


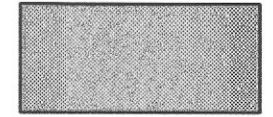
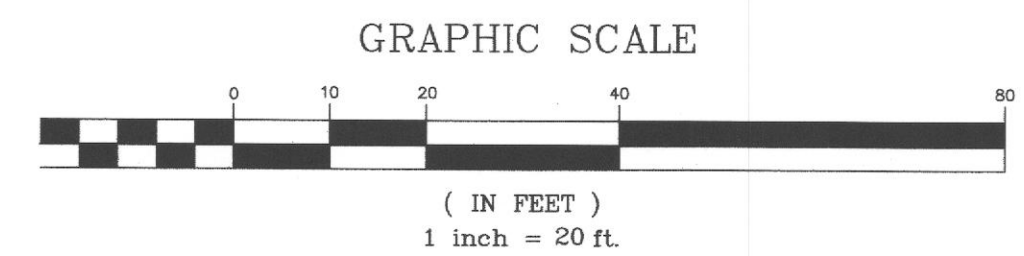


**LEGEND**

-  DRAINAGE AREA DIVIDE
-  TIME OF CONCENTRATION (TC)
-  STUDY POINT
-  PROPOSED IMPERVIOUS SURFACE

	SP-1
Drainage Area (AC)	Existing 0.64
Runoff Curve Number (RCN)	98
Time of Conc. (Tc) (HR)	0.1
Q1-year (CFS)	2.39
Q2-year (CFS)	2.99
Q10-year (CFS)	4.91



**ESD # 7121**

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. 21718 , Expiration Date: 2017-09-16

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REV	DESCRIPTION	DATE
4	SWM-ES	05/20/2017
3	SWM-ES	09/29/2016
2	SWM-ES	08/15/2016
1	BID-SET	02/5/2016

REVISION HISTORY



Date: 02/5/2016  
Project # 1501.01  
**EXISTING DRAINAGE AREA MAP**

SWM-1