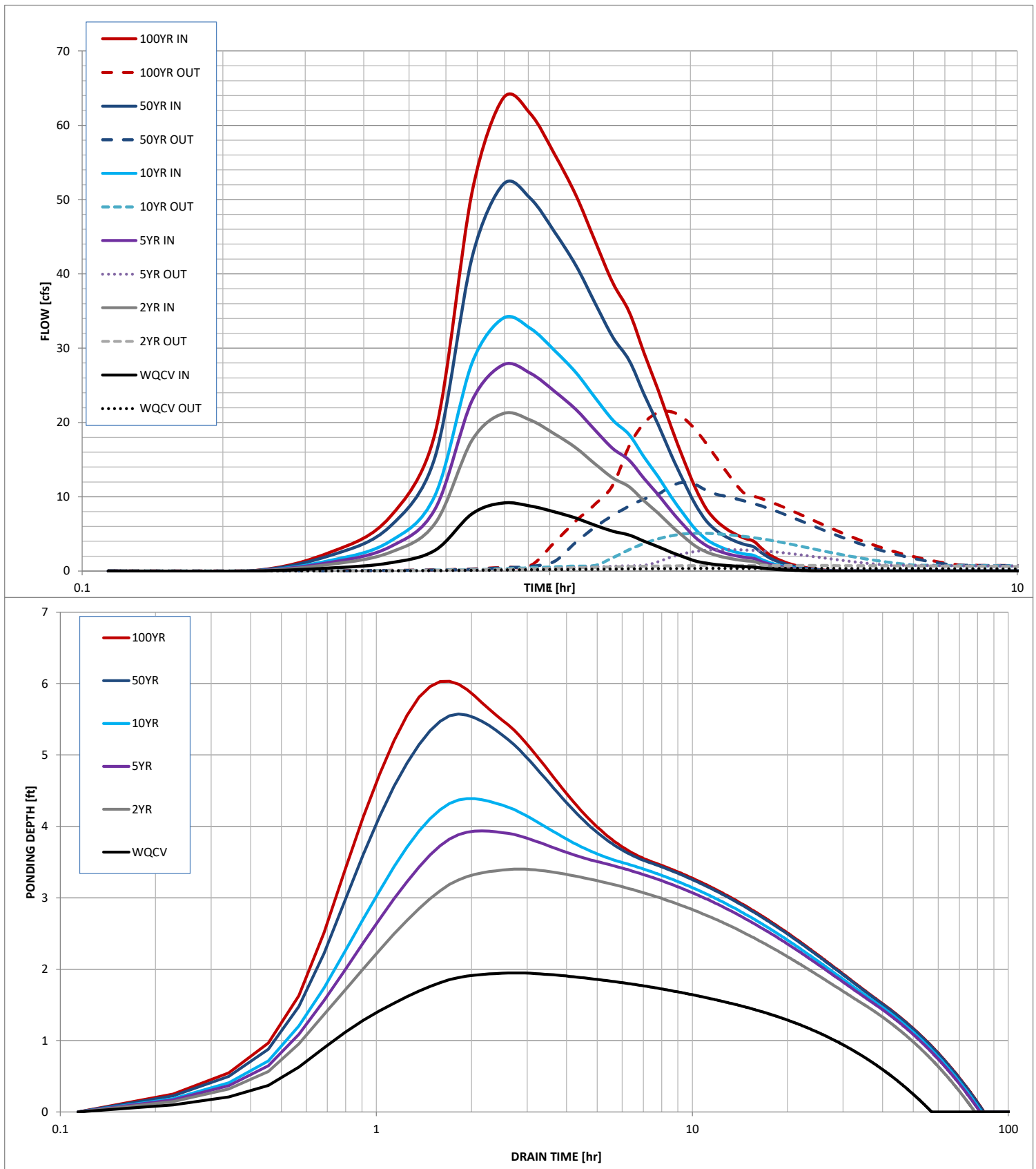


Stormwater Detention and Infiltration Design Data Sheet



Stormwater Detention and Infiltration Design Data Sheet

Worksheet Protected

Watershed Slope =	0.015
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Watershed Length =	900	ft
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Watershed Area = 7.90 ac

and Imperviousness = 19.0% per

Age Hydrologic Soil Group A =	100.0%	pe
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Percentage Hydrologic Soil Group B = per

Percentage Hydrologic Soil Groups C/D = %

Location for 1-hr Rainfall Depths (use dropdown):

User Input

[illegible]

<https://maperture.digitaldataservices.com/gvh/?viewer=cswdif>

attach the pdf of this worksheet to that record.

WOCV	2 Year	5 Year	10 Year	50 Year	100 Year
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Design Storm Return Period =	WQCV	2 Year	5 Year	10 Year	50 Year	100 Year	
One-Hour Rainfall Depth =	0.60	1.19	1.50	1.75	2.25	2.52	in
Calculated Runoff Volume =	0.073	0.087	0.117	0.151	0.319	0.490	acre-ft
OPTIONAL Override Runoff Volume =							acre-ft
Inflow Hydrograph Volume =	0.073	0.086	0.117	0.151	0.319	0.489	acre-ft
Time to Drain 97% of Inflow Volume =	37.4	40.3	40.1	39.3	35.5	32.3	hours
Time to Drain 99% of Inflow Volume =	40.7	43.8	44.2	44.0	42.3	40.7	hours
Maximum Ponding Depth =	0.93	1.01	1.13	1.26	1.81	2.33	ft
Maximum Ponded Area =	0.14	0.15	0.16	0.16	0.18	0.20	acres
Maximum Volume Stored =	0.067	0.079	0.097	0.117	0.212	0.310	acre-ft

Stormwater Detention and Infiltration Design Data Sheet

