



DRAINAGE LEGEND	
ND1	DRAINAGE BASIN LABEL
●	CONCENTRATION POINT
○	COMBINATION POINT
—	ONSITE BASIN BOUNDARY
- - - - -	OFFSITE BASIN BOUNDARY
$\frac{2/3}{4}$	Q10/Q25 FLOW IN CFS (10 YR./25 YR.) Q100 FLOW IN CFS (100 YR.)
$\frac{1 (1.0)(1.2)}{1 (1.0)(1.2)}$	Q10 (V10)(D10) Q100 (V100)(D100)
→	BASIN FLOW DIRECTION
①	HYDRAULIC CROSS-SECTION

Peak Flow Summary				
Developed Condition				
HEC-1 ID	Area (acres)	10-year Flow (cfs)	25-year Flow (cfs)	100-year Flow (cfs)
FX1	4.37	9	12	16
FX2	0.42	1	1	2
ND1	0.99	2	2	3
ND2	0.47	1	1	2
CPD1	-	3	5	7
FX3	0.71	1	2	3
*REF	-	29	-	566
SAH	1.43	3	4	5
ND3	0.18	<1	<1	1
CPD2	-	37	-	581

(FX2+ND1+ND2)
(CPD1+FX3+*REF+SAH+ND3)

*CLV Central Neighborhood MPU

Street Flow Summary (Developed Condition)							
10-year, 6-hour Storm							
Street	1/2 Right of Way Width (ft)	Hydraulic Cross-Section Identifier	10-Year Flow [Q10] (cfs)	10-Year Velocity [v] (fps)	10-Year Flow Depth [d] (ft)	10-Year Velocity x Depth [v x d]	Dry Lane Width (within 1/2 ROW) (ft)
Sahara Avenue	75	1	37	3.54	0.63	2.23	33.03

Street Flow Summary (Developed Condition)							
100-year, 6-hour Storm							
Street	1/2 Right of Way Width (ft)	Hydraulic Cross-Section Identifier	100-Year Flow [Q100] (cfs)	100-Year Velocity [v] (fps)	100-Year Flow Depth [d] (ft)	100-Year Velocity x Depth [v x d]	
Sahara Avenue	75	1	578	7.57	1.40	10.60	

*CLV CENTRAL NEIGHBORHOOD MPU

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 DEVELOPED DRAINAGE MAP
 APN 162-01-401-004
 SAHARA AVENUE / EASTERN AVENUE
 DATE: 7/21/22
 DRAWN BY: RDC
 CHECKED BY:
 JOB NO. 220840
DR2
 SHEET
 OF 2 SHEETS