



NORTH  
(NAD 83/91)

JOB NUMBER: 04974  
 DRAWN BY: MJB  
 DESIGNED BY: JSR  
 CHECKED BY: JSR

**DS Thaler & Assoc., LLC**  
 CIVIL AND ENVIRONMENTAL ENGINEERS, SURVEYORS  
 LANDSCAPE ARCHITECTS & LAND PLANNERS  
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 410-944-6647  
 www.dshtaler.com

REVISIONS

Date	Description

PROP. DRAINAGE CONDITIONS*					
DA (ac.)	CN	Tc (hr.)	Q2 (cfs)	Q10 (cfs)	Q100 (cfs)
25.08	64	0.216	16.25	50.13	140.62

\* WITH REDUCED CURVE NUMBER APPLIED

- LEGEND**
- PROPERTY BOUNDARY
  - EXISTING CONTOUR MAJOR
  - EXISTING CONTOUR MINOR
  - PROP. CONTOUR MAJOR
  - PROP. CONTOUR MINOR
  - STREAM CENTERLINE
  - STREAM BUFFER
  - EX. STORM DRAIN
  - EX. TREE LINE
  - SOILS BOUNDARY
  - ZONING LINE
  - PROPOSED IMPERVIOUS
  - PROPOSED GRASS
  - DRAINAGE AREA DIVIDE
  - PROP. TIME OF CONCENTRATION PATH
  - LINE OF INVESTIGATION
  - LIMIT OF DISTURBANCE

**CONCEPT STORMWATER PLAN**  
**PROPOSED CONDITIONS DRAINAGE AREA MAP**  
**PATAPSCO ESTATES, SECTION 6**  
 P-24-0058  
 PATAPSCO DRIVE, TOWN OF SYKESVILLE  
 CARROLL COUNTY, MARYLAND  
 ELECTION DISTRICT NO. 5  
 TAX MAP 78, GRID 13, PARCEL 531

PROFESSIONAL CERTIFICATION:  
 I HEREBY CERTIFY THAT THESE DOCUMENTS 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. 57725, EXPIRATION DATE 09/10/2025.  
 EMAIL: JROYALL@DSTHALER.COM  
 9/26/2024

File name: U:\Patapasco Estates\00\_CADD\10\_Action\_Engineer\PC\_CADD\CADD\_Lang\_Layout\Layout11-Sep-26\_2024.3.rvt