

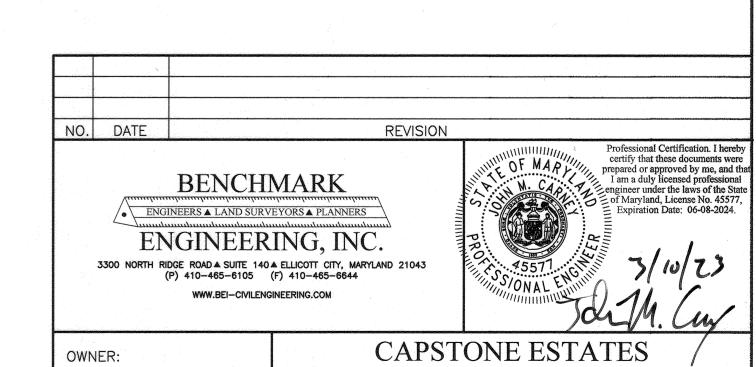
Capstone Estates DATE: 10/03/22 **Facility Summary** Pe (LOTS): 1.52 inches

**BIORETENTION FACILITIES (M-6 AND F-6)** Ponded Ponded Req'd Stone | Stone Storage Total ESDv | Pe Prov. | Facility Impervious I (%) Volume Rev (cf) Req'd (cf) Storage Storage (cf) | Provided (cf) Provided (cf) (75%)MBR-1 (M-6) 19,448 10,590 54% 1330 15,584 8,255 53% 2.26 257.3 0.53 1039 965.5 1545 MBR-3 (M-6) 9,207 1,500 16% 0.20 229 4.08 90.3 172 394 616 20,345 2598 3828 2351 694

				DRY	WELL FAC	ILIITY (M-5)				
Facility	Impervious Area (SF)	Drainage Area (SF)	/olumetric	ESDv Required (CF)	Length (ft)	Width (ft)	Depth (ft)	Volume CF	Rev Provided (CF)	Full ESDv Provided?
DW 3-1 (M-5)	750		0.95	90.21	8.00	8.00	5.00	128	128.0	yes
DW 3-2 (M-5)	750	750	0.95	90.21	8.00	8.00	5.00	128	128.0	yes
DW 4-1 (M-5)	750	750	0.95	90.21	8.00	8.00	5.00	128	128.0	yes
DW 5-1 (M-5)	750	750	0.95	90.21	8.00	8.00	5.00	128	128.0	yes
Totals	3000				:			512.0	512.0	

1,105 CF **EXCESS** The total ESDv provided by this design is: 671 CF **EXCESS** The total Rev provided by this design is: Micro-Bioretention facilities within the 100' well radius must be provided with an impermeable liner.

\*The ESDv summary table portrays storage in excess of that required for Environmental Site Design requirements.



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LOTS 1-5 R-20 SINGLE FAMILY DETACHED

TAX MAP: 18, GRID: 07, PARCEL: 23

ZONED: R-20

SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND ENVIRONMENTAL CONCEPT PLAN STORMWATER MANAGEMENT PLAN AND DRAINAGE AREA MAP

MARCH, 2023 BEI PROJECT NO. 3119 DESIGN: JC | DRAFT: JC SCALE: AS SHOWN SHEET

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