

APPLICATION

PERCOLATION TESTING

A 517397

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE _____

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 JAMES, MARY & DON PATTERSON
DOROTHY EASTER, THERESA BASS

IN CARE OF: DON PATTERSON

ADDRESS P.O. Box 1 GLENELG MD. 21737 PHONE 410-442-4475

AGENT OR PROSPECTIVE BUYER TRIADDELPHIA FARM LLC
IN CARE OF PAUL REVELLE

ADDRESS 625B CARDINAL COLUMBIA, MD 21044 PHONE 410 992 5805

PROPERTY LOCATION:

SUBDIVISION HOPKINS CHOICE LOT NO. 1

ROAD AND DESCRIPTION PROPOSED ROAD EXTENDING RYON DRIVE

TAX MAP 21 PARCEL # 111

SIZE OF LOT SF CLUSTER 40,000[±] TYPE BLDG. SF
(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]

(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

COUNTY #

SOIL PROFILE

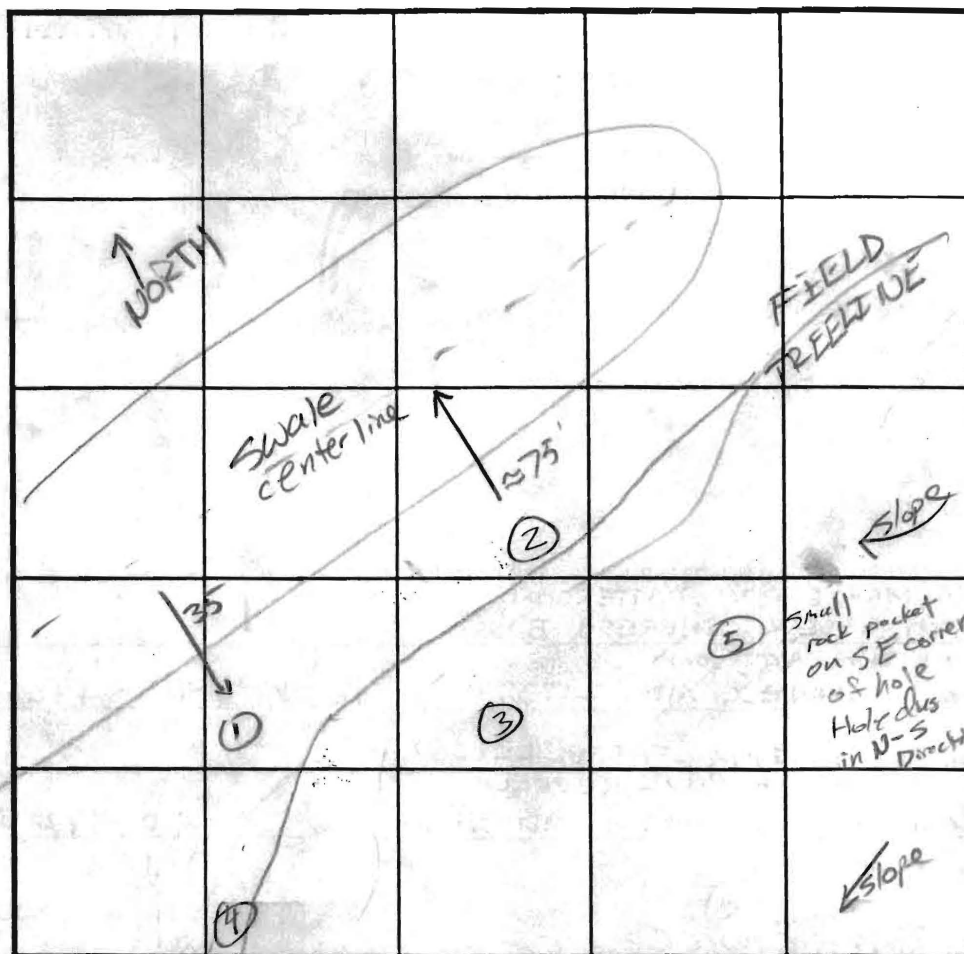
0' (1)
Brown
SCL
Brown/ten
L
4 1/2
Fine
SL
w/ < 5%
gravelly
weak
saprolite

(2)
red
SCL
↓
red L
tan/brown
SL w/
< 5%
gravelly
fraggs

(3)
red/orange
SCL w/ roots
< 5% cobble
fraggs
tan/brown
L
tan SL
w/ < 5%
gravelly
fraggs

SOIL PROFILE

0' (4)
red/orange
SCL
3 red/orange
L w/ 10-15%
gravelly fraggs
4 1/2 Fine tan
SL w/ < 5%
gravelly
fraggs
14 somewhat
saprolite



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/9/02	1	5' / 14	9:08:15	9:10:15	9:10:15	9:12:45	2:30	ok
10/9/02	2	4' / 13	9:16:30	9:19:00	9:19:00	9:22:00	3	ok
10/9/02	3	5' / 13	9:24:15	9:26:45	9:26:45	9:29:15	2:30	ok
10/9/02	4	5' / 14	9:42:30	9:44:30	9:44:30	9:48:00	3:30	ok

REMARKS Holes dug per plan + stated per plan

TYPE OF SOIL

TESTED BY J.B.ALSO PRESENT Dave W. + Justin

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

APPLICATION

PERCOLATION TESTING

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043

TELEPHONE: 313-2640

DISTRICT _____

DATE _____

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 1

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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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

COUNTY #

SOIL PROFILE

0'

red orange
Si CL & roots

4

red orange
L < 5% gravelly

6

tan brown
SL w/ 5-10%
cobbly frags
from 10-12

13

SOIL PROFILE

0'

SEE
other
sheet

1/4 2

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/9/02	5	5 / 13	9:32:15	9:35:30	9:35:30	9:42:30	7 ok

REMARKS

TYPE OF SOIL

TESTED BY

J. Boris

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

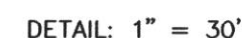
TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

2 of 2



LEGEND:

HO-95-3760 EXISTING WELL

EXISTING PASSED PERC.

 EXISTING SEPTIC AREA

TYPE: CHELSEA (WILLIAMSBURG)-
DAYLIGHT BASEMENT
EXPANDED FAMILY ROOM
CONSERVATORY ELITE
ADD'L 1' TO HEIGHT OF BASEMENT
SOLARIUM ADDITION
MEDIA ROOM

OPTION No.	018
OPTION No.	023
OPTION No.	039
OPTION No.	070
OPTION No.	501
OPTION No.	503




LIBER 12186, FOLIO 256
PLAT No. 17725
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND



ESE Consultants Inc.
7164 Columbia Gateway Dr.
Suite 203
Columbia, MD 21046
TEL: 410-872-9105
FAX: 410-872-4870

DATE: 2/9/10 SCALE: 1" = 50' FILE: Lot 2 Perc Cert
CHK'D: MJB JOB#: 2975 DRAWN: CRC

 THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A REVISED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL
REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.

THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT
FOR HOPKINS CHOICE- PHASE I, PLAT No. 17725. REFER
TO THIS PLAT FOR ANY RESTRICTIONS AND/OR PROVISIONS.

EXISTING TOPOGRAPHY IS TAKEN FROM A FIELD RUN
TOPOGRAPHIC SURVEY WITH 2 - FOOT CONTOUR
INTERVALS PREPARED BY EASERN STATES
ENGINEERING, PERFORMED ON OCTOBER 14, 2009.

THE PURPOSE OF THIS PERCOLATION CERTIFICATION PLAN IS TO ADJUST THE WELL LOCATIONS IN SUPPORT OF A BUILDING PERMIT APPLICATION FOR NEW CONSTRUCTION AT 13905 RYON DRIVE, GLENELG, MARYLAND 21737. THE PREVIOUSLY RECORDED PERCOLATION CERTIFICATION PLAN DID NOT SHOW A WELL BOX.

INV. @ HOUSE	583.7
GROUND @ INV. @ HOUSE	587.8

INV. IN TANK	582.7
INV. OUT TANK	582.4
TOP OF TANK	583.4
GROUND OVER TANK	586.4

INV. IN DIST. BOX	582.3
INV. OUT DIST. BOX	582.0
GROUND @ BOX	586.0

BASEMENT NOT SERVICED VIA GRAVITY SEWER.

THE EXISTING WELL(S) SHOWN ON THIS PLAN (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER HO-95-3760) HAS BEEN FIELD LOCATED BY ESE CONSULTANTS, INC.- PROFESSIONAL LAND SURVEYOR(S), AND IS ACCURATELY SHOWN.

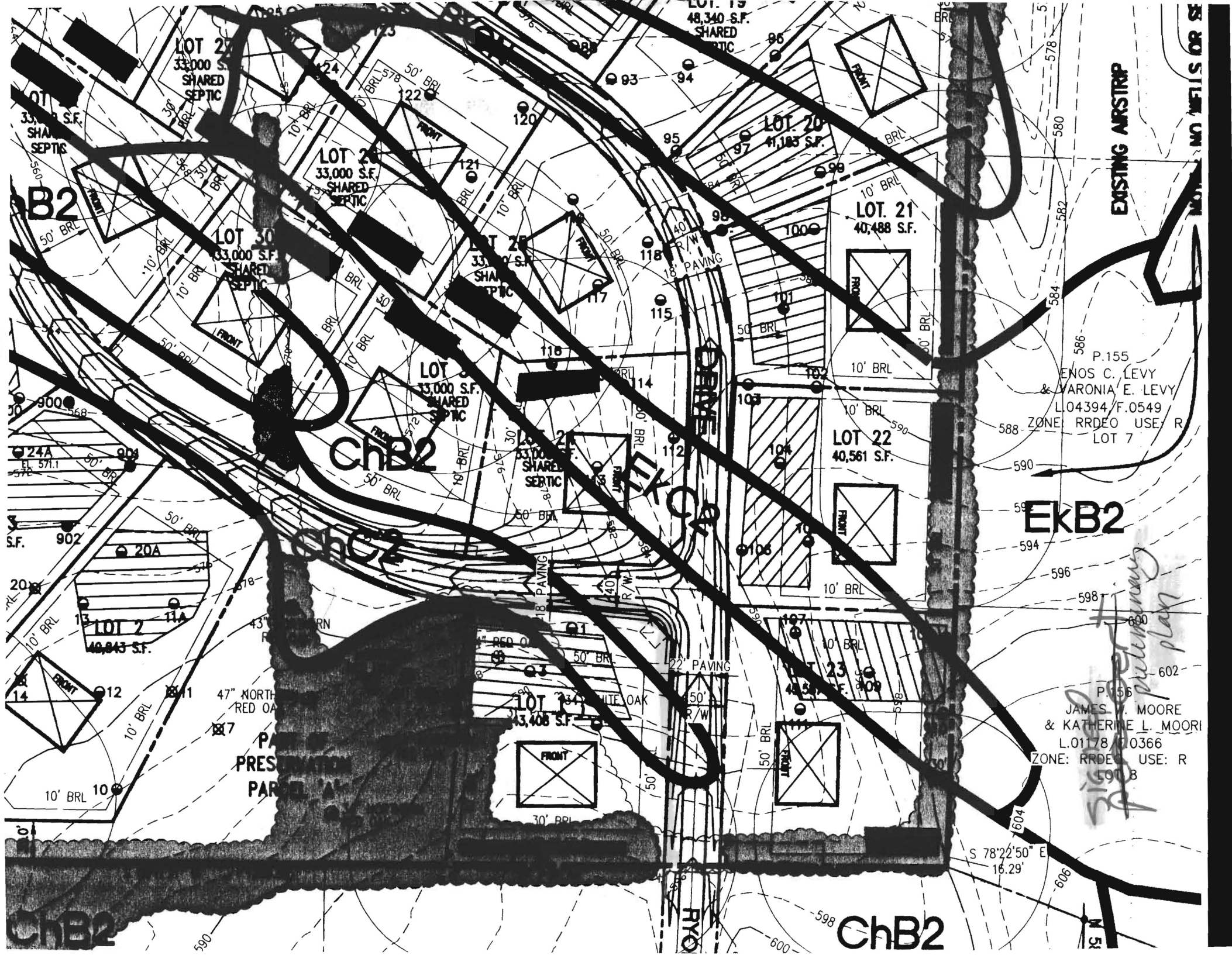
WELL No. HO-95-3760

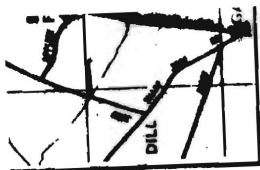
ADDRESS: 13905 RYON DRIVE
GLENELG, MD 21737

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

APPROVED:
FOR PRIVATE WATER & PRIVATE SEWAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
Brian for Peter Brubaker
COUNTY HEALTH OFFICER
2/17/20
DATE
290

BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER SITE DEVELOPEMENT PLAN SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±0.1' FOOT.





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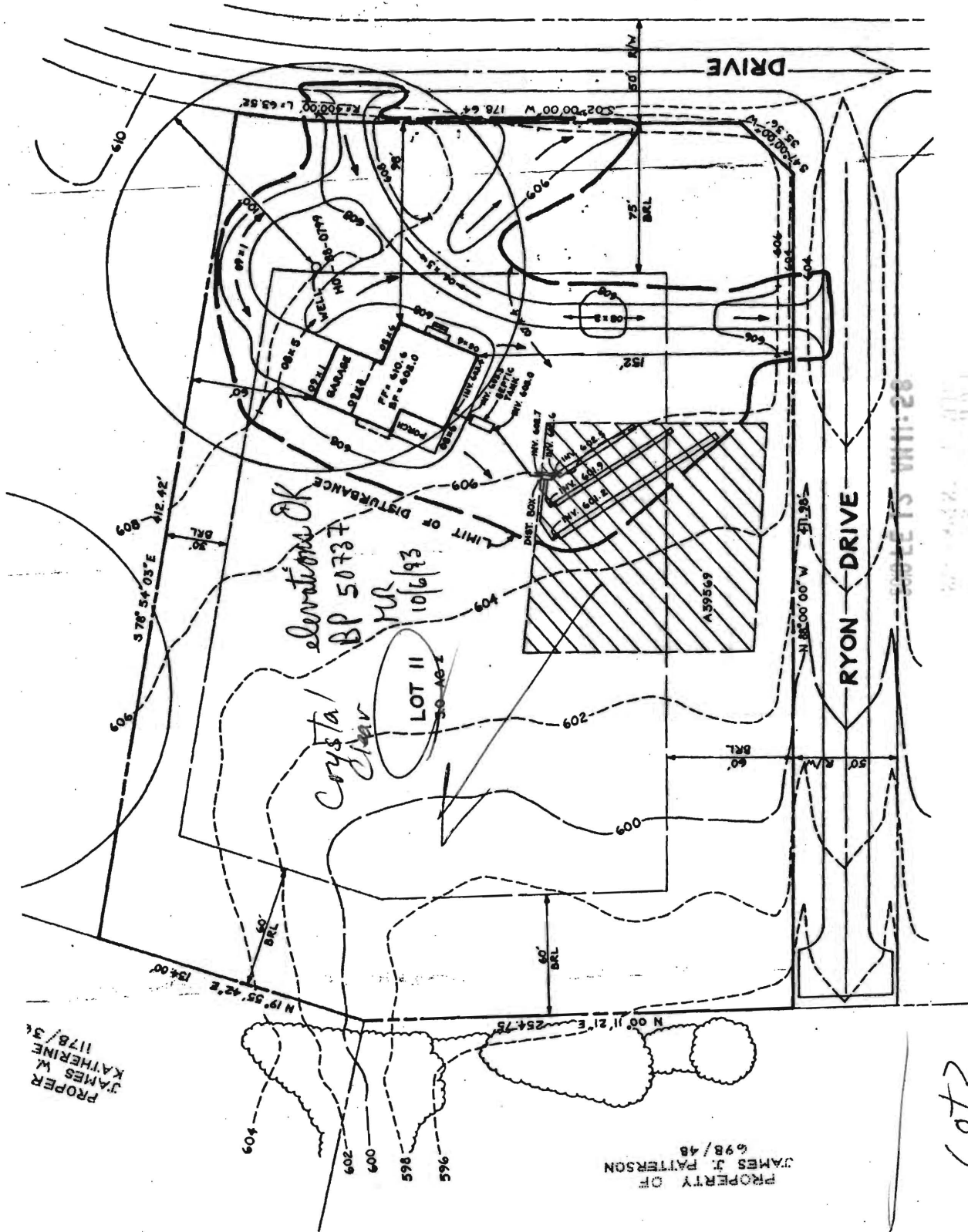
NOTES:

1)

2)

3)

4)



PROPER
 JAMES W
 KATHERINE
 1178/34

PROPERTY OF
 JAMES J PATTERSON
 698/48

Lot 2
 Hopkins Choice

P.156
JAMES W. MOORE
& KATHERINE L. MOORE
L.01178/F.0366
ZONE: RRDEO USE: R N87°03'18"W
LOT 8 15.49'

REBAR &
CAP FD. "A"

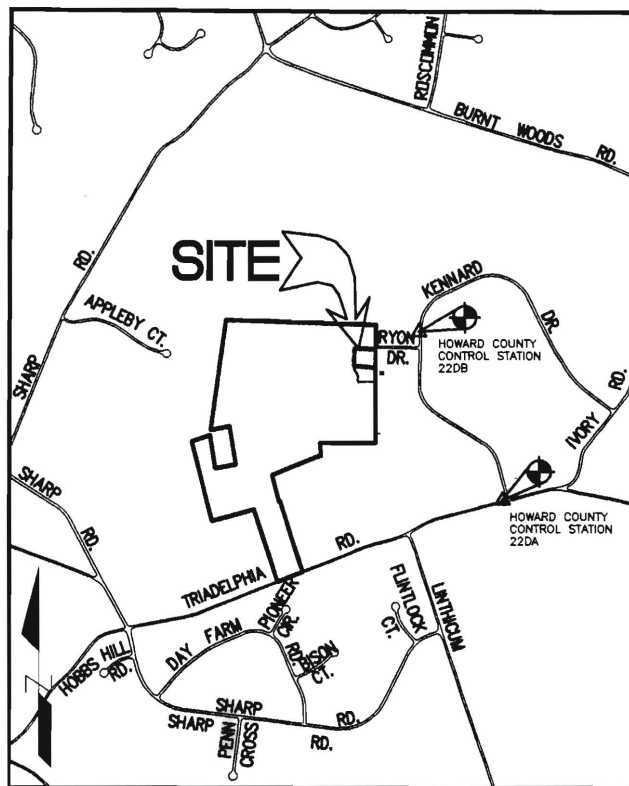
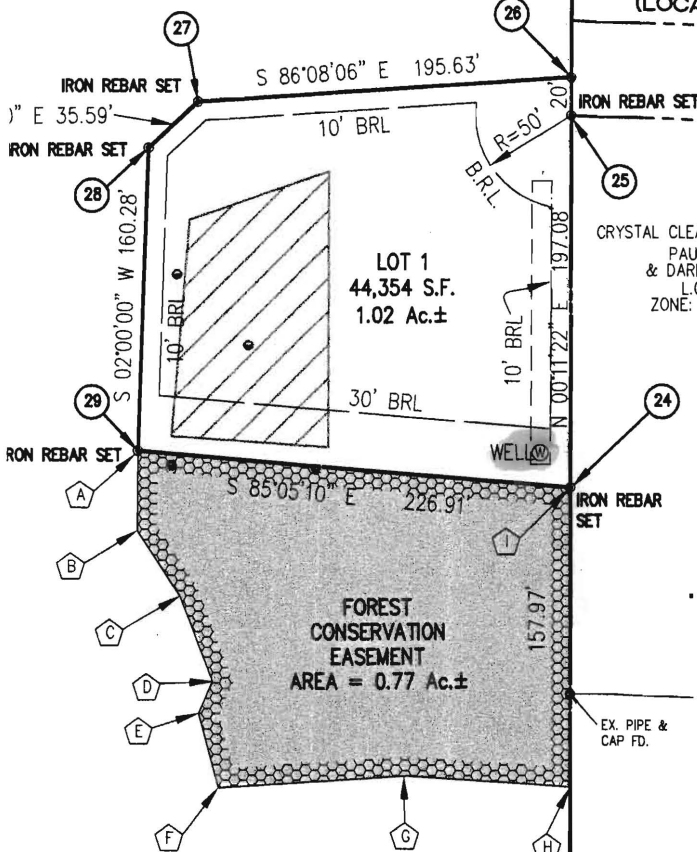
STONE FD.

N 583500
E 1312450

P.533
CRYSTAL CLEAR SUBD. PLAT 8444
DENNIS A. DRENNER
& BARBARA N. DRENNER
L.02882/F.0542
ZONE: RRDEO USE: R
LOT 11

**RYON DRIVE
(LOCAL ROAD)**

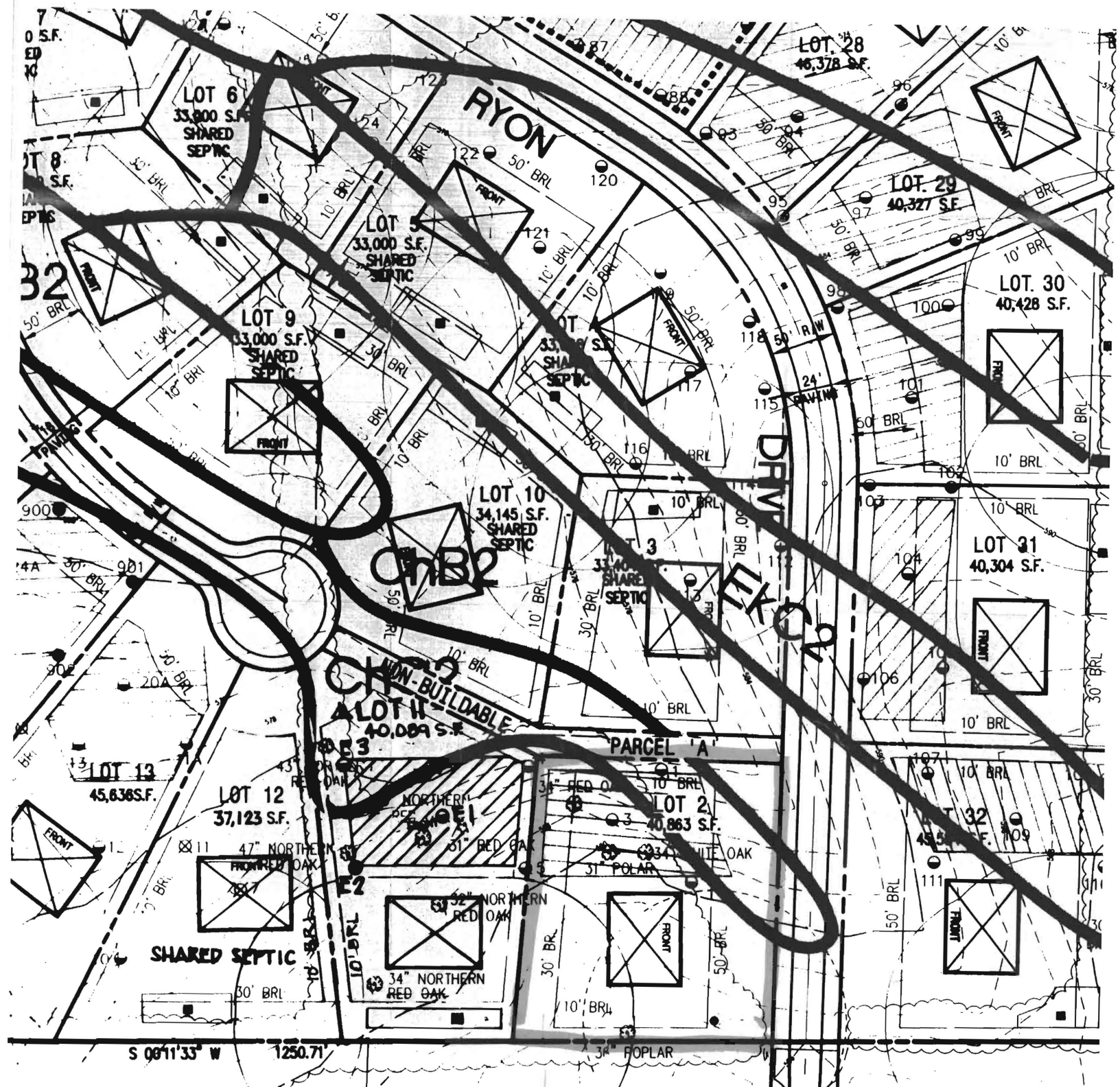
P.533
CRYSTAL CLEAR SUBD. - PLAT 8445
PAUL THOMAS LYONS
& DARLENE FUCHS-LYONS
L.04776/F.0362
ZONE: RRDEO USE: R
LOT 12



VICINITY MAP
SCALE : 1" = 2000'

General Notes :

- The lots shown hereon comply with the minimum ownership width and lot area as required by the the Maryland Department of the Environment regulations.
- Coordinate are based on Nad 83' Maryland Coordinate System as projected by Howard County Geodetic Control Stations No. 22DB & 22DA.
- 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 in 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.
- B.R.L. - Represents building restriction line.
- Represents concrete monument set (unless otherwise noted).
- Represent iron rebar set (unless otherwise noted).
- Percolation test holes shown have been field located and shown thus .
- Public water and public sewer are not available to this site. On-lot water and sewer will be provided until utilities are available.
- Subject property zoned "RR-DEO" per 9-18-92 comprehensive zoning plan.
- For Flag or pipe stem lots, refuse collection, snow removal and road maintenance are provided to the junction of the flag or pipe stem and the road right-of-way line only and not onto the flag or pipe stem lot driveway.
- 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:
 - Width - 12' (14' serving more than one residence);
 - Surface - 6" of compacted crusher run base w/ tar and chip coating (1-1/2" min.);
 - Geometry - Max. 15% grade, max. 8% grade change and min. 45' turning radius;
 - Structures (culvert/bridges) - capable of supporting 25 gross tons 9H25 loading);
 - Drainage Elements - capable of safely passing 100-yr. flood with no more than 1 foot depth over driveway surface;
 - Maintenance - sufficient to insure all weather use.
- Areas as stated on this plat are to be taken as more or less (±), unless otherwise noted.
- No wetlands currently exist on this Lot and the lot does not lie within the a flood hazard area.
- No grading, removal of vegetative cover or trees, or placement of new structures is permitted within the limits of wetlands, stream(s), or their buffers and forest conservation easements areas.
- Lot 1 is created in accordance with the provisions of Subdivision Regulations, Section 16.1107(b)(1)(vi) and Zoning, Section 105.E(4)(b).
- Landscaping fit Lot # 1 is provided in accordance with a certified L.S. plan in accordance with Section 16.124 of the Howard County Code and Landscape



ChB2

ChB2

JOHN A. KAPP
& NANCY H. KAPP
L. 02987/F. 0465
ZONE: RRDEO USE: R
LOT 13

P. 533
PAUL THOMAS LYONS
& DARLENE FUCHS-LYONS
L. 04776/F. 0362
ZONE: RRDEO USE: R
LOT 12

P. 533
DENNIS A. DREN
& BARBARA N. DREN
L. 02882/F. 05
ZONE: RRDEO USE: R
LOT 11

WELL LOCATION
IN FRONT OF LOT
300'±

WELL LOCATION
IN FRONT OF LOT
300'±

Signal percent
10/64