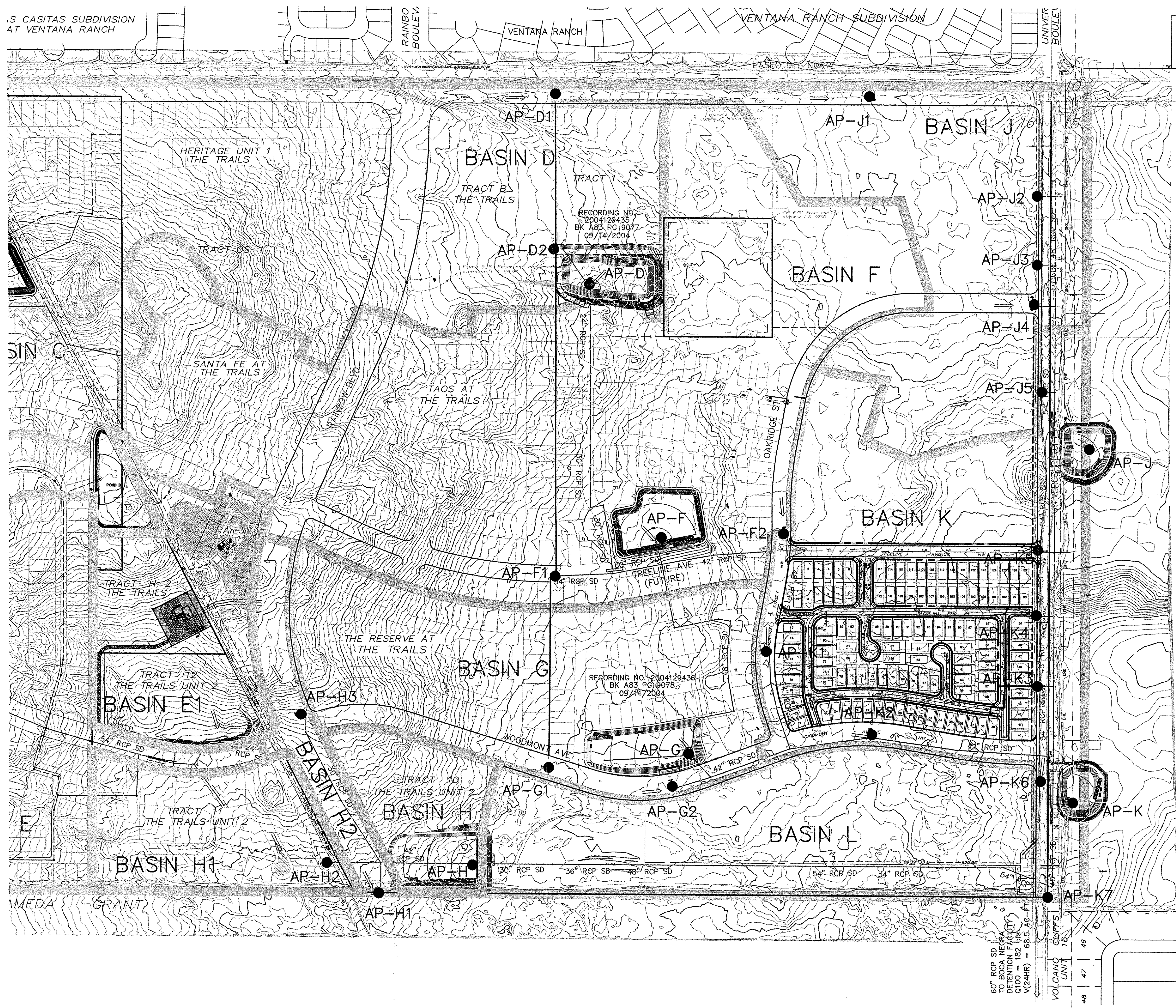




LEGEND

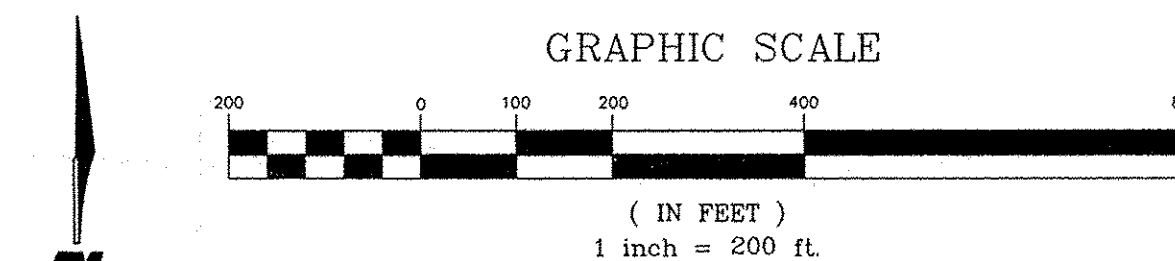
BASIN BOUNDARY
SUB-BASIN BOUNDARY
FLOW DIRECTION

Developed Condition SURGE POND SUMMARY								
Analysis Point	Description	Drainage Area (Ac.)	Q100 (cfs)/in	Q100 (cfs)/out	MAX STORAGE (Ac-Ft)	TOP ELEV =	BOP ELEV =	MAX WSEL =
AP-D	POND D	253.25	164.89	23.56	5.39	5436.85	5430.00	5436.21
AP-F	POND F	349.70	338.86	33.92	9.41	5424.33	5416.00	5423.04
AP-G	POND G	381.63	138.81	33.51	3.66	5422.50	5416.00	5420.35
AP-J	POND J	32.91	82.27	21.27	2.14	5423.00	5417.00	5421.87
AP-H	POND H	164.29	112.14	35.28	2.77	5422.00	5418.00	5421.87
AP-K	POND K	458.65	164.27	101.37	2.75	5410.50	5405.00	5410.18

Analysis Point	Description	Drainage Area (Ac.)	Q100 (cfs)
AP-D1	PASEO DEL NORTE BYPASS FLOW	—	12.85
AP-D2	FROM HERITAGE—REPORT DATED 03/04	—	172.0
AP-F1	FROM SANTA FE/TAOS—REPORT DATED 12/03	—	167.4
AP-F2	OAKRIDGE ST INLETS	2.36	8.03
AP-G1	FROM RESERVE—REPORT DATED 04/04	—	52.80
AP-G2	WOODMONT AVE SUMP INLETS	4.26	17.99
AP-H1	RAINBOW INLETS	3.15	12.88
AP-H2	TRACT 11 STUB	11.71	33.32
AP-H3	RAINBOW INLETS	2.62	11.06
AP-J1	PASEO DEL NORTE SUMP INLETS	3.04	12.85
AP-J2	STUB TO UNIVERSE STORM DRAIN	14.54	36.65
AP-J3	UNIVERSE INLETS	2.92	12.31
AP-J4	OAKRIDGE ST INLETS	0.82	3.47
AP-J5	STUB TO UNIVERSE STORM DRAIN	4.22	12.00
AP-K1	OAKRIDGE ST SUMP INLETS	1.34	5.65
AP-K2	WOODMONT AVE SUMP INLETS	2.04	8.62
AP-K3	STUB TO UNIVERSE STORM DRAIN	10.84	31.35
AP-K4	STUB TO UNIVERSE STORM DRAIN	6.37	18.41
AP-K5	STUB TO UNIVERSE STORM DRAIN	12.85	36.54
AP-K6	UNIVERSE INLETS	6.24	21.29
AP-K7	TRAILS OUTFALL TO BOCA NEGRA DAM	651.0	181.78

HYDROLOGIC DATA - DEVELOPED

BASIN	AREA (acres)	LAND TREATMENT PERCENTAGES BY TYPE				YIELD (cfs/ac)	Q ₁₀₀ (cfs)	V ₁₀₀₋₂₄ (ac-ft)
		A	B	C	D			
ON-D	58.30	0	25	25	50	2.61	151.97	7.84
ON-H	7.43	0	15	25	60	3.54	26.30	1.11
ON-H1	11.71	0	39.9	39.9	20.2	2.77	32.46	1.10
ON-H2	5.77	0	0	10	90	4.10	23.59	1.09
ON-G	31.93	0	25	25	50	4.29	105.96	4.29
ON-F	82.94	0	25	25	50	3.32	274.98	11.15
ON-J	32.92	0	25	25	50	2.52	82.74	4.42
ON-K	45.12	0	25	25	50	2.84	128.14	6.06
ON-L	27.03	0	19	19	62	3.10	83.92	4.07

**WILSON**
& COMPANY

2600 THE AMERICAN ROAD, S.F.
SUITE 100
RIO RANCHO, NEW MEXICO
87124
(505) 898-8021

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TAOS AT THE TRAILS UNIT 2
OVERALL POND GRADING & DRAINAGE PLAN
DEVELOPED CONDITIONS

Design Review Committee	City Engineer Approval
-------------------------	------------------------

City Project No.

Zone Map No.

1

1

1

4	
---	--

PLATE 2