

C1 6210	SEQUENCE NO. (OEP USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE	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)		COUNTY NUMBER A 31640	PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-73-4368
Date Received (OEP use only)	DATE WELL COMPLETED 040583	Depth of Well 200 (TO NEAREST FOOT)	

OWNER Last name Karfounta	Charles	TOWN Sykesville
STREET OR RFD Sunset Valley Dr.	SECTION 3	LOT 2
SUBDIVISION Sunset Valley		

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 FROM TO	Check if water bearing
Top Soil	0 2	
Sandy	2 11	
Sand Stone	11 30	✓
Granite	30 55	
Sand Stone	55 60	✓
Granite	60 200	

WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT <input checked="" type="checkbox"/> CM BENTONITE CLAY <input checked="" type="checkbox"/> BC	
NO. OF BAGS 5 NO. OF POUNDS 500	
GALLONS OF WATER 10	
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft to 20 ft	
Casing types insert appropriate code below	
STEEL <input checked="" type="checkbox"/> ST CONCRETE <input checked="" type="checkbox"/> CO PLASTIC <input checked="" type="checkbox"/> PL OTHER <input checked="" type="checkbox"/> OT	
MAIN CASING TYPE P L	
Nominal diameter top/main casing (nearest inch) 6	
Total depth of main casing (nearest foot) 22	

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

SCREEN RECORD screen type or openhole insert appropriate code below	
STEEL <input checked="" type="checkbox"/> ST BRASS <input checked="" type="checkbox"/> BR BRONZE <input checked="" type="checkbox"/> HO OPEN <input checked="" type="checkbox"/> HO HOLE <input checked="" type="checkbox"/> PL PLASTIC <input checked="" type="checkbox"/> PL OTHER <input checked="" type="checkbox"/> OT	

C2 Seq. no. 1	
DEPTH (nearest ft.) H.C. 20 200	
EACH SCREEN	
SLOT SIZE 1 2 3	
DIAMETER OF SCREEN (NEAREST INCH) from to	

GRAVEL PACK	
IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX <input checked="" type="checkbox"/> F	
OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)	
T TELESCOPE CASING	(E.R.O.S.) LOG INDICATOR
WQ OTHER DATA	

C3 Seq. no. 1	
PUMPING TEST HOURS PUMPED (nearest hour) 3	
PUMPING RATE (gal. per min. to nearest gal.) 5	
METHOD USED TO MEASURE PUMPING RATE Bucket	
WATER LEVEL (distance from land surface) BEFORE PUMPING 20	
WHEN PUMPING 200	
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 YES NO DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) Y N	
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE	
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O))	
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)	

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)	
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CIRCLE APPROPRIATE BOX	
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 10.17.13 "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. 223	
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)	
SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)	

B 1 1569		SEQUENCE NO. (OEP USE ONLY)		STATE OF MARYLAND PERMIT TO DRILL WELL please print or type		OEP PERMIT NUMBER HO-73-4368 fill in this form completely	
(THIS NUMBER IS TO BE PUNCHED IN CO.S. 3-6 ON ALL CARDS)							
Date Received 4/5/83 1:30 P.M.				LOCATION OF WELL COUNTY Howard SUBDIVISION Sunset Valley SECTION III LOT II NEAREST TOWN SYKESVILLE MD MILES FROM TOWN (enter 0 if in town) 3			
OWNER INFORMATION Last Name KARFONTA Owner CHARLES 36 Street or RFD 55 Town SYKESVILLE MD State MD 76 Zip 21784				B 3 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 			
B 1 Continued DRILLER INFORMATION Driller's Name Ralph Mayne 77 License No. 273 Firm Name Ralph Mayne (well Drilling) Address Box 920 Mt. Airy Md Signature Ralph Mayne Date 12/30/82				B 4 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NEAR WHAT ROAD Sunset Valley Dr. NORTH <input type="checkbox"/> WEST <input type="checkbox"/> EAST <input type="checkbox"/> SOUTH <input checked="" type="checkbox"/> DISTANCE FROM ROAD 800 (CIRCLE APPROPRIATE BOX)			
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500				SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. well 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E 8005 N 5409			
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="radio"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="radio"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="radio"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="radio"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)				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 150 FEET APPROXIMATE DIAMETER OF WELL 6 INCH				METHOD OF DRILLING (circle one) BORED (OR AUGERED) <input checked="" type="radio"/> JETTED <input type="radio"/> JETTED & DRIVEN <input type="radio"/> AIR ROTARY <input checked="" type="radio"/> AIR PERCUSSION <input type="radio"/> ROTARY (HYDRAULIC ROTARY) <input type="radio"/> CABLE <input type="radio"/> REVERSE ROTARY <input type="radio"/> DRIVE POINT <input type="radio"/> other			
REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="radio"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input type="radio"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="radio"/> THIS WELL WILL DEEPEAN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEANED (IF AVAILABLE) 41				NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME HOWARD COUNTY NO. A31140 OEP SIGNATURE Frank Skinner STATE HEALTH CIRCLER BOX <input checked="" type="checkbox"/> DATE ISSUED 4/05/83 CO SIGNATURE NORTH GRID 5449 EAST GRID 0805 EXPIRES 074583			
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER GAP FORCE FS WRITE INITIALS IN BOX PERMIT No. HO-73-4368				SPECIAL CONDITIONS 8-63			

Well Permit No. HO - 73-4368

Location of property (road) Sunset Valley Dr.
Subdivision Sunset Valley Lot 2 Block — Plat — Sec. 3
Well Driller Ralph Mayne Owner Charles Karfonta

Depth of well 200

Depth of well 200
Distance of measuring point (M.P.) above ground 2 ft.

Static water level (S.W.L.) below M.P. 28

1. High rate pumping -- reservoir drawdown

Time pump started 10:00

Pumping rate, 9 GPM

Total time 30 min to reach pumping water level 58 ft. below M.P.

11. Recovery pump test data - observations to be recorded every 15 minutes

[illegible]

EXISTING TO RIGHT OF
TO BE ABANDONED IS
FLOODED L SECTION ONE
SINCE VALLEY
24-4616

BUILDING
RESTRICT

100 YEAR FLOOD PLAN
DRAINAGE AND UTILITY
EASEMENT

LOT 2

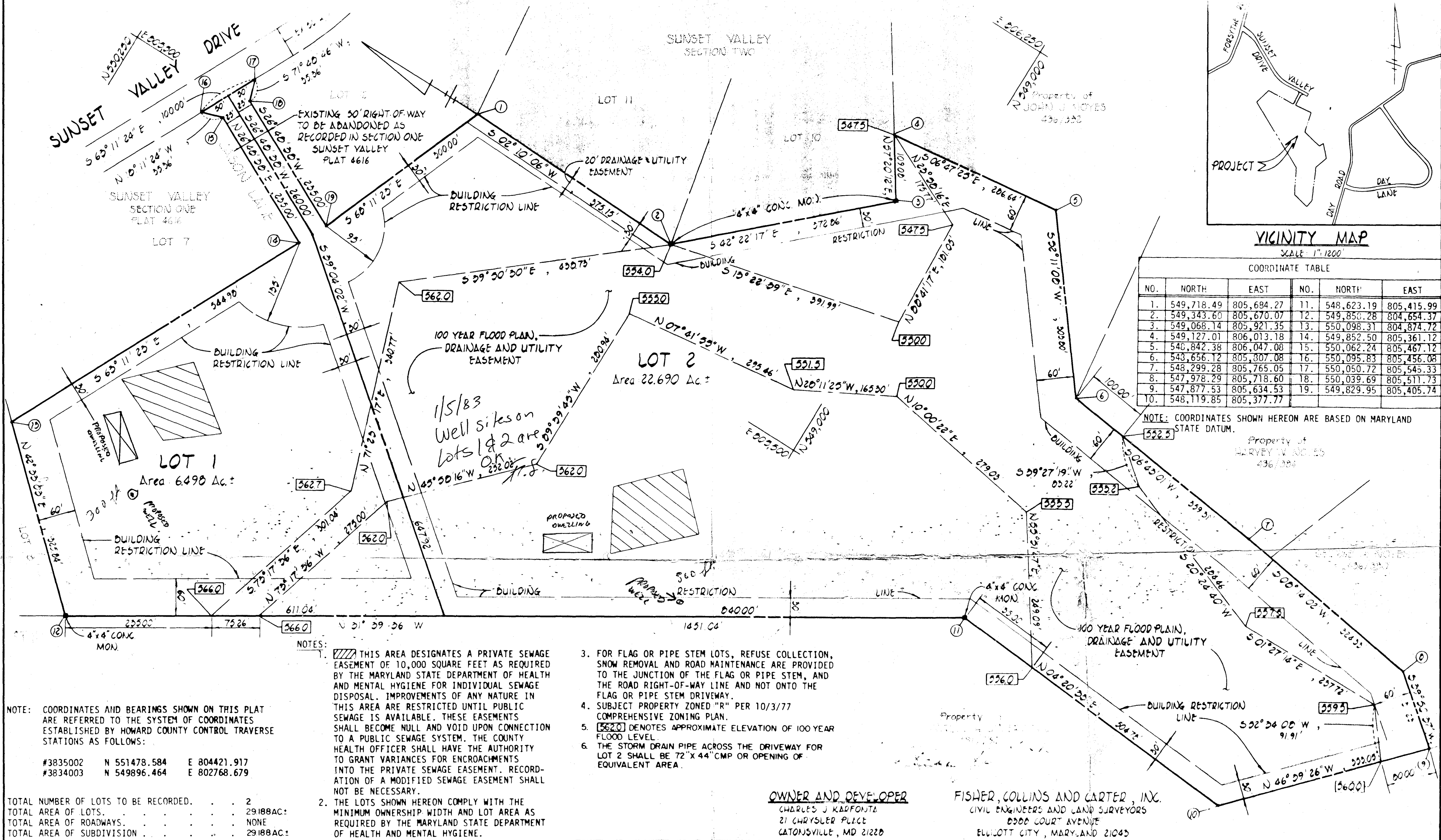
1/5/83
well sit OK
P.S.

3. 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.
4. FLAG OR PIPE STEM DRIVEWAY SUBJECT PROPERTY ZONED "R" PER 10/3/77 COMPREHENSIVE ZONING PLAN.
5. [3620] DENOTES APPROXIMATE ELEVATION OF FLOOD LEVEL.
6. THE STORM DRAIN PIPE ACROSS THE DRIVE LOT 2 SHALL BE 72" x 44" CMP OR OP EQUIVALENT AREA.

THIS AREA DESIGNATES A PRIVATE SEWAGE EMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH FOR IMPROVEMENTS OF INDIVIDUAL SEWAGE ARE RESTRICTED UNTIL PUBLIC NULL AND VOID UPON CONNECTION SEWAGE SYSTEM. THE COUNTY SHALL HAVE THE AUTHORITY FOR ENCROACHMENTS RECORD- THESE EASEMENTS SHALL

NOTARIES CERTIFICATE

AND DESCRIBED BY THE OFFICIAL RECORDS



APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.

John J. [Signature] DATE *6-2-82*

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

DIRECTOR DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS, AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR DATE

OWNER'S CERTIFICATE

I, CHARLES J. KARFONTA, 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 OFFICE 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 RIGHT-OF-WAYS 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; AND (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 RIGHT-OF-WAYS. WITNESS MY HAND THIS 2ND DAY OF JUNE, 1982.

Charles J. Karfonta

WITNESS

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF PART OF THE LAND CONVEYED BY VIRGINIA M. GARRATT, WIDOW, TO CHARLES J. KARFONTA BY DEED DATED FEBRUARY 15, 1980 AND RECORDED AMONG THE AFORESAID LAND RECORDS IN LIBER 990 FOLIO 443 AND PART OF THE LAND CONVEYED BY JAMES KELLEY GARRETT AND LYNDA JEAN GARRETT, HIS WIFE, TO CHARLES J. KARFONTA BY DEED DATED JUNE 23, 1980 AND RECORDED IN THE AFORESAID LAND RECORDS IN LIBER 1005 AT FOLIO 644 AND THAT ALL MONUMENTS ARE IN PLACE AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND.

Ronald B. Carter

RONALD B. CARTER #10704 DATE

LOTS 1 & 2
SUNSET VALLEY
SECTION THREE
AND A REVISION TO JASON LANE, SECTION 1
3RD ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

TAX MAP #9 PARCEL 36

SCALE 1"=100' JUNE 3, 1982
F-02-131