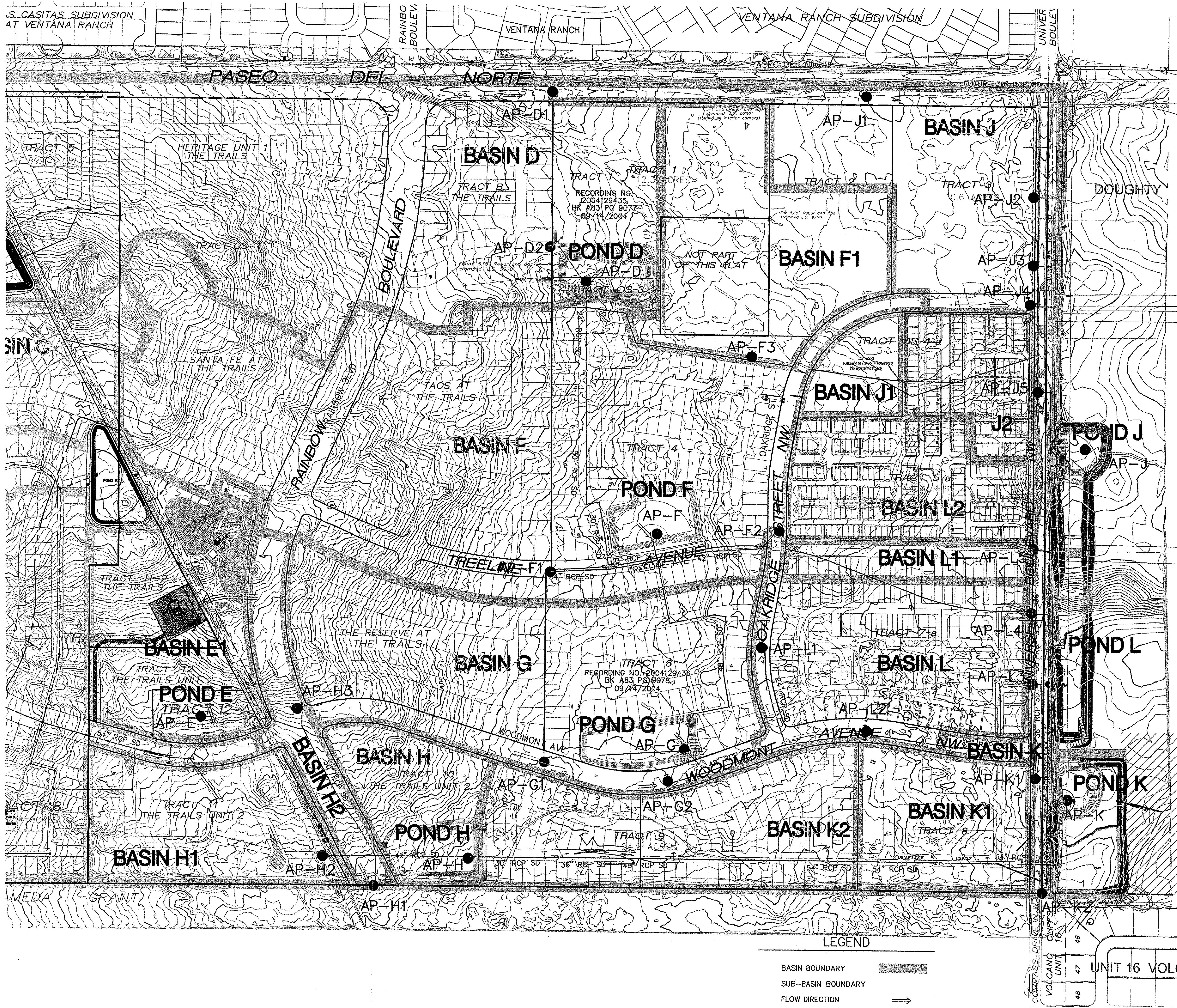


S. CASITAS SUBDIVISION
AT VENTANA RANCH

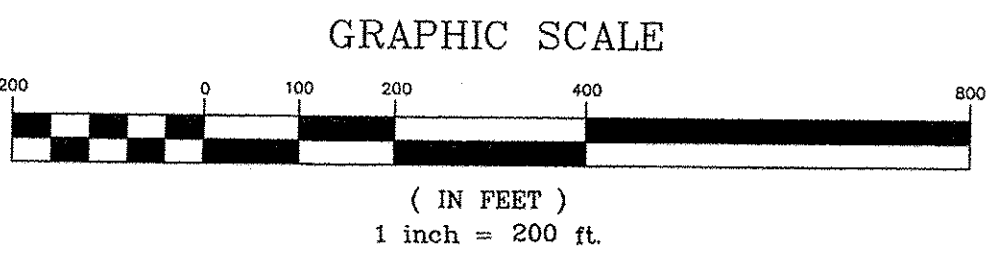


Developed Condition SURGE POND SUMMARY								
Analysis Point	Description	Drainage Area (Ac.)	Q100 (cfs) In	Q100 (cfs) Out	MAX STORAGE (Ac-Ft)	TOP ELEV =	BOP ELEV =	MAX WSEL =
AP-D	POND D	253.25	165.64	23.68	5.55	5436.85	5430.00	5436.33
AP-E	POND E	139.41	93.81	9.40	2.53	5448.00	5443.00	5447.25
AP-F	POND F	349.72	348.18	38.18	9.72	5424.33	5416.00	5423.22
AP-G	POND G	381.66	138.81	34.01	3.90	5422.50	5416.00	5420.51
AP-J	POND J	33.11	86.83	1.03	4.14	5421.00	5414.00	5420.90
AP-H	POND H	164.31	89.30	27.70	1.38	5422.00	5418.00	5420.79
AP-L	POND L	450.16	154.71	33.37	6.35	5414.00	5405.00	5412.67
AP-K	POND K	651.46	183.46	41.51	7.63	5410.50	5405.00	5410.05

Developed Condition SUB-BASIN ANALYSIS POINT SUMMARY			
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	9.72	22.00
AP-L1	OAKRIDGE ST SUMP INLETS	1.34	5.65
AP-L2	WOODMONT AVE SUMP INLETS	2.04	8.62
AP-L3	STUB TO UNIVERSE STORM DRAIN	9.47	33.90
AP-L4	STUB TO UNIVERSE STORM DRAIN	5.28	18.90
AP-L5	STUB TO UNIVERSE STORM DRAIN	14.83	55.85
AP-K1	UNIVERSE INLETS	6.24	21.29
AP-K2	TRAILS OUTFALL TO BOCA NEGRA DAM	651.46	41.51

*TOTAL 24 HOUR VOLUME DRAINING FROM THE TRAILS IS APPROXIMATELY 68.5 AC-FT.

HYDROLOGIC DATA - DEVELOPED								
BASIN	AREA (acres)	LAND TREATMENT PERCENTAGES BY TYPE				YIELD (cfs/ac)	Q100 (cfs)	V100-24 (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	3.32	105.96	4.29
ON-F	65.15	0	25	25	50	3.32	216.06	8.76
ON-F1	17.82	0	16	17	67	3.63	64.75	2.81
ON-J	21.38	0	5	5	90	2.90	61.90	4.03
ON-J1	3.26	20	40	40	0	2.14	6.97	0.19
ON-J2	6.46	0	12.5	12.5	75	3.77	24.38	1.09
ON-L	17.91	0	15	15	70	3.68	65.93	2.89
ON-L1	3.81	0	15	15	70	3.69	14.04	0.62
ON-L2	11.02	0	12.5	12.5	75	3.77	41.60	1.85
ON-K	6.16	0	5	5	90	4.09	25.20	1.17
ON-K1	9.45	0	33	33	34	2.61	24.68	1.07
ON-K2	17.59	0	18	18	64	3.14	55.22	2.70
POND J	2.02	0	70	30	0	2.24	4.52	0.12
POND L	2.65	0	70	30	0	2.24	5.93	0.16
POND K	3.80	0	70	30	0	2.24	8.51	0.23



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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP
**THE TRAILS UNIT II
AMENDMENT TO DRAINAGE MASTER PLAN
DEVELOPED CONDITIONS**

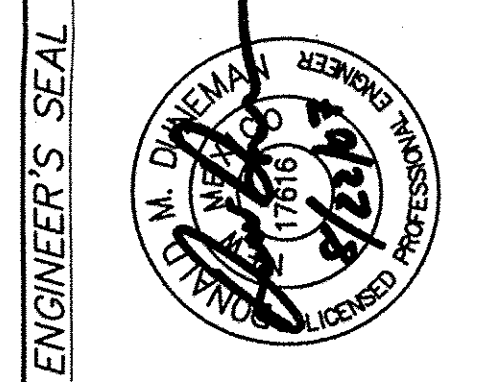
Design Review Committee	City Engineer Approval	Mo./Dev.Yr.	Mo./Dev.Yr.
	C09/D001		
City Project No.	Zone Map No.	Last Design Update	

C-9-Z PLATE 1

AS-BUILT INFORMATION			
CONTRACTOR	DATE	DATE	DATE
STAMPED BY	DATE	DATE	DATE
ACCEPTANCE BY	DATE	DATE	DATE
REVISIONS BY	DATE	DATE	DATE
DRAWINGS BY	DATE	DATE	DATE
RECORDING BY	DATE	DATE	DATE
MICRO-FILM INFORMATION			
NO.	DATE	DATE	DATE

BENCH MARKS			
ACS BRASS TABLET STAMPED "2-B10 1980"	DATE	DATE	DATE
Geographic Position (NAD 1927)	DATE	DATE	DATE
N.M. State Plane Coordinates (Central Zone)	DATE	DATE	DATE
X= 357,543.73 Y= 1,527,976.48	DATE	DATE	DATE
Ground-to-Grid Factor = 0.99966354	DATE	DATE	DATE
ΔC = -00'16"30"	DATE	DATE	DATE
SLD 1929 Elevation = 5429.35	DATE	DATE	DATE

SURVEY INFORMATION			
FIELD NOTES	DATE	DATE	DATE
BY	DATE	DATE	DATE
NO.	DATE	DATE	DATE



ENGINEER'S SEAL			
REMARKS	BY	DATE	DATE
REVISIONS	DATE	DATE	DATE
WILSON & COMPANY, ENGINEERS & ARCHITECTS	DATE	DATE	DATE
DESIGNED BY DMD	DATE	DATE	DATE
DRAWN BY DMD	DATE	DATE	DATE
CHECKED BY SJS	DATE	DATE	DATE