

MEMORANDUM

TO: File
FROM: Sean Savage
SUBJECT: Sunset Ave (DA-2) Memo

DATE: August 24, 2023
PROJECT NO.: 19-720
PROJECT NAME: Spectrum 360

Drainage Area to Basin A and B to Sunset-Bloomfield Ave (DA-2)**Existing Conditions**

Table 2: Pre-development Runoff Summary and Allowable Flow Rate to Sunset-Bloomfield Ave (DA-2)

Storm Event (yr)	Pre-Development Peak Flow Rate (cfs)	Peak Reduction Factor	Allowable Discharge Rate (cfs)
2	8.38	50%	4.19
10	13.86	75%	10.39
100	25.01	80%	20.00

Proposed Conditions

From August 8, 2023 Signed Stormwater Management Report

Table 6: Pre-Development and Post-Development Peak Flow Rate Summary to Basin A and B to Sunset-Bloomfield Ave (DA-2)

Storm Event (yr)	Basin A Inflow (cfs)	Basin B Inflow (cfs)	Total Allowable Discharge Rate (cfs)	Basin A Outflow (cfs)	Basin B Outflow (cfs)	Total Post-Development Flow Rate (cfs)
2	7.57	3.18	4.19	2.19	1.73	3.79
10	11.70	5.15	10.39	4.80	4.63	9.25
100	19.87	9.11	20.00	6.92	8.77	15.16

From August 23, 2023 **Draft** Stormwater Management Report

Table 6: Pre-Development and Post-Development Peak Flow Rate Summary to Basin A and B to Sunset-Bloomfield Ave (DA-2)

Storm Event (yr)	Basin A Inflow (cfs)	Basin B Inflow (cfs)	Total Allowable Discharge Rate (cfs)	Basin A Outflow (cfs)	Basin B Outflow (cfs)	Total Post-Development Flow Rate (cfs)
2	7.51	3.18	4.19	2.15	1.73	3.78
10	11.77	5.15	10.39	4.80	4.63	9.23
100	22.11	9.11	20.00	7.16	8.77	15.30

