



VICINITY MAP  
NOT TO SCALE

- LEGEND**
- DP-2 x = DESIGN POINT (ALSO SUB-BASIN DESIGNATION)
  - BASIN BOUNDARY
  - MAJOR FLOW LINE (UNIMPROVED UNLESS OTHERWISE NOTED)
  - TIME OF CONCENTRATION PATH

"CITY PLAN REVIEW IS PROVIDED ONLY FOR GENERAL CONFORMANCE WITH CITY DESIGN CRITERIA. THE CITY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND/OR ELEVATIONS WHICH SHALL BE CONFIRMED AT THE JOB SITE. THE CITY THROUGH THE APPROVAL OF THIS DOCUMENT ASSUMES NO RESPONSIBILITY FOR COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT."

**EXISTING CONDITION PEAK DISCHARGE SUMMARY**

Design Point No.	Cumulative Area (Acres)	Rational C (10-Year)	Rational C (100-Year)	Time of Concentration (Min.)	Rational I (10-Year)	Rational I (100-Year)	Discharge CFS (10-Year)	Discharge CFS (100-Year)
10	36.60	0.10	0.15	25.5	3.0	4.5	11.0	24.7
20	54.93	0.15	0.22	33.5	2.6	3.9	21.4	47.1
30	4.04	0.25	0.35	10.2	4.6	7.0	4.6	9.9
40	19.48	0.25	0.35	28.0	2.8	4.3	13.6	29.3
50	30.84	0.25	0.35	33.2	2.6	3.9	29.0	42.1
60	12.47	0.25	0.35	29.9	2.7	4.1	8.4	17.9
70	54.48	0.25	0.35	37.2	2.4	3.6	32.7	68.6

No.	REVISION	By	Date
MASTER DEVELOPMENT DRAINAGE PLAN FOR WEST MONUMENT DRAIN BASIN AT PEREGRINE			
EXISTING CONDITION BASIN MAP			
DATE	DRAWN BY EC		
CHECK BY MH	SCALE 1" = 200'		
DATE	SH	of 1	JOB No. 40040.75
JR ENGINEERING, LTD.			
6455 N. UNION BLVD.		Suite 202	
COLORADO SPRINGS, CO. 80918		593-2593	