

Drawing Name: O:\2014\2014231 Inresa\01 Midwest Inresa\dwg\Site CDs\201423101 CDs.dwg
 February 24, 2017 12:56 PM - kbukowski

O:\2014\2014231 Inresa\01 Midwest Inresa\dwg\Site CDs\201423101 CDs.dwg, 2/24/2017 12:56:25 PM, 1:1

IMPERVIOUS AREA
 A=1.88
 CN=98

PERVIOUS PVMT AREA
 A=0.00AC NONPREFORM
 CN=69

PERVIOUS AREA
 A=0.47AC
 CN=69

GRAVEL AREA
 A=0.11AC
 CN=91

TOTAL AREA
 A=2.46AC
 CN=92

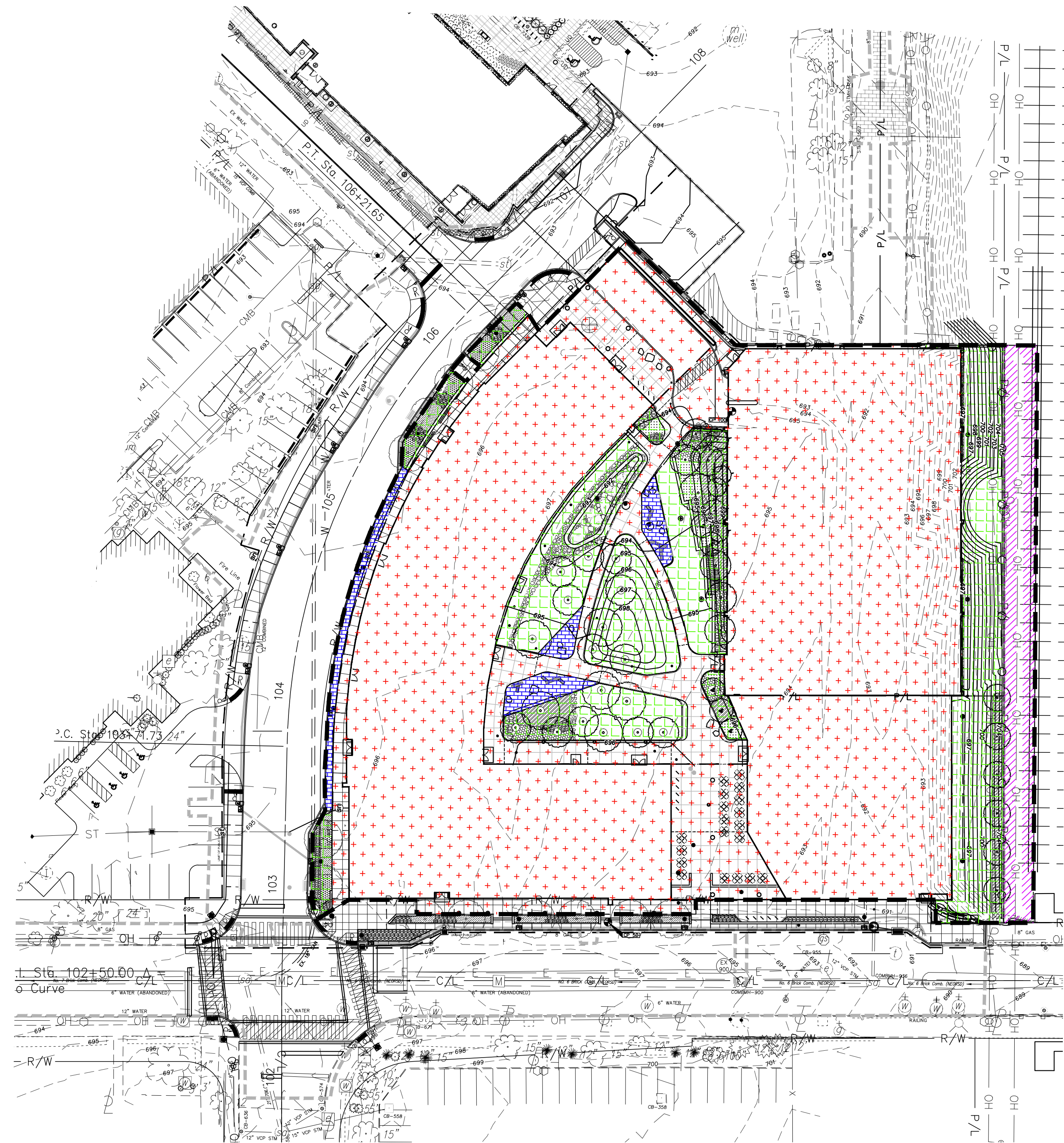
WITHIN PUBLIC ROADWAY AREA

AREA TO STREET,
 PLANTERS
 A=0.12
 CN=86

AREA TO BIORET.
 A=0.37AC
 CN=77

AREA TO EXISTING
 ADJACENT SYSTEM
 A=0.03AC
 CN=98

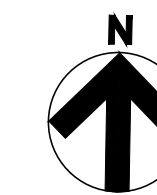
AREA TO DET.
 A=2.31AC
 CN=92



POST-IMPERVIOUS AND PERVIOUS AREAS



POST-BMP DETENTION AREAS



REV.	DATE	DESCRIPTION
08.08.16		AGENCY COMMENTS
08.11.16		ADDENDUM #1
08.17.16		CITY COMMENT
09.07.16		CLIENT REVISIONS
9.21.16		AGENCY COMMENTS
11.18.16		CITY COMMENTS
12.02.16		GARAGE AND ROADWAY UPDATES
12.08.16		TITLE SHEET UPDATE
2.21.17	2.17.17	GARAGE DRIVE UPDATE & COORDINATION

CENTRIC
 UNIVERSITY CIRCLE
 CLEVELAND, OHIO

DRAINAGE MAP
PROPOSED CONDITIONS

ISSUED FOR:	
PERMIT	-
BID	-
CONSTRUCTION	-
RECORD	-
PROJECT MANAGER	DESIGNER
KB	LAH

JOB NO.
2014231.01

DR-2

National Stormwater Calculator Report

Site Description

Centric

Parameter	Current Scenario	Baseline Scenario
Site Area (acres)	2.5	
Hydrologic Soil Group	C	
Hydraulic Conductivity (in/hr)	.05	
Surface Slope (%)	2	
Precip. Data Source	CLEVELAND WSFO AP	
Evap. Data Source	CLEVELAND WSFO AP	
Climate Change Scenario	None	
% Forest	0	
% Meadow	0	
% Lawn	20	
% Desert	0	
% Impervious	80	
Years Analyzed	10	
Ignore Consecutive Wet Days	False	
Wet Day Threshold (inches)	0.10	

LID Control	Current Scenario	Baseline Scenario
Disconnection	0	
Rain Harvesting	0	
Rain Gardens	7 / 5	
Green Roofs	0	
Street Planters	1 / 6	
Infiltration Basins	0	
Porous Pavement	0	

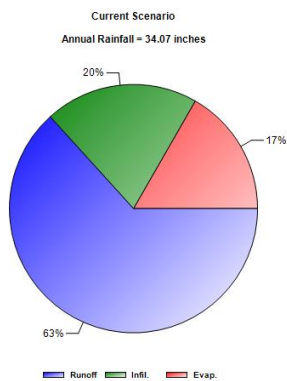
% of impervious area treated / % of treated area used for LID

National Stormwater Calculator Report

Summary Results

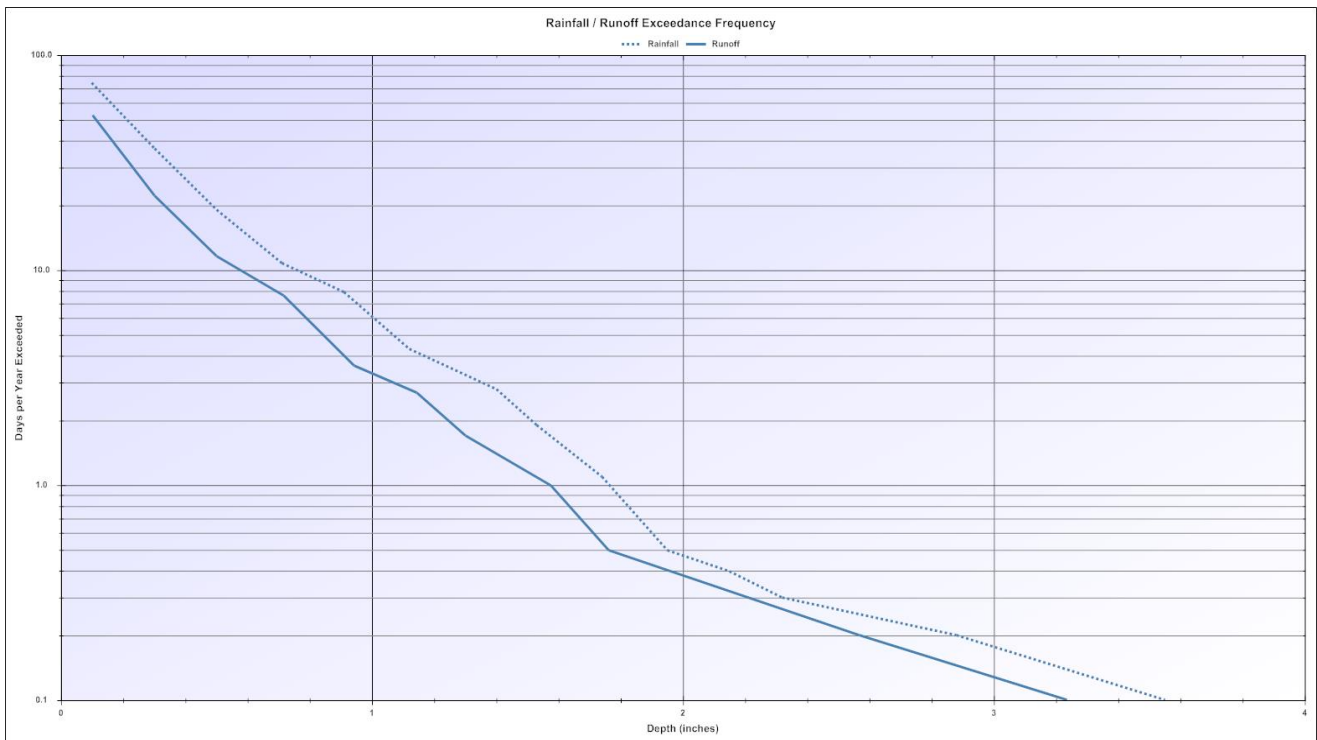
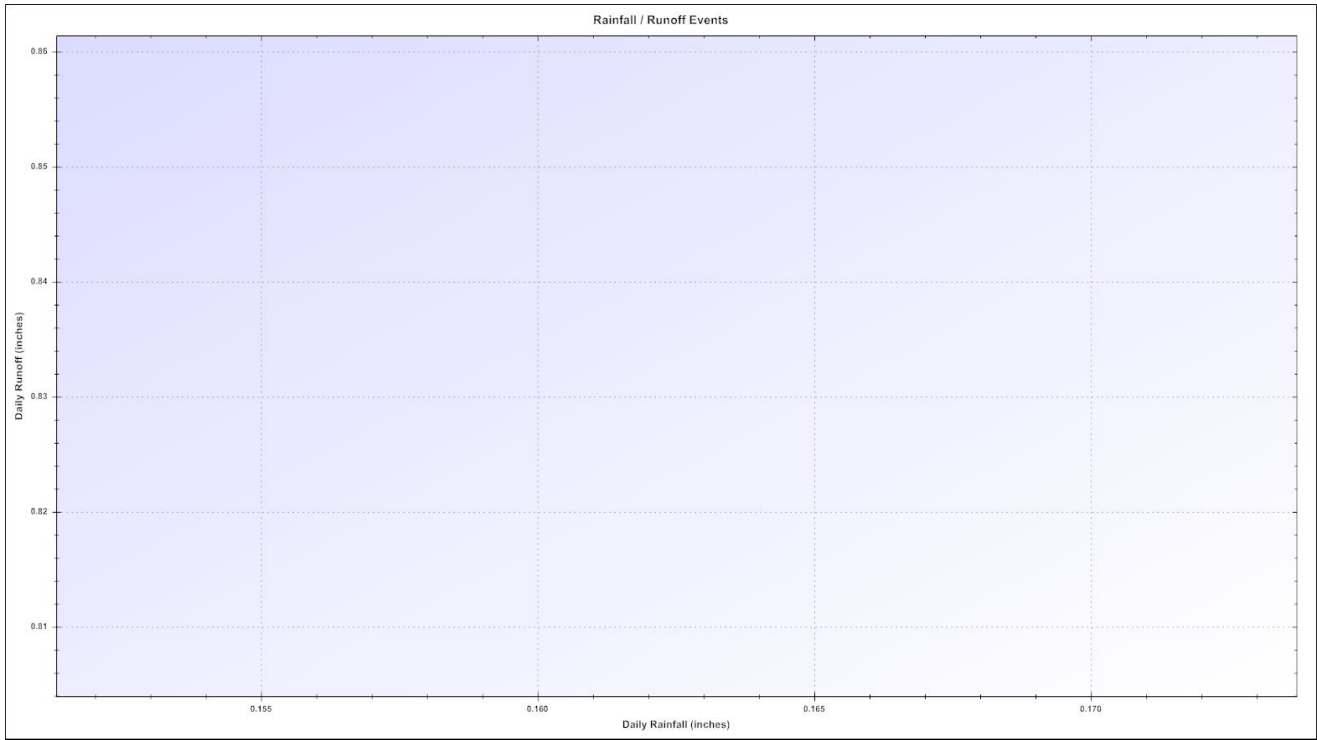
Centric

Statistic	Current Scenario	Baseline Scenario
Average Annual Rainfall (inches)	34.07	
Average Annual Runoff (inches)	21.63	
Days per Year With Rainfall	74.36	
Days per Year with Runoff	52.77	
Percent of Wet Days Retained	29.03	
Smallest Rainfall w/ Runoff (inches)	0.15	
Largest Rainfall w/o Runoff (inches)	0.24	
Max. Rainfall Retained (inches)	0.50	



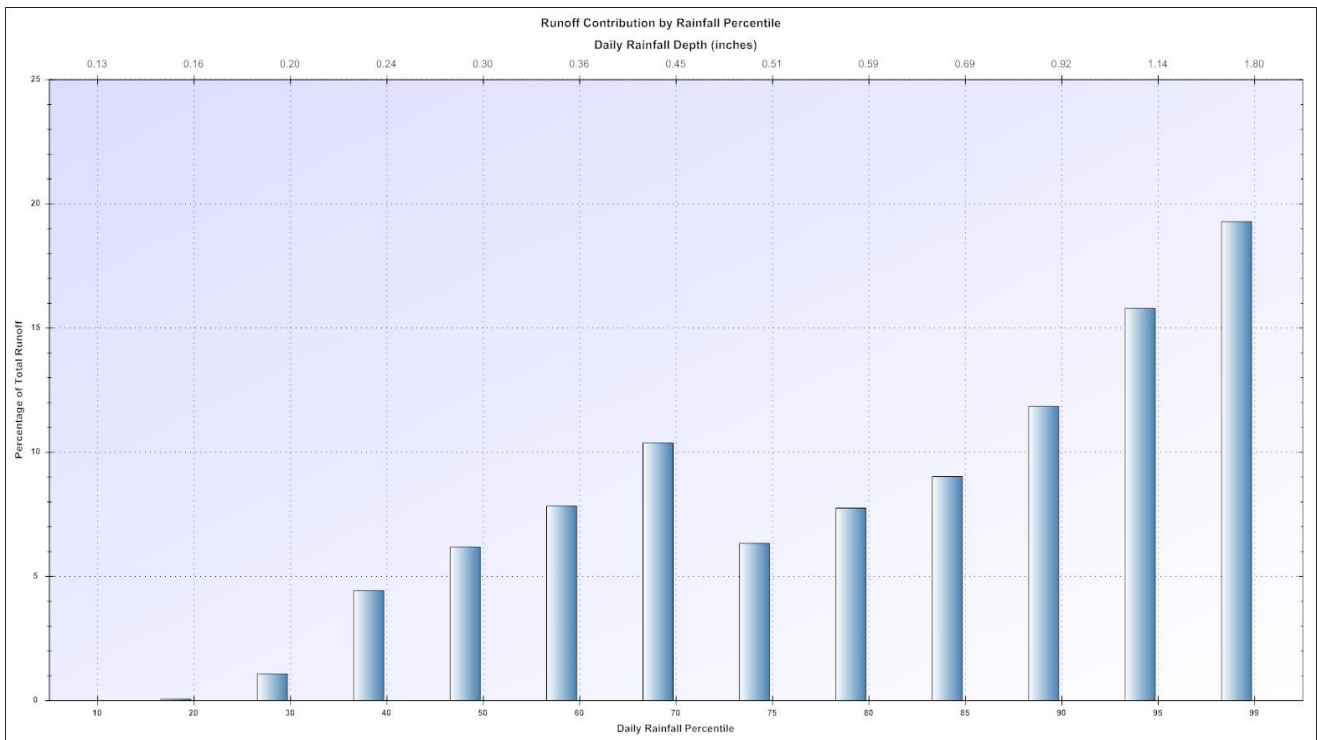
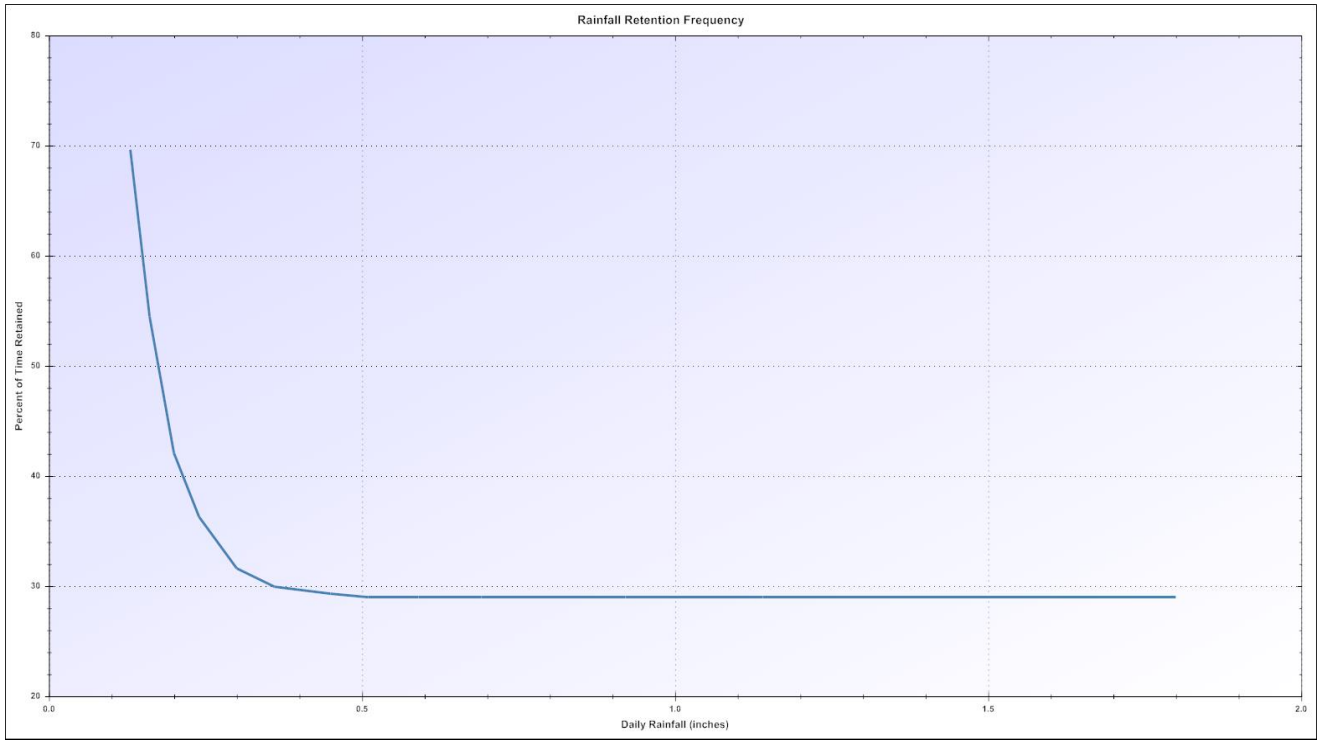
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