

THE REQUIREMENTS OF SECTION 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1996 REPLACEMENT VOLUME, (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS, HAVE BEEN COMPLIED WITH.

*David S. Weber*  
DAVID S. WEBER

PROFESSIONAL LAND SURVEYOR  
MD. REG. No. 10852

THE HOWARD RESEARCH AND DEVELOPMENT CORP.

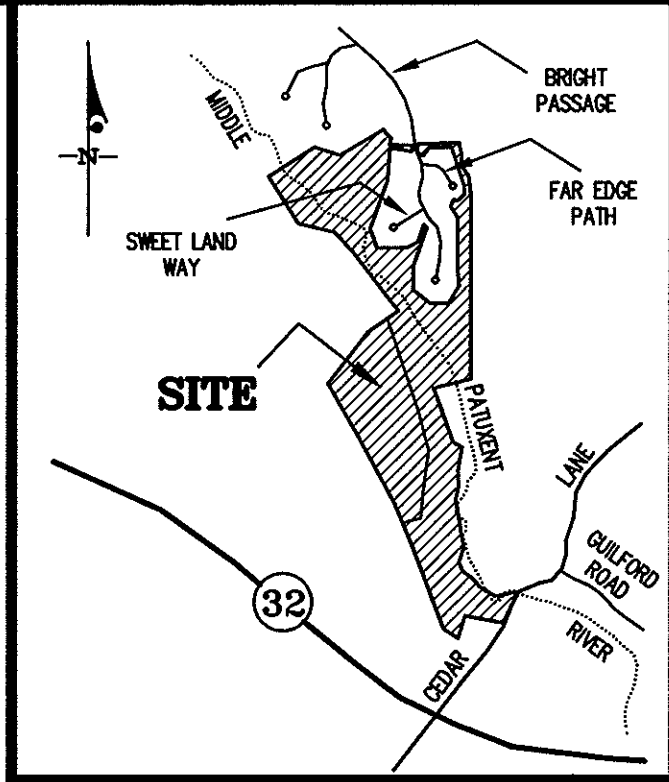
*Joseph H. Necker, Jr.*  
JOSEPH H. NECKER, JR., VICE-PRESIDENT

2-11-99  
DATE

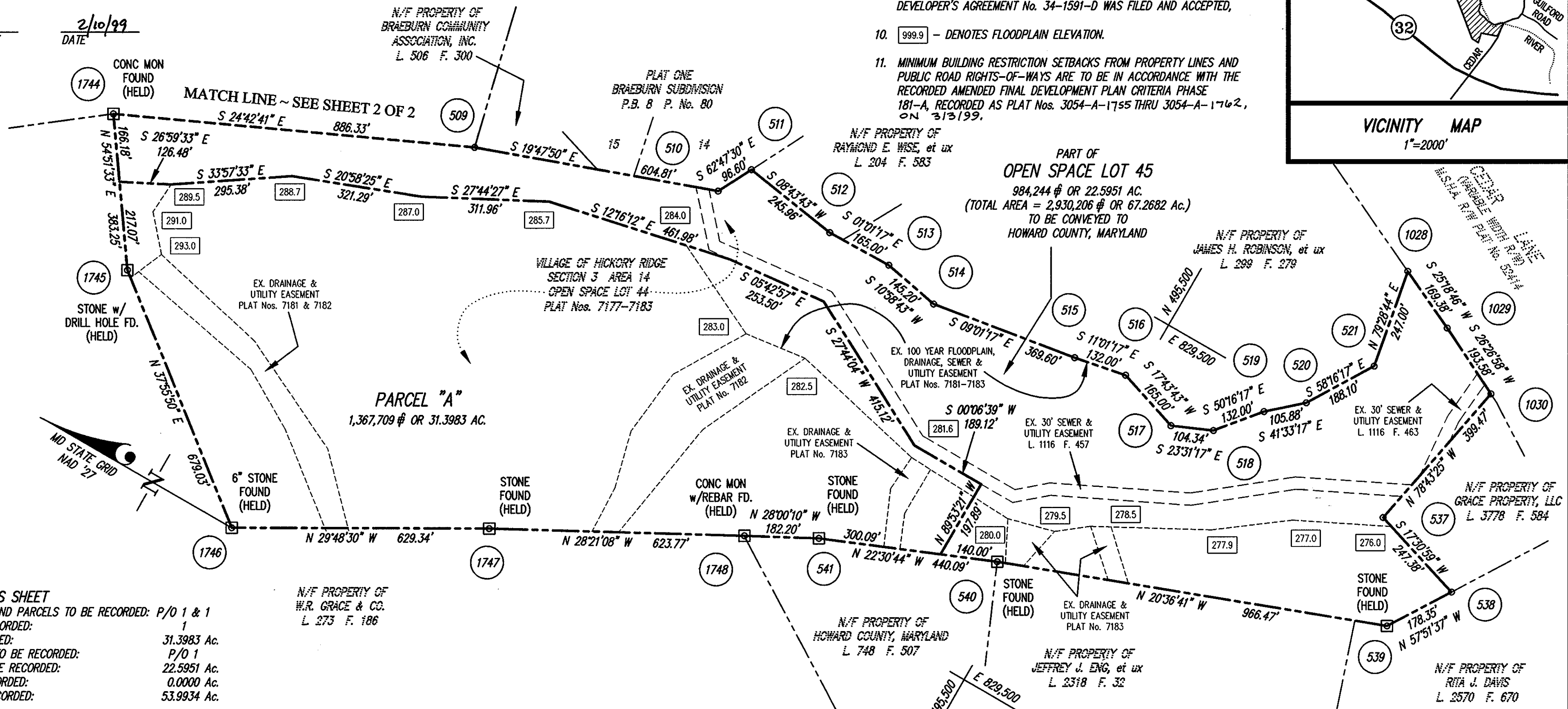
2/10/99  
DATE

GENERAL NOTES

- 4"x4"x36" CONCRETE MONUMENTS SHOWN THUS: □
- IRON PINS SHOWN THUS: ∅
- THIS PLAT AND THE COORDINATES SHOWN HEREON, ARE BASED UPON THE PREVIOUSLY RECORDED PLATS FOR THIS SUBDIVISION, AND A BOUNDARY SURVEY PERFORMED BY GUTSCHICK, LITTLE & WEBER, P.A., OCTOBER, 1998.
- PROPERTY IS ZONED 'NEW TOWN' PER THE 10-18-93 COMPREHENSIVE ZONING PLAN.
- SEE DEPARTMENT OF PLANNING & ZONING FILE NUMBERS: S-81-04, P-87-19 & F-87-105.
- THE "ESTABLISHMENT OF MINIMUM BUILDING RESTRICTION LINES" IN THE OWNER'S DEDICATION, REFERS TO THE PURPOSES OF MEETING ZONING REQUIREMENTS, NOT FOR THE PURPOSE OF CREATING A RESTRICTION OF TITLE OR COVENANT.
- COORDINATES BASED ON NAD '27 MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS IN THIS AREA WHICH WERE UTILIZED BY WHITMAN, REQUARDT & ASSOC., INC. TO PREPARE THE PREVIOUSLY RECORDED PLATS FOR THIS SUBDIVISION.
- AREAS SHOWN ARE TO BE TAKEN AS MORE OR LESS.
- THIS SUBDIVISION IS SUBJECT TO SECTION 18.122B OF THE HOWARD COUNTY CODE. PUBLIC SEWER SERVICE HAS BEEN GRANTED UNDER THE TERMS AND PROVISIONS THEREOF EFFECTIVE MARCH 27, 1987, ON WHICH DATE DEVELOPER'S AGREEMENT No. 34-1591-D WAS FILED AND ACCEPTED.
- 999.9 - DENOTES FLOODPLAIN ELEVATION.
- MINIMUM BUILDING RESTRICTION SETBACKS FROM PROPERTY LINES AND PUBLIC ROAD RIGHTS-OF-WAYS ARE TO BE IN ACCORDANCE WITH THE RECORDED AMENDED FINAL DEVELOPMENT PLAN CRITERIA PHASE 1B-1, RECORDED AS PLAT Nos. 3054-A-1755 THRU 3054-A-1762, ON 3/13/99.



PT. #	NORTH	EAST
509	495688.19	829029.01
510	495119.12	829233.86
511	495074.95	829319.77
512	494831.84	829282.44
513	494666.86	829285.38
514	494524.32	829257.73
515	494159.29	829315.68
516	494029.73	829340.92
517	493872.56	829290.68
518	493776.89	829332.32
519	493692.53	829433.84
520	493613.30	829504.07
521	493514.38	829664.06
537	493311.15	829356.50
538	493075.24	829282.04
539	493170.12	829131.02
540	494074.73	828790.80
541	494481.28	828622.30
1028	493559.47	829906.90
1029	493406.35	829834.48
1030	493233.03	829748.26
1744	496493.35	828658.49
1745	496272.76	828345.09
1746	495737.17	827927.69
1747	495191.10	828240.53
1748	494642.15	828536.75



TABULATION OF FINAL PLAT - THIS SHEET

- TOTAL NUMBER OF OPEN SPACE LOTS AND PARCELS TO BE RECORDED: P/O 1 & 1
- TOTAL NUMBER OF PARCELS TO BE RECORDED: 1
- TOTAL AREA OF PARCEL TO BE RECORDED: 31.3983 Ac.
- TOTAL NUMBER OF OPEN SPACE LOTS TO BE RECORDED: P/O 1
- TOTAL AREA OF OPEN SPACE LOT TO BE RECORDED: 22.5951 Ac.
- TOTAL AREA OF ROADWAYS TO BE RECORDED: 0.0000 Ac.
- TOTAL AREA OF SUBDIVISION TO BE RECORDED: 53.9934 Ac.

TABULATION OF FINAL PLAT - ALL SHEETS

- TOTAL NUMBER OF OPEN SPACE LOTS AND PARCELS TO BE RECORDED: 2
- TOTAL NUMBER OF PARCELS TO BE RECORDED: 1
- TOTAL AREA OF PARCEL TO BE RECORDED: 31.3983 Ac.
- TOTAL NUMBER OF OPEN SPACE LOTS TO BE RECORDED: 1
- TOTAL AREA OF OPEN SPACE LOT TO BE RECORDED: 67.2682 Ac.
- TOTAL AREA OF ROADWAYS TO BE RECORDED: 0.0000 Ac.
- TOTAL AREA OF SUBDIVISION TO BE RECORDED: 98.6665 Ac.

**OWNER**  
THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION  
10275 LITTLE PATUXENT PARKWAY  
COLUMBIA, MD. 21044  
PHONE: (410) 992-6027

THE PURPOSE OF THIS PLAT IS TO RESUBDIVIDE OPEN SPACE LOT 44 INTO 1) PARCEL 'A' (TO BE CONVEYED TO AN ADJACENT PROPERTY OWNER) AND 2) OPEN SPACE LOT 45 (TO BE CONVEYED TO HOWARD COUNTY, MARYLAND).

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN OF WATER & SEWERAGE FOR HOWARD COUNTY, MD.  
*Joseph M. Boyd*  
COUNTY HEALTH OFFICER  
DATE: 2-23-99

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING  
*David S. Weber*  
CHIEF, DEVELOPMENT ENGINEERING DIVISION  
DATE: 2/15/99  
*Joseph H. Necker, Jr.*  
DIRECTOR  
DATE: 3/4/99

**OWNER'S DEDICATION**  
THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION, A MARYLAND CORPORATION, BY JOSEPH H. NECKER, JR., VICE-PRESIDENT AND JAMES D. LANO, ASSISTANT SECRETARY, OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPTS THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISHES THE MINIMUM BUILDING RESTRICTION LINES AND GRANTS 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, FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANTS THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS, 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 ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY.  
WITNESS OUR HANDS THIS 10<sup>TH</sup> DAY OF Feb, 1999  
THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION  
BY: *Joseph H. Necker, Jr.*  
JOSEPH H. NECKER, JR., VICE-PRESIDENT  
ATTEST: *James D. Lano*  
JAMES D. LANO, ASSISTANT SECRETARY

**SURVEYOR'S CERTIFICATE**  
I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THAT THE PLAT OF RESUBDIVISION SHOWN HEREON IS CORRECT; THAT IT IS A RESUBDIVISION OF PART OF THE LAND CONVEYED BY THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION TO HRD HOLDINGS, INC., BY DEED DATED NOVEMBER 14, 1997 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY IN LIBER 4118 AT FOLIO 16 (HAVING THEREAFTER CHANGED ITS NAME TO THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION BY ARTICLES OF AMENDMENT FILED JANUARY 5, 1998); AND BEING A RESUBDIVISION OF OPEN SPACE LOT 44 AS SHOWN ON A PLAT OF SUBDIVISION ENTITLED, "COLUMBIA VILLAGE OF HICKORY RIDGE, SECTION 3 AREA 14, LOTS 1 THRU 44, SHEETS 1 THRU 7 OF 7" AND RECORDED AMONG SAID LAND RECORDS AS PLAT Nos. 7177 THRU 7183, AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND AS AMENDED.  
*David S. Weber*  
DAVID S. WEBER  
PROFESSIONAL LAND SURVEYOR  
MARYLAND REGISTRATION NO. 10852  
2-11-99  
DATE



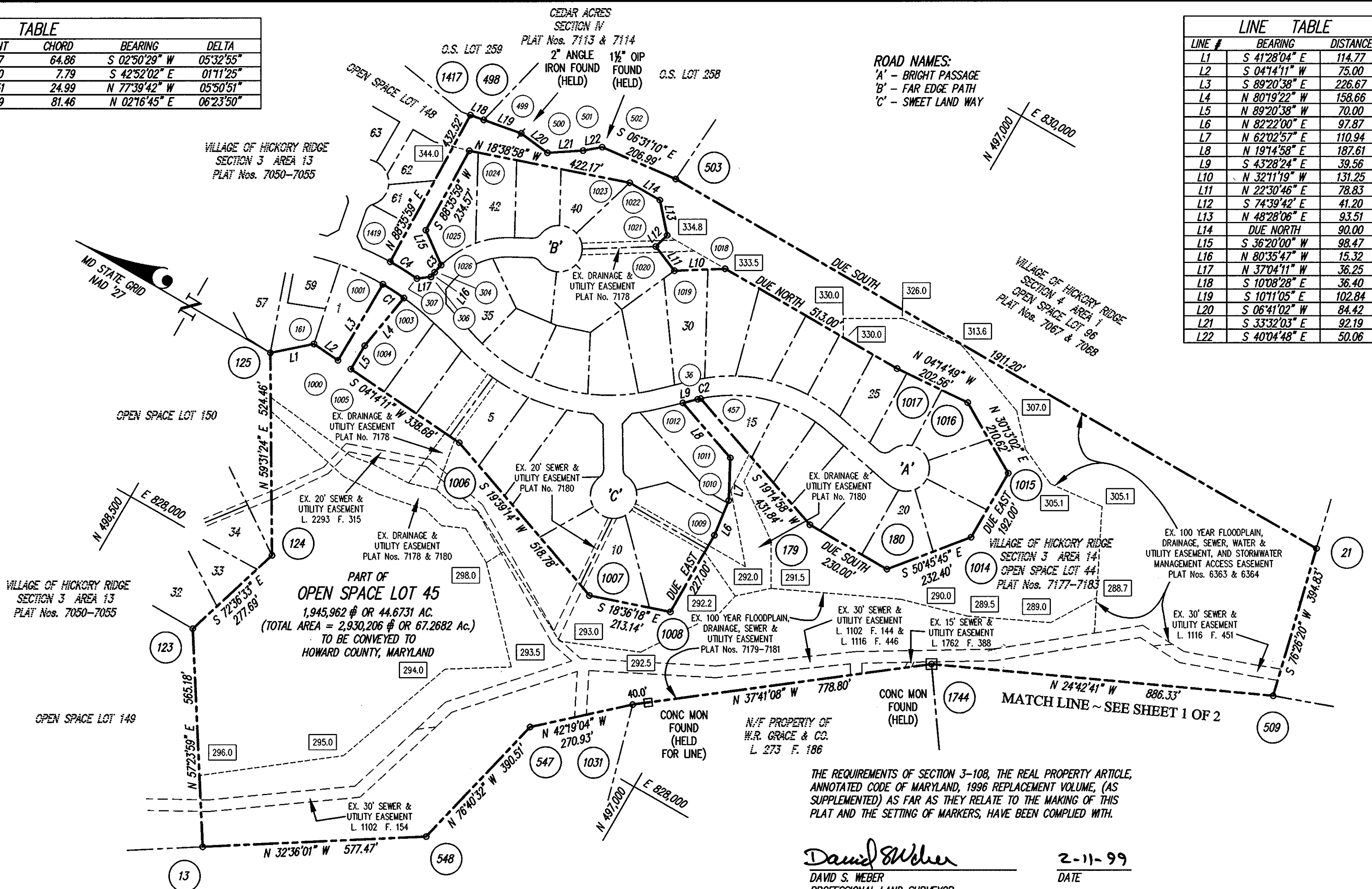
RECORDED AS PLAT NUMBER 13640 ON 3-5-99, AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND

**COLUMBIA VILLAGE OF HICKORY RIDGE SECTION 3 AREA 14**  
OPEN SPACE LOT 45 AND PARCEL 'A'  
A RESUBDIVISION OF OPEN SPACE LOT 44 AS SHOWN ON PLAT Nos. 7177 THRU 7183  
SHEET 1 OF 2 P/O PAR. 412, T.M. 35, GRID 16/22  
5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
SCALE: 1"=200' OCTOBER 1998  
**GLW GUTSCHICK LITTLE & WEBER, P.A.**  
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
3009 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK  
BURTONSVILLE, MARYLAND 20884  
TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
(C1) 1001-1003	670.00	64.87	32.47	64.86	S 02°50'29" W	05°32'55"
(C2) 36-457	375.00	7.79	3.90	7.79	S 42°52'02" E	01°11'25"
(C3) 1026-304	245.00	25.00	12.51	24.99	N 77°39'42" W	05°50'51"
(C4) 307-1419	730.00	81.50	40.79	81.46	N 02°16'45" E	06°23'50"

COORDINATE TABLE		
PT. #	NORTH	EAST
13	497886.50	827308.87
21	495780.77	829412.84
36	497358.41	828949.07
123	498191.00	827785.00
124	498108.00	828050.00
125	498374.00	828502.00
161	498288.00	828578.00
179	496945.00	828812.00
180	496715.00	828812.00
304	498110.28	828892.74
306	498112.78	828877.63
307	498141.70	828855.78
457	497352.70	828954.37
498	498197.84	829297.82
499	498096.62	829316.00
500	498012.77	829306.18
501	497935.93	829357.11
502	497897.63	829389.34
503	497691.97	829412.84
509	495688.19	829029.01
547	497310.00	827999.99
548	497400.00	827620.00
1000	498213.20	828572.46
1001	498210.61	828799.11
1003	498145.83	828795.90
1004	498172.50	828639.50
1005	498173.30	828569.50
1006	497835.56	828544.48
1007	497347.00	828370.00
1008	497145.00	828438.00
1009	497145.00	828665.00
1010	497158.00	828762.00
1011	497210.00	828860.00
1012	497387.12	828921.85
1014	496568.00	828992.00
1015	496568.00	829184.00
1016	496750.00	829290.00
1017	496952.00	829275.00
1018	497465.00	829275.00
1019	497576.07	829205.08
1020	497648.90	829235.27
1021	497638.00	829275.00
1022	497700.00	829345.00
1023	497790.00	829345.00
1024	498189.99	829210.00
1025	498184.26	828975.50
1026	498104.94	828917.16
1031	497109.68	828182.39
1417	498233.67	829291.41
1419	498223.10	828859.02
1744	496493.35	828658.49

LINE TABLE		
LINE #	BEARING	DISTANCE
L1	S 41°28'04" E	114.77
L2	S 04°14'11" W	75.00
L3	S 89°20'38" E	226.67
L4	N 80°19'22" W	158.66
L5	N 89°20'38" W	70.00
L6	N 82°22'00" E	97.87
L7	N 62°02'57" E	110.94
L8	N 19°14'58" E	187.61
L9	S 43°28'24" E	39.56
L10	N 32°11'19" W	131.25
L11	N 22°30'46" E	78.83
L12	S 74°39'42" E	41.20
L13	N 48°28'06" E	93.51
L14	DUE NORTH	90.00
L15	S 36°20'00" W	98.47
L16	N 80°35'47" W	15.32
L17	N 37°04'11" W	36.25
L18	S 10°08'28" E	36.40
L19	S 10°11'05" E	102.84
L20	S 06°41'02" W	84.42
L21	S 33°32'03" E	92.19
L22	S 40°04'48" E	50.06



**TABULATION OF FINAL PLAT - THIS SHEET**

- TOTAL NUMBER OF OPEN SPACE LOTS AND PARCELS TO BE RECORDED: p/o 1
- TOTAL NUMBER OF PARCELS TO BE RECORDED: 0
- TOTAL AREA OF PARCEL TO BE RECORDED: 0.0000 Ac.
- TOTAL NUMBER OF OPEN SPACE LOTS TO BE RECORDED: p/o 1
- TOTAL AREA OF OPEN SPACE LOT TO BE RECORDED: 44.6731 Ac.
- TOTAL AREA OF ROADWAYS TO BE RECORDED: 0.0000 Ac.
- TOTAL AREA OF SUBDIVISION TO BE RECORDED: 44.6731 Ac.

N/F PROPERTY OF THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION L. 4118 F. 16

THE REQUIREMENTS OF SECTION 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1996 REPLACEMENT VOLUME, (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS, HAVE BEEN COMPLIED WITH.

*David S. Weber*  
 DAVID S. WEBER  
 PROFESSIONAL LAND SURVEYOR  
 MD. REG. No. 10852  
 DATE 2-11-99

*Joseph H. Necker, Jr.*  
 JOSEPH H. NECKER, JR., VICE-PRESIDENT  
 DATE 2/10/99

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN OF WATER & SEWERAGE FOR HOWARD COUNTY, MD.

*Joseph M. Boyd*  
 COUNTY HEALTH OFFICER  
 DATE 2-23-99

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

*David S. Weber*  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION  
 DATE 2/25/99

*Joseph H. Necker, Jr.*  
 DIRECTOR  
 DATE 3/4/99

**OWNER'S DEDICATION**

THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION, A MARYLAND CORPORATION, BY JOSEPH H. NECKER, JR., VICE-PRESIDENT AND JAMES D. LANO, ASSISTANT SECRETARY, OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPTS THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISHES THE MINIMUM BUILDING RESTRICTION LINES AND GRANTS UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS:

- 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;
- THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE, THE BEDS OF THE STREETS AND/OR ROADS, FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANTS THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS, FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE;
- THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE; AND
- THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY.

WITNESS OUR HANDS THIS 10<sup>TH</sup> DAY OF Feb, 1999  
 THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION

BY: *Joseph H. Necker, Jr.* JOSEPH H. NECKER, JR., VICE-PRESIDENT  
 ATTEST: *James D. Lano* JAMES D. LANO, ASSISTANT SECRETARY

**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THAT THE PLAT OF RESUBDIVISION SHOWN HEREON IS CORRECT; THAT IT IS A RESUBDIVISION OF PART OF THE LAND CONVEYED BY THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION TO HRD HOLDINGS, INC., BY DEED DATED NOVEMBER 14, 1987 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY IN LIBER 4118 AT FOLIO 16 (HAVING THEREAFTER CHANGED ITS NAME TO THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION BY ARTICLES OF AMENDMENT FILED JANUARY 5, 1988); AND BEING A RESUBDIVISION OF OPEN SPACE LOT 44 AS SHOWN ON A PLAT OF SUBDIVISION ENTITLED, "COLUMBIA, VILLAGE OF HICKORY RIDGE, SECTION 3 AREA 14, LOTS 1 THRU 44, SHEETS 1 THRU 7 OF 7" AND RECORDED AMONG SAID LAND RECORDS AS PLAT Nos. 7177 THRU 7183, AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND AS AMENDED.

*David S. Weber*  
 DAVID S. WEBER  
 PROFESSIONAL LAND SURVEYOR  
 MARYLAND REGISTRATION NO. 10852  
 DATE 2-11-99



RECORDED AS PLAT NUMBER 13641 ON 3-5-99, AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND

**COLUMBIA VILLAGE OF HICKORY RIDGE SECTION 3 AREA 14**  
 OPEN SPACE LOT 45 AND PARCEL 'A'  
 A RESUBDIVISION OF OPEN SPACE LOT 44 AS SHOWN ON PLAT Nos. 7177 THRU 7183

SHEET 2 OF 2 P/O PAR. 412, T.M. 35, GRID 16/22  
 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 SCALE: 1"=200' OCTOBER 1998

**GLW GUTSCHICK LITTLE & WEBER, P.A.**  
 CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS  
 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK  
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