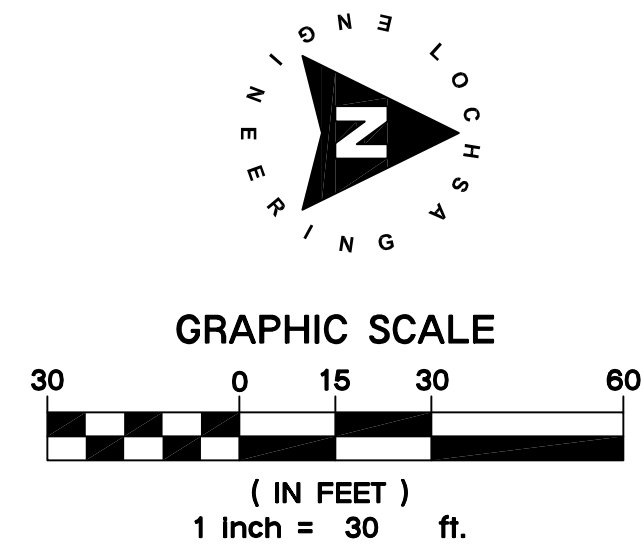




DRAINAGE LEGEND	
ND1	DRAINAGE BASIN LABEL
CD1	CONCENTRATION POINT
ON SITE BASIN BOUNDARY	ON SITE BASIN BOUNDARY
2	REFERENCED BASIN BOUNDARY
3	Q10 FLOW IN CFS (10 YR.)
2	Q100 FLOW IN CFS (100 YR.)
3	Q10 STORM DRAIN FLOW
3	Q100 STORM DRAIN FLOW
1 (1.0)(1.2)	Q10 (V10)(D10)
1 (1.0)(1.2)	Q100 (V100)(D100)
	BASIN FLOW DIRECTION
	COMBINED FLOW DIRECTION
A	HYDRAULIC CROSS-SECTION

Street Flow Summary (Developed Condition)							
10-year, 6-hour Storm							
Street	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)
Rancho Drive (East Half)	130	A	1	1.38	0.29	0.40	49.78
Jones Boulevard(South Half)	110	B	4	2.50	0.38	0.95	30.24

Street Flow Summary (Developed Condition)							
100-year, 6-hour Storm							
Street	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]	
Rancho Drive (East Half)	130	A	2	1.60	0.35	0.56	
Jones Boulevard(South Half)	110	B	8	2.81	0.47	1.32	

Onsite Flow Summary (Developed Condition)				
100-year, 6-hour Storm				
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] (ft²/s)
1	2	1.26	0.21	0.26
2	1.5	1.03	0.28	0.29
3	3	1.80	0.39	0.70
Riprap Swale for ND1	2	1.57	0.45	0.71

Peak Flow Summary Developed Condition				
HEC-1 I.D.	Area (acres)	100-year Flow (cfs)	25-year Flow (cfs)	10-year Flow (cfs)
JON	0.78	1	2	3
ND1	0.75	1	2	2
ND2	0.81	1	2	3
CD1	-	4	6	8
RNCH	0.48	1	1	2
ND3	0.14	<1	<1	<1
CD2	-	1	1	2

