

TEJON BASIN FLOWS

BASIN	Q (CFS) 5 YEAR	Q (CFS) 100 YEAR	ΣQ (CFS) 5 YEAR	ΣQ (CFS) 100 YEAR
T - 1	3.0	5.9		
T - 2	18.1	35.4	23.3	40.4
T - 3	2.3	4.5		
T - 4	2.8	5.6		
T - 5	5.6	11.1		
T - 6	7.3	14.3		
T - 7	6.8	13.3	27.5	56.2
T - 8	2.1	4.1		
T - 9	1.3	2.6		
T - 10	2.9	5.8		
T - 11	4.6	9.1		
T - 12	5.7	11.3		
T - 13	6.6	13.1	35.3	77.0
T - 14	1.4	2.7		
T - 15	1.3	2.6		
T - 16	2.9	5.7		
T - 17	8.9	17.4		
T - 18	4.4	8.7		
T - 19	5.4	10.7	41.9	95.0
T - 20	2.9	5.7		
T - 21	2.8	5.6		
T - 22	10.7	21.2		
T - 23	6.9	13.6	47.2	109.9

NEVADA BASIN FLOWS

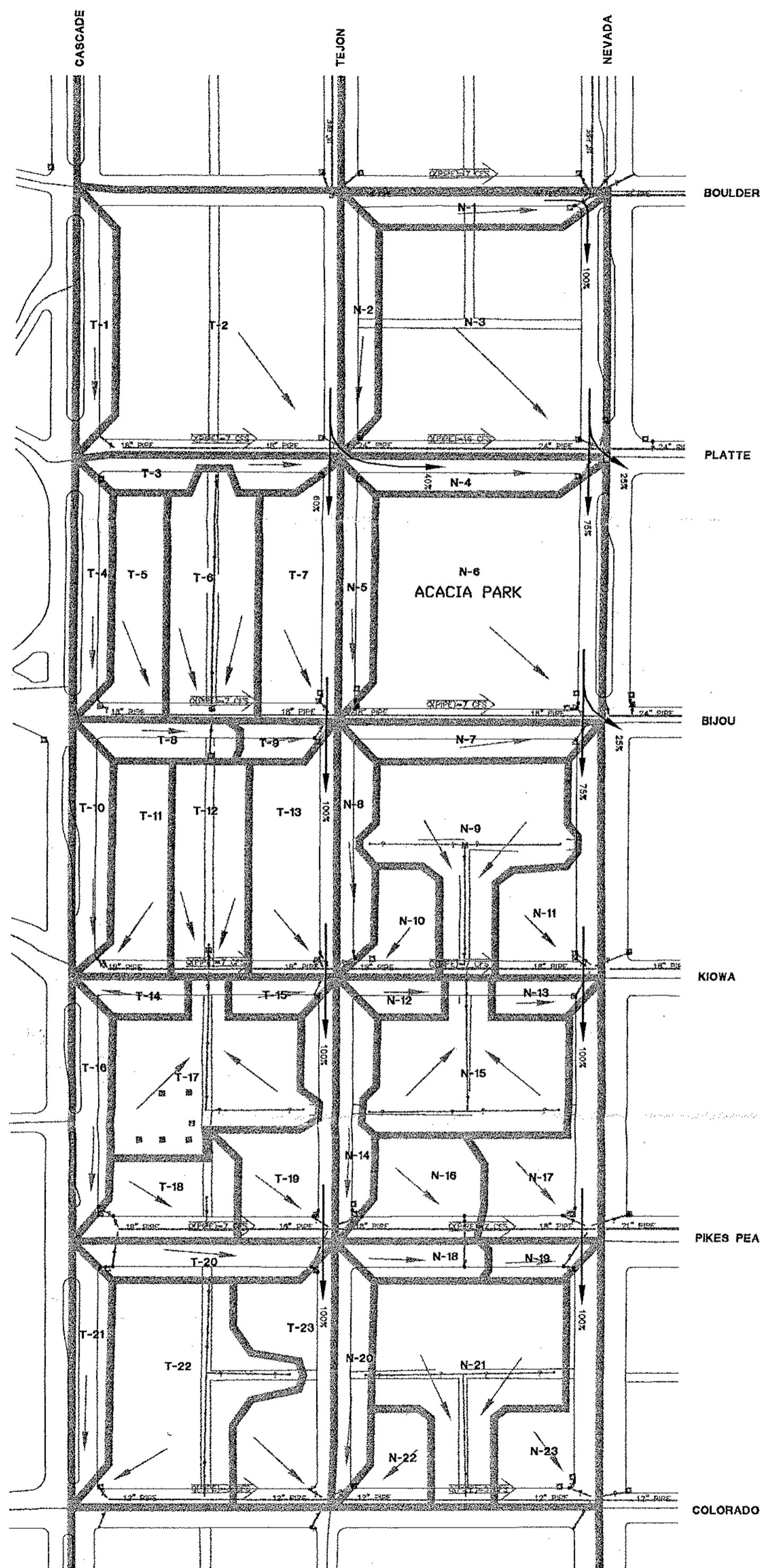
BASIN	Q (CFS) 5 YEAR	Q (CFS) 100 YEAR	ΣQ (CFS) 5 YEAR	ΣQ (CFS) 100 YEAR
N - 1	2.7	5.3		
N - 2	2.9	5.7		
N - 3	18.3	36.1	20.3	39.6
N - 4	2.8	5.5		
N - 5	2.7	5.4		
N - 6	18.3	36.2	32.7	70.0
N - 7	2.9	5.7		
N - 8	2.7	5.4		
N - 9	9.0	17.8		
N - 10	2.8	5.5		
N - 11	5.2	10.4	38.8	79.6
N - 12	1.3	2.6		
N - 13	1.3	2.6		
N - 14	2.9	5.7		
N - 15	8.5	16.8		
N - 16	4.3	8.5		
N - 17	6.0	11.8	51.6	103.9
N - 18	1.9	3.7		
N - 19	1.4	2.7		
N - 20	3.0	6.0		
N - 21	10.0	19.8		
N - 22	2.4	4.8		
N - 23	5.3	10.4	63.0	125.1

TEJON BASIN FLOWS

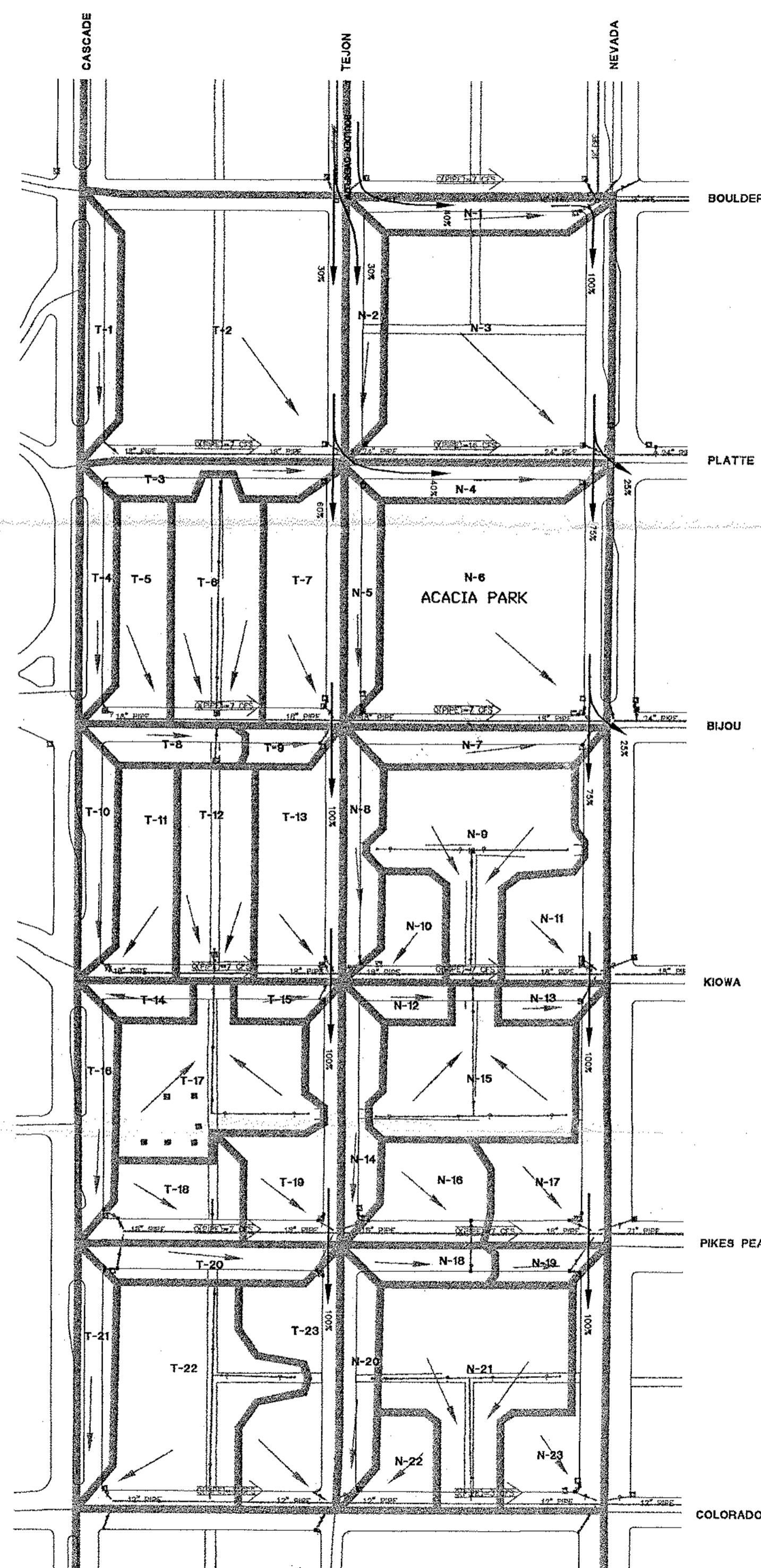
BASIN	Q (CFS) 5 YEAR	Q (CFS) 100 YEAR	ΣQ (CFS) 5 YEAR	ΣQ (CFS) 100 YEAR
B - 1	33.8	63.3	33.8	63.3
T - 1	3.0	5.9		
T - 2	18.1	35.4	27.8	52.1
T - 3	2.3	4.5		
T - 4	2.8	5.6		
T - 5	5.6	11.1		
T - 6	7.3	14.3		
T - 7	6.8	13.3	23.5	47.6
T - 8	2.1	4.1		
T - 9	1.3	2.6		
T - 10	2.9	5.8		
T - 11	4.6	9.1		
T - 12	5.7	11.3		
T - 13	6.6	13.1	26.0	57.9
T - 14	1.4	2.7		
T - 15	1.3	2.6		
T - 16	2.9	5.7		
T - 17	8.9	17.4		
T - 18	4.4	8.7		
T - 19	5.4	10.7	28.3	67.6
T - 20	2.9	5.7		
T - 21	2.8	5.6		
T - 22	10.7	21.2		
T - 23	6.9	13.6	30.1	76.3

NEVADA BASIN FLOWS

BASIN	Q (CFS) 5 YEAR	Q (CFS) 100 YEAR	ΣQ (CFS) 5 YEAR	ΣQ (CFS) 100 YEAR
B - 1	22.5	42.2	22.5	42.2
N - 1	2.7	5.3		
N - 2	2.9	5.7		
N - 3	18.3	36.1	49.9	93.6
N - 4	2.8	5.5		
N - 5	2.7	5.4		
N - 6	18.3	36.2	48.6	99.2
N - 7	2.9	5.7		
N - 8	2.7	5.4		
N - 9	9	17.8		
N - 10	2.8	5.5		
N - 11	5.2	10.4	45	90.1
N - 12	1.3	2.6		
N - 13	1.3	2.6		
N - 14	2.9	5.7		
N - 15	8.5	16.8		
N - 16	4.3	8.5		
N - 17	6	11.8	53.3	105.3
N - 18	1.9	3.7		
N - 19	1.4	2.7		
N - 20	3	6		
N - 21	10	19.8		
N - 22	2.4	4.8		
N - 23	5.3	10.4	61	119.5



BASIN WITH BOULDER STORM DRAIN



BASIN WITHOUT BOULDER STORM DRAIN

\*\* NOTE

CALCULATIONS ASSUME THAT THE BOULDER STORM DRAIN HAS BEEN INSTALLED (LEFT) AND THAT THE BOULDER STORM DRAIN HAS NOT BEEN INSTALLED (RIGHT). THE CALCULATIONS ALSO ASSUME THE SMALL EAST-WEST STORM DRAINS ARE FULL AND PEAK FLOW CALCULATIONS ARE CONTROLLED BY STREET TIME. BASIN SUMMATION POINTS ARE CORRECTED VALUES ASSUMING WATER TRAVELS IN THE PATH INDICATED BY THE BASIN MAP ARROWS AND PERCENTILES.

10/02/28  
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NOLTE and ASSOCIATES, Inc.  
 Engineers / Planners / Surveyors  
 5350 N. Academy Blvd., Suite 100, Colorado Springs, CO 80918

BYPASS FLOW EXHIBIT  
 BASIN & STORM SEWER DETAIL

BUSINESS IMPROVEMENT DISTRICT