

**DEVELOPED DRAINAGE BASIN CALCULATIONS**

Basin No.:	1	Total Area =	45,557 S.F.		
			1.05 Acres	<b>C</b>	<b>N</b>
<b>Surface</b>					
Structures	=	7,780 S.F.	=	0.18 Ac.	0.92 0.02
Pavement	=	10,799 S.F.	=	0.25 Ac.	0.92 0.02
Drives	=	0 S.F.	=	0.00 Ac.	0.92 0.02
Patios	=	0 S.F.	=	0.00 Ac.	0.92 0.02
Sidewalks	=	141 S.F.	=	0.00 Ac.	0.92 0.02
Lawn (0-2%)	=	0 S.F.	=	0.00 Ac.	0.15 0.40
Lawn (2-5%)	=	25,737 S.F.	=	0.59 Ac.	0.25 0.40
Lawn (5-10%)	=	0 S.F.	=	0.00 Ac.	0.40 0.40
Lawn (>10%)	=	1,100 S.F.	=	0.03 Ac.	0.55 0.40
Water	=	0 S.F.	=	0.00 Ac.	1.00 0.00
Misc.	=	0 S.F.	=	0.00 Ac.	0.92 0.02

Weighted c =	0.533
Weighted N =	0.244
<b>Sheet Flow</b>	
L =	0 Ft.
H =	0.0 Ft.
S =	#DIV/0! Ft./Ft.
t1 =	#DIV/0! Minutes
<b>Shallow Concentrated Flow</b>	
L =	0 Ft.
H =	0.0 Ft.
S =	#DIV/0! Ft./Ft.
v =	2.90 Ft./sec.
t2 =	0.00 Minutes
tc =	#DIV/0! Minutes
I(10) =	In./Hr.
I(25) =	#DIV/0! In./Hr.
I(50) =	In./Hr.
I(100) =	#DIV/0! In./Hr.
Q(10) =	0.00 CFS
Q(25) =	#DIV/0! CFS
Q(50) =	0.00 CFS
Q(100) =	#DIV/0! CFS

(Min. 5 minutes)

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10-14-20  
EA