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STORMWATER MANAGEMENT SUMMARY

	BASIN #8		TRAP #9		TRAP #10		BASIN #11		TRAP #13	
DESIGN CRITERIA ITEM	BEFORE DEV.	AFTER DEV.	BEFORE DEV.	AFTER DEV.	BEFORE DEV.	AFTER DEV.	BEFORE DEV.	AFTER DEV.	BEFORE DEV.	AFTER DEV.
DRAINAGE AREA	13.8 ac.	13.5 ac.	0.8 ac.	1.7 ac.	3.2 ac.	3.0 ac.	8.6 ac.	7.9 ac.	0.2 ac.	0.9 ac.
CURVE NUMBER	58	91	58	91	58	91	58	91	58	91
TIME OF CONCENTRATION	0.25 Hr.	0.10 Hr.	----	----	0.31 Hr.	0.07 Hr.	0.28 Hr.	0.06 Hr.	----	----

TEMPORARY SWM SUMMARY

		BEFORE	UNMANAGED	MANAGED
BASIN #8	1 YR	0.72 c.f.s.	33.05 c.f.s.	0.51 c.f.s. @ 464.24
	2 YR	3.44 c.f.s.	43.14 c.f.s.	2.81 c.f.s. @ 464.40
	10 YR	18.22 c.f.s.	74.93 c.f.s.	41.31 c.f.s. @ 465.34
BASIN #11	1 YR	0.44 c.f.s.	19.29 c.f.s.	0.11 c.f.s. @ 444.24
	2 YR	1.94 c.f.s.	25.17 c.f.s.	1.13 c.f.s. @ 444.36
	10 YR	10.67 c.f.s.	43.72 c.f.s.	24.29 c.f.s. @ 445.10

LEGEND

- B SOILS
- C SOILS
- D SOILS
- DRAINAGE DIVIDE
- TC PATH (A) (B)

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DocuSigned by: 11/29/2021
Chief, Bureau of Highways — Date

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

DocuSigned by: 11/24/2021
Director — Date

DocuSigned by: Chad Edmundsen 11/23/2021
Chief, Development Engineering Division — Date

GLW
PLANNING | ENGINEERING | SURVEYING
3909 NATIONAL DRIVE | SUITE 250 | BURTONSVILLE, MD 20866 | GLWPA.COM
PHONE: 301-421-4024 | BALT: 410-880-1820 | DC&VA: 301-989-2524 | FAX: 301-421-4186

DESIGNED BY: DEV
DRAWN BY: AWL
CHECKED BY: DEV

DATE	REVISION	BY	APP'R.

PREPARED FOR:
WESTMOUNT DEVELOPMENT CORPORATION
307 INTERNATIONAL CIRCLE, SUITE 130
HUNT VALLEY, MARYLAND 21030
410-489-4489
ATTN.: ROBERT GOODIER

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 12975
EXPIRATION DATE: MAY 26, 2022
10/28/21

STATE OF MARYLAND — ANDREW W. LEWIS — No. 12975 — PROFESSIONAL ENGINEER

TEMPORARY SWM DRAINAGE AREA MAP (PRE-DEVELOPMENT)

WESTMOUNT - PHASE 4
LOTS 295-394 AND OPEN SPACE LOTS 395-418

A RESUBDIVISION OF NON-BUILDABLE BULK PARCELS E & F

ELECTION DISTRICT No. 2 — HOWARD COUNTY, MARYLAND

SCALE	ZONING	G. L. W. FILE No.
1"=100'	R-ED	13-013
DATE	TAX MAP - GRID	SHEET
OCT., 2021	23-6&12	29 OF 45

F-21-032

L:\CADD\DRAWINGS\13013\PLANS BY GLW\ROADS-SD (PH4)\PHASE 4_29_SC - Temp SWM DAM-PRE.dwg, SHEET 10/25/2021 3:07 PM, ACT SAVED 10/25/2021 3:07 PM, ACTIVE PLOTTED BY: Amy Lepore

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