COORDINATE TABLE

				
Coordin	ate Table			
Pt #	Northing	Easting		
PL15	536983.9868	1352107.4428		
PL18	537192.9057	1352672.2883		
PL14	536766.1956	1352489.2795		
PL13	536965.5689	1352591.7100		
PL17	536972.5150	1352627.2000		
PL7	537151.8914	1352888.5008		
RW2	537093.7508	1353083.3308		
RW3	536890.8824	1353397.7475		
RW4	536822.7298	1353456.8958		
RW5	536795.7701	1353456.2192		
RW6	536549. 86 98	1353322.5889		
RW7	536305.4222	1353176.6181		
RW8	536299.7041	1353154.7577		
RW9	536291.0087	1353108.8251		
RW10	536258.6421	1353051,2498		
RW11	536230.3349	1352990.6513		
RW13	536121.6122	1353041.4387		
RW14	536149.9193	1353102.0372		
RW15	536191.1131	1353175.3148		
RW16	536237.8641	1353201.9847		
RW17	536255.4853	1353210.6465		
RW18	536536.1565	1353381.0006		
RW19	536747.2674	1353492.9639		
RW20	536746.8219	1353522.7749		
PL11	537121. 48 00	1352904.9334		
EA232	537036.4551	1352805.4526		
PL12	536987. 95 03	1352743.6954		
PL16	536863.5289	1352697.9900		
PL5	536763.9469	1352771.7811		

WETLAND LINE TABLE

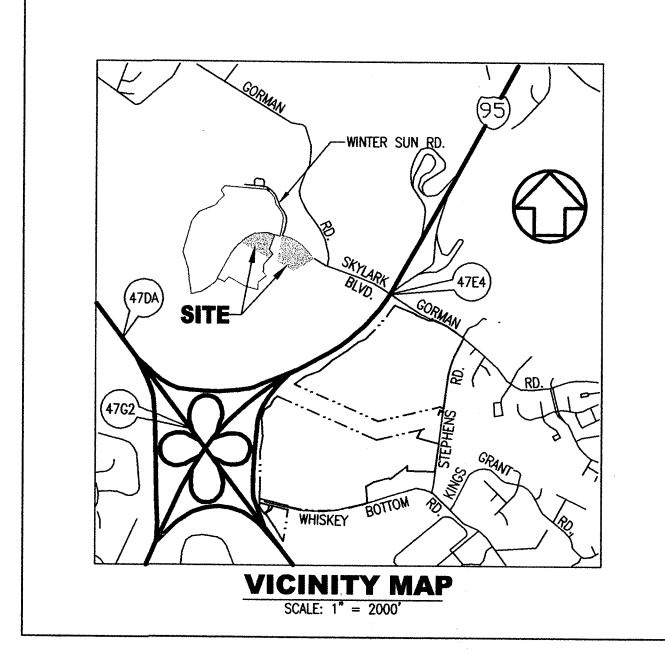
W E I	LAND LINE	IABLE		
LINE	BEARING	DISTANCE		
W1	N45°08'33"W	34.40'		
W2	N37°05'40"W	24.28'		
W3	N21°34'14"W	36.53'		
W4	N00'27'27"W	33.57'		
W5	S76 * 53'00"E	28.94'		
W6	S58 * 06'37"E	35.78'		
W7	S44°41'58"E	38.70'		
W8		24.06'		
W9	S40 ° 55'55"E	35.33'		
W10	S 36°2 9'49"E	18.59'		
W11	S38 ° 25'00"E	31.78'		
W12	S43 * 11'25"E	22.81'		
W13	S 43° 08'46"E	28.50'		
W14	N42*44'30"W	8.76'		
W15	N42*00'29"W	30.43'		
W16	N41°21'32"W	23.62'		
W17	N37 * 47'35"W	26.32'		
W18	N47*18'27"W	18.90'		
W19	S60 * 53'14"W	22.88′		
W20	N83*52'59"W	10.34		
W21	N58 ' 49'36"E	9.37		
W22	N25*48'37"E	11.41'		
W23	N6112'39"W	19.23'		
W24	S56*38'30"W	21.37'		
W25	S55*34'39"W	23.91'		
W26	S41°04'35"E	6.92'		

CURVE TABLE

CURVE	ARC	CHORD BEARING	RADIUS	DELTA	CHORD	TANGENT
C1	188.50'	N25°02'19"W	60.00'	180'00'00"	120.00'	
C2	66.11	N60°39'25"E	440.00'	08'36'32"	66.05	33.11
C3	84.14	S60'39'25"W	560.00'	08'36'32"	84.06'	42.15
C4	48.02'	N79°16'49"E	60.00'	45 *51'20"	46.75'	25.38
C5	<u>55.81'</u>	S29*42'12"W	60.00'	53*17'54"	53.82'	30.11
<u>C6</u>	23.45'	N75'20'28"E	25.00'	53'44'01"	22.60'	12.67
C7	20.18	S26'10'36"W	25.00'	46°14'43"	19.64'	10.68
C8	289.26'	S30'50'36"W	470.00'	35°15'44"	284.71'	149.37
C9	333.81'	S31'15'21"W	530.00'	36*05'14"	328.32'	172.65
C10	283.22'	S28'31'16"W	530.00'	30'37'05"	279.86'	145.08
C11	241.62'	S27*56'22"W	470.00'	29°27'16"	238.96'	123.54
C12	379.23'	S57*10'09"E	670.00'	32*25'48"	374.18'	194.84
C13	618.76'	N69*42'08"E	770.00'	46'02'31"	602.24'	327.18
C14	19.31'	S89°37'44"E	30.00'	36 ° 52'11"	18.97'	10.00
C15	51.58'	S81*40'45"E	56.00'	52'46'10"	49.77	27.78

EMERSON

SECTION 2, PHASE 2





OWNER/DEVELOPER

THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION 10275 LITTLE PATUXENT PARKWAY COLUMBIA, MD 21043

SYSTEMS, IN CONFORMANCE WITH THE MASTER PLAN

OF WATER AND SEWERAGE FOR HOWARD COUNTY

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING

COUNTY HEALTH OFFICER

CHIEF, DEVELOPMENT ENGINEERING DIVISION MK

PLANS FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HAVE BEEN APPROVED BY THE MARYLAND DEPARTMENT OF

3-5-02

2/21/02

THE ENVIRONMENT AND THESE FACILITIES WILL BE AVAILABLE TO ALL LOTS OFFERED FOR SALE. THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION

JOSEPH/ H. NECKER, Jr., VICE PRESIDENT

1/30/02

ON 3/20/02 LAND RECORDS OF HOWARD COUNTY, MD.

OWNER'S DEDICATION WE, THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION, BY JOSEPH H. NECKER JR., VICE—PRESIDENT AND CYNTHIA L. STEWART ASSISTANT SECRETARY, 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 LINED HOWARD COUNTY MARYLAND, LTS SUCCESSORS AND ASSISTANT IINIMUM 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 EASEMENTS SHOWN HEREON;
 (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS, AND FLOODPLAINS AND OPEN SPACES, WHERE APPLICABLE, AND FOR OTHER 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 FLOODPLAINS, STORM DRAINAGE FACILITIES, AND OPEN SPACES, WHERE APPLICABLE; AND THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF 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

THE REQUIREMENTS OF SECTION 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.

WITNESS OUR HANDS THIS 30 DAY JAN. 2002 JOSEPH/M. NECKER JR., VICE PRESIDENT/ THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION

CYNTHIA L STEWART, ASSISTANT SECRETARY DATE THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION

SURVEYOR'S CERTIFICATE

IN THE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN
HEREON IS CORRECT, THAT IT IS A SUBDIVISION OF
PART OF THE LANDS CONVEYED BY HOWARD RESEARCH AND
DEVELOPMENT CORPORATION TO THE HRD HOLDINGS, INC.
BY DEED DATED DECEMBER 18, 2000 AND RECORDED IN
THE LAND RECORDS OF HOWARD COUNTY, MARYLAND
IN LIBER 5389 FOLIO 370. THE HRD HAD BROCK THE IN LIBER 5289 FOLIO 330; THE HRD HOLDINGS, INC. HAVING THEREAFTER CHANGED ITS NAME TO THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION BY ARTICLES RESEARCH AND DEVELOPMENT CORPORATION BY ARTICLES OF AMENDMENT DATED JANUARY 5, 2001 AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN. THE REQUIREMENTS OF SECTION 3–108, THE REAL PROPERTY ARTICLE, OF THE 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.

1/29/02 Registered Professional Land Surveyor #11041

GENERAL NOTES

1. COORDINATES ARE BASED UPON NAD 83'(91') MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 47DA, 47E4 & 47G2 2. THIS PLAT IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR

ABOUT JUNE 25, 1999 BY DAFT-McCUNE-WALKER, INC. 3. ALL AREAS SHOWN ON THIS PLAT ARE MORE OR LESS.

4. THE SUBJECT PROPERTY IS ZONED PEC-MXD-3 AND R-SC-MXD-3 AS GRANTED BY THE ZONING BOARD ON SEPTEMBER 3 1998 AS CASE No. ZB-979 M.

5. NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE WETLANDS, STREAMS, OR THEIR BUFFERS AND FOREST CONSERVATION EASEMENT AREAS EXCEPT AS SHOWN AND APPROVED HEREON. THE WETLAND DISTURBANCE ASSOCIATED WITH CONSTRUCTION OF PALACE HALL DRIVE HAS BEEN DETERMINED TO BE NECESSARY, IN ACCORDANCE WITH SECTION 16.116 OF THE

6. FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM AND ROAD RIGHT-OF-WAY AND NOT TO THE PIPESTEM LOT DRIVEWAY.

7. PUBLIC WATER AND/OR SEWER ALLOCATION FOR THIS DEVELOPMENT IS SUBJECT TO SECTION 18.122B OF THE HOWARD COUNTY CODE. ALLOCATION WILL BE MADE AT THE TIME OF FINAL PLAT APPROVAL, IF CAPACITY IS AVAILABLE AT THAT TIME.

8. DEVELOPER RESERVES UNTO ITSELF, ITS SUCCESSORS AND ASSIGNS, ALL EASEMENTS SHOWN ON THIS PLAT FOR WATER, SEWER AND STORM DRAINAGE AND OTHER PUBLIC UTILITIES LOCATED IN, ON, OVER AND THROUGH PARCELS B&C.

ANY AND ALL CONVEYANCES OF THE AFORESAID LOTS AND PARCELS SHALL BE SUBJECT TO THE EASEMENTS HEREIN RESERVED, WHETHER OR NOT EXPRESSLY STATED IN THE DEEDS CONVEYING SAID LOTS AND PARCELS. DEVELOPER SHALL EXECUTE AND DELIVER DEEDS FOR THE EASEMENTS HEREIN RESERVED TO HOWARD COUNTY UPON COMPLETION OF THE PUBLIC LITTLITIES AND THEIR ACCEPTANCE. COUNTY, UPON COMPLETION OF THE PUBLIC UTILITIES AND THEIR ACCEPTANCE BY HOWARD COUNTY. THE COUNTY SHALL ACCEPT THE EASEMENTS AND RECORD THE DEEDS OF EASEMENT IN THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

9. THIS PLAT COMPLIES WITH THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION. THE CUMULATIVE FOREST CONSERVATION OBLIGATION FOR EMERSON, SECTION 2, PHASE 1-2 HAS BEEN SATISFIED BY 16.85 ACRES OF RETENTION AND 4.98 ACRES OF REFORESTATION. NO FC EASEMENTS ARE CREATED ON THIS PLAN/PLAT FOR

PHASE 2.

10. PREVIOUS HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING FILE NO. ZB-979 M, PB-339, S-99-12 & P-00-16.

11. PHASING FOR THIS PROJECT IS IN ACCORDANCE WITH THE DECISION AND ORDER FOR ZONING CASE ZB-979M AND THE DECISION AND ORDER FOR PB-339 (COMPREHENSIVE SKETCH PLAN

12. ON SEPTEMBER 3, 1998, THE ZONING BOARD GRANTED APPROVAL OF ZB-979M FOR THE PRELIMINARY DEVELOPMENT PLAN AND DEVELOPMENT CRITERIA FOR 516 ACRES OF LAND RE-ZONED AS PEC-MXD-3 AND R-SC-MXD-3.

13. PARCELS B & C MAY BE RESUBDIVIDED FOR OTHER RESIDENTIAL USES, IN ACCORDANCE WITH THE APPROVED COMPREHENSIVE SKETCH PLAN (S-99-12) AND DEVELOPMENT CRITERIA. 14. DEVELOPMENT FOR THIS PHASE WILL BE DONE IN ACCORDANCE WITH THE DEVELOPMENT

CRITERIA APPROVED WITH COMPREHENSIVE SKETCH PLAN S-99-12 (PB-399). 15. VEHICULAR INGRESS AND EGRESS IS RESTRICTED ALONG SKYLARK BOULEVARD, EXCEPT AT ACCESS POINTS APPROVED W/ P-00-16, OPPOSITE "ETERNAL SKY DR." & "WINTER SUN RD," AND SUBJECT TO SITE PLAN APPROVAL.

SITE ANALYSIS DATA CHART

1. General Site Data

a. Present Zoning: PEC-MXD-3 AND R-SC-MXD-3
b. Applicable DPZ File References: ZB 979M-REZONING, S-99-12, PB-339, P-00-16.

c. Proposed Use of Site or Structure(s): MIXED USE: OTHER RESIDENTIAL d. Proposed Water and Sewer Systems: Public X

Area Tabulation
 Gross Site Area for Phase 2:12.658 Acres.
 Approximate Area of 100 Year Floodplain: 0.000 Acres.

c. Approximate Area of Steep Slopes (25% or Greater): 0.000 Acres.

d. Net Site Area: 12.658 Acres.

e. Area of Proposed SFD Lots: 0.000 Acres. f. Area of Proposed OR Lots/Parcels:12.658 Acres. (Includes 1.490 Acres of roads)

g. Area of Proposed Employment Lots/Parcels: 0 h. Area of Proposed Open Space Lots:

. Area of Proposed Public Roads:

1.490 Acres. Area of Proposed Private Roads: 0.000 Acres.

3. Unit/Lot Tabulation

a. Total Number of Residential Units/Lots Allowed for Project: 1200 D.U. (PER ZB 979-M)

b. Number of SFD Residential Units/Lots proposed: 0 c. Number of Other Residential SFA Units/Lots proposed: 122 OTHER RES.*

d. Number of Other Residential Apartment units proposed: 0

e. Number of Other Residential Parcels proposed: 0

f. Total Number of Residential Lots/Parcels proposed: 2

g. Total Number of Residential Units proposed: 122 *

+ 2 UNITS (RECEIVED FROM PHASE 1845-01-122 UNITS (TOTAL PHASE 2)

*120 UNITS (PHASE 2)

a. Number of Open Space Lots/Parcels proposed: 0
 b. Open Space Required: 4.53 Acres(35.4% of gross acreage, unless excess open space from another phase is

used to meet this obligation.)

c. Open Space Provided: Of the excess 4.62 acres of Open Space created under Phase 1 (P-00-15), 4.53 Acres will be credited toward meeting the obligations for Phase 2.
 d. Excess Open Space available for credit in other phases: 0.09 Acres

e. No Recreational Open Space is required for the Emerson, Section 2 Development. 5. Density Tabulations

Maximum allowed overall density: 2.32 units/gross acre per PB-339.

b. Maximum allowed density for SFD areas: 3.8 units/gross acre of all SFD areas

5.0 units/gross acre for any individual SFD area.

c. Maximum allowed density for Other Residential (OR) areas: 12.1 units/gross acrea of all OR areas

20.0 units/gross acre of any individual OR area. d. Proposed SFD Density:

Proposed OR Density: 9.48 units/gross acre(This phase only)

DATE: 8/24/01

DRAWN BY: SJD

REVIEW BY: MLR

MORRIS & RITCHIE ASSOCIATES, INC. ENGINEERS, PLANNERS, SURVEYORS, AND LANDSCAPE ARCHITECTS

110 WEST RD. - SUITE 245 TOWSON, MD. 21204 (410) 821-1690 Fax: (410) 821-1748

FINAL PLAT JOB NO: 11494

EMERSON SCALE: 1'=100"

SECTION 2, PHASE 2, PARCELS B & C PUBLIC ACCESS AND STORM DRAIN EASEMENT AND PLAT OF REVISION FOR OPEN SPACE LOT 174

SHEET 1 OF 2
ZONING: PEC-MXD-3 AND R-SC-MXD-3
TAX MAP 47 - P/O PARCELS 3 & 837
SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

