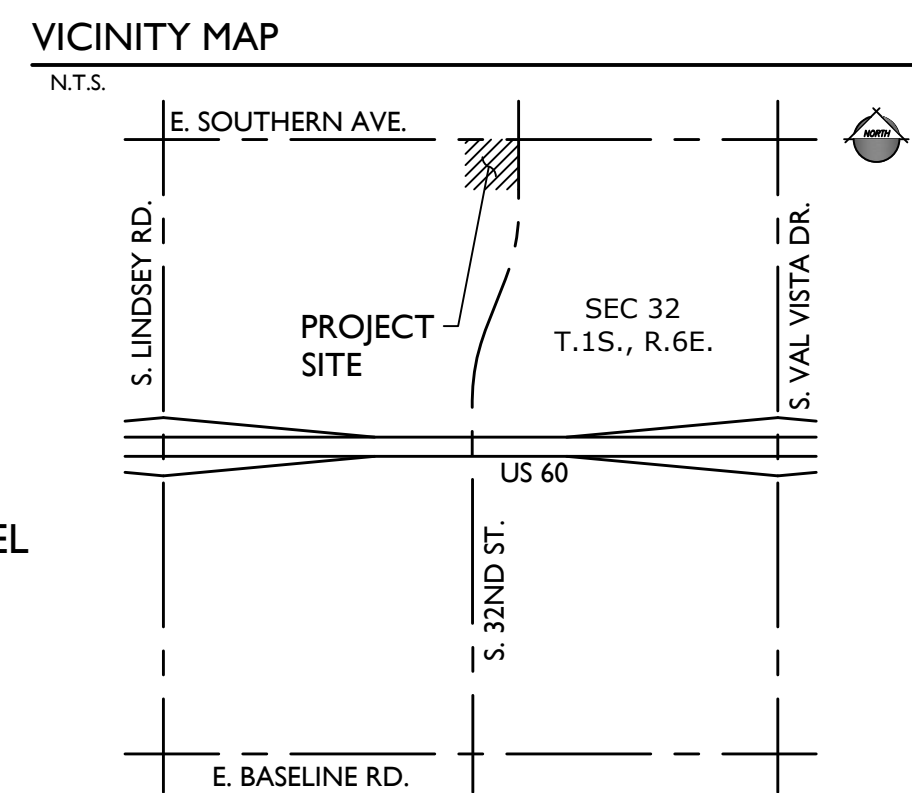
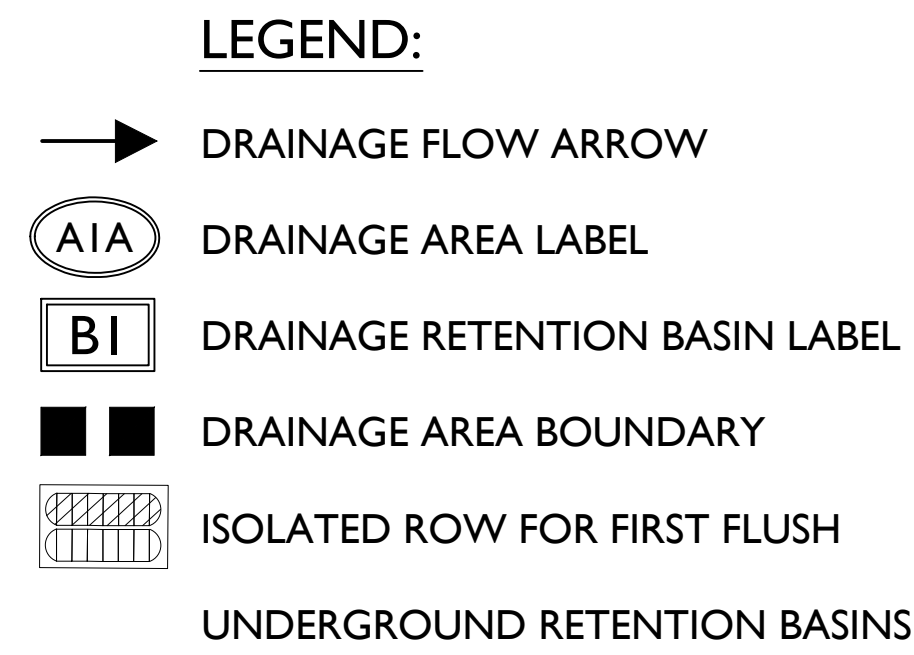




Project:	Southern and 32nd	
Storm Event:	100-yr 2-hr	
Prepared by:	Cassie Wehr	Date: 8/27/2021

$V = C \cdot A \cdot P / 12$ ⁽¹⁾
Where:
V = Runoff Volume
C = Runoff Coefficient
A = Drainage Area
P = 2.20 in

Basin ID	Elevation	Area (ft ²)	Incremental Volume (ft ³)	Volume Provided, V _p (ft ³)
B1	0	402		
	1	758	580	
	2	1,214	986	986

Basin ID	Sub-Basin ID	Sub Basin Area Description	Contributing Area (in ²)	C =	Volume Required, V _r (in ³)	Volume Provided, V _p (in ³)	Estimated Water Depth (ft)
B1	A1A	Onsite	15,118	0.82	2,273	986	
UG1	A1B	Southern	12,321	0.95	2,146	3,461	
		Total	27,439	0.88	4,419	4,447	2.98
UG2	A2	Onsite	90,255	0.82	13,568	13,641	
		Total	90,255	0.82	13,568	13,641	4.97

Project:	Southern and 32nd	
Storm Event:	100-yr, 2-hr	
Prepared By:	Cassie Wehr	Date: 8/27/2021

[illegible]

I. THIS PLAN IS PRELIMINARY, FINAL STORM DRAIN ROUTING TO BE DETERMINED WITH FUTURE PLANS.