

Tag ID - 01-180436

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 47434

A REPAIR

DISTRICT \_\_\_\_\_

DATE 9/28/91

DATE SYSTEM APPROVED 3/15/91

INSPECTOR RH

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

INDEXED

Jack Fyock, Septic Service IS PERMITTED TO INSTALL \_\_\_\_\_ ALTER X

ADDRESS 13775 Triadelphia Road, Glenelg, Maryland 21737 PHONE 988-9270

SUBDIVISION 4887 LOT 13775 Le ROAD 4887 Wharff Lane

PROPERTY OWNER Russel & Pauline Smith John Keller

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1000 GALLONS CONCRETE

NUMBER OF BEDROOMS 3

\_\_\_\_\_ SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED \_\_\_\_\_

REPAIR - TO REPLACE COLLAPSED SEPTIC TANK. CALL FOR INSPECTION WHEN GROUND IS OPENED SO  
SANITARIAN CAN RECOMMEND REPAIR.

PLANS APPROVED BY Craig Williams cm DATE 03/15/91

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**

47434

|     |    |     |     |     |     |
|-----|----|-----|-----|-----|-----|
|     | 50 | 100 | 150 | 200 | 250 |
| 250 |    |     |     |     |     |
| 200 |    |     |     |     |     |
| 150 |    |     |     |     |     |
| 100 |    |     |     |     |     |
| 50  |    |     |     |     |     |

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL \_\_\_\_\_ CLEANOUTS \_\_\_\_\_

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

DRAIN FIELD/TITLE DEPTH \_\_\_\_\_ FT. TRENCH WIDTH \_\_\_\_\_ FT. INLET DEPTH \_\_\_\_\_ FT.

EFFECTIVE GRAVEL DEPTH \_\_\_\_\_ FT. TOTAL LENGTH \_\_\_\_\_ FT.

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

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

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

REMARKS: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

DATE SYSTEM APPROVED 3/15/91 INSPECTOR Raymond H. Budge

# COORDINATE TABLE

| No. | NORTH      | EAST       |
|-----|------------|------------|
| 88  | 511576.518 | 864149.184 |
| 132 | 511149.876 | 863821.931 |
| 270 | 511624.193 | 863990.673 |
| 272 | 511338.029 | 863642.180 |
| 273 | 511128.815 | 863805.776 |
| 274 | 511225.471 | 863740.571 |
| 281 | 511353.496 | 863661.016 |
| 282 | 511253.772 | 863748.514 |
| 292 | 511234.243 | 863765.608 |

# CURVE DATA

| CURVE   | RADIUS  | ARC     | DELTA     | TANGENT | CHORD BEARING | CHORD   |
|---------|---------|---------|-----------|---------|---------------|---------|
| 292-282 | 99.84'  | 26.03'  | 14°56'12" | 13.09'  | N 41°11'45" W | 25.95'  |
| 282-281 | 515.00' | 133.04' | 14°48'03" | 66.89'  | N 41°15'49" W | 132.67' |

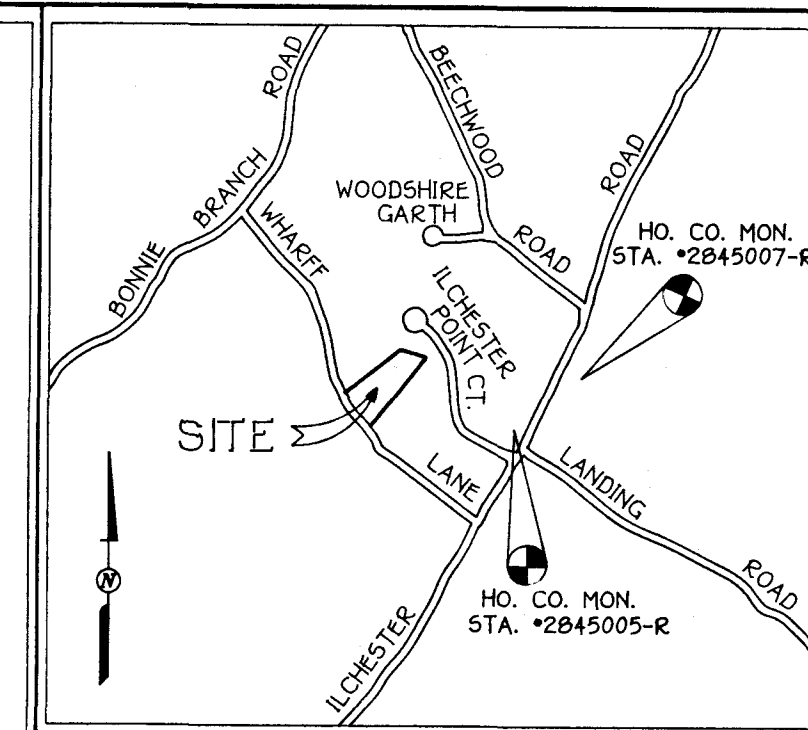
# MINIMUM LOT SIZE CHART

| LOT No. | GROSS AREA  | PIPESTEM AREA | REMAINING AREA | 100 YEAR FLOODPLAIN | 25% SLOPES | MINIMUM LOT SIZE |
|---------|-------------|---------------|----------------|---------------------|------------|------------------|
| 1       | 56,597 s.f. | 9,416 s.f.    | 47,181 s.f.    | —                   | —          | 47,181 s.f.      |
| 2       | 39,669 s.f. | —             | 39,669 s.f.    | —                   | 8,405 s.f. | 31,264 s.f.      |

PLANS FOR PUBLIC WATER SYSTEMS FOR LOT 2 HAVE BEEN APPROVED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT, AND THESE FACILITIES WILL BE AVAILABLE TO ALL LOTS OFFERED FOR SALE.

*Pauline M. Smith*  
PAULINE M. SMITH

7/1/94  
DATE

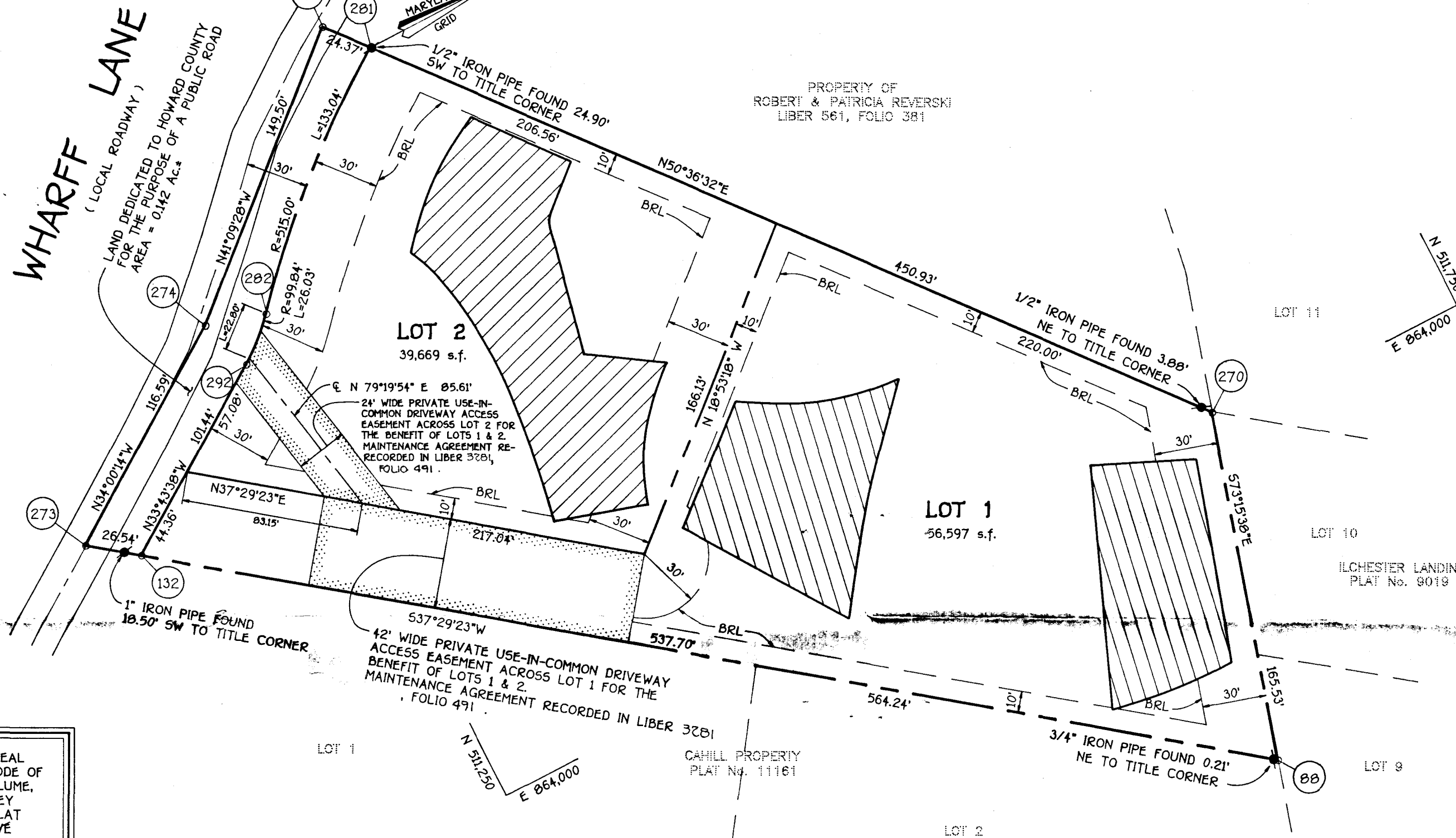


# VICINITY MAP

SCALE: 1" = 1200'

# GENERAL NOTES:

- SUBJECT PROPERTY ZONED R-20 PER 10/18/1993 COMPREHENSIVE ZONING PLAN.
- COORDINATES BASED ON NAD '27, MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS No. 2845005-R AND No. 2845007-R.  
STA. 2845005-R  
N 511002.470  
E 864744.085  
STA. 2845007-R  
N 511586.199  
E 865085.329
- THIS PLAT IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY BY FISHER, COLLINS AND CARTER, INC. PERFORMED ON OR ABOUT DECEMBER 27, 1993 USING THE ADJOINING SUBDIVISION OF CAHILL PROPERTY AND ILCHESTER LANDING SUBDIVISION PLAT MERIDIAN WHICH ARE BOTH BASED ON THE NAD '27 MARYLAND COORDINATE SYSTEM.
- B.R.L. DENOTES BUILDING RESTRICTION LINE.
- DENOTES IRON PIN SET CAPPED "F.C.C. 106".
- DENOTES IRON PIPE OR IRON BAR FOUND.
- DENOTES ANGULAR CHANGE IN BEARING OF BOUNDARY OR RIGHTS-OF-WAY.
- DENOTES CONCRETE MONUMENT SET WITH ALUMINUM PLATE "F.C.C. 106".
- DENOTES CONCRETE MONUMENT FOUND.
- THERE IS AN EXISTING DWELLING ON LOT 1 TO REMAIN.
- DRIVEWAYS SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
  - WIDTH - 16 FEET
  - SURFACE - 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 MINIMUM OF 45 FOOT TURNING RADIUS.
  - STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING).
  - DRAINAGE EASEMENTS - 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.
- ALL LOT AREAS SHOWN ARE MORE OR LESS (±).
- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE 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 VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- THIS PROJECT IS EXEMPT FROM PROVIDING STORM WATER MANAGEMENT DUE TO DISTURBANCE UNDER 5,000 Sq.ft. AND IN ACCORDANCE WITH APPROVAL UNDER F94-109.
- ALL NEW ADDITIONS TO THE EXISTING DWELLING ON LOT No. 1 MUST MEET THE REQUIRED BUILDING RESTRICTION LINES AS SHOWN ON THE PLAT.
- 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 LINE ONLY AND NOT ONTO THE FLAG OR PIPESTEM LOT DRIVEWAY.
- THE PRESENT SUBDIVISION IS CONSIDERED EXEMPT FROM SECTION 16.1200 OF THE CODE. THIS EXEMPTION APPLIES ONLY TO THIS SUBDIVISION PROPOSAL (F94-109). FURTHER SUBDIVISION OF PROPOSED LOT 1 WILL RESULT IN THE EXEMPTION BEING NULLIFIED AND APPLICATION OF THE FOREST CONSERVATION PROGRAM TO THE CUMULATIVE AREA OF NEW LOTS CREATED BY THIS PROPOSAL AND ANY SUBSEQUENT SUBDIVISION PROPOSALS.



THE REQUIREMENTS § 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.

TERRELL A. FISHER, (SURVEYOR)  
*Pauline M. Smith*  
PAULINE M. SMITH, (OWNER)

# AREA TABULATION

|  |            |
|--|------------|
| TOTAL NUMBER OF BUILDABLE LOTS TO BE RECORDED  | 2          |
| TOTAL NUMBER OF OPEN SPACE LOTS TO BE RECORDED | 0          |
| TOTAL NUMBER OF LOTS TO BE RECORDED            | 2          |
| TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED    | 2.210 Ac.± |
| TOTAL AREA OF OPEN SPACE LOTS TO BE RECORDED   | 0.000 Ac.± |
| TOTAL AREA OF LOTS TO BE RECORDED              | 2.210 Ac.± |
| TOTAL AREA OF ROADWAY TO BE RECORDED           | 0.142 Ac.± |
| TOTAL AREA TO BE RECORDED                      | 2.352 Ac.± |

# OWNER AND DEVELOPER

PAULINE M. SMITH  
4887 WHARFF LANE  
ELLICOTT CITY, MARYLAND 21043

NOTE: UPON TRANSFER OF OWNERSHIP OF LOT 1

THE EXISTING WELL ON LOT 1 SHALL BE ABANDONED AND THE OWNER WILL CONNECT LOT 1 TO PUBLIC WATER SUPPLY

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
9171 BALTIMORE NATIONAL PIKE, SUITE 100  
ELLICOTT CITY, MARYLAND 21042  
(410) 488-2995

# OWNER'S CERTIFICATE

PAULINE M. SMITH, OWNER 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 EASEMENT AREAS 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 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 RIGHTS-OF-WAY. WITNESS MY HAND THIS 7<sup>th</sup> DAY OF JULY, 1994.

*Pauline M. Smith*  
PAULINE M. SMITH

*Pauline M. Smith*  
WITNESS

# SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION COMPRISED OF ALL OF THE LAND CONVEYED BY RUSSELL F. SMITH AND PAULINE M. SMITH, HIS WIFE, TO PAULINE M. SMITH BY DEED DATED JANUARY 11, 1978 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER No. 866 AT FOLIO No. 64, AND 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.

*Terrell A. Fisher*  
TERRELL A. FISHER, L.S. No. 10692

7/1/94  
DATE

RECORDED AS PLAT No. 11309 ON August 10, 1994  
AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

# SMITH PROPERTY

LOTS 1 AND 2

ZONING: 'R-20'

TAX MAP No. 31 PARCEL NO. 256

FIRST ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
DATE: JUNE 22, 1994



SCALE IN FEET  
SHEET 1 OF 1  
F-94-109

F-94-109

# APPLICATION

PERCOLATION TESTING

A 49839

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 1-20-94

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 PAULINE SMITH

ADDRESS 4887 WHARFF LANE ELLICOTT CITY MD. 21043 PHONE 744-0682

AGENT OR PROSPECTIVE BUYER FISHER COLLINS & CARTER INC. c/o Zacharia Fisch.

ADDRESS 9171 BALTO. NATIONAL PIKE SUITE 100 ELLICOTT CITY MD. 21042 PHONE 461-2855

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. R1 EXISTING HOUSE

ROAD AND DESCRIPTION WHARFF LANE

TAX MAP 31 PARCEL # 473

SIZE OF LOT 1.3 AC. TYPE BLDG. S.F.D.  
(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. Zacharia J. Fisch (Agent)  
(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 #

0' A

Trunk  
Elk 1/2

6' Hesperomys  
Coryphomys

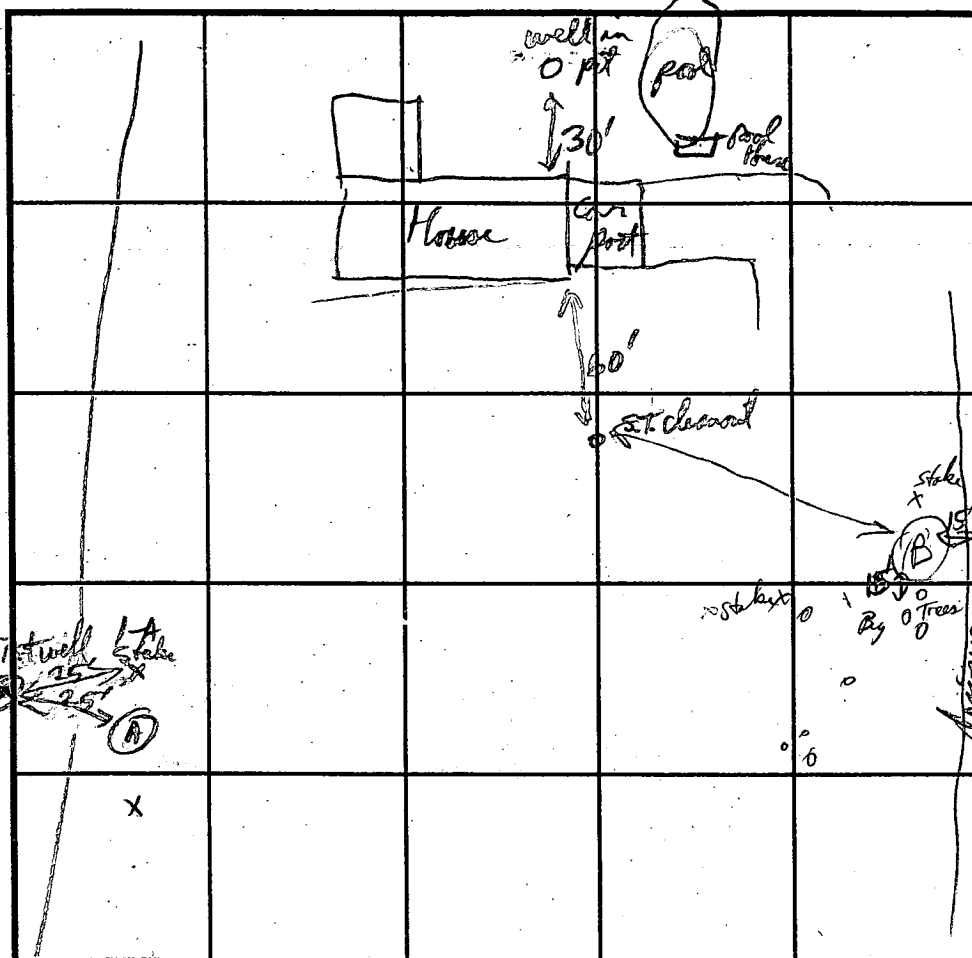
3' HL-HSL  
protest  
mix  
SIL-SL  
Hibern  
-MylRan

No TSL  
Rock Rpt  
Seen

12'

## B

Ban SL  
 Topsoil  
 Organic  
 variegated  
 CO SL  
 Str. Spherulite  
 Irregular  
 Translucent  
 CO SL -  
 Grey  
 (black & white)  
 weathered  
 quartz (Sands)  
 Rock  $\rightarrow$  Str. Sph.  
 diggs like Rock  
 sand soil with  
 m.p.i.  $\rightarrow$  cement  
 to gravel & pe  
 6% Str. Spherulite  
 + Rock 65-75



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

| DATE   | TEST NO. | DEPTH  | PRE-WET                                       |                                | TEST - 1" DROP                 |          | TIME            |
|--------|----------|--------|---|--------------------------------|--------------------------------|----------|-----------------|
|        |          |        | START   | STOP                           | START                          | STOP     |                 |
| 2/7/94 | A        | 4 1/2  | 11:15:45                                      | 11:23:00                       | 11:23:00                       | 11:34    | 11 min          |
|        | ✓ 12'    | 7 1/2  | 11:15:00                                      | 11:19:00                       | 11:19:00                       | 11:24:30 | 5 1/2 min       |
|        | B        | 1 1/2  | retest 12:07:30<br>12:07:00                   | 12:08:25 (1")<br>12:02:24 (2") | 12:08:25 (1")<br>12:07:00 (2") | 12:12:14 | 2 min           |
|        |          | ✓ 9'   | > 50% - Contractor Refused to Dig Again Shoff |                                |                                |          | From No Bubbles |
|        |          | 5'     | 12:24:34                                      | 12:24:56                       | 12:25:42                       | (2")     | 46 sec          |
|        |          | retest | 12:26:01                                      | 12:26:58                       | 12:28:04                       |          | 66 sec          |
|        |          | retest | 12:28:35                                      | 12:29:55                       | 12:31:8                        | 12:31:8  | 81 sec          |
|        |          | retest | 12:32:45                                      | 12:37:27                       | 12:36:48                       |          | 1 min 53 sec    |
|        |          |        |   |                                |                                |          |                 |
|        |          |        |   |                                |                                |          |                 |
|        |          |        |   |                                |                                |          |                 |

REMARKS Unable To Test Around Hole B Due to frozen Ground - No Traction on Bldg or when

TYPE OF SOIL brackish

TESTED BY

ALSO PRESENT *Alan L. Thomas*

**TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME**

### TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM