



DRAINAGE LEGEND	
<b>ND1</b>	DRAINAGE BASIN LABEL
●	CONCENTRATION POINT
○	COMBINATION POINT
—	ONSITE BASIN BOUNDARY
---	OFFSITE BASIN BOUNDARY
$\frac{1}{2}$ 3	Q10/Q25 FLOW IN CFS (10 YR./25 YR.) Q100 FLOW IN CFS (100 YR.)
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  
Existing 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	
NX1	1.41	<1	1	2	
CPX1	-	1	2	3	(FX2+NX1)
FX3	0.71	1	2	3	
*REF	-	29		566	
SAH	1.43	3	4	5	
NX2	0.33	<1	<1	<1	
CPX2	-	35		578	(CPX1+FX3+*REF+SAH+NX2)

\*CLV Central Neighborhood MPU

Street Flow Summary  
(Existing 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	35	3.56	0.55	1.96	27.00

Street Flow Summary  
(Existing 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	7.64	1.31	10.01	

\*CLV CENTRAL NEIGHBORHOOD MPU

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REV	DATE

EXISTING DRAINAGE MAP  
APN 162-01-401-004  
SAHARA AVENUE / EASTERN AVENUE

DATE: 7/21/22  
DRAWN BY: RDC  
CHECKED BY:  
JOB NO. 220840  
**DR1**  
SHEET  
OF 2 SHEETS