1										
	DRAWING TITLES									
	SHEET	DESCRIPTION								
	1	COVER SHEET								
	2	PRELIMINARY PLAN								
	3	GRADING, SEDIMENT & EROSION CONTROL PLAN								
	4	PRELIMINARY FOREST CONSERVATION AND LANDSCAPE PLAN								

GENERAL NOTES

- 1. Existing Zoning: PEC-MXD-3 per April 2004 Comprehensive Zoning Plan and ZB Case No. 979-M
 2. Deed Reference: 3245/2514, 5289/330
 3. Plat Reference: Plat Nos. 17999 and 18000 recorded as a Plat of FCE for Parcels 462 and 837
 4. Gross Area of Tract: 28.84 ac.
 5. Area of 100 Year Floodplain: 1.46 ac.
 6. Area of Steep Slopes: 0.36 ac.(0.33 ac. Outside Floodplain)
 7. Net Area of Tract: 27.0509 ac.
 8. Number of Proposed Lots/Parcels: 3
 9. Area of Proposed Lots/Parcels:

- a) Buildable Lots: 20.28 ac. b) Open Space Lots: 7.58 ac. c) 116 apartments are proposed for Parcel'B' d) Area of Proposed Public Roads: 0.98 ac.
- 10. Land for a Public Road will be dedicated under a plat to be submitted with the Final Plan for the Emerson.
 11. This project is in conformance with the latest Howard County Standards unless waivers have

- This project is in conformance with the latest Howard County Standards unless waivers have been approved.
 The existing topography shown hereon was provided by Daft-McCune-Walker, Inc dated September, 1998.
 Landscaping for this development and landscaping surety will be provided as part of the Developers Agreement, at final plan stage, in accordance with the latest edition of the Howard County Landscape Manual and the approved Emerson Landscape and Street Tree Design Criteria
 This phase of the Emerson project complies with Section 16.1200 of the Howard County Code for Forest Conservation by retaining 0.84± ac. of existing forest and providing 0.62± ac. of reforestation. When evaluated cumulatively with previous phases of the project 71.14± ac. of forest have been cleared, 54.68± ac. have been retained, and 16.11± ac. have been reforested. The cumulative reforestation obligation is 14.32 ac.
 The coordinates shown hereon are based upon the Howard County Geodetic Control, which is based upon the Maryland State Coordinate System. Howard County Monument No's 47DC & 47EB were used for this project.
- were used for this project.

 16. This property is within the Metropolitan District.

 17. Stormwater management for this development will be provided by the following means:
- Recharge volume (REV) will be via grass channel credit provided under the SDP for these parcels since the site grading and building locations are not known at this time. The water quality (WQV) will be provided through a micro-pool extended detention pond and the natural area conservation credit. Channel protection volume (CPV) will be provided through the micro-pool extended detention pond. Overbank flood protection volume and extreme flood protection volume are not required. The facility is to be privately owned by the HOA and ignitly maintained

- Existing utilities shown hereon are based on field surveys and record drawings.
 Floodplain onsite based on a Floodplain Analysis prepared by Daft-McCune-Walker, Inc. previously submitted under S-99-12.
 There are wetlands onsite within Open Space Lot 1 per SDp-05-124.
 Traffic study provided under S-99-12.
 The unmitigated noise study for this project was provided under S-99-12. The mitigated noise contour is based on a study prepared by Century Engineering, Inc. dated September, 2006.
 The geotechnical study for this project was prepared by The Robert B. Bolter Company dated March, 2006.
- March, 2006. 24. Project Background Information:
- a) Subdivision Name: EmersonSection 2 Phase 8/B
 b) Tax Map/Block/Parcel: 47/8/p/o 462 \$ p/o 837
 c) Zoning: PEC-MXD-3
 d) Election District: 6th
 e) Total (Gross) Tract Area: 28.84 ac.
 f) Number of Proposed Lots/Parcels: 3
 g) Applicable Department of Planning \$ Zoning File No's.: S-99-12(Key Property),
 SDP-05-124, PB-359, ZB-979M, WP-01-22, WP-07-31
 The existing dualling and shed on-site are to be removed

- SDP-05-124, PB-339, PB-359, ZB-979M, WP-01-22, WP-07-31

 25. The existing dwelling and shed on-site are to be removed.

 26. The proposed access street shall be public.

 27. BRL denotes the Building Restriction Line.

 28. Sediment and erosion control measures will be provided in accordance with the 1994 Maryland Standards and Specifications for Soil Erosion and Sediment Control and will be shown on the Final Plan.

 29. Street trees will be provided on the access street in accordance with Section 16.124 of the Howard County Subdivision Regulations.

 30. Sidewalks are are provided in accordance with Section 16.134 of the Howard County Subdivision Regulations.

 31. A Community Input Meeting is not required in the MXD zone.

 32. The open space lot is to privately owned by the HOA.

 33. Offsite grading is allowed since the adjacent property owners are the same as the subject property.

- 34. The minimum building setback restrictions from the property lines and the public road right-of-way lines for the Other Residential and Employment parcels shall be in accordance with the Comprehensive Sketch Plan Development Criteria approved under 5-99-12, PB-339
- 35. Phasing for this project is in accordance with the Decision and Order for Zoning Board Case No. 979-M and the Decision and Order approved for PB-339 (Comprehensive Sketch Plan,
- 36. There are no historic structures or cemeteries located on the subject property.
 37. No grading, removal of vegetative cover or trees, paving and new structures shall be permitted within the wetlands, stream or their required buffers, flood plain and forest conservation
- 38. This plan is subject to MP-07-31 to waive Section 16.121(e)(1) requiring open space lots to have a minimum of 40' of frontage onto a public road for access by pedestrians and maintenance vehicles. The waiver was denied on October 23, 2006.

COORDINATE TABLE

C	OORDINALE	: IABLE
PTS	NORTHING	EASTING
1	535678.8108	1354749.8624
2	535647.6780	1354736.1974
3	534792.6577	1353650.9698
4	534716.0816	1353502.5612
5	534630.5630	1353210.2230
6	534833.3836	1353277.2532
7	535084.5281	1353310.2274
8	535210.3186	1353202.7390
0	535431.7924	1353231.8035
10	535476.1749	1353200.2083
1	535480.8397	1353221,4231
32	535551.6503	1353171.0204
13	535583.3151	1353182,7041
14	535606.5698	1353234.4951
15	535603.7920	1353242.3150
6	535544.4387	1353269,4214
17	535521.9582	1353294.0828
18	535550.7737	1353326.4018
9	535520.5957	1353376.2344
20	535496.3399	1353431.7465
2	535487.1856	1353448.7146
22	535526.8661	1353532.2269
23	535805.7507	1353578.1481
24	535832.1748	1353618.5073
25	535859.9943	1353631.0346
26	535913.8501	1353599.1039
27	535994.0520	1353656.3558
28	536016.5873	1353651.8059
29	536233.2873	1353791,4738
30	535997.5018	1354214.0469

31 535966.8232 1354265.6343

TENTATIVELY APPROVED

DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY

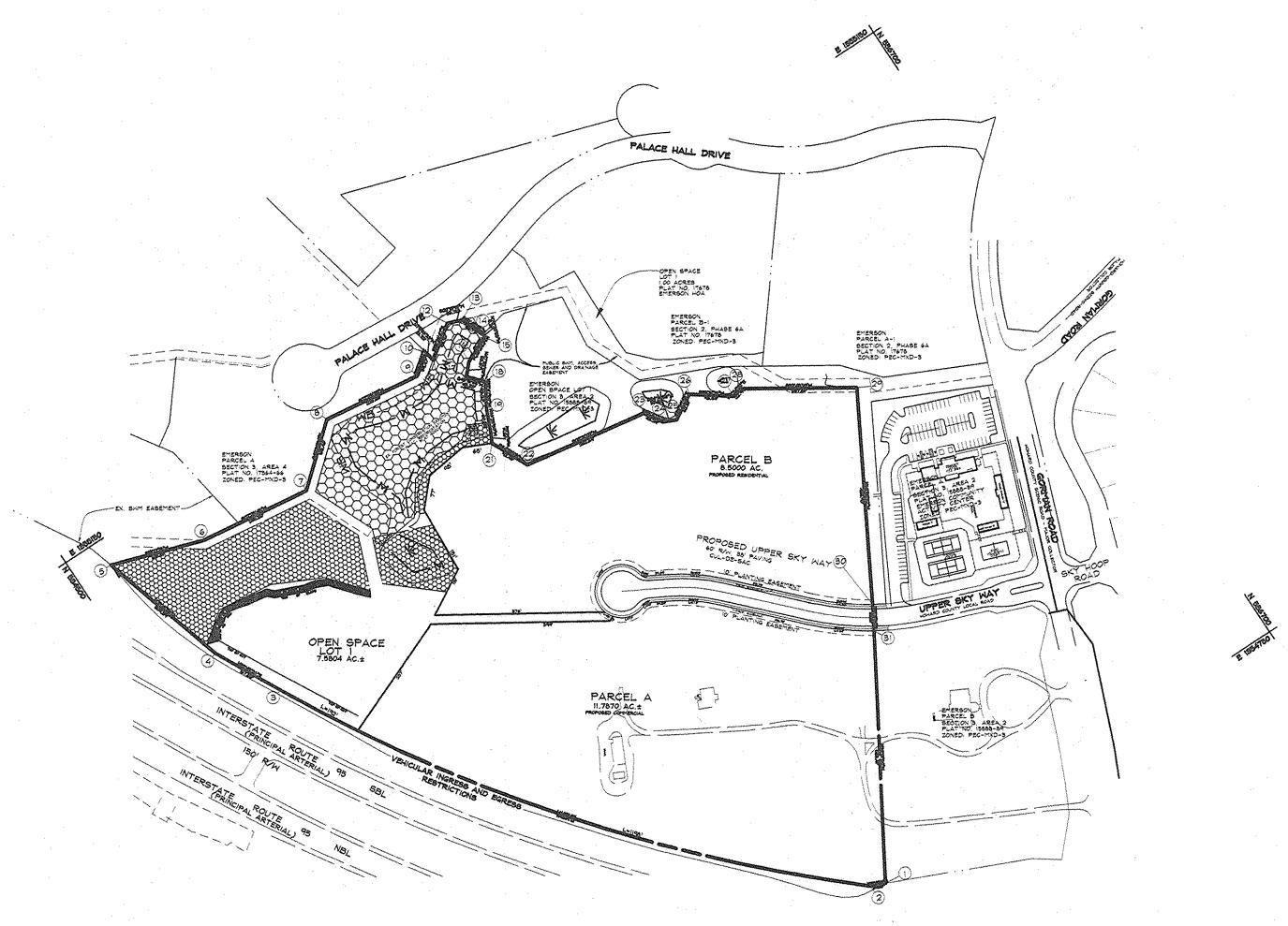
Open Space Tabulations

Open Space Required:

26.3% is provided on this plan Open Space Provided: and the remaining required open space was provided as excess open space by other final plans such as (F-01-137 F-02-131 F-03-13.

PRELIMINARY PLAN SECTI

GRID 8, TAX MAP 47, 6TH ELECTION DISTRICT PARCEL P/0 462 \$ P/0 837 HOWARD COUNTY, MD



EMERSON, SECTION 2 & 3 OVERALL DEVELOPMENT TRACKING CHART

Section and Phase	File Reference Number	Gross Acreage	SFD Ac. (%) (A)	Other Res. Ac. (%)	Employment Ac. (%)		en Space Ac. (%)	SFD Units	SFD Density (C)	Other Res. Units (SFA/Apt/Condo)	Other Res. Density (D)
2/1A	F-01-136	8.4	3.6 (43%)	- 0 -	-0-		4.8 (57%)	•	~	,	
2/1B	F-01-137	97.8	49.7 (50.8%)	8.0 (8.2%)	-0-		40.1 (41%)	160	3.2	80 SFA	10 D.U./Ac.
2/2	F-01-145	12.7	-0-	12.7 (100%)	- 0 -		-0-		*	120 SFA	9.4 D.U./ Ac.
2/3	F-02-55	18.5	-0-	12.0 (64.9%)	-0-		6.5 (35.1%)	.	-	120 SFA	10 D.U./Ac.
3/1	F-02-131	69.5	-0-	-0-	22.0 (31.7%)		47.5 (68.3%)	**	-	•	
3/2	F-02-178	12.3	- 0 -	-0-	8.9 (72.4%)		3.4 (27.6%)	**		, -	
2/4	F-03-13	44.5	27.4 (61.5%)	-0-	-0-		17.1 (38.5%)	120	4.4	•	
2/5C	F-03-175	3.0	0.7 (23.3%)	-0-	0.2 (6.7%)		2.1 (70%)	-	-	-	
2/6A(F)	F-04-68	10.4	-0-	9.4 (90.4%)	-0-		1.0 (9.6%)	· ·	-	100 SFA	10.6 D.U/Ac.
2/5A & 3/3	F-04-53	29,2	22.7 (77.7%)	-0-	3.9(13.4%)		2.6 (8.9%)	87	3.9	· *	
2/5B & 3/4	F-04-127	23.9	-0-	2.9(12.1%)	14.1 (59%)		6.9 (28.9 %)	en e	<u>-</u> /	60 Apt (EMP) 33 SFA (OR)	11.4 D.U./Ac.
2/6B	F-05-89	6.2	4.9 (79.0%)	-0-	-0-		1.3 (21.0%)	20	4.1	-	
2/03	F-05-93	8.5	-0-	8.5 (100%)	- 0 -		-0-	•	-	73 Apt 47 SFA	14.1 D.U./Ac.
2/8A(G)	F-07-	0.0	-0-	-0-	-0-		-0-	3	**	-	
2/8B	P-06-11	28.8	-0-	8.5(29.5%)	12.72(44.2%)	7.	58 (26.3%)	~		117 Apt	13.8 D.U./Ac.
TOTAL		373.7	109 (29.2%)	62 (16.6%)	60.9(16.3%)	:	140.9(37.7%)	390	3.6	250 Apt 500 SFA	11.1 D.U./Ac.
			•	•						750 Total	
	,		•	,	· .			Max. Res. Ur	its Proposed	Max. Res. Unit	
Overall Densit	y Tabs	(E) Proposed	(B) Allowed	Land U	Jse Acreages	Proposed	Allowed		· .	ZB-979 M	S-99-12
Overall SFD D		3.6	3.8		FD	109	117	390	SFD	450 (37.5%)	395 (34.5%)
Overal OR De		11.1	12.1		R	62	62	250	APT	250 (20.8%)	250 (21.8%)
Overall Project		2.21	2.32	E	MP	62	154.9	500	SFA	500 (41.7%)	500 (43.7%)
•				0	pen Space	140.7	183	,		1200	1145

TÔTAL (A)SFD acreage includes Common Open Areas (COA Lots). (B) Overall allowed densitbased on maximum number of units allowed per ZB 979 M and Max. Allowed Land Use Acreages. (G) This is a resubdivision of SFD Land Use recorded with F-0343

(C) Max. density for any individual SFD area is 5.0 units/acre. (D) Max. density for an individual OR area is 20.0 units/acre.

(E) Proposed density tabulations are shown for informational purposes only. Those tabulations will be reconciled against the maximum density tabulations with the last plat or phase. (F) Resubdivided by F-06-25 to create 1.0 ac of credited Open Space

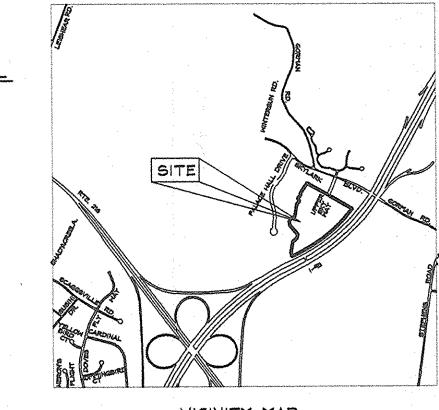
Note: This chart reflects the current information for this project at the time of recordation of each individual plat. For current information, refer to the most recently recorded plat.

BENCHMARK

DESCRIPTION

BENCHMARK #1 N. 536615.0157 1353679,1226 47DC ELEV. 343.249

536212.7456 1354833.6403 47EB 354,296



SCALE: 1"=2000"

DRAWING LEGEND EXISTING MINOR CONTOUR (2' INTERVAL) _680 _____ EXISTING MAJOR CONTOUR (10' INTERVAL) FESS. MOVERS HOUNTABLE CUTER GUTTER

EX. BUILDING

PROPOSED BUILDING EXPANSION PROPOSED SPOT ELEVATION & FLOW ARROW

- PROPOSED PRIVATE ROAD/DRIVE CENTERLINE

EXISTING TREES

EXISTING SHRUB/BRUSH LINE PROP. 18" D. PROPOSED STORM DRAIN W PROPOSED INLET PROTECTION MEASURES $\nabla \Diamond \Diamond$ PROPOSED WATER LINE & HYDRANT

EXISTING TREELINE

BAN B' PVC PROPOSED SEWER AND MANHOLES PROPOSED ELECTRIC TRANSFORMER PROPOSED ELECTRIC METER

EXISTING FOREST CONSERVATION EASEMENT PROPOSED FOREST CONSERVATION EASEMENT

> 18' NO MOODY ZONE EXISTING WETLANDS

___ 25' WETLANDS BUFFER

BOUNDARY AND TOPOGRAPHY BASED ON A SURVEY PREPARED BY DAFT-Mccune--Walker, Inc. Dated September 1998. FLOODPLAIN BASED ON ANALYSIS BY DAFT-McCUNE-WALKER, INC.

DeMario Design Consultants, Inc.

Fax. (410) 386-0564 66 East Main Street, Suite 200 eMail: ddo@demariodesign.us Westminster, MD 21157 **DEVELOPER:** GENERAL GROWTH PROPERTIES 10275 LITTLE PATUXENT PKWY HOWARD RESEARCH AND DEVELOPMENT 10275 LITTLE PATUXENT PKWY COLUMBIA, MD 21044 COLUMBIA, MD 21044 410-992-6000 410-992-6000 SITE ADDRESS: UPPER SKY WAY

> PRELIMINARY PLAN EMERSON SECTION 2, PHASE 8B, PARCELS A AND B, OPEN SPACE LOT COVER SHEET

> > HOWARD COUNTY, MD

6TH ELECTION DISTRICT

REVISIONS DRN. REV. DATE DESCRIPTION OF CHANGES DES. BY: JCO/MRT CO. FILE # P-06-11 DRN. BY: JCO TAX ACC. #: N/A TAX MAP: 47 CHK. BY: JCO BLOCK / GRID: 8 DATE: 12.08.06 PARCEL# P/O 462, P/O 837 DDC JOB# 05104.1 SHEET NUMBER: ZONE / USE: PEC-MXD-3

DWG. SCALE: 1"=200"

