

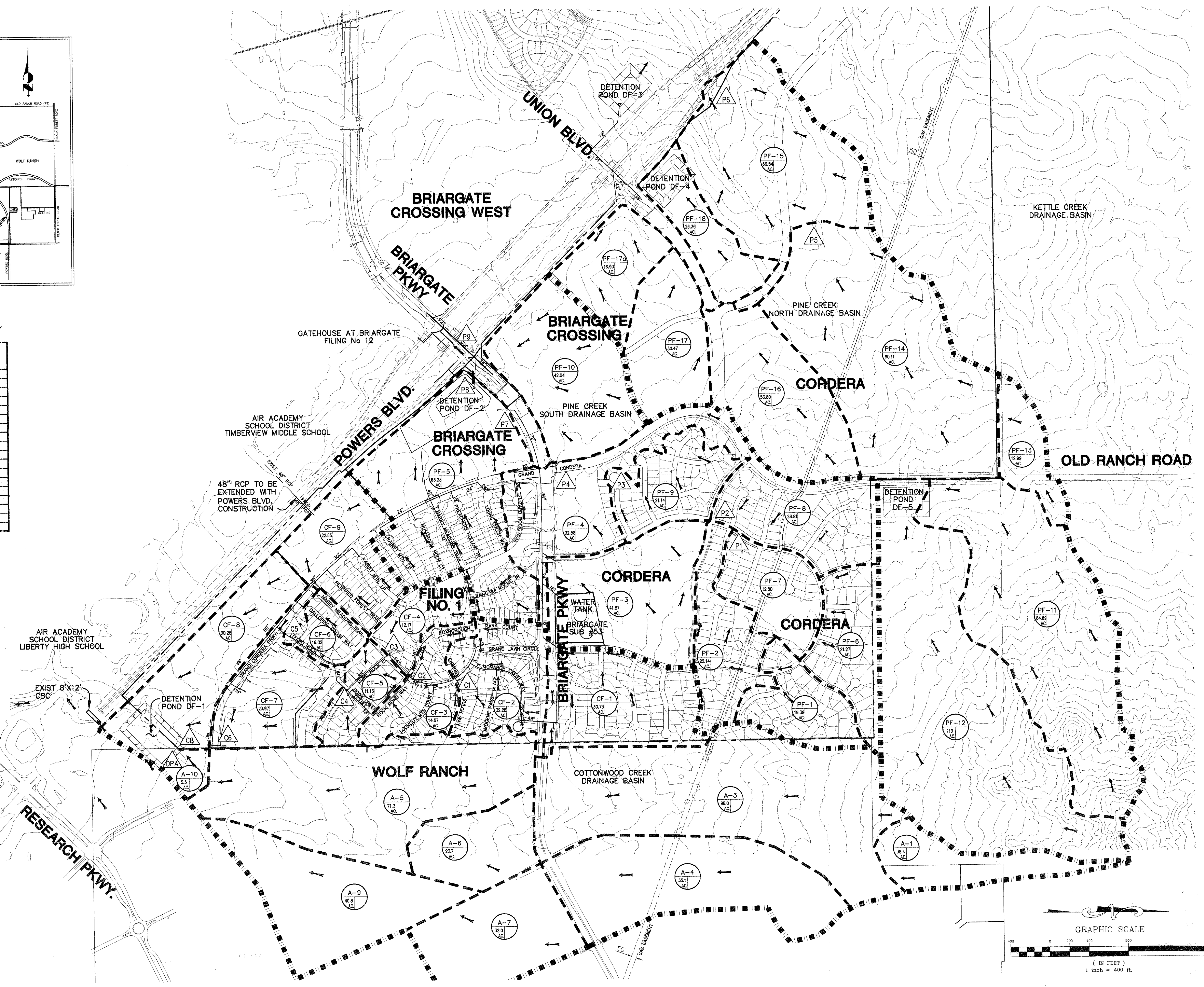
VICINITY MAP:  
N.T.S.

**SUB-BASIN DATA SUMMARY DEVELOPED CONDITIONS**

BASIN ID	AREA (AC)	Q(6) (CFS)	Q(100) (CFS)
CF 1	30.73	28.3	75.5
CF 2	32.28	25.7	77.8
CF 3	14.57	13.2	38.0
CF 4	12.17	4.8	18.8
CF 5	11.13	9.6	28.6
CF 6	18.02	28.2	64.0
CF 7	23.97	38.7	89.7
CF 8	30.25	54.4	119.7
CF 9	22.85	45.1	92.8
A1	38.40	5.2	38.8
A3	88.00	78.6	234.4
A4	55.10	58.2	155.4
A5	71.30	69.9	181.3
A6	23.88	28.4	68.8
A7	32.00	34.9	84.1
A8	40.77	21.9	78.0
A10	5.50	1.0	5.7
PF 1	18.38	11.0	39.3
PF 2	22.14	9.8	38.3
PF 3	41.87	52.6	129.8
PF 4	32.58	22.9	74.7
PF 5	62.23	75.9	192.9
PF 5a	4.14	3.4	9.8
PF 5b	10.48	27.2	50.3
PF 8	21.27	11.4	42.0
PF 7	17.80	5.8	23.8
PF 8	28.81	14.5	63.8
PF 8	21.14	18.3	54.5
PF 10	42.04	103.3	187.1
PF 11	84.89	83.4	230.1
PF 12	112.85	108.2	289.8
PF 13	12.99	2.0	14.8
PF 14	80.11	81.1	201.9
PF 15	80.54	45.0	144.2
PF 16	53.80	77.4	187.7
PF 17	30.47	71.5	138.4
PF 17a	18.80	38.3	75.5
PF 18	28.39	50.2	107.8

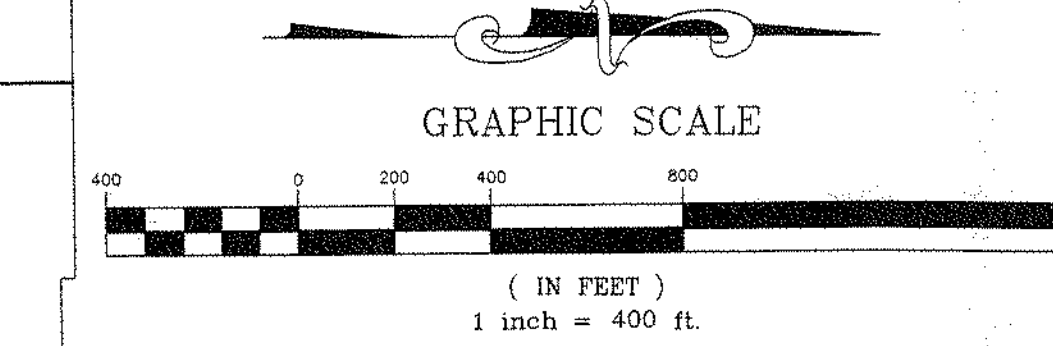
**SUB-BASIN DATA SUMMARY DEVELOPED CONDITIONS**

DESIGN POINT	Q(5) (CFS)	Q(100) (CFS)
C1	51.8	155.8
C2	63.9	182.6
C3	88.1	212.1
C4	78.8	238.8
C5	99.7	280.9
C6	135.7	374.2
C8	385.5	1183.5
C9A	259.9	774.2
P1	17.0	55.1
P2	51.7	185.8
P3	87.5	245.3
P4	140.8	445.7
P5	117.4	318.7
P6	148.0	569.5
P7	212.7	634.4
P8	74.1	277.0
P8	152.8	388.4



**LEGEND**

- FILING LIMITS
- DRAINAGE BASIN BOUNDARY
- PROPOSED CONTOUR
- EXISTING CONTOUR
- PROPOSED STORM DRAIN PIPE
- EXISTING STORM DRAIN PIPE
- DRAINAGE CHANNEL
- PROPOSED TYPE 'R' INLET
- PROPOSED TYPE I OR II MANHOLE
- PROPOSED FLOW DIRECTION ARROW
- DESIGN POINT
- BASIN DESIGNATION
- BASIN AREA (ACRES)



NO.	DATE	DESCRIPTION	BY
REVISIONS			
		BENCHMARK DATA (ELEV.) 6975.68	
		(DATUM) ASSUMED	
		(DESCRIPTION/LOCATION) OF BRIARGATE PKWY AND BRIARGATE DR	

NAME: S:\03\104\015\dwg\Prelim\STRM-DRAIN\DP01.dwg  
 PLOT DATE: Nov 09, 2004 4:02pm

FOR AND ON BEHALF OF  
MATRIX DESIGN GROUP, INC.

**Matrix Design Group, Inc.**  
 Integrated Design Solutions 2925 Professional Place, Suite 202  
 Colorado Springs, CO 80904  
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**CORDERA FILING NO. 1**  
**DRAINAGE REPORT**  
**FULLY DEVELOPED DRAINAGE MAP**

DESIGNED BY: RGG  
 DRAWN BY: BPK  
 CHECKED BY: N/A

SCALE: 1"=400'  
 HORIZ: N/A  
 VERT: N/A

DATE ISSUED: NOV 2003  
 SHEET NO. 1 OF 4 SHEETS

DP01