



GREEN ROOF



Routing Diagram for LUMINATO GREEN ROOF 7 22 TSG
Prepared by Hewlett-Packard Company, Printed 7/22/2016
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LUMINATO GREEN ROOF 7 22 TSG

Type III 24-hr 1 YEAR Rainfall=2.60"

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Page 2

Time span=5.00-20.00 hrs, dt=0.05 hrs, 301 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment 1S: GREEN ROOF

Runoff Area=10,270 sf 50.00% Impervious Runoff Depth>1.30"
Tc=5.0 min CN=87 Runoff=0.39 cfs 0.026 af

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Page 3

Summary for Subcatchment 1S: GREEN ROOF

Runoff = 0.39 cfs @ 12.08 hrs, Volume= 0.026 af, Depth> 1.30"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Type III 24-hr 1 YEAR Rainfall=2.60"

	Area (sf)	CN	Description
*	5,135	75	LANDSCAPED AND GREEN ROOF
*	5,135	98	IMPERVIOUS SITE
	10,270	87	Weighted Average
	5,135		50.00% Pervious Area
	5,135		50.00% Impervious Area

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

Subcatchment 1S: GREEN ROOF

