

10/26/98  
10:00  
8/28/98 a.m.  
9/9/98 wpt a.m.  
12/1/98 anytime

# PERMIT

## SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

05-417821

P 510643

A 49474

DISTRICT 5th

DATE 8/25/98

DATE SYSTEM APPROVED 12.11.98

INSPECTOR Km

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XX461933X~~

410-313-2640

INDEXED

Collins Company

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 7702 Gaither Road Sykesville, MD 21784

PHONE (410) 795-8618

SUBDIVISION Hartman Property

LOT 2

ROAD 14496 Triadelphia Mill Road

PROPERTY OWNER

Kazem & Susan Ashtianie

(410) 233-5159

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 2 1/2 feet below original grade. Bottom maximum depth 4 1/2 feet below original grade. Effective area begins at 2 1/2 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 20 feet from left (627.04' N10 07'46"W) property line and 140 feet from rear (160.40' N79 21'06"E) property line. Install trenches on contour toward rear property corners.

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

OK Km 2/27/98

PLANS APPROVED BY Ronald J. Pinkley/Amy McMillen

DATE 02/25/98

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

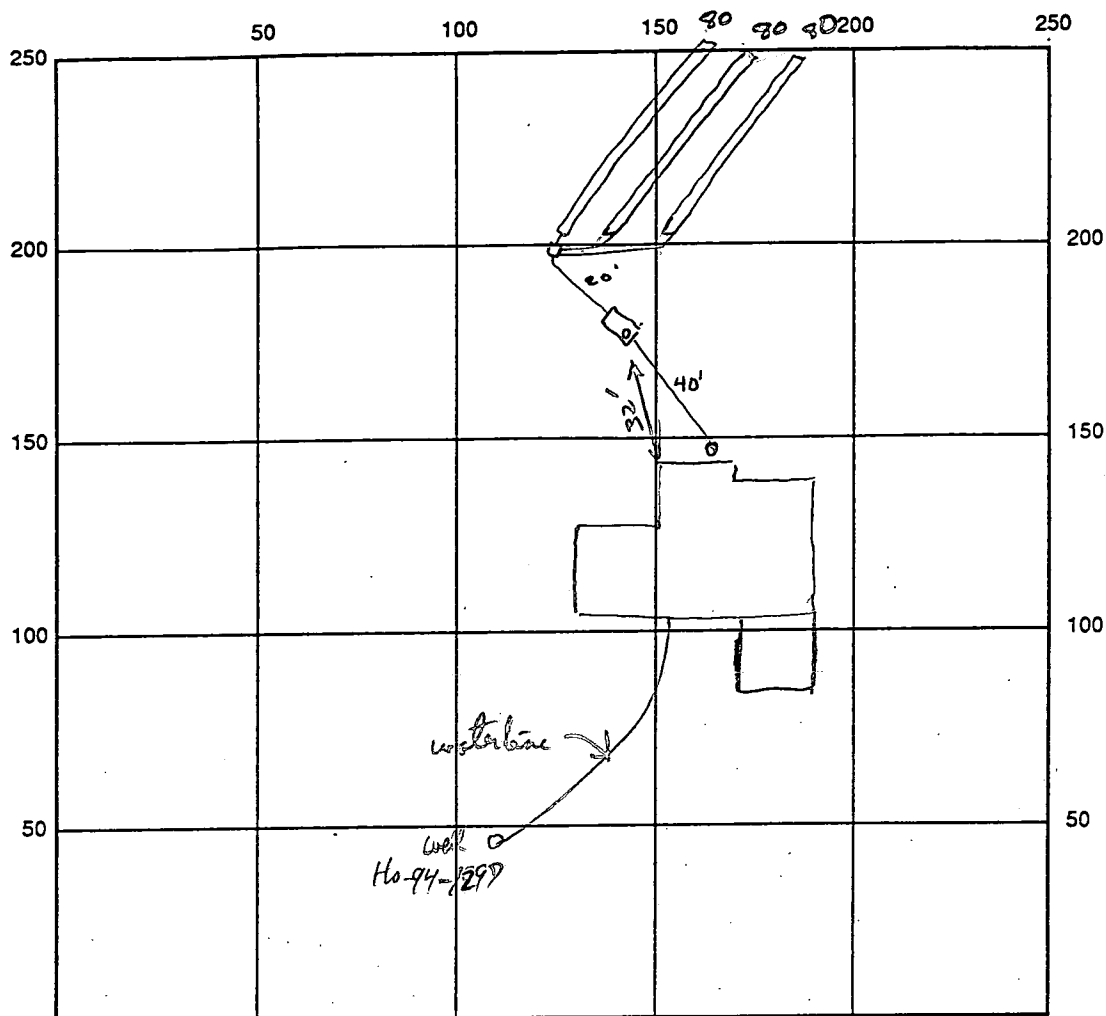
PERMIT VOID AFTER TWO YEARS

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

A 49474



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK 1250 gal CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK baffle is in

DRAIN FIELD/TITLE DEPTH 4.5 FT. TRENCH WIDTH 3.0 FT. INLET DEPTH 2.5 FT.

EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH 240 FT.  $\frac{240}{720}$

NUMBER OF TRENCHES 80 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER        FT. EFFECTIVE DEPTH BELOW INLET 2.0 FT.

ABSORBENT AREA        SQ. FT.

REMARKS: 8/27/98 Due to elevation problems & proper cover on ST- ST location  
moved to 10-20' off DB. 8/28/98 OK to cover system - house  
connection needed. All No House connection yet 9/9/98 RJP

12/11/98 WPI - OK to cover, P.A. 3' below grade, casing 8" above grade, has 2pc cap (RM)

8/11/98 WPI Told Collins to cover w/o inspection - done 8/10/98, not written in for insp. so no insp.  
WPI - 9/9/98 - Not ready (clean hole drilled but better adapter not yet installed) RJP (No one there) Acr

DATE SYSTEM APPROVED 12.11.98 INSPECTOR Kimberly Maiste

12/11/98 has house connection, seen inside house, water not yet connected (RM)

8/10/93

# APPLICATION

## PERCOLATION TESTING

A 49474

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

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

DISTRICT \_\_\_\_\_

DATE 7/22/93

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 FRANK AND CAROLYN HARTMAN KAZEM + SUSAN ASHTIANIE

ADDRESS 14498 TRIADELPHIA MILL Rd. PHONE (301) 596-9414  
DAYTON MD. 21036

AGENT OR PROSPECTIVE BUYER FISHER COLLINS AND CARTER INC. % ZACHARIA FISCH

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

PROPERTY LOCATION:

14496  
SUBDIVISION TRIADELPHIA MILL ROAD LOT NO. Final lot 2

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP 27 PARCEL # 96

SIZE OF LOT 3 AC. ± TYPE BLDG. S.F.D. - 4 Brm  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED

AND RETURNED 2-25-95

Serial # B7110004

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 Y. Fisch (agent)  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

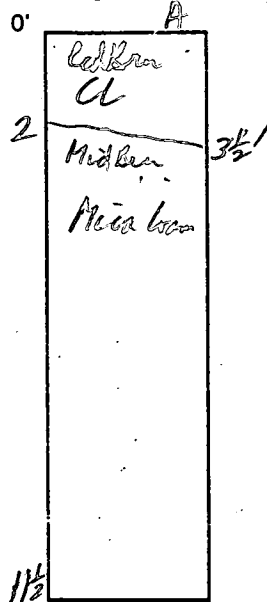
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

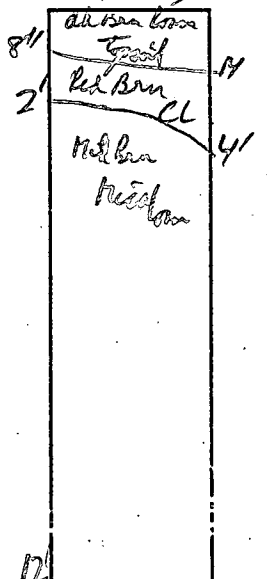
# THIS IS NOT A PERMIT

lot 7 49474  
COUNTY #

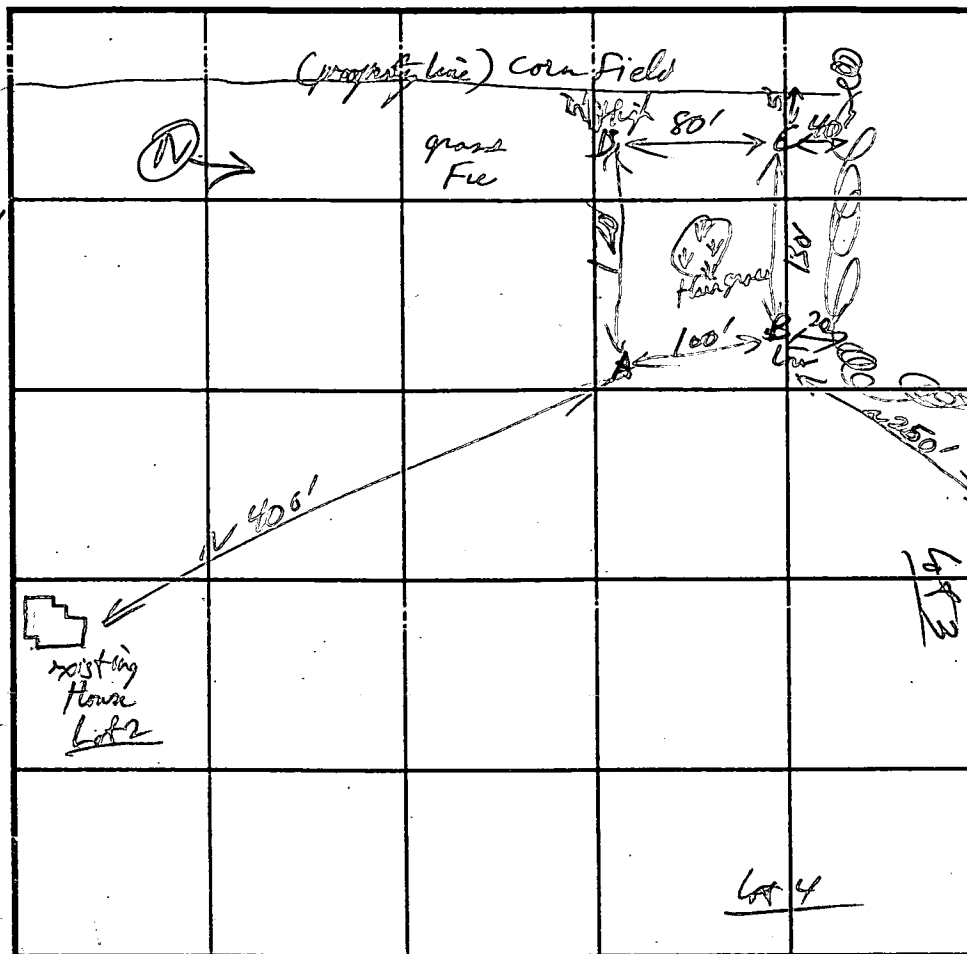
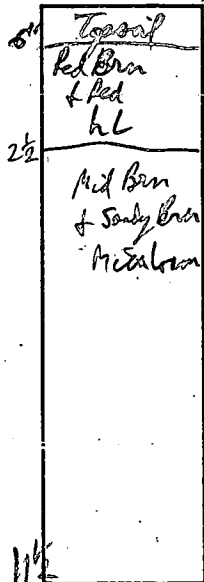
SOIL PROFILE A



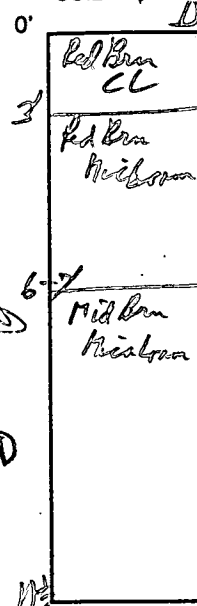
West End



C



SOIL PROFILE D



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/10/93	A	1 1/2' 3'	12:58:10	1:01:00	1:01:00	1:03:37	2 1/2 min
	B	1 1/2' 3'	1:07:50	1:10:00	1:10:00	1:12:30	2 1/2 min
	C	1 1/2' 3'	1:18:30	1:21:00	1:21:00	1:24:30	3 1/2 min
		7	1:18:50	1:20:00	1:20:00	1:21:40	1m 40 sec OK
	D	1 1/2'	OK below 3'				OK

REMARKS \_\_\_\_\_  
 TYPE OF SOIL Cherty / Manganese OK for Shallow System  
 TESTED BY Fuller ALSO PRESENT \_\_\_\_\_  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 12 1/2 min TRENCH WIDTH 3  
 INLET DEPTH 2 1/2 MAXIMUM BOTTOM DEPTH 4 1/2 SQ. FT./BEDROOM 180

N13°43'38"W 43.12'	N13°18'08"W 20.07'
N10°09'41"W 52.03'	N09°33'15"W 22.22'
N24°07'29"W 48.02'	N76°41'56"E 27.06'

108, THE REAL PROPERTY OF MARYLAND, 1988 (AS SUPPLEMENTED) AS TO THE MAKING OF THIS OF MARKERS HAVE BEEN

*[Signature]* 8/24/94  
DATE  
Hartman 8-24-94  
DATE  
*[Signature]* 8-25-94  
DATE  
\*10692

**YEAR DRAINAGE EASEMENT**

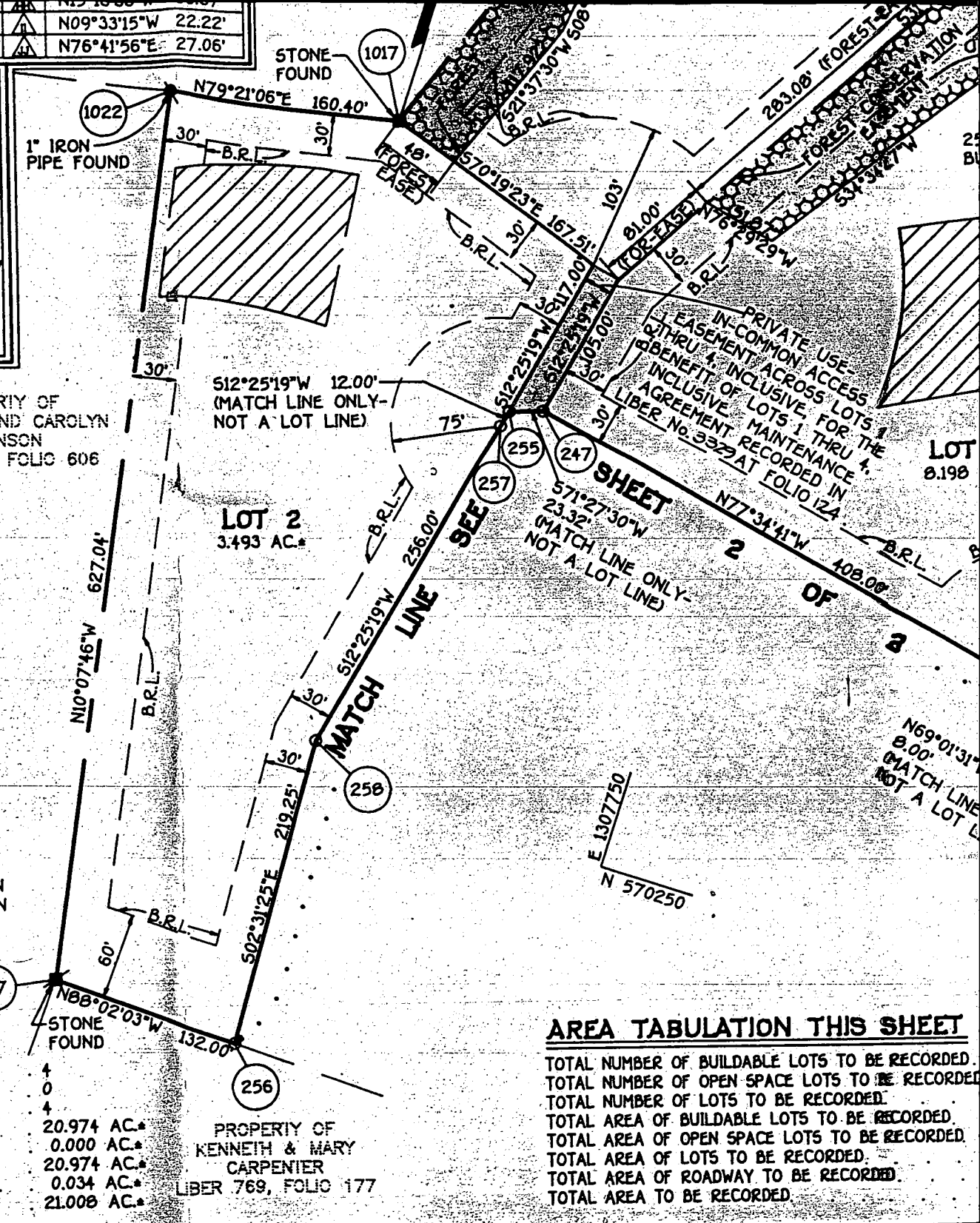
DISTANCE

82.00'
106.51'
137.21'
229.33'
256.78'
36.93'
71.29'
52.69'
299.00'
183.00'
221.76'
99.01'

FOREST CONSERVATION ESTABLISHED TO FULFILL SECTION 16.1200 OF THE FOREST CONSERVATION GRADING OR CONSTRUCTION THE FOREST CONSERVATION FOREST MANAGEMENT IN THE DEED OF FOREST EMENT ARE ALLOWED.

**NOTION ALL SHEETS**

ABLE LOTS TO BE RECORDED.  
SPACE LOTS TO BE RECORDED.  
TO BE RECORDED.  
E LOTS TO BE RECORDED.  
CE LOTS TO BE RECORDED.  
BE RECORDED.  
TO BE RECORDED.  
RDED.



20.974 AC.\*  
0.000 AC.\*  
20.974 AC.\*  
0.034 AC.\*  
21.008 AC.\*

PROPERTY OF  
KENNETH & MARY  
CARPENTER  
LIBER 769, FOLIO 177

**AREA TABULATION THIS SHEET**

TOTAL NUMBER OF BUILDABLE LOTS TO BE RECORDED.  
TOTAL NUMBER OF OPEN SPACE LOTS TO BE RECORDED.  
TOTAL NUMBER OF LOTS TO BE RECORDED.  
TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED.  
TOTAL AREA OF OPEN SPACE LOTS TO BE RECORDED.  
TOTAL AREA OF LOTS TO BE RECORDED.  
TOTAL AREA OF ROADWAY TO BE RECORDED.  
TOTAL AREA TO BE RECORDED.

WATER AND PRIVATE SEWERAGE  
HARD COUNTY HEALTH DEPARTMENT.

*[Signature]* 10-19-94  
HEALTH OFFICER DATE

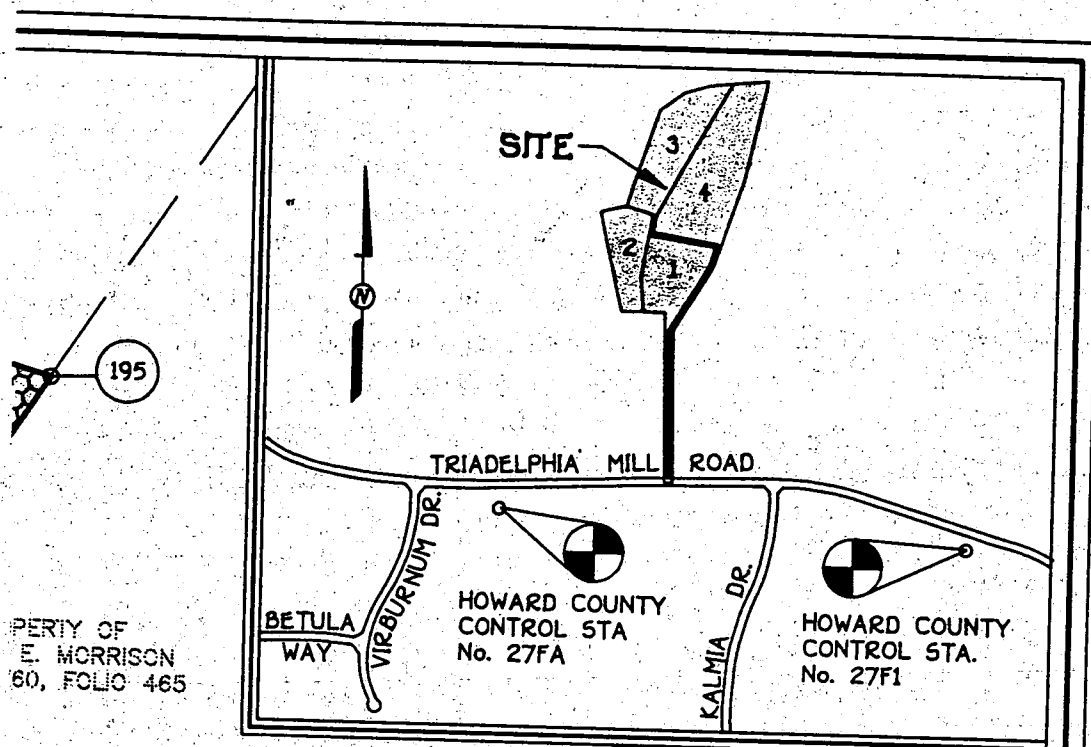
NTY DEPARTMENT OF PLANNING AND

*[Signature]* 2/19/94

RAINAGE SYSTEMS AND PUBLIC

**OWNER'S CERTIFICATE**

HOWARD F. HARTMAN AND CAROLYN S. HARTMAN, OWNERS OF THE PROPERTY SHOWN AND ADAPT THIS PLAN OF SUBDIVISION AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLANNING AND ZONING ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT U ITS SUCCESSORS AND ASSIGNS; (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, OTHER MUNICIPAL UTILITIES AND SERVICES IN AND UNDER ALL ROADS OR STREET RIGHTS- EASEMENT AREAS SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE AND/OR ROADS AND FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE AND FOR GOOD AN CONSIDERATION, HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR TH CONSTRUCTION, REPAIR AND MAINTENANCE; AND (4) THAT NO BUILDING OR SIMILAR STRUCT ERECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY.  
WITNESS OUR HANDS THIS 24th DAY OF August, 1994.



### GENERAL NOTES:

### VICINITY MAP

SCALE: 1"= 1200'

THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT. INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BE NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE CITY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR CONNECTION INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A PRIVATE SEWERAGE EASEMENT SHALL NOT BE NECESSARY. THE PROPERTY IS ZONED RR-DEO PER 10/18/92 COMPREHENSIVE ZONING PLAN. COORDINATES BASED ON NAD '83, MARYLAND COORDINATE SYSTEM AS PROJECTED. HOWARD COUNTY GEODETIC CONTROL STATIONS No. 27F1 AND No. 27FA.

27F1	N 568,964.527
	E 1,308,655.180
27FA	N 569,002.022
	E 1,306,892.381

PLAT IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ABOUT MAY 21, 1993 BY FISHER, COLLINS AND CARTER, INC.

DENOTES BUILDING RESTRICTION LINE.

DENOTES IRON PIN SET CAPPED "F.C.C. 10692".

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. 10692".

DENOTES STONE OR MONUMENT FOUND.

DENOTES EXISTING CENTERLINE OF STREAM.

DENOTES WETLAND AREA.

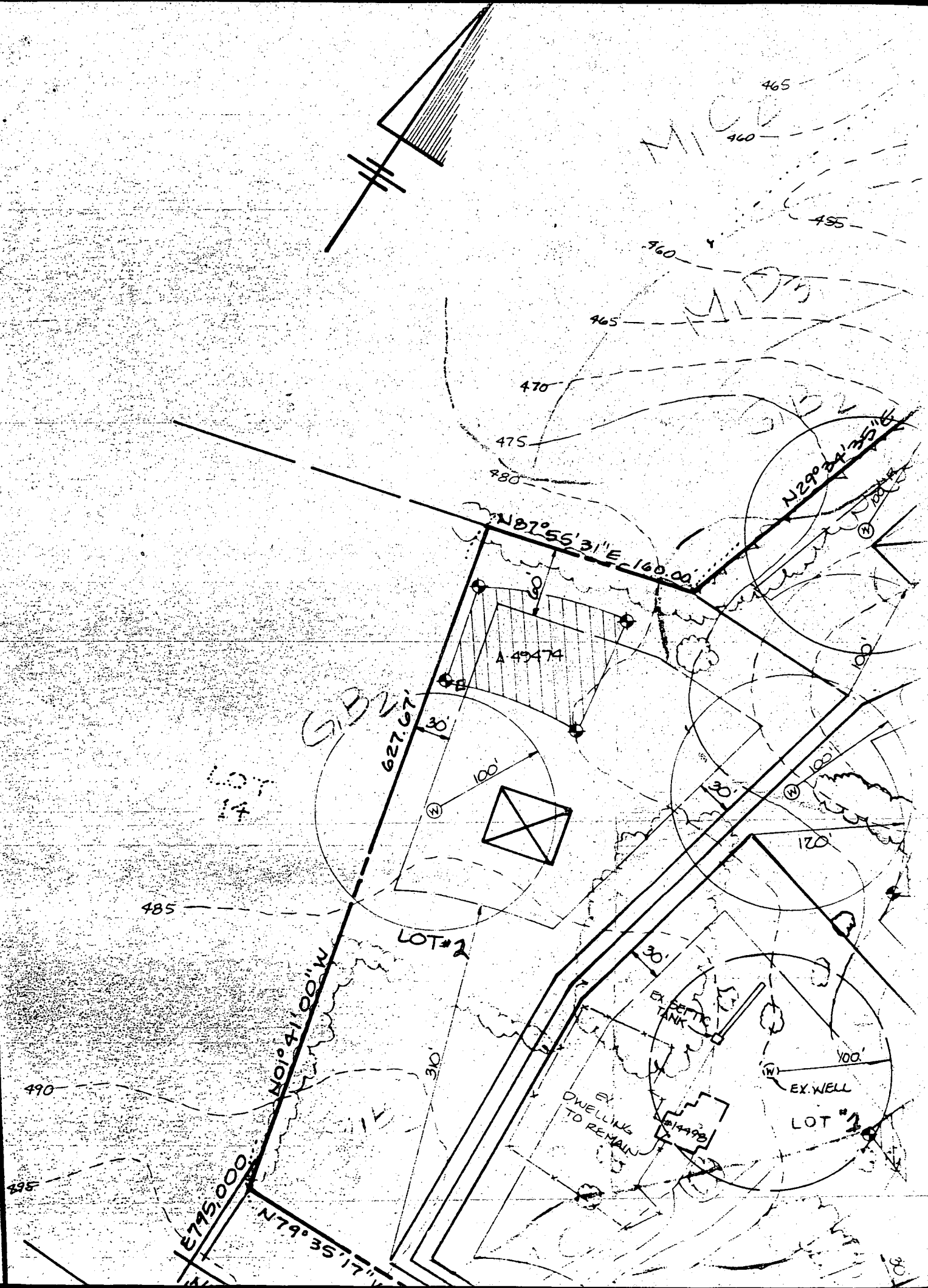
DENOTES APPROXIMATE ELEVATION OF 100 YEAR FLOOD LEVEL.

DENOTES LIMITS OF 100 YEAR FLOODPLAIN. 100 YEAR FLOODPLAIN STUDY APPROVED UNDER F-94-58.

FLAG OR PIPE STEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD IMPROVEMENTS TO BE PROVIDED AT THE JUNCTION OF FLAG OR PIPE STEM AND THE RIGHT-OF-WAY AND NOT ONTO THE FLAG OR PIPE STEM DRIVEWAY.

WAY(S) SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING (MINIMUM) REQUIREMENTS:

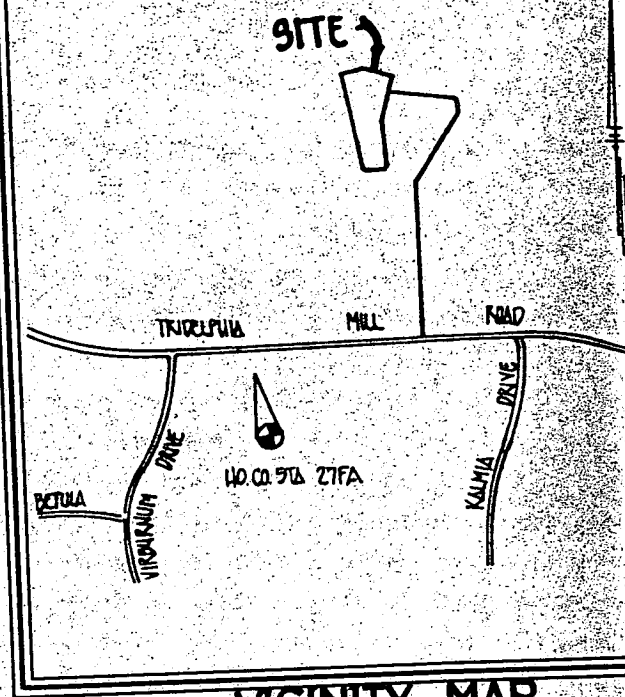
- WIDTH - 12 FEET (6 FEET SERVING MORE THAN ONE RESIDENCE);
- SURFACE - SIX (6") INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING. (1 1/2" MINIMUM);
- GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND 45-FOOT TURNING RADIUS;
- STRUCTURES (CULVERT/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25-LOADING);





# Approved Septic System Plan Howard County Health Department

Andy M. Mollen 2/25/98  
Signature Date



**VICINITY MAP**  
SCALE: 1"=2000'

Depth of stone required below  
distribution pipe 8.0 feet

Depth of trench(es) 4.5 feet

Width of trench(es) 3.0 feet

Total linear feet of trench  
required 840 feet

## GENERAL NOTES

1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT
2. PROPOSED 1500 GALLON SEPTIC TANK
3. A. FIRST FLOOR ELEVATION: 487.30  
B. BASEMENT ELEVATION: 478.30  
C. INVERT OF SEPTIC SYSTEM AT HOUSE: 482.10 482.6  
D. INVERT IN AT SEPTIC TANK: 481.80  
E. INVERT OUT AT SEPTIC TANK: 481.50  
F. PROPOSED GRADE OVER SEPTIC TANK: 483.00  
G. INVERT AT DISTRIBUTION BOX: 480.5  
H. EXISTING GROUND OVER DISTRIBUTION BOX: 483.00
4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
5. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGIN ANY CONSTRUCTION.
6. THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM.

777°34'41"E 418.10'

N 77°34'41"W 408.21'

126.52'

140.70'



MINIMUM LOT SIZE TABULATION						
LOT No.	GRASS AREA	W/STREET AREA	REMAINING AREA	100 YEAR FLOODPLAIN	25% SLOPES	MINIMUM LOT SIZE
1	3,894 AC.	0.237 AC.	3,602 AC.	0 AC	0 AC	3,602 AC.
2	3,443 AC.	0.492 AC.	3,051 AC.	0 AC	0 AC	3,051 AC.
3	3,423 AC.	0.535 AC.	4,086 AC.	0.431 AC.	0.335 AC.	4,122 AC.
4	3,423 AC.	0.371 AC.	7,727 AC.	0.826 AC.	0.418 AC.	6,503 AC.

THE REQUIREMENTS 3-108, THE REAL PROPERTY  
ARTICLE, ANNOTATED CODE OF MARYLAND, 1980  
REPLACEMENT VOLUME, (AS SUPPLEMENTED AS  
FAR AS THEY RELATE TO THE MAKING OF THE  
PLAT AND THE SETTING OF MARKERS HAVE BEEN  
COMPLIED WITH.

*Howard F. Hartman* 7/24/74  
HOWARD F. HARTMAN DATE  
*Carolyn S. Hartman* 8-24-74  
CAROLYN S. HARTMAN DATE  
*Terrell B. Fisher* 8-25-74  
TERRELL A. FISHER, L.S. #0692 DATE

**THE FOREST CONSERVATION EASEMENT HAS BEEN ESTABLISHED TO FULFILL THE REQUIREMENTS OF SECTION 16J200 OF THE HOWARD COUNTY CODE FOREST CONSERVATION ACT. NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE FOREST CONSERVATION EASEMENT; HOWEVER, FOREST MANAGEMENT PRACTICES AS DEFINED IN THE DEED OF FOREST CONSERVATION EASEMENT ARE ALLOWED.**

**AREA TABULATION THIS SHEET**

TOTAL NUMBER OF BUILDABLE LOTS TO BE RECORDED.	3
TOTAL NUMBER OF OPEN SPACE LOTS TO BE RECORDED.	0
TOTAL NUMBER OF LOTS TO BE RECORDED.	3
TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED	15.777 AC.
TOTAL AREA OF OPEN SPACE LOTS TO BE RECORDED	0.000 AC.
TOTAL AREA OF LOTS TO BE RECORDED.	15.777 AC.
TOTAL AREA OF ROADWAY TO BE RECORDED.	0.000 AC.
TOTAL AREA TO BE RECORDED.	15.777 AC.

HOWARD F. HARTMAN and CAROLYN S. HARTMAN, 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-WAY 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 AND FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE AND FOR GOOD USE 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 OUR HANDS THIS 21<sup>ST</sup> DAY OF August, 1994.


Howard F. Hartman  
HOWARD F. HARTMAN

Carolyn S. Hartman  
CAROLYN S. HARTMAN

Carol Rose Wilson  
WITNESS


John F. Edwards  
WITNESS

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT;  
THAT IT IS A SUBDIVISION OF ALL THE LANDS CONVEYED BY DONALD G.  
LERCH, JR. TO HOWARD F. HARTMAN AND CAROLYN S. HARTMAN BY DEED  
DATED NOVEMBER 10, 1972 AND RECORDED AMONG THE LAND RECORDS OF  
HOWARD COUNTY, MARYLAND IN LIBER 617 AT FOLIO 336 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, L.S. #10692

8/25/94  
DATE

ZONING: RR-DEO  
TAX MAP: 27 PARCEL: 98  
FIFTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
DATE: AUGUST 22, 1993



Scale: 1" = 100'

SHEET 1 OF 2

F94-56

SCALE: 1" = 120'

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 VARIANCES FOR ENCRoACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.


2. SUBJECT PROPERTY ZONED RD-DEO PER 10/18/92 COMPREHENSIVE ZONING PLAN.


3. COORDINATES BASED ON NAD '83, MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 2771 AND NO. 277A.


2771	N 568,964.527
	E 1,308,655.040
277A	N 569,002.022
	E 1,306,892.301


4. THIS PLAT IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT MAY 21, 1993 BY FISHER, COLLINS AND CARTER, INC.


5. B.R.L. DENOTES BUILDING RESTRICTION LINE.


6.  DENOTES IRON PIN SET CAPPED T.C.C. 10692".


7.  DENOTES IRON PIPE OR IRON BAR FOUND.


8.  DENOTES ANGULAR CHANGE IN BEARING OF BOUNDARY OR RIGHTS-OF-WAY.


9.  DENOTES CONCRETE MONUMENT SET WITH ALUMINUM PLATE T.C.C. 10692".

10.  DENOTES STONE OR MONUMENT FOUND.

11.  DENOTES EXISTING CENTERLINE OF STREAM.

12.  DENOTES WETLAND AREA.

13.  DENOTES APPROXIMATE ELEVATION OF 100 YEAR FLOOD LEVEL.

14.  DENOTES LIMITS OF 100 YEAR FLOODPLAIN. 100 YEAR FLOODPLAIN STUDY APPROVED UNDER F-94-58.

15. FOR FLAG OR PIPE STEM LOTS, REFUSE / COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE TO BE PROVIDED AT THE JUNCTION OF FLAG OR PIPE STEM AND THE ROAD R/W AND NOT ONTO THE FLAG OR PIPE STEM DRIVEWAY.

16. DRIVEWAY(S) SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:

- a) WIDTH - 12 FEET (16 FEET SERVING MORE THAN ONE RESIDENCE);
- b) SURFACE - SIX (6") INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING @ 1 1/2" MINIMUM;
- c) GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND 45-FOOT TURNING RADIUS;
- d) STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25,000 LBS. GROSS TONS GROSS LOADS;
- e) DRAINAGE ALIGNMENT - CAPABLE OF SAFELY PASSING 100 YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE;
- f) STRUCTURE CLEARANCES - MINIMUM 12 FEET;
- g) MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.

17. NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN WETLAND OR STREAM BUFFERS.

18. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.

19. ALL LOT AREAS ARE MORE OR LESS (A).

20. EXISTING STRUCTURES TO REMAIN ON LOT 1.

21. PLAT SUBJECT TO MD NR 84-14 WHICH THE PLANNING DIRECTOR APPROVED ON JANUARY 24, 1984, A REQUEST TO WAIVE:

- 1) SECTION 16.120(b)(6)(XIII), WHICH SPECIFIES THAT THE LENGTH OF A PIPESTEM FOR A NON-CLUSTER LOT IN THE "R2" ZONING DISTRICT MAY NOT EXCEED 1500 FEET.
- 2) SECTION 16.1204 NOT TO POST A SURVEY IN THE AMOUNT OF \$200 PER SQUARE FOOT FOR THE FOREST RETENTION AREA APPROVED ON 7/7/1974.

**VICINITY MAP**  
SCALE: 1" = 1200'

MR. AND MRS. HOWARD HARTMAN  
14498 TRIADELPHIA MILL ROAD  
DAYTON, MARYLAND 21036

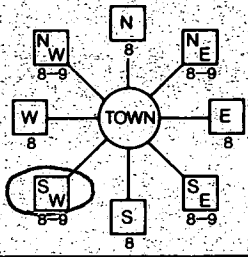
**CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS**  
9071 BALTIMORE NATIONAL PIKE, SUITE 200  
ELlicOTT CITY, MARYLAND 21042  
(410) 481 - 8825

MSA CSU 2125-233-1 F14.58





EMERGENCY/TEMP NO. IF ANY

<b>B 1</b> 8754		SEQUENCE NO. (MDE USE ONLY)		STATE OF MARYLAND PERMIT TO DRILL WELL please print or type		STATE PERMIT NUMBER HO-94-1297 <small>70 fill in this form completely 79</small>	
Date Received (APA) 093097 <small>(THIS NUMBER IS TO BE PUNCHED IN COLUMNS 3-6 ON ALL CARDS)</small>				<b>B 3</b> LOCATION OF WELL			
OWNER INFORMATION HAKTMAN HOWARD 14498 TRIADELPHIAMILL DAYTON MD21039				HOWARD HARTMAN PROPERTY DAYTON MILES FROM TOWN (enter 0 if in town) 2 MI			
DRILLER INFORMATION Ronald Kyker West Rotary Well Drill Inc PO Box 861 Westminster MD 21157 Ronald Kyker Sept 29 97				<b>B 4</b> DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  NEAR WHAT ROAD TRIADELPHIA MILL RD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 1000 DISTANCE FROM ROAD ENTER FT OR MI FT TAX MAP: 27 BLK: PARCEL: 96			
<b>B 2</b> WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500				NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard A 49474 COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 100797 CO SIGNATURE EXP. DATE 10/6/98 NORTH GRID 508000 EAST GRID 0795000			
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)				SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. CITY 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE 7905 5008 DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 			
APPROXIMATE DEPTH OF WELL 300 FEET APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH				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) <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)				Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROX. PERMIT NUMBER GAP FORCE 15 WRITE INITIALS IN BOX PERMIT No. HO-94-1297 SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED			

COUNTY

C1 8312

SEQUENCE NO.  
(DENY USE ONLY)STATE OF MARYLAND  
WELL COMPLETION REPORT  
FILL IN THIS FORM COMPLETELY  
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN  
45 DAYS AFTER WELL IS COMPLETED.THIS NUMBER IS TO BE PUNCHED  
IN COLS. 3-6 ON ALL CARDS)COUNTY  
NUMBER

A 49474

ST/CO USE ONLY  
DATE RECEIVED

DATE WELL COMPLETED

8 13

1 0 1 0 9 7

Depth of Well  
22 1 8 0 26  
(TO NEAREST FOOT)PERMIT NO.  
FROM "PERMIT TO DRILL WELL"  
H O - 9 4 - 1 2 9 7OWNER Hartman Howard  
STREET OR RFD last name Triadelphia Mill Rd first name TOWN Dayton  
SUBDIVISION Hartman Property SECTION LOT 2

## WELL LOG

Not required for driven wells

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

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
Dirt	0	1	
Red Clay & Br. Schist	1	6	
Soft Br. Schist & Sandstone	6	50	
Soft Red Clay & Sand	50	55	X
Soft Br. Sand- stone	55	70	
Hard Br. Sandstone	70	76	
Hard Blk. Sand- stone	76	90	
Hard Br. Sandstone	90	93	X
Hard Blk. Sand- stone	93	130	
Hard Br. Sand- stone	130	140	
Hard Blk. Sand- stone	140	180	

## GROUTING RECORD

WELL HAS BEEN GROUTED  
(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 15 NO. OF POUNDS 1410

GALLONS OF WATER 90

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 7 9 ft.  
(enter 0 if from surface)

## CASING RECORD

casing  
types  
insert  
appropriate  
code  
below  
STEEL ST CONCRETE CO  
PLASTIC PL OTHER OTMAIN CASING TYPE  
Nominal diameter top (main) casing (nearest inch)  
Total depth of main casing (nearest foot)  
S T 6 8 1OTHER CASING (if used)  
diameter depth (feet)  
P L 4 0 100 110  
P L 4 120 160 170 180

## SCREEN RECORD

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

C2

DEPTH (nearest ft.)  
P L 9 0 1 0 0  
P L 1 1 0 1 2 0  
P L 1 6 0 1 7 0SLOT SIZE .010  
DIAMETER OF SCREEN 4 (NEAREST INCH)GRAVEL PACK 24 180  
IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68MDE USE ONLY  
(NOT TO BE FILLED IN BY DRILLER)

TELESCOPE CASING LOG INDICATOR OTHER DATA

C3

## PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 1 5

METHOD USED TO MEASURE PUMPING RATE submersible

WATER LEVEL (distance from land surface)

BEFORE PUMPING 2 9

WHEN PUMPING 3 7

TYPE OF PUMP USED (for test)

A air P piston T turbine  
C centrifugal R rotary O other (describe below)  
J jet S submersible

## PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE  
TYPE OF PUMP INSTALLED  
PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE

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 2 (nearest foot)

## LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED.

WELL HYDROFRACTURED yes Y no N

CIRCLE APPROPRIATE LETTER  
A 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.

DRILLERS IDENT. NO. MWD296

Ronald Kyker  
DRILLERS SIGNATURE  
(MUST MATCH SIGNATURE ON APPLICATION)

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

COUNTY

RECEIVED

FEB 25 1999

HOWARD COUNTY HEALTH DEPARTMENT

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

410-9936

410-313-2640

Fax: 410-313-2648

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation ☒  
Replacement ☐

Receipt # \_\_\_\_\_  
Date \_\_\_\_\_

Name of Installer Raymond

Telephone 795-8618

License Number \_\_\_\_\_

Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber \_\_\_\_\_

Name of Property Owner KAZEM ASHTIANIE

Telephone 410/531-8525

Subdivision HARTMAN PROPERTY Lot # 2

Well Tag # \_\_\_\_\_

Site Address 14496 TRIADDELPHIA MILL ROAD

Pump

1. Type
  - a. Deep well jet 183
  - b. Shallow well jet \_\_\_\_\_
  - c. Submersible \_\_\_\_\_

Motor

1. Horsepower 1/2
2. RPM \_\_\_\_\_
3. Voltage 220
  - a. 110 \_\_\_\_\_
  - b. 220 X

Pitless Adapter

1. Make \_\_\_\_\_
2. Model # \_\_\_\_\_
3. Depth \_\_\_\_\_

2. Make SARISI

3. Model # \_\_\_\_\_

4. Capacity 10 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 \_\_\_\_\_
2. Pressure relief valve? \_\_\_\_\_

Piping

1. Type 300 lb p
2. Size 1"
3. NSF and/or BOCA Code approved \_\_\_\_\_
4. Depth of supply line 180

Well data

1. Depth 183 ft.
2. Yield 10 GPM
3. Static water level \_\_\_\_\_ ft.
4. Will water supply be disinfected by installer? No

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: Raymond

Date: \_\_\_\_\_

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