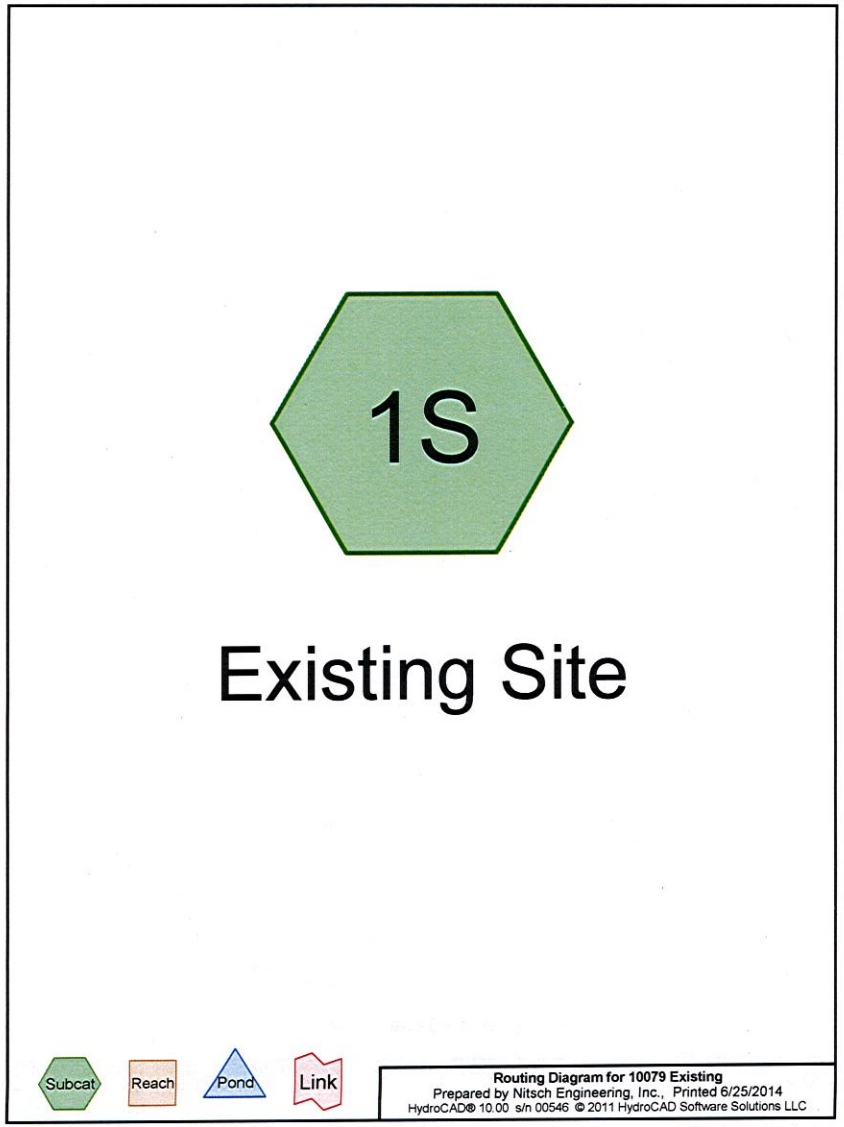


Area Listing (all nodes)

Area (acres)	CN	Description (subcatchment-numbers)
0.507	30	Woods, Good, HSG A (1S)
0.429	98	Building and Parking Lot, HSG A (1S)
0.935	**61**	**TOTAL AREA**

Soil Listing (all nodes)

Area (acres)	Soil Group	Subcatchment Numbers
0.935	HSG A	1S
0.000	HSG B	
0.000	HSG C	
0.000	HSG D	
0.000	Other	
0.935		**TOTAL AREA**

Ground Covers (all nodes)

HSG-A (acres)	HSG-B (acres)	HSG-C (acres)	HSG-D (acres)	Other (acres)	Total (acres)	Ground Cover	Subcatchment Numbers
0.429	0.000	0.000	0.000	0.000	0.429	Building and Parking Lot	1S
0.507	0.000	0.000	0.000	0.000	0.507	Woods, Good	1S
0.935	**0.000**	**0.000**	**0.000**	**0.000**	**0.935**	**TOTAL AREA**	

Time span=0.00-24.00 hrs, dt=0.04 hrs, 601 points
Runoff by SCS TR-20 method, UH=SCS
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment 1S: Existing Site Runoff Area=40,741 sf 45.83% Impervious Runoff Depth>0.40"
Tc=5.0 min CN=61 Runoff=0.27 cfs 0.031 af

Total Runoff Area = 0.935 ac Runoff Volume = 0.031 af Average Runoff Depth = 0.40"
54.17% Pervious = 0.507 ac 45.83% Impervious = 0.429 ac

Summary for Subcatchment 1S: Existing Site

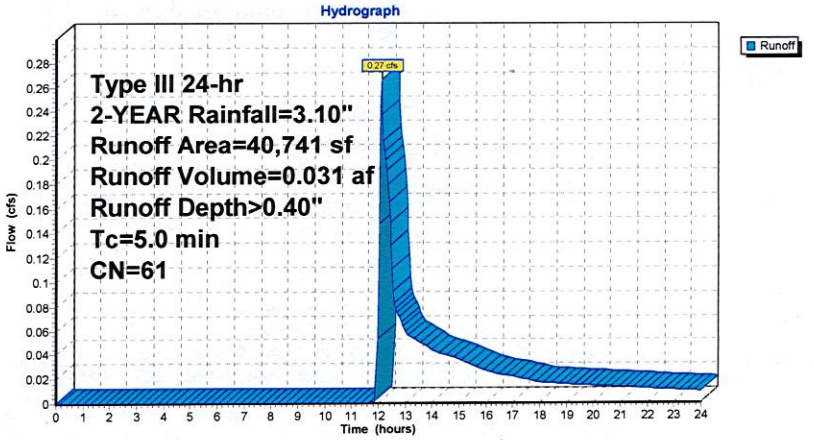
Runoff = 0.27 cfs @ 12.12 hrs, Volume= 0.031 af, Depth> 0.40"

Runoff by SCS TR-20 method, UH=SCS, Time Span= 0.00-24.00 hrs, dt= 0.04 hrs
Type III 24-hr 2-YEAR Rainfall=3.10"

	Area (sf)	CN	Description
*	18,670	98	Building and Parking Lot, HSG A
	22,071	30	Woods, Good, HSG A
	40,741	61	Weighted Average
	22,071		54.17% Pervious Area
	18,670		45.83% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry, Direct Entry**

Subcatchment 1S: Existing Site



Time span=0.00-24.00 hrs, dt=0.04 hrs, 601 points
Runoff by SCS TR-20 method, UH=SCS
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment 1S: Existing Site Runoff Area=40,741 sf 45.83% Impervious Runoff Depth>1.08"
Tc=5.0 min CN=61 Runoff=1.06 cfs 0.084 af

Total Runoff Area = 0.935 ac Runoff Volume = 0.084 af Average Runoff Depth = 1.08"
54.17% Pervious = 0.507 ac 45.83% Impervious = 0.429 ac

Summary for Subcatchment 1S: Existing Site

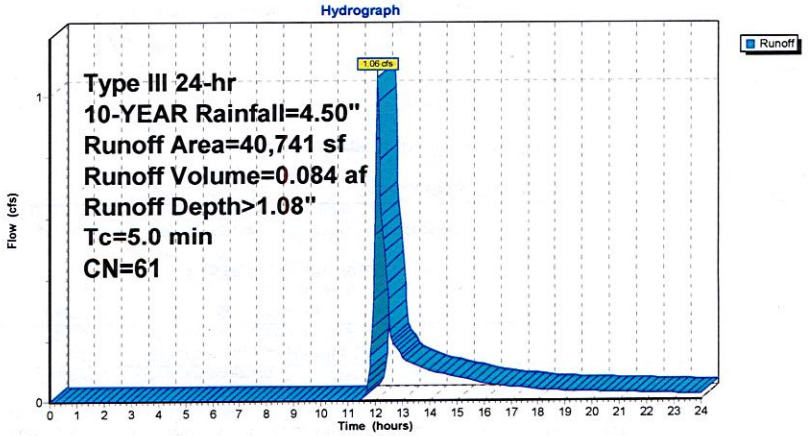
Runoff = 1.06 cfs @ 12.09 hrs, Volume= 0.084 af, Depth> 1.08"

Runoff by SCS TR-20 method, UH=SCS, Time Span= 0.00-24.00 hrs, dt= 0.04 hrs
Type III 24-hr 10-YEAR Rainfall=4.50"

	Area (sf)	CN	Description
*	18,670	98	Building and Parking Lot, HSG A
	22,071	30	Woods, Good, HSG A
	40,741	61	Weighted Average
	22,071		54.17% Pervious Area
	18,670		45.83% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry, Direct Entry**

Subcatchment 1S: Existing Site



Time span=0.00-24.00 hrs, dt=0.04 hrs, 601 points
Runoff by SCS TR-20 method, UH=SCS
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment 1S: Existing Site Runoff Area=40,741 sf 45.83% Impervious Runoff Depth>1.55"
Tc=5.0 min CN=61 Runoff=1.62 cfs 0.121 af

Total Runoff Area = 0.935 ac Runoff Volume = 0.121 af Average Runoff Depth = 1.55"
54.17% Pervious = 0.507 ac 45.83% Impervious = 0.429 ac

Summary for Subcatchment 1S: Existing Site

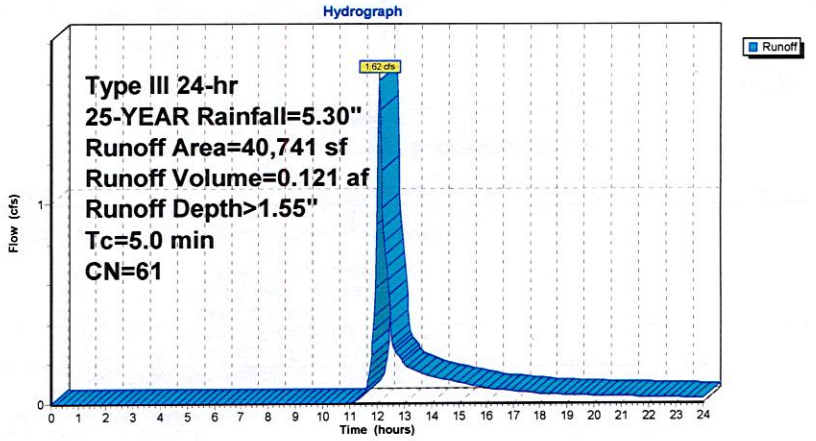
Runoff = 1.62 cfs @ 12.09 hrs, Volume= 0.121 af, Depth> 1.55"

Runoff by SCS TR-20 method, UH=SCS, Time Span= 0.00-24.00 hrs, dt= 0.04 hrs
Type III 24-hr 25-YEAR Rainfall=5.30"

	Area (sf)	CN	Description
*	18,670	98	Building and Parking Lot, HSG A
	22,071	30	Woods, Good, HSG A
	40,741	61	Weighted Average
	22,071		54.17% Pervious Area
	18,670		45.83% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry, Direct Entry**

Subcatchment 1S: Existing Site



Time span=0.00-24.00 hrs, dt=0.04 hrs, 601 points
Runoff by SCS TR-20 method, UH=SCS
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment 1S: Existing Site Runoff Area=40,741 sf 45.83% Impervious Runoff Depth>2.34"
Tc=5.0 min CN=61 Runoff=2.55 cfs 0.183 af

Total Runoff Area = 0.935 ac Runoff Volume = 0.183 af Average Runoff Depth = 2.34"
54.17% Pervious = 0.507 ac 45.83% Impervious = 0.429 ac

Summary for Subcatchment 1S: Existing Site

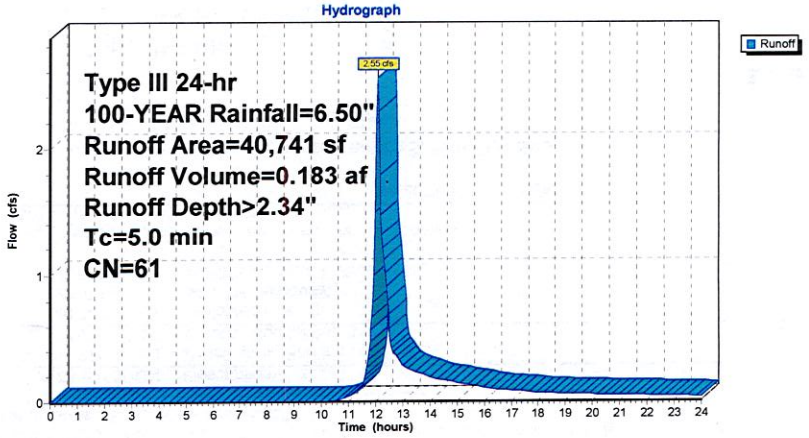
Runoff = 2.55 cfs @ 12.08 hrs, Volume= 0.183 af, Depth> 2.34"

Runoff by SCS TR-20 method, UH=SCS, Time Span= 0.00-24.00 hrs, dt= 0.04 hrs
Type III 24-hr 100-YEAR Rainfall=6.50"

	Area (sf)	CN	Description
*	18,670	98	Building and Parking Lot, HSG A
	22,071	30	Woods, Good, HSG A
	40,741	61	Weighted Average
	22,071		54.17% Pervious Area
	18,670		45.83% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry, Direct Entry**

Subcatchment 1S: Existing Site



Time span=0.00-24.00 hrs, dt=0.04 hrs, 601 points
Runoff by SCS TR-20 method, UH=SCS
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment 1S: Existing Site Runoff Area=40,741 sf 45.83% Impervious Runoff Depth=0.00"
Tc=5.0 min CN=61 Runoff=0.00 cfs 0.000 af

Total Runoff Area = 0.935 ac Runoff Volume = 0.000 af Average Runoff Depth = 0.00"
54.17% Pervious = 0.507 ac 45.83% Impervious = 0.429 ac

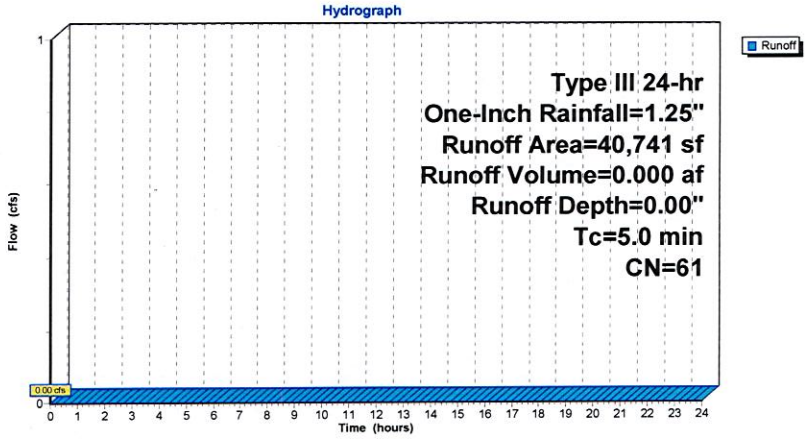
Summary for Subcatchment 1S: Existing Site

[45] Hint: Runoff=Zero

Runoff = 0.00 cfs @ 0.00 hrs, Volume= 0.000 af, Depth= 0.00"

Runoff by SCS TR-20 method, UH=SCS, Time Span= 0.00-24.00 hrs, dt= 0.04 hrs
Type III 24-hr One-Inch Rainfall=1.25"

	Area (sf)	CN	Description
*	18,670	98	Building and Parking Lot, HSG A
	22,071	30	Woods, Good, HSG A
	40,741	61	Weighted Average
	22,071		54.17% Pervious Area
	18,670		45.83% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					**Direct Entry, Direct Entry**

Subcatchment 1S: Existing Site