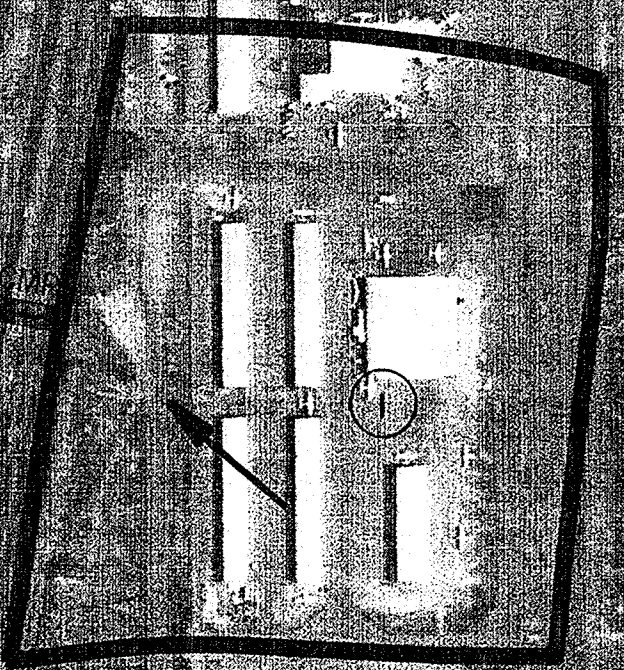




CITICORP DRAINAGE FLOW RATE SUMMARY
DEVELOPMENT SCENARIO #1
EXISTING CONDITIONS

BASIN	AREA (ac)	AREA (sq mi)	100 YEAR FLOW RATE (cfs)
1	19.50	0.0353	76.9
2	45.72	0.0844	67.5
3	32.23	0.0591	38.9
4	21.82	0.0404	30.9
5	39.97	0.0736	41.9
6	15.08	0.0278	54.5
7	10.50	0.0194	26.5
8	0.91	0.0017	15.9

ANALYSIS POINT	100 YEAR FLOW RATE (cfs)
1	105.5
2	38.9
3	76.2
4	153.5



LEGEND

DRAINAGE BASIN DESIGNATION 14

DRAINAGE DIRECTION

BASIN BOUNDARY

ANALYSIS POINT API

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ALBUQUERQUE LAS CRUCES SANTA FE

DATE REVISION	CITICORP DRAINAGE REPORT		
	EXISTING CONDITIONS BASIN MAP		
	PLATE 1		
	96177A2417	Sheet	
BY	Drawn By: JAJ	Date: 3/96	
	Checked By: CWH	Scale: 1" = 300'	



CITICORP DRAINAGE FLOW RATE SUMMARY			
DEVELOPMENT SCENARIO #2			
DEVELOPED SITE AND STREETS WITH UNDEVELOPED UPSTREAM BASINS			
BASIN	AREA (ac)	AREA (sq mi)	100 YEAR FLOW RATE (cfs)
1	19.50	0.0305	76.9
2	49.73	0.0777	73.7
3	19.58	0.0306	31.5
4	12.02	0.0188	19.3
5	20.94	0.0327	38.3
6	3.05	0.0048	11.7
7	4.06	0.0063	13.3
8	2.37	0.0037	9.8
9	0.87	0.0014	3.7
10	0.91	0.0014	3.7
11	12.40	0.0194	44.8
12	2.75	0.0043	4.4
13	5.87	0.0092	9.5
14	4.64	0.0073	19.3
15	1.97	0.0031	8.2
16	12.90	0.0202	55.2
17	18.91	0.0296	82.5

ANALYSIS POINT	100 YEAR FLOW RATE (cfs)
1	138.7
2	31.5
3	19.3
4	19.3
5	197.2
6	23.0
7	49.2
8	9.5
9	8.2
10	299.3
11	111.5
12	410.2
13	409.6

NOTES:
1. BASIN 16 IS THE SOUTH HALF OF THE SITE
(APPROXIMATELY THE SUM OF ON-SITE BASINS A, D, E, I, AND J).
2. BASIN 17 IS THE NORTH HALF OF THE SITE
(APPROXIMATELY THE SUM OF ON-SITE BASINS B, C, G, F, AND H).
3. SHADED BASINS ARE UNDEVELOPED UNDER SCENARIO #2
4. SEE PLATE 4 FOR ON SITE BASINS AND FLOW RATE CALCULATIONS.

LEGEND

DRAINAGE BASIN DESIGNATION

DRAINAGE DIRECTION

BASIN BOUNDARY

ANALYSIS POINT

14

API

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CITICORP DRAINAGE
REPORT

CITICORP WITH EXISTING
CONDITIONS BASIN MAP

PLATE 2

90177A2417

Drawn By JAJ

Checked By CWH

3/96

Date

Scale: 1"=300'

BOHANNAN-HUSTON
INC.



CITICORP DRAINAGE FLOW RATE SUMMARY			
DEVELOPMENT SCENARIO #3			
DEVELOPED SITE AND STREETS WITH DEVELOPED UPSTREAM BASINS			
BASIN	AREA (ac)	AREA (sq mi)	100 YEAR FLOW RATE (cfs)
1	19.50	0.0305	76.9
2	39.99	0.0629	153.7
3	21.06	0.0329	86.1
4	16.45	0.0257	67.3
5	14.46	0.0226	63.7
6	6.21	0.0097	23.1
7	4.10	0.0064	16.5
8	3.05	0.0048	11.7
9	4.06	0.0063	13.3
10	2.97	0.0047	9.8
11	0.87	0.0014	3.7
12	0.91	0.0014	3.7
13	12.40	0.0194	47.1
14	2.75	0.0043	11.3
15	5.87	0.0092	24.5
16	4.64	0.0073	19.3
17	11.97	0.0191	55.2
18	12.90	0.0202	55.2
19	19.91	0.0316	82.5

ANALYSIS POINT	100 YEAR FLOW RATE (cfs)
1	1205.4
2	86.1
3	126.2
4	0.0
5	43.5
6	52.3
7	25.5
8	8.2
9	521.6
10	111.5
11	322.5
12	525.5
13	525.5

- NOTES:
1. BASIN 16 IS THE SOUTH HALF OF THE SITE (APPROXIMATELY THE SUM OF ON-SITE BASINS A, D, E, I, AND J).
 2. BASIN 17 IS THE NORTH HALF OF THE SITE (APPROXIMATELY THE SUM OF ON-SITE BASINS B, C, G, F, AND H).
 3. SHADED BASINS CHANGE BETWEEN DEVELOPMENT SCENARIOS #2 AND #3 BECOMING DEVELOPED OR MORE DEVELOPED UNDER SCENARIO #3.
 4. SEE PLATE 4 FOR ON SITE BASINS AND FLOW RATE CALCULATIONS.

LEGEND

DRAINAGE BASIN DESIGNATION (14)

DRAINAGE DIRECTION (arrow)

BASIN BOUNDARY (thick line)

ANALYSIS POINT (API)

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ALBUQUERQUE LAS CRUCES SANTA FE

DATE		REVISION	
Project No.		CITICORP DRAINAGE REPORT	
Sed		FULLY DEVELOPED CONDITIONS BASIN MAP	
		PLATE 3	
96177A2417		Sheet of	
Drawn By: JAJ		Date: 3/96	
Checked By: CWH		Scale: 1" = 300'	

