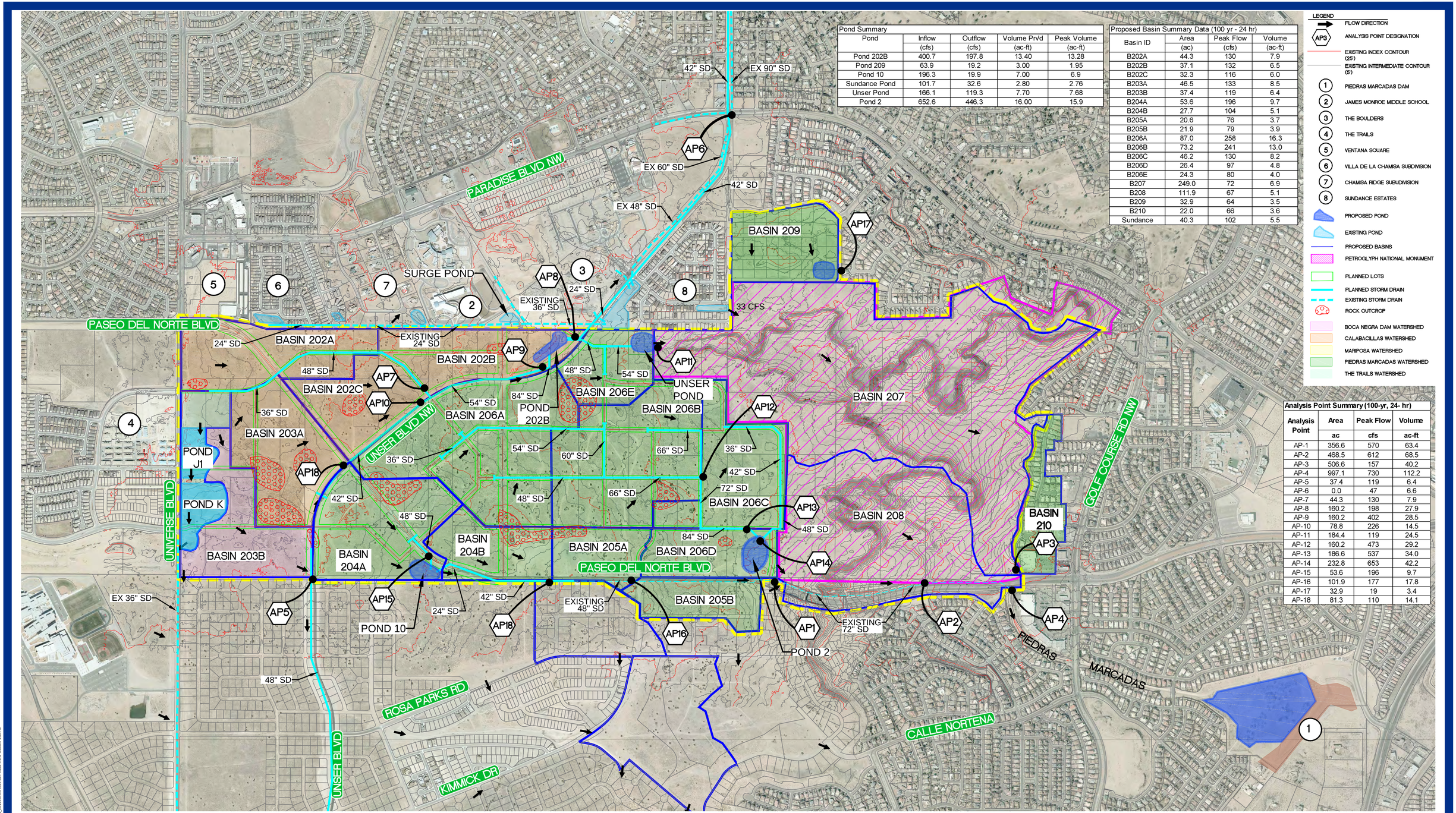

Pond Summary				
Pond	Inflow	Outflow	Volume Pr'd	Peak Volume
	(cfs)	(cfs)	(ac-ft)	(ac-ft)
Pond 202B	400.7	197.8	13.40	13.28
Pond 209	63.9	19.2	3.00	1.95
Pond 10	196.3	19.9	7.00	6.9
Sundance Pond	101.7	32.6	2.80	2.76
Unser Pond	166.1	119.3	7.70	7.68
Pond 2	652.6	446.3	16.00	15.9

Proposed Basin Summary Data (100 yr - 24 hr)			
Basin ID	Area	Peak Flow	Volume
	(ac)	(cfs)	(ac-ft)
B202A	44.3	130	7.9
B202B	37.1	132	6.5
B202C	32.3	116	6.0
B203A	46.5	133	8.5
B203B	37.4	119	6.4
B204A	53.6	196	9.7
B204B	27.7	104	5.1
B205A	20.6	76	3.7
B205B	21.9	79	3.9
B206A	87.0	258	16.3
B206B	73.2	241	13.0
B206C	46.2	130	8.2
B206D	26.4	97	4.8
B206E	24.3	80	4.0
B207	249.0	72	6.9
B208	111.9	67	5.1
B209	32.9	64	3.5
B210	22.0	66	3.6
Sundance	40.3	102	5.5

LEGEND

- FLOW DIRECTION
- AP3 ANALYSIS POINT DESIGNATION
- EXISTING INDEX CONTOUR (25')
- EXISTING INTERMEDIATE CONTOUR (5')
- 1 PIEDRAS MARCADAS DAM
- 2 JAMES MONROE MIDDLE SCHOOL
- 3 THE BOULDERS
- 4 THE TRAILS
- 5 VENTANA SQUARE
- 6 VILLA DE LA CHAMISA SUBDIVISION
- 7 CHAMISA RIDGE SUBUDIVISION
- 8 SUNDANCE ESTATES
- PROPOSED POND
- EXISTING POND
- PROPOSED BASINS
- PETROGLYPH NATIONAL MONUMENT
- PLANNED LOTS
- PLANNED STORM DRAIN
- EXISTING STORM DRAIN
- ROCK OUTCROP
- BOCA NEGRA DAM WATERSHED
- CALABACILLAS WATERSHED
- MARIPOSA WATERSHED
- PIEDRAS MARCADAS WATERSHED
- THE TRAILS WATERSHED

Analysis Point Summary (100-yr, 24- hr)			
Analysis Point	Area	Peak Flow	Volume
	ac	cfs	ac-ft
AP-1	356.6	570	63.4
AP-2	468.5	612	68.5
AP-3	506.6	157	40.2
AP-4	997.1	730	112.2
AP-5	37.4	119	6.4
AP-6	0.0	47	6.6
AP-7	44.3	130	7.9
AP-8	160.2	198	27.9
AP-9	160.2	402	28.5
AP-10	78.8	226	14.5
AP-11	184.4	119	24.5
AP-12	160.2	473	29.2
AP-13	186.6	537	34.0
AP-14	232.8	653	42.2
AP-15	53.6	196	9.7
AP-16	101.9	177	17.8
AP-17	32.9	19	3.4
AP-18	81.3	110	14.1

N

GRAPHIC SCALE

600 0 300 600 1200 2400

(IN FEET)
1 inch = 600 ft.

UPPER PIEDRAS MARCADAS WATERSHED DRAINAGE AND WATER QUALITY MANAGEMENT PLAN
PLATE 3 - ALTERNATIVE 3

AMAFCA

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