

9/30/99  
10:00 AM CNO

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 512731

A 50951

DISTRICT \_\_\_\_\_

DATE 9-27-99

DATE SYSTEM APPROVED 9/30/99

INSPECTOR [Signature]

INDEXED

05-423759

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
~~XXXXXX~~ 410-313-2640

Jack Fyock Septic Service

IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_

ADDRESS P.O. Box 89, Triadelphia Road, Glenelg, Maryland 21737 PHONE 410-988-9270

SUBDIVISION Cissel Farms LOT 44 ROAD 7117 Deer Valley Road

PROPERTY OWNER Paul and Joy Podorski

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Starting at the intersection of the 170' and the 527.45' lot lines, place the distribution box 105 feet down the 527.45' lot line and 165 feet off this same lot line as seen when facing the lot from Deer Valley Road. Run trenches on contour towards the right (869.56') lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK SRN 8/23/99

PLANS APPROVED BY Donna K. Soe/Amy McMillen DATE 8/17/1999

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS. 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

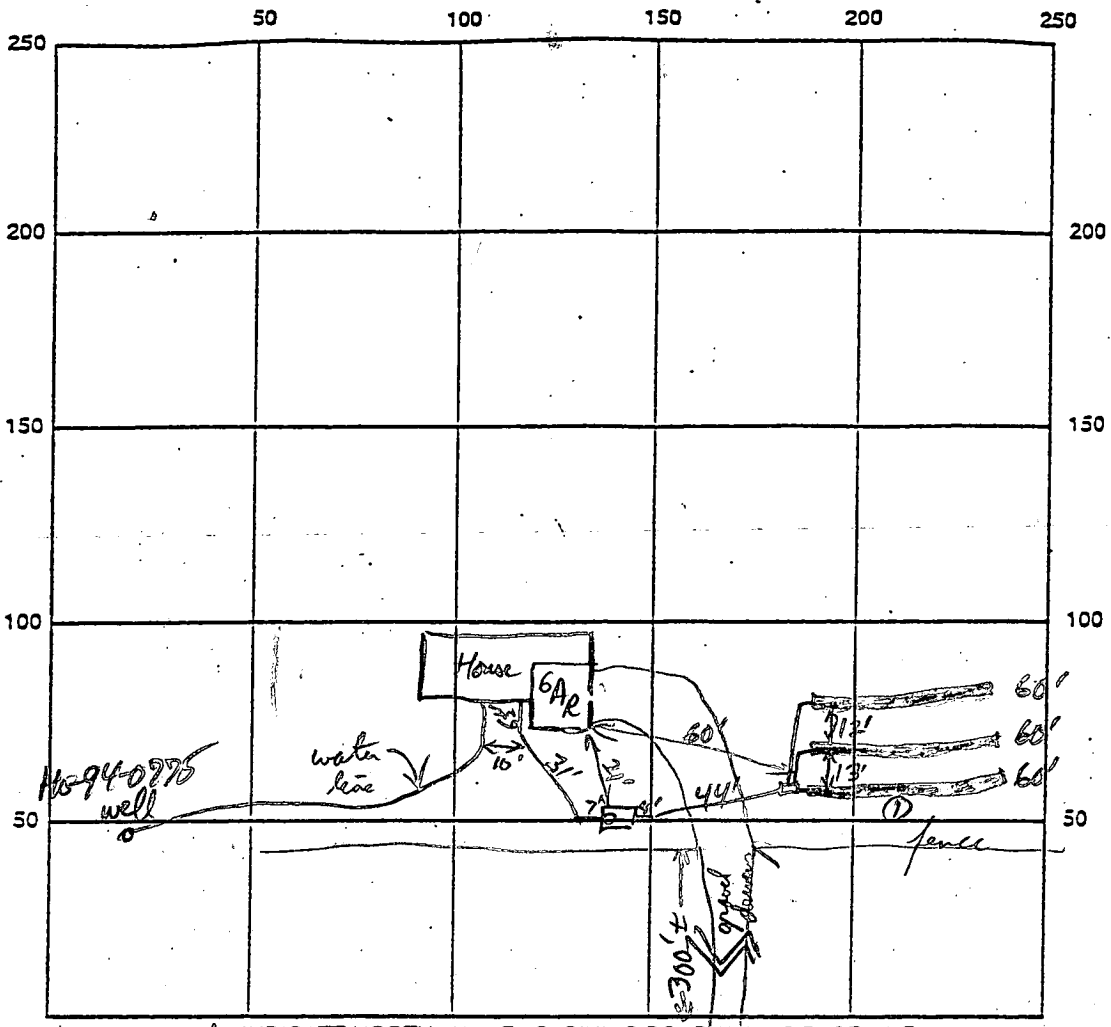
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

A 50951



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

*Deer Valley Rd*

SEPTIC TANK LEVEL 1250 g.l MidSeam CLEANOUTS \_\_\_\_\_

DISTRIBUTION BOX LEVEL \_\_\_\_\_

DRAIN FIELD/TILE DEPTH 7 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 60 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA \_\_\_\_\_ SQ. FT.

DRYWALL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS: First open trench partially filled & pipe (good piece from Soil box 2' to 7') OK to continue  
press filling this and later trenches & cover as progressing, leave end open for inspection 9/30/99  
OK to finish last trench then cover all work, House connection OK 9/30/99

WPT - Petter's check OK @ 3:15? OK 9/30/99

DATE SYSTEM APPROVED 9/30/99 INSPECTOR [Signature]

# APPLICATION

11/12/95  
10/40

## PERCOLATION TESTING

PREVIEW OK  
EXISTING LOT OF RECORD  
WILL ADD NEIGHBORING  
WELLS & SEPTICS  
TO POST TEST PLAT.

A 50951

P \_\_\_\_\_

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

DISTRICT 10-31-95

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 JOHN F. PATRICK Paul & Soy Podorski

ADDRESS 7113 DEER VALLEY ROAD PHONE (301) 596-9395

AGENT OR PROSPECTIVE BUYER N/A HIGHLAND, MD. 20777

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

### PROPERTY LOCATION:

SUBDIVISION CISSEL FARMS LOT NO. 31-A & PARCEL "A"

ROAD AND DESCRIPTION DEER VALLEY ROAD, PROPERTY IS LOCATED BEHIND LOT 31 (7113 DEER VALLEY ROAD)

TAX MAP 40 PARCEL # P/O 235, ALSO PARCEL "A"

SIZE OF LOT 2.880 Ac TYPE BLDG. SINGLE FAMILY - 4 ROOM  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

PERMIT SIGNATURE  
RETURNED 8/17/99  
Send # B7011948  
SINGLE FAMILY - 4 ROOM

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.

John F. Patrick  
(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

50951  
COUNTY #

SOIL PROFILE

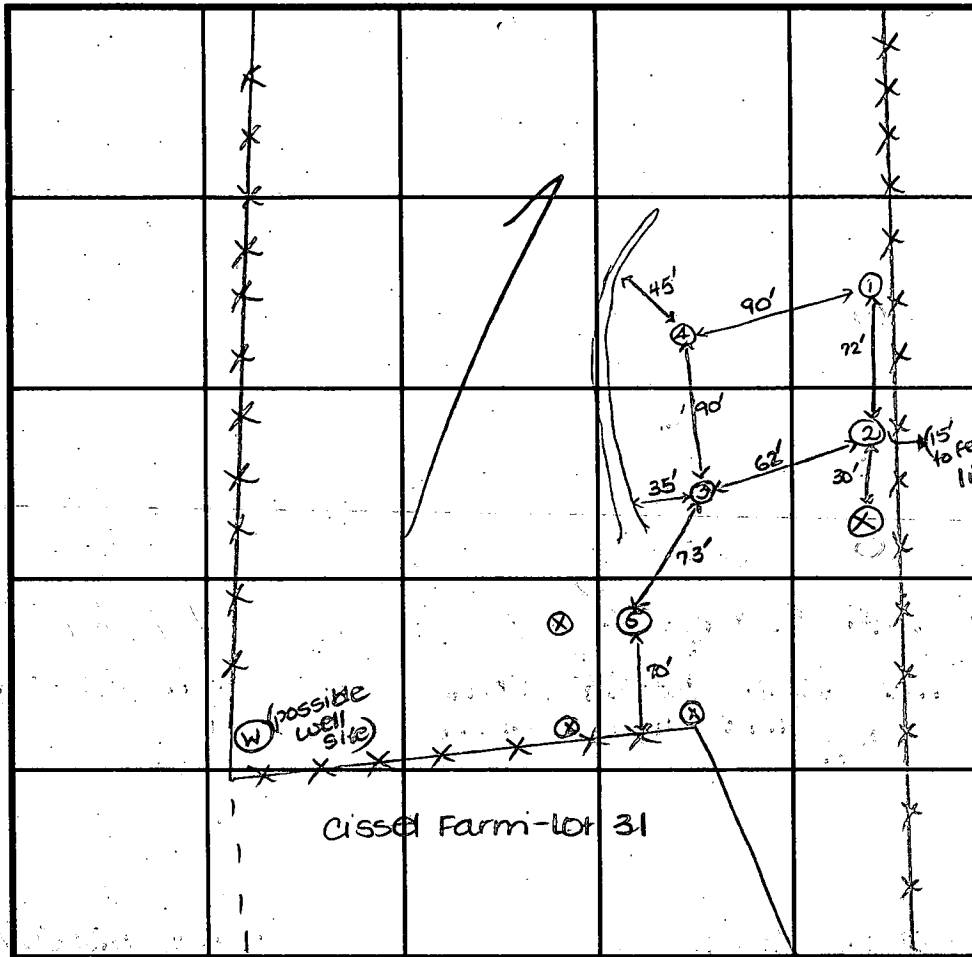
①  
0' topsoil  
or red br cl lm  
3.5' 14 br to beige si lm  
10% shale frags

②  
0' topsoil  
or br cl lm  
3'-3.5' tan to beige si lm  
10% shale frags

③⑤  
0' topsoil  
1' or red br cl lm  
3'-3.5' 14 or br to tan si lm  
10% shale frags

SOIL PROFILE

④  
0' topsoil  
1' or red br cl lm  
3.5' 4' tan si lm  
10% shale frags



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

↓ to Deer Valley Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-16-95	1	4.5' S	10:28 <sub>30</sub>	10:30 <sub>30</sub>	10:30 <sub>30</sub>	10:34	4
		12.0' D	Visual - See profile				
	2	3.0' S	10:37 <sub>30</sub>	10:39	10:39	10:41 <sub>30</sub>	3
		12.0' D	Visual - See profile				
	3	3.5' S	10:52 10:50	10:53 10:50 <sub>30</sub>	10:53 10:50 <sub>30</sub>	10:55 10:51 <sub>30</sub>	2 1
		12.0' D	Visual - See profile				
	4	3.5' S	11:24	11:25	11:25	11:27	2
		12.0' D	Visual - See profile				
	5	4.0' S	11:32 <sub>30</sub>	11:33 <sub>30</sub>	11:33 <sub>30</sub>	11:35 <sub>30</sub>	2
		12.5' D	Visual - See profile				

REMARKS test holes diff. than staked - prefer gravity flow septic area

TYPE OF SOIL \_\_\_\_\_

TESTED BY D. See ALSO PRESENT owner, C. Zepp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 3 min TRENCH WIDTH 2'

INLET DEPTH 3.0' MAXIMUM BOTTOM DEPTH 7.0' SQ. FT./BEDROOM 180

C1 4572

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLUMNS 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A 50951

DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

052296

400

40-94-0775

OWNER: Patrick John DEER VALLEY ROAD TOWN Highland Cisseel Farms SECTION LOT 31A

WELL LOG Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Includes entries like Top soil, Shale, Gray mica, Brown mica, Sandstone, Quartz.

NUMBER OF UNSUCCESSFUL WELLS:

WELL HYDROFRACTURED YES NO

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

TYPE: MWD/MSD/MD 40 DRILLERS LIC. NO. 40

DRILLERS SIGNATURE: George T. Esterday

LIC. NO. 481

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box)

TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 35 NO. OF POUNDS 3500 GALLONS OF WATER 115 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 97 ft.

CASING RECORD casing types insert appropriate code below ST STEEL CO CONCRETE PL PLASTIC OT OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch): Total depth of main casing (nearest foot) ST 6 112

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open hole insert appropriate code below ST STEEL BR BRASS BRONZE PL PLASTIC HO OPEN HOLE OT OTHER

DEPTH (nearest ft.) H 0 110 400

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

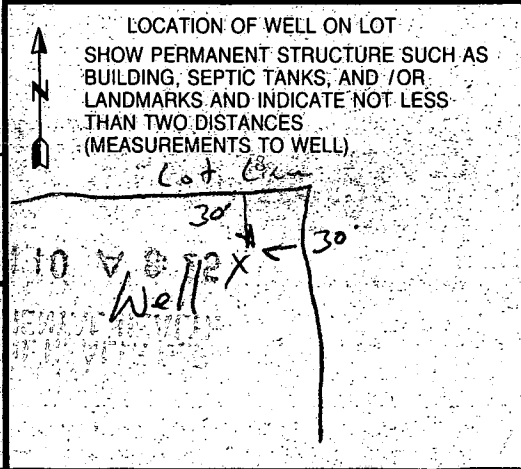
C 3 PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 60 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 35 ft. WHEN PUMPING 150 ft. TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE) YES NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot)



B 1 **3316** SEQUENCE NO. (MDE USE ONLY)  
 THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS

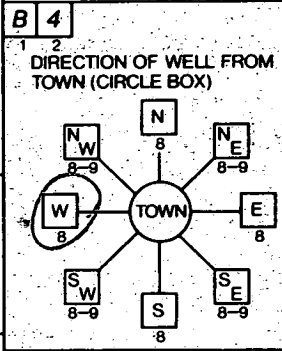
STATE OF MARYLAND  
 PERMIT TO DRILL WELL  
 please print or type

STATE PERMIT NUMBER  
**HO-94-0775**  
 fill in this form completely

Date Received (APA) **042396**  
 OWNER INFORMATION  
**PATRICK JOHN A**  
 15 Last Name Owner First Name 34  
**7113 DEER VALLEY RD**  
 36 Street or RFD 55  
**HIGHLAND** **MD 20777**  
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL  
**HOWARD**  
 8 COUNTY 21  
**CISSEL FARMS**  
 23 SUBDIVISION 42  
 SECTION   LOT **3/A**  
 44 46 48 50  
**HIGHLAND**  
 52 NEAREST TOWN 71  
 MILES FROM TOWN (enter 0 if in town) **1** **M** **I**  
 73 76 77 78

DRILLER INFORMATION  
 George F. Easterday  
 Driller's Name 77 License No. 80 **20**  
 L. Franklin Easterday, Inc.  
 Firm Name  
 9256 Brown Church Rd, Mt Airy, Md. 21771  
 Address  
 George F. Easterday 4/23/96  
 Signature Date



**DEER VALLEY RD**  
 11 NEAR WHAT ROAD 30  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 34 **450** 37  
 DISTANCE FROM ROAD  
 ENTER FT OR MI **FT**  
 38 39  
 TAX MAP: \_\_\_\_\_ BLK: \_\_\_\_\_ PARCEL \_\_\_\_\_

B 2 WELL INFORMATION  
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**  
 8 12  
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**  
 14 20

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
**Howard** **A 50951**  
 COUNTY NAME COUNTY NO.  
 STATE SIGNATURE \_\_\_\_\_ INSERT S   
 DATE ISSUED **042996** **DOUGLAS** **01/28/97**  
 43 48 CO SIGNATURE EXP DATE  
 NORTH GRID **489000** EAST GRID **0806000**  
 50 55 57 63

USE FOR WATER (CIRCLE APPROPRIATE BOX)  
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)  
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)  
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL **200** FEET  
 24 28  
 APPROXIMATE DIAMETER OF WELL **6** INCH  
 NEAREST INCH

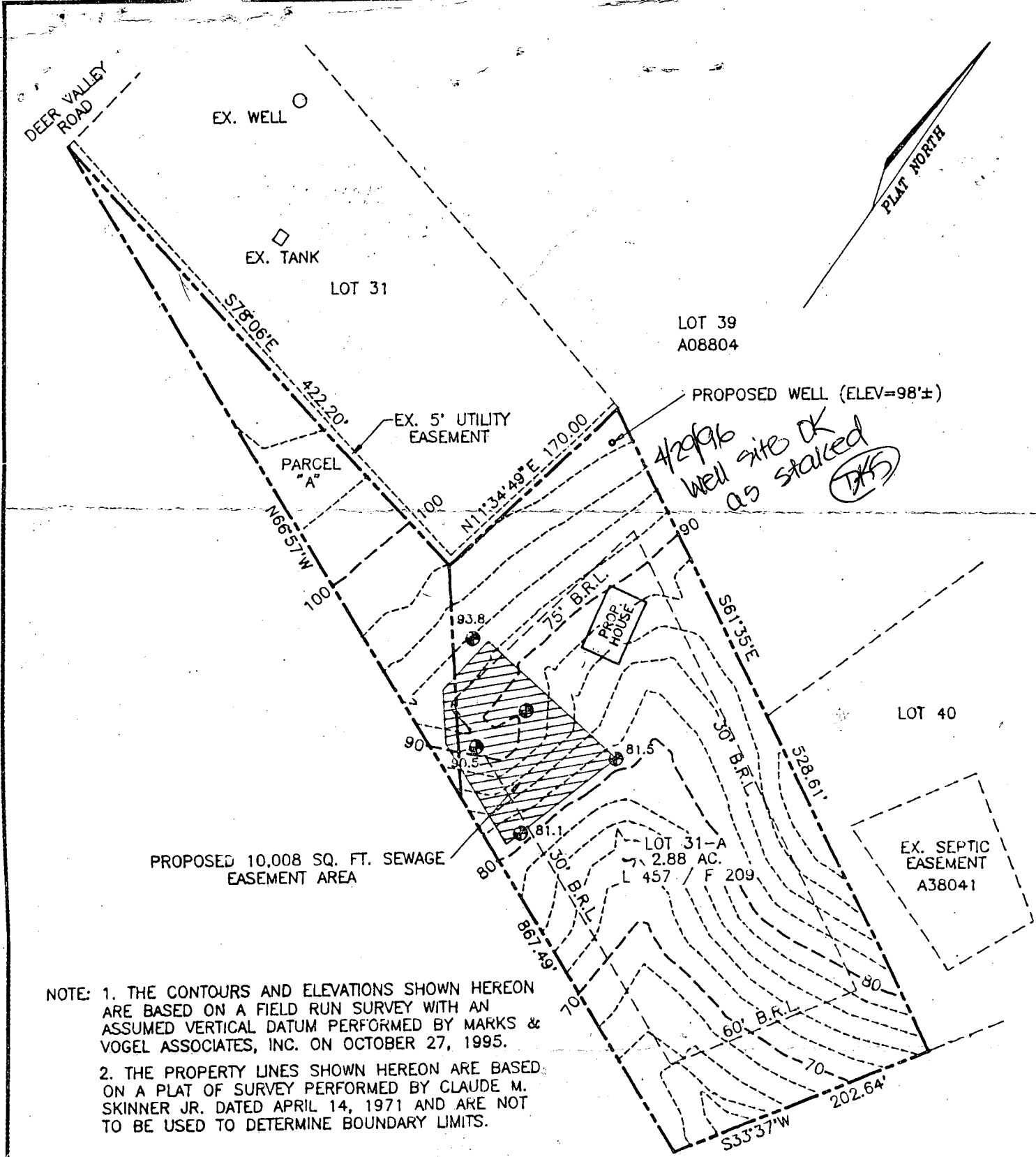
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
 SOURCES OF DRILLING WATER  
 1. **Wells**  
 2.  
 3.  
 WRITE THE BOX NUMBER FROM THE MAP HERE  
  
 DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

METHOD OF DRILLING (circle one)  
 BORED (or Augered) JETTED Jetted & DRIVEN  
 AIR-ROTARY  AIR-PERCussion  ROTARY (Hydraulic Rotary)  
 CABLE  REVERSE-ROTARY  DRIVE-POINT  
 other \_\_\_\_\_


REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)  
 THIS WELL WILL NOT REPLACE AN EXISTING WELL  
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT. LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS  
 THIS WELL WILL DEEPEM AN EXISTING WELL  
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 \_\_\_\_\_ 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)  
 APPROX. PERMIT NUMBER \_\_\_\_\_ **G A P** \_\_\_\_\_  
 54 63  
 FORCE **D S** WRITE INITIALS IN BOX PERMIT No. **HO-94-0775**  
 67 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS  
 NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED  
 COUNTY \_\_\_\_\_



**THIS AREA DESIGNATES A MINIMUM 10,000 SQ FT PRIVATE SEWAGE EASEMENT REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BE NULL AND VOID UPON CONNECTION TO A PUBLIC SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.**

PERCOLATION TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED AND SHOWN AS  .

PERCOLATION AREAS AND WATER WELLS WITHIN 100 FEET OF PROPERTY LINES ARE SHOWN ON THIS PLAT.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS

*Joyce M. Boyd*  
COUNTY HEALTH OFFICER CW

1-16-96  
DATE



*Robert H. Vogel*

<b>RECORD REFERENCES</b>		<b>PERCOLATION TEST PLAT CISSEL FARMS</b>	<b>MARKS-VOGEL ASSOCIATES, INC.</b> CONSULTING ENGINEERS-SURVEYORS-PLANNERS 3691 PARK AVE. #101 ELLICOTT CITY, MD 21043 TELEPHONE (410)461-5828 FAX (410)465-3968
TAX MAP	40		
PARCEL	P/O 235		
PLAT NO./FOLIO			
SCALE	1"=100'		
DATE	12-27-95		

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
410-9933

11" 2648  
31

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation  Replacement

Receipt # ~~12-7-99~~  
Date 12-7-99

Name of Installer C. MAYES P+H

Telephone 410 9230510

License Number 3276

Certified Well Pump Installer  Well Driller  Registered Plumber

Name of Property Owner PAUL PODORSKI

Telephone 301 470 3184

Subdivision Cesal Farm Lot # 44

Well Tag # HO-94-0775

Site Address 7117 Deer Valley Rd.

Pump

- 1. Type
  - a. Deep well jet 400 FT
  - b. Shallow well jet
  - c. Submersible

Motor

- 1. Horsepower 3/4 HP
- 2. RPM 2400
- 3. Voltage 110
- a. 110
- b. 220

Pitless Adapter

- 1. Make CAMPBELL
- 2. Model # L-6
- 3. Depth 42"

- 2. Make MYERS
- 3. Model # 2ST72-5
- 4. Capacity 6 GPM

- 5. Pump exceeds well capacity Yes  No
- 6. If Yes, is low pressure cutoff switch installed? Yes  No
- 7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors  Cable guards  Other

Tank

- 1. Capacity 40 GAL.
- 2. Pressure relief valve? YES

Piping

- 1. Type 1" / 160 PSI
- 2. Size 1"
- 3. NSF and/or BOCA Code approved YES
- 4. Depth of supply line 350 FT.  
42"

Well data

- 1. Depth 350 ft.
- 2. Yield 6 GPM
- 3. Static water level 370 ft.
- 4. Will water supply be disinfected by installer? NO

7/30/99 WPI OK  
PER RP

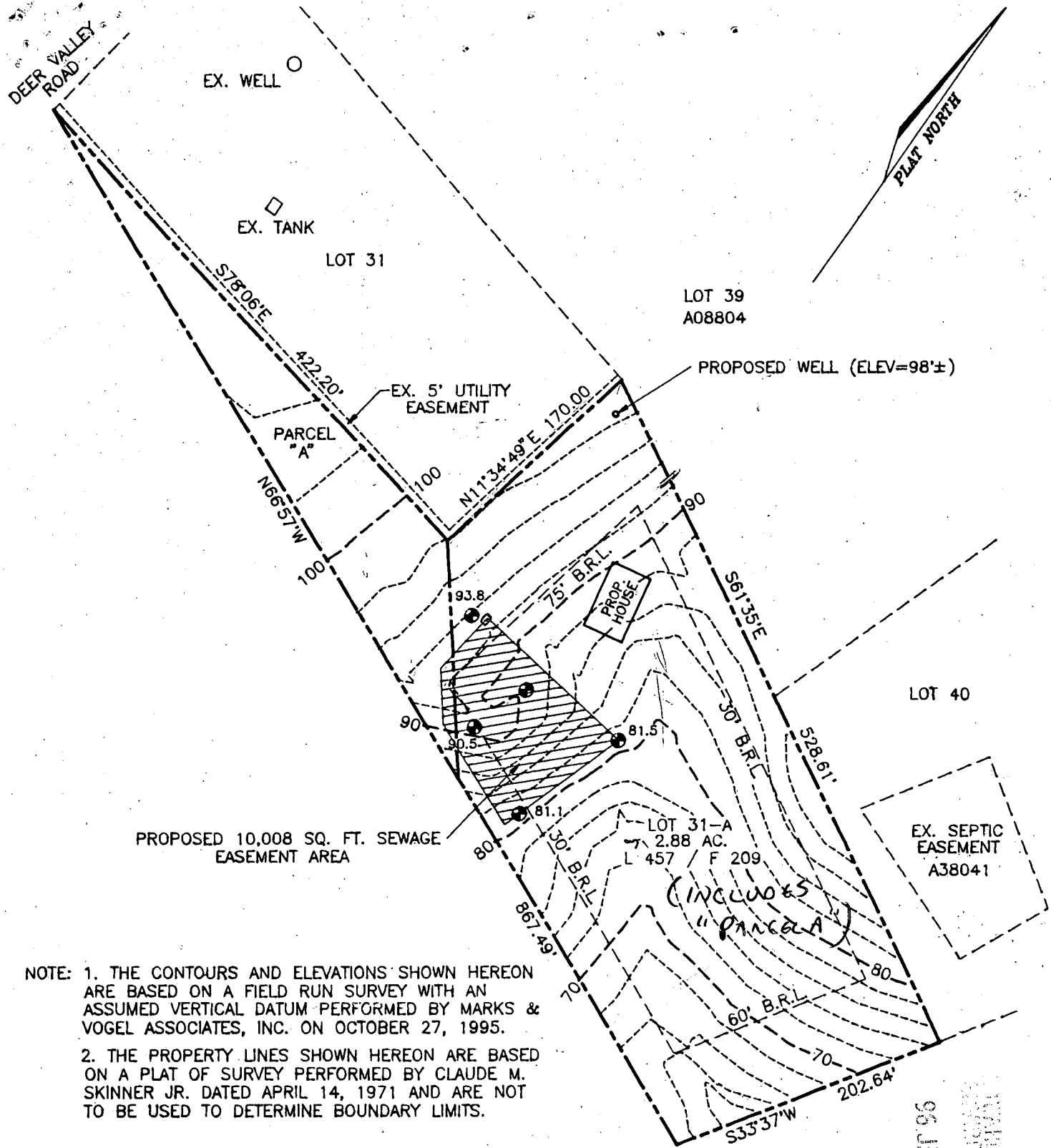
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: Charles Mayes


Date: 12-7-99


Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.



NOTE: 1. THE CONTOURS AND ELEVATIONS SHOWN HEREON ARE BASED ON A FIELD RUN SURVEY WITH AN ASSUMED VERTICAL DATUM PERFORMED BY MARKS & VOGEL ASSOCIATES, INC. ON OCTOBER 27, 1995.

2. THE PROPERTY LINES SHOWN HEREON ARE BASED ON A PLAT OF SURVEY PERFORMED BY CLAUDE M. SKINNER JR. DATED APRIL 14, 1971 AND ARE NOT TO BE USED TO DETERMINE BOUNDARY LIMITS.

 THIS AREA DESIGNATES A MINIMUM 10,000 SQ FT PRIVATE SEWAGE EASEMENT REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BE NULL AND VOID UPON CONNECTION TO A PUBLIC SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

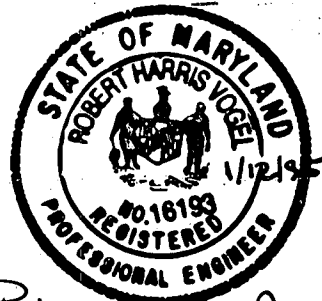
PERCOLATION TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED AND SHOWN AS 

PERCOLATION AREAS AND WATER WELLS WITHIN 100 FEET OF PROPERTY LINES ARE SHOWN ON THIS PLAT.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS

*Joyce M. Boyd*  
 COUNTY HEALTH OFFICER *CU*

1-16-96  
 DATE



RECORD REFERENCES	
TAX MAP	40
PARCEL	P/O 235
PLAT NO./FOLIO	
SCALE	1"=100'
DATE	12-27-95

PERCOLATION TEST PLAT
CISSEL FARMS
LOT 31-A
DEER VALLEY ROAD
HOWARD COUNTY
MARYLAND

**MARKS-VOGEL ASSOCIATES, INC.**  
 CONSULTING ENGINEERS-SURVEYORS-PLANNERS  
 3691 PARK AVE. #101 ELLICOTT CITY, MD 21043  
 TELEPHONE (410)461-5828 FAX (410)465-3968



DEER VALLEY ROAD (50' R/W)



**GENERAL NOTES**

- 1. ELEVATIONS
- A. BASEMENT: 87.0
- B. FIRST FLOOR: 95.0
- C. INVERT OUT OF HOUSE: 91.0
- D. INVERT INTO SEPTIC TANK: 90.7
- E. INVERT OUT OF SEPTIC TANK: 90.5
- F. INVERT INTO DISTRIBUTION BOX: 90.0
- G. INVERT INTO TRENCH: 89.0
- H. EXISTING GRADE AT SEPTIC TANK: 92.7
- I. EXISTING GRADE AT DISTRIBUTION BOX: 93.0
- J. EXISTING GRADE AT TRENCH: 93.0
- K. ELEVATION AT WELL AT GRADE: 98.3'
- 2. PROPERTY INFO.: LOT 44, CISSEL FARM SEC. 3 ZONING RR

BUILDER: STEVENS BUILDERS INC.  
 3905 NATIONAL DRIVE, SUITE 250  
 BURTONSVILLE, MARYLAND, 20866  
 (301) 421-1700

PREPARED BY:  
 MARKS & ASSOCIATES L.L.C.  
 4531 COLLEGE AVENUE  
 ELLICOTT CITY, MARYLAND  
 (410) 747-8738

PLOT PLAN FOR PROPOSED  
 SINGLE FAMILY DWELLING  
 TAX MAP 40 P/O PARCEL 235  
 PLAT NO. 12218

DATE: 07/06/99  
 PLAN SCALE: 1"=50'

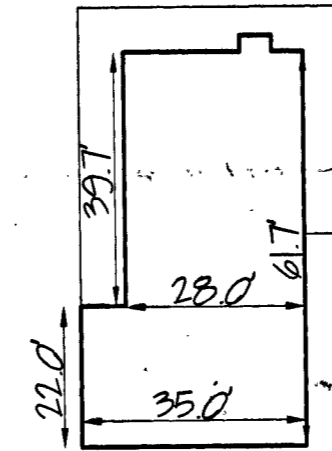
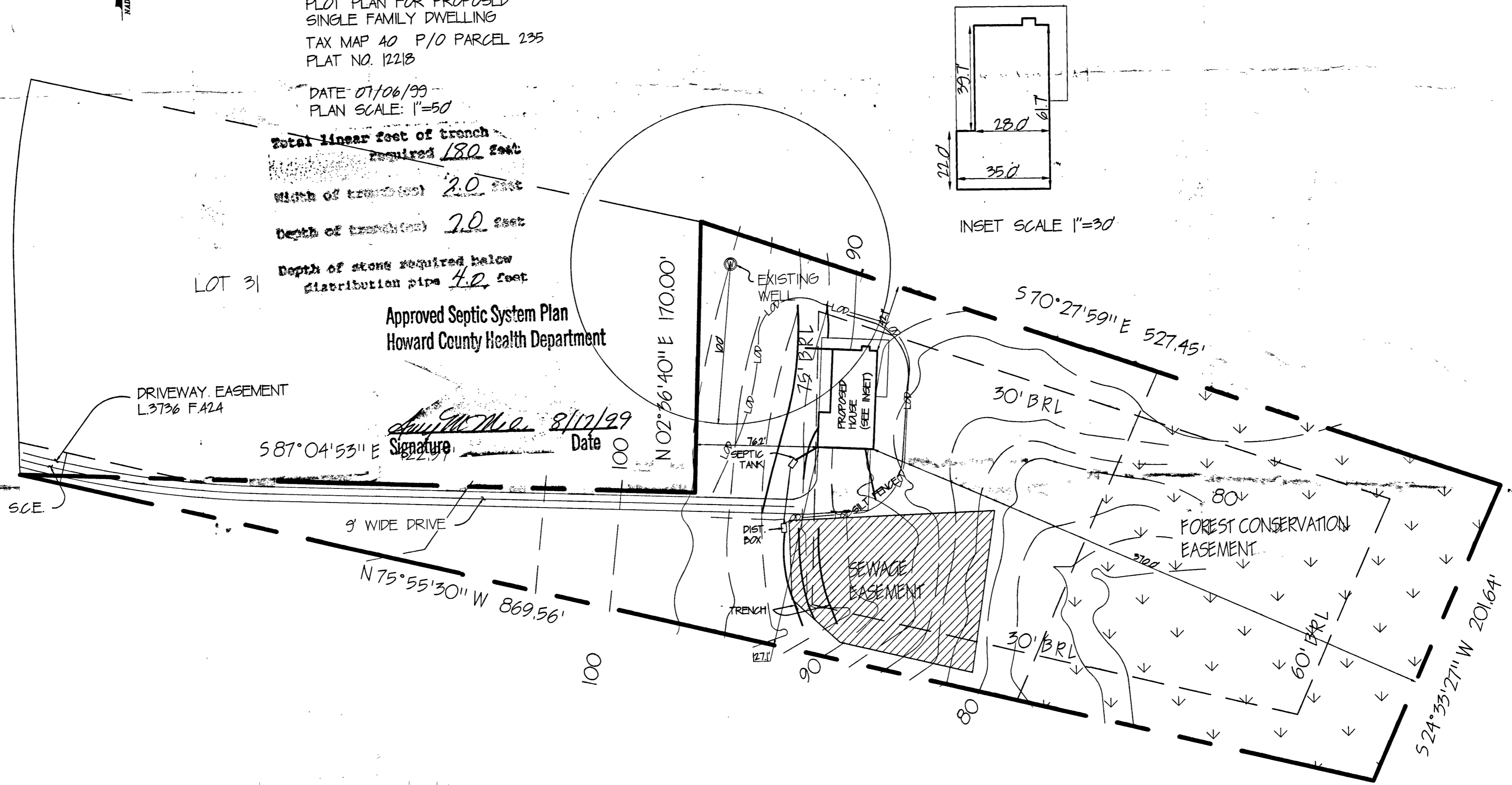
Total linear feet of trench required 180 feet  
 Width of trench(es) 2.0 feet  
 Depth of trench(es) 2.0 feet  
 Depth of stone required below distribution pipe 4.0 feet

LOT 31

Approved Septic System Plan  
 Howard County Health Department

DRIVEWAY EASEMENT  
 L.3736 F.424

*[Signature]* 8/17/99  
 Signature Date

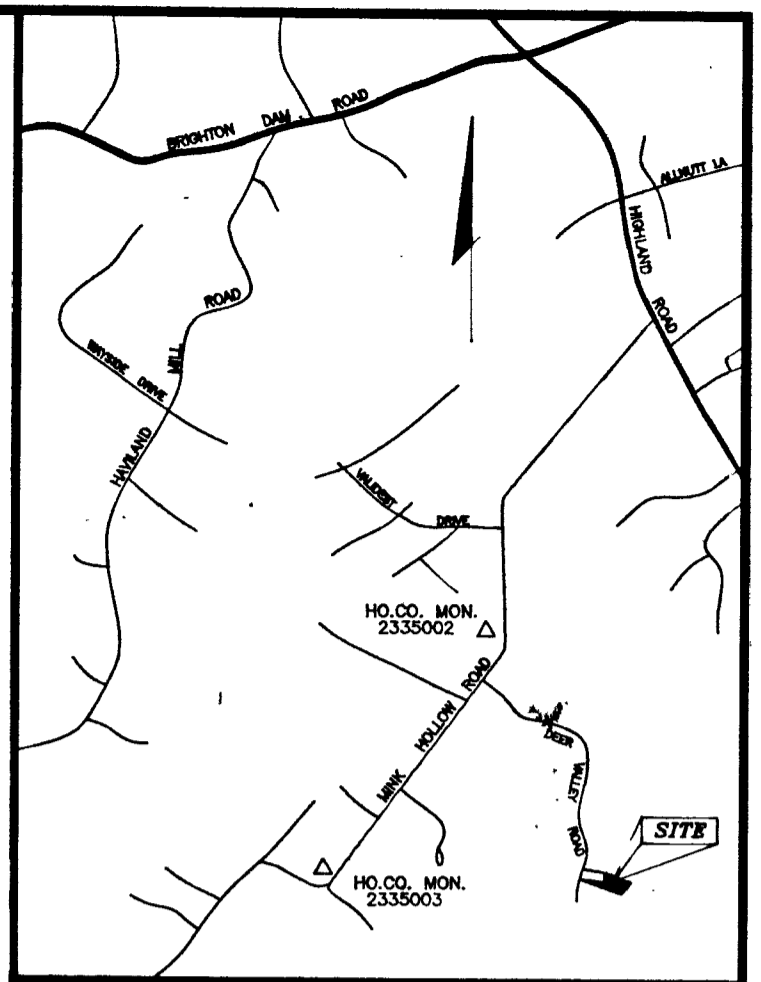


INSET SCALE 1"=30'

COORDINATE TABLE		
POINT	NORTH	EAST
1	488,856.237	806,191.067
2	488,834.699	806,613.493
3	489,004.523	806,621.238
4	488,828.165	807,118.327
5	488,644.768	807,034.525

GENERAL NOTES

- SINCE THIS IS A RESUBDIVISION OF LOT 31-A CISSEL FARM SECTION 3, COORDINATES ARE BASED ON NAD '27, MARYLAND COORDINATE SYSTEM AS SHOWN ON A PLAT ENTITLED "CISSEL FARM, SECTION 3", PLAT BOOK 9 FOLIO 54.
- THE LOTS SHOWN HEREON COMPLY WITH MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT SUBJECT PROPERTY ZONED RR PER 10/18/93 COMPREHENSIVE ZONING PLAN.
- COORDINATES BASED ON PLAT OF CISSEL FARM SECTION 3 RECORDED IN PLAT BOOK 9 IN FOLIO 54 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.
- BRL DENOTES BUILDING RESTRICTION LINE.
- DENOTES IRON PIN W/CAP SET
- DENOTES IRON PIPE OR IRON BAR FOUND.
- DENOTES ANGULAR CHANGE IN BEARING OF BOUNDARY OR RIGHTS-OF-WAY.
- DENOTES STONE OR MONUMENT FOUND.
- REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE TO BE PROVIDED AT THE JUNCTION OF PRIVATE 20 FOOT DRIVEWAY EASEMENT AND DEER VALLEY ROAD RIGHT-OF-WAY AND NOT ON TO AFFORESAID PRIVATE 20 FOOT WIDE ACCESS EASEMENT.
- THIS LOT IS SERVED BY PRIVATE WATER AND PRIVATE SEWER.
- DECLARATION OF MAINTENANCE OBLIGATION FOR PRIVATE DRIVEWAY EASEMENT SERVING LOT 44 IS RECORDED IN LIBER 276, FOLIO 0424 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

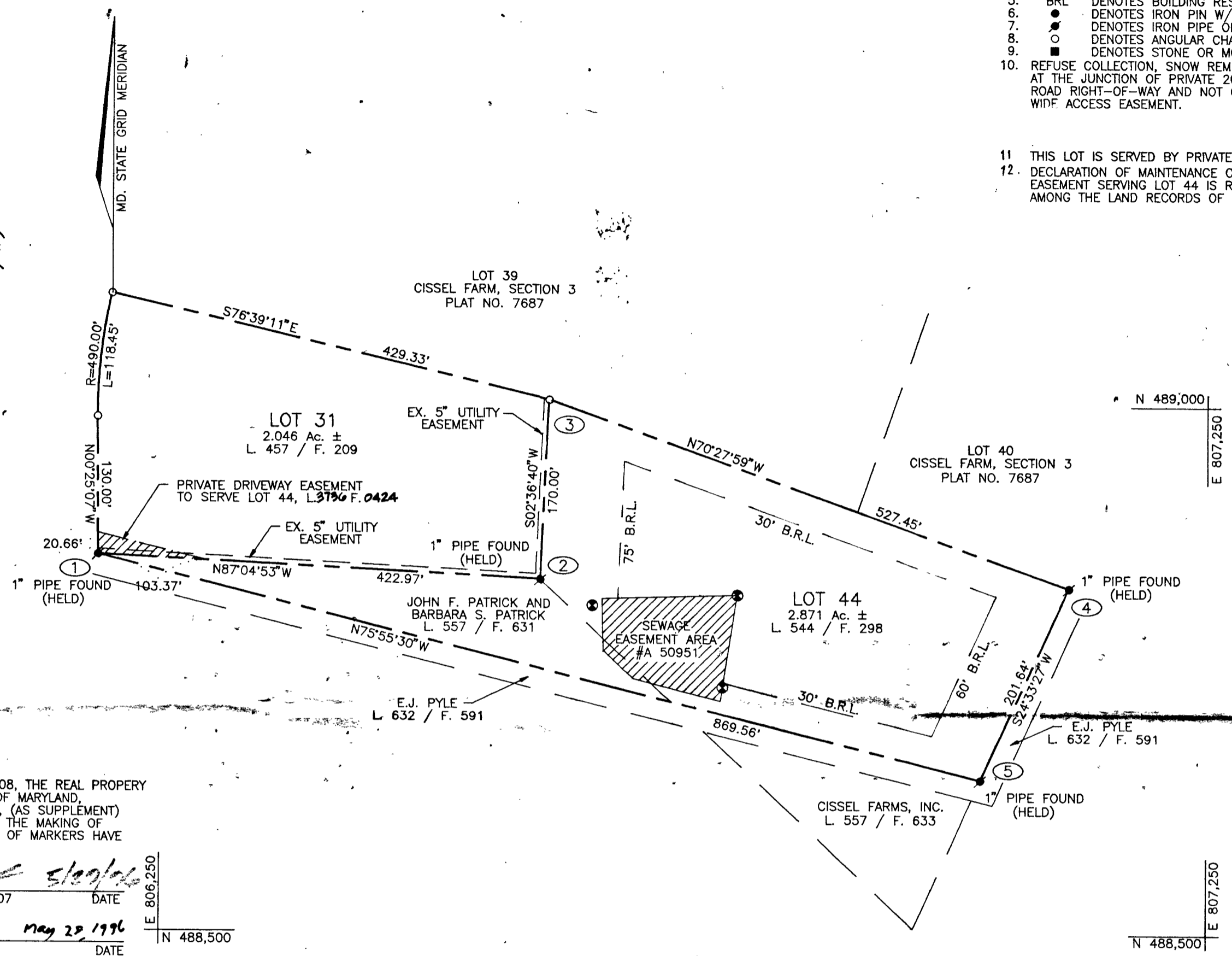


VICINITY MAP  
SCALE: 1"=2000'

GENERAL NOTES (CONT)

- THERE ARE NO WETLANDS ON THIS SITE.
- ALL AREAS ARE MORE OR LESS.
- IN ACCORDANCE WITH SECTION 16.124(G) OF THE COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS, THIS SUBDIVISION FULFILLS ITS LANDSCAPING REQUIREMENTS BY RETAINING EXISTING TREES ON THE NORTH, SOUTH AND EAST PROPERTY LINES AND THE PROPOSED TREE PLANTINGS ALONG REMAINING PROPERTY OUTLINE.
- THIS AREA DESIGNATES A MINIMUM 10,000 SQ FT PRIVATE SEWAGE EASEMENT REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BE NULL AND VOID UPON CONNECTION TO A PUBLIC SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
- DRIVEWAY(S) SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING (MINIMUM) REQUIREMENTS:
  - WIDTH - 12 FEET
  - SURFACE - SIX (6) INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING (1-1/2" MINIMUM);
  - GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND 45 FOOT TURNING RADIUS;
  - STRUCTURES (BRIDGES/CULVERTS) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25-LOADING)
  - DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100 YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE;
  - STRUCTURE CLEARANCES - MINIMUM 12 FEET;
  - MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.
- VARIANCE CASE NUMBER 95-73V WAS GRANTED JANUARY 30, 1996 BY THE HOWARD COUNTY BOARD OF APPEALS TO REDUCE THE MINIMUM LOT SIZE REQUIREMENT OF SECTION 105 E. I. b.(2) OF THE HOWARD COUNTY ZONING REGULATIONS FROM 3.00 ACRES TO 2.87 ACRES FOR LOT 44.
- WAIVER NO. WP-96-103 WAS GRANTED MAY 17, 1996 BY THE HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING TO WAIVE SECTIONS 16.120 (c)(2)(i), REQUIRING A MINIMUM OF 20 FEET OF FRONTAGE ON AN APPROVED STREET WITHIN A PUBLIC RIGHT-OF-WAY; AND SECTION 16.121(c)(2) AND (b), REQUIRING EITHER PROVISION OF LAND FOR OPEN SPACE REQUIREMENTS OR A FEE-IN-LIEU OF OPEN SPACE. APPROVAL IS GRANTED BASED ON A RECORDED DRIVEWAY EASEMENT TO SERVE LOT 44.

DEER VALLEY ROAD  
(PUBLIC ROAD, EXISTING 50' R/W)



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

*Erik C. Marks*  
ERIK C. MARKS, R.P.L.S. #607 DATE  
*John F. Patrick* May 22 1996  
JOHN F. PATRICK DATE  
*Barbara S. Patrick* 5/28/96  
BARBARA S. PATRICK DATE

**MVA** Marks & Vogel Associates, Inc.  
Engineers-Surveyors-Planners  
3691 Park Ave Suite #101  
Ellicott City, MD 21043

OWNERS  
JOHN F. PATRICK AND BARBARA S. PATRICK  
7113 DEER VALLEY ROAD  
HIGHLAND, MARYLAND 20777

AREA TABULATION

TOTAL NUMBER OF BUILDABLE LOTS TO BE RECORDED:	1
TOTAL NUMBER OF OPEN SPACE LOTS TO BE RECORDED:	0
TOTAL NUMBER OF LOTS TO BE RECORDED:	1
TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED:	2.871 AC
TOTAL AREA OF OPEN SPACE LOTS TO BE RECORDED:	0.000 AC
TOTAL AREA OF LOTS TO BE RECORDED:	2.871 AC
TOTAL AREA OF ROADWAY TO BE RECORDED:	0.000 AC
TOTAL AREA TO BE RECORDED:	2.871 AC

NOTE: THE PURPOSE OF THIS PLAT IS TO ESTABLISH LOT 44, BY CONSOLIDATING THE RESIDUAL LAND DESCRIBED IN A DEED DATED APRIL 24, 1971 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 557 AT FOLIO 633 WITH THE LAND DESCRIBED IN A DEED DATED APRIL 24, 1971 AND RECORDED AMONG SAID LAND RECORDS IN LIBER 557 AT FOLIO 631.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN FOR HOWARD COUNTY  
*James W. Bond* 6/2/96  
HOWARD COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
*Chris Damann* 6/14/96  
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE  
*James S. Scott* 6/21/96  
DIRECTOR DATE

OWNER'S CERTIFICATE

WE, JOHN F. PATRICK AND BARBARA S. PATRICK, 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 OR STREET RIGHT-OF-WAYS AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON; 2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE OF THE BEDS OF THE STREETS AND/OR ROADS, THE FLOOD PLAINS AND OPEN SPACE WHERE APPLICABLE AND FOR GOOD AND 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; 4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERCTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY. WITNESS OUR HANDS THIS 28th DAY OF MAY, 1996.

*John F. Patrick*  
JOHN F. PATRICK  
*Barbara S. Patrick*  
BARBARA S. PATRICK

*Michael D. Wentz*  
WITNESS  
*Michael D. Wentz*  
WITNESS

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT THAT IT IS A REPRESENTATION OF THE LAND CONVEYED BY: CISSEL FARMS INC., PARTY OF THE FIRST PART, (GRANTOR) TO JOHN F. PATRICK AND BARBARA S. PATRICK, HIS WIFE, PARTY OF THE SECOND PART (GRANTEE) BY DEED DATED APRIL 24, 1971 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 557 AT FOLIO 631 AND WILDLIFE ACHIEVEMENT CLUB CHAPTER OF THE IZAAK WALTON LEAGUE OF AMERICA INC., A MARYLAND CORPORATION, PARTY OF THE FIRST PART (GRANTOR) TO JOHN F. PATRICK AND BARBARA S. PATRICK, HIS WIFE, PARTY OF THE SECOND PART (GRANTEE) BY DEED DATED OCTOBER 28, 1970 AND RECORDED AMONG THE AFORESAID LAND RECORDS IN LIBER 544 AT FOLIO 298; I FURTHER CERTIFY THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE 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.

*Erik C. Marks* 5/29/96  
ERIK C. MARKS, REGISTERED PROPERTY LINE SURVEYOR DATE  
MARYLAND LICENSE NO. 607

RECORDED AS PLAT No. 12218 ON 6-26-96  
AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

CISSEL FARM SECTION 3  
LOT 44 A RESUBDIVISION OF LOT 31-A  
ZONED RR

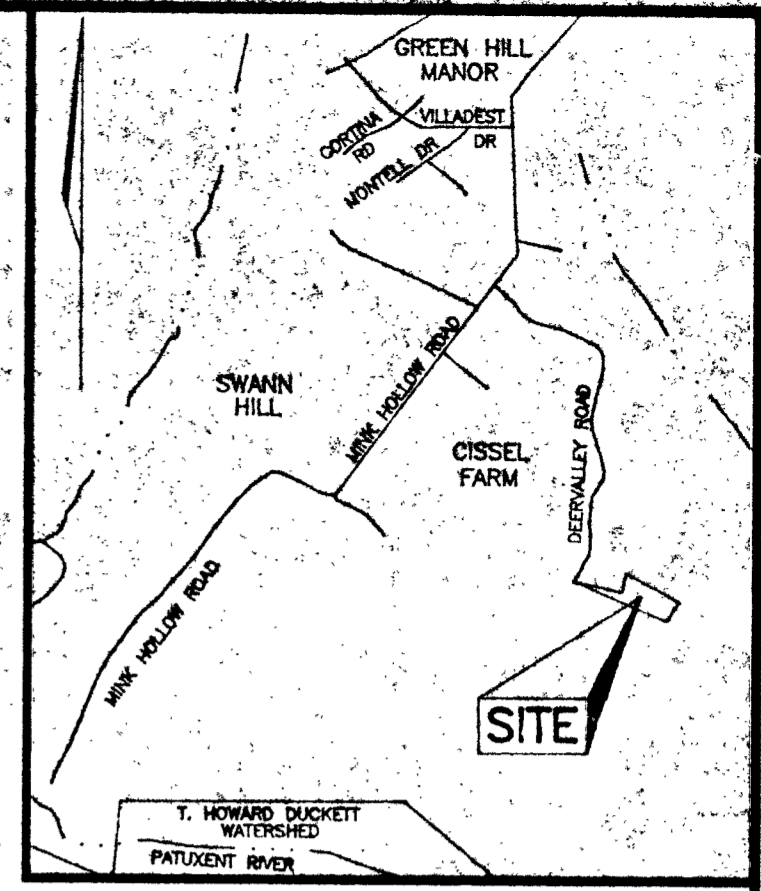
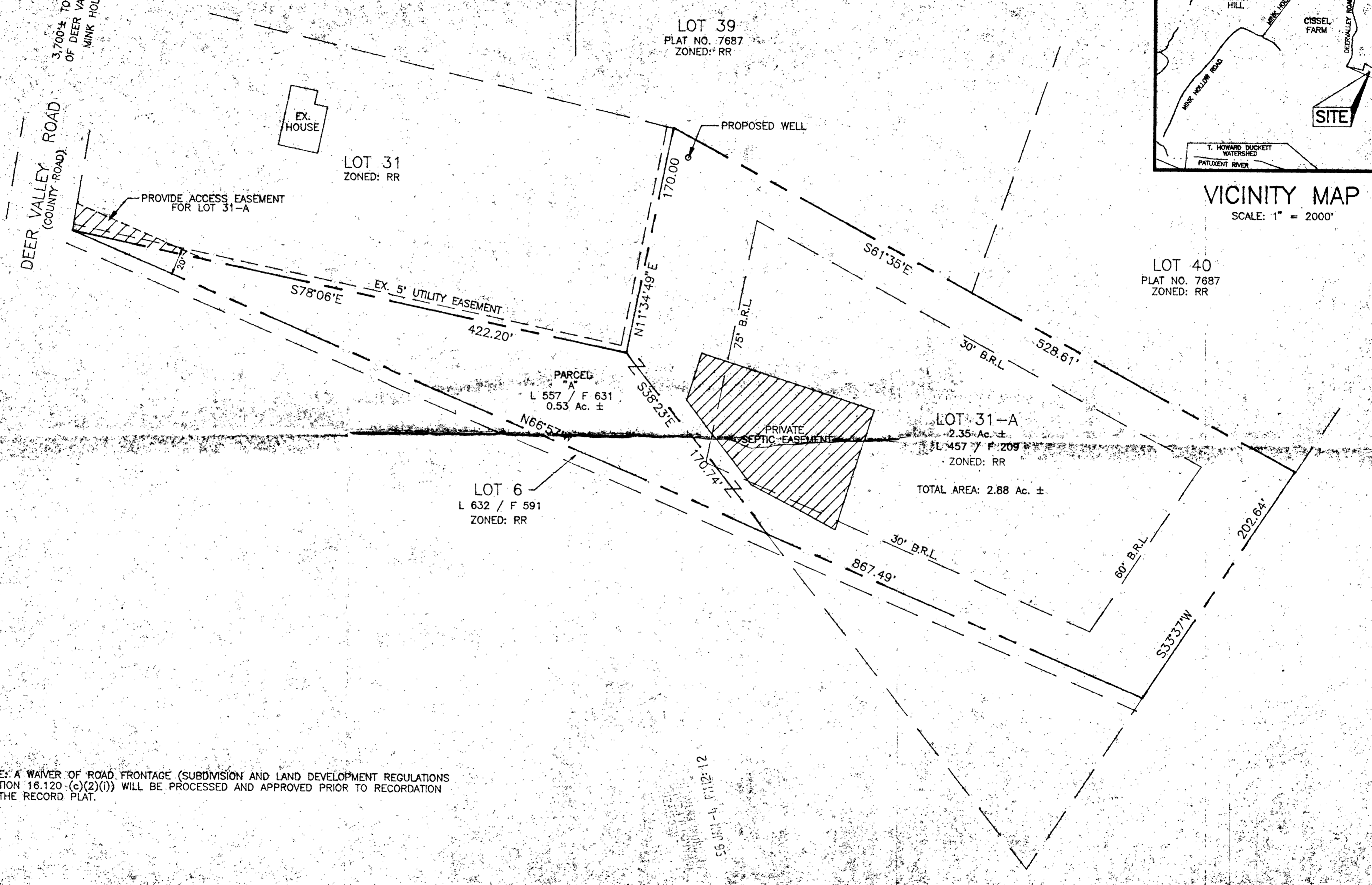
REFERENCE:  
5TH ELECTION DISTRICT  
TAX MAP NO-40 GRID-9 PARCEL: P/O 235  
HOWARD COUNTY, MARYLAND  
DATE: MAY 28, 1996

GRAPHIC SCALE  
0 100 150 200 300

SCALE: 1"=100'  
SHEET 1 OF 1  
F 96-141

ACADFILE: C:\ACAD\JOBS\PATRICK.PATSUB.DWG

DEER VALLEY ROAD  
(COUNTY ROAD)  
3,700'± TO INTERSECTION  
OF DEER VALLEY RD AND  
MINK HOLLOW RD.



VICINITY MAP  
SCALE: 1" = 2000'

LOT 40  
PLAT NO. 7687  
ZONED: RR

LOT 31  
ZONED: RR

LOT 39  
PLAT NO. 7687  
ZONED: RR

LOT 6  
L 632 / F 591  
ZONED: RR

LOT 31-A  
2.35 Ac. ±  
L 457 / F 209  
ZONED: RR  
TOTAL AREA: 2.88 Ac. ±

PARCEL  
"A"  
L 557 / F 631  
0.53 Ac. ±

NOTE: A WAIVER OF ROAD FRONTAGE (SUBDIVISION AND LAND DEVELOPMENT REGULATIONS SECTION 16.120 (c)(2)(i)) WILL BE PROCESSED AND APPROVED PRIOR TO RECORDATION OF THE RECORD PLAT.

95 DEC 29 AM 11:37

56 JUN 14 PM 12:12

ATTORNEY  
FRED L. COOVER, ESQUIRE  
THE LAW OFFICES OF FRED L. COOVER, P.C.  
10500 LITTLE PATUXENT PARKWAY  
SUITE 700, PARKSIDE BLDG.  
COLUMBIA, MARYLAND 21044  
(410) 997-7600

PETITIONER AND PROPERTY OWNER:  
JOHN F. PATRICK AND BARBARA S. PATRICK  
7113 DEER VALLEY ROAD  
HIGHLAND, MARYLAND 20777  
(301) 596-9395



Marks & Vogel Associates, Inc.  
Engineers-Surveyors-Planners

SCALE 1"=50'  
DRAWN BY M.D.M.  
CHECKED BY R.H.V.  
DATE DEC. 1995  
W. O. #

PLAN TO ACCOMPANY VARIANCE PETITION  
OF  
LOT 31-A AND PARCEL "A"  
CISSEL FARM  
ZONED: RR  
TAX MAP #40  
5TH ELECTION DISTRICT  
P/O PARCEL 235  
HOWARD COUNTY, MARYLAND



Department of Planning and Zoning  
Howard County, Maryland  
Recommendations/Comments

Date: 1/2/96

Hearing Dates:

Planning Board n/a Board of Appeals 1/30/96 Zoning Board \_\_\_\_\_

Petition No. BA 95-73V Map No. 40 Block 3 & 9 Parcel 235 Lot 31B

Return comments by 1/15/96 to Comprehensive Planning and Zoning Administration.

Location of Property: E side of Deer Valley Rd (7113 Deer Valley Rd)

Applicant: John and Patrick Patrick

Applicant's Address: 7113 Deer Valley Rd, Highland, MD 20777

Owner: (if other than applicant) same as above

Owner's Address: \_\_\_\_\_

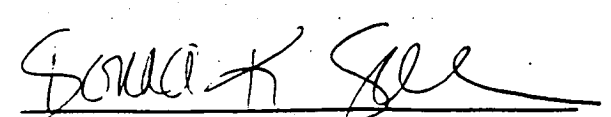
Petition: Variance to reduce the 3-acre minimum lot size to 2.880 acres.

\*\*\*\*\*

- TO:
- Department of Education
  - Bureau of Environmental Health
  - Development Engineering Division
  - Department of Inspections, Licenses and Permits
  - Department of Recreation and Parks
  - Department of Fire and Rescue Services
  - State Highway Administration
  - Mark Paterni, Howard County Police Department
  - James Irvin, Department of Public Works
  - MD Depart. of Human Resources, Fran Sterner (child day care)
  - Office on Aging, Tricia Olsen (senior assisted living)

COMMENTS: No objection. Proposal is consistent with attached Percolation Certification Plan approved by County Health Officer on 01-16-96.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

  
(Signature)