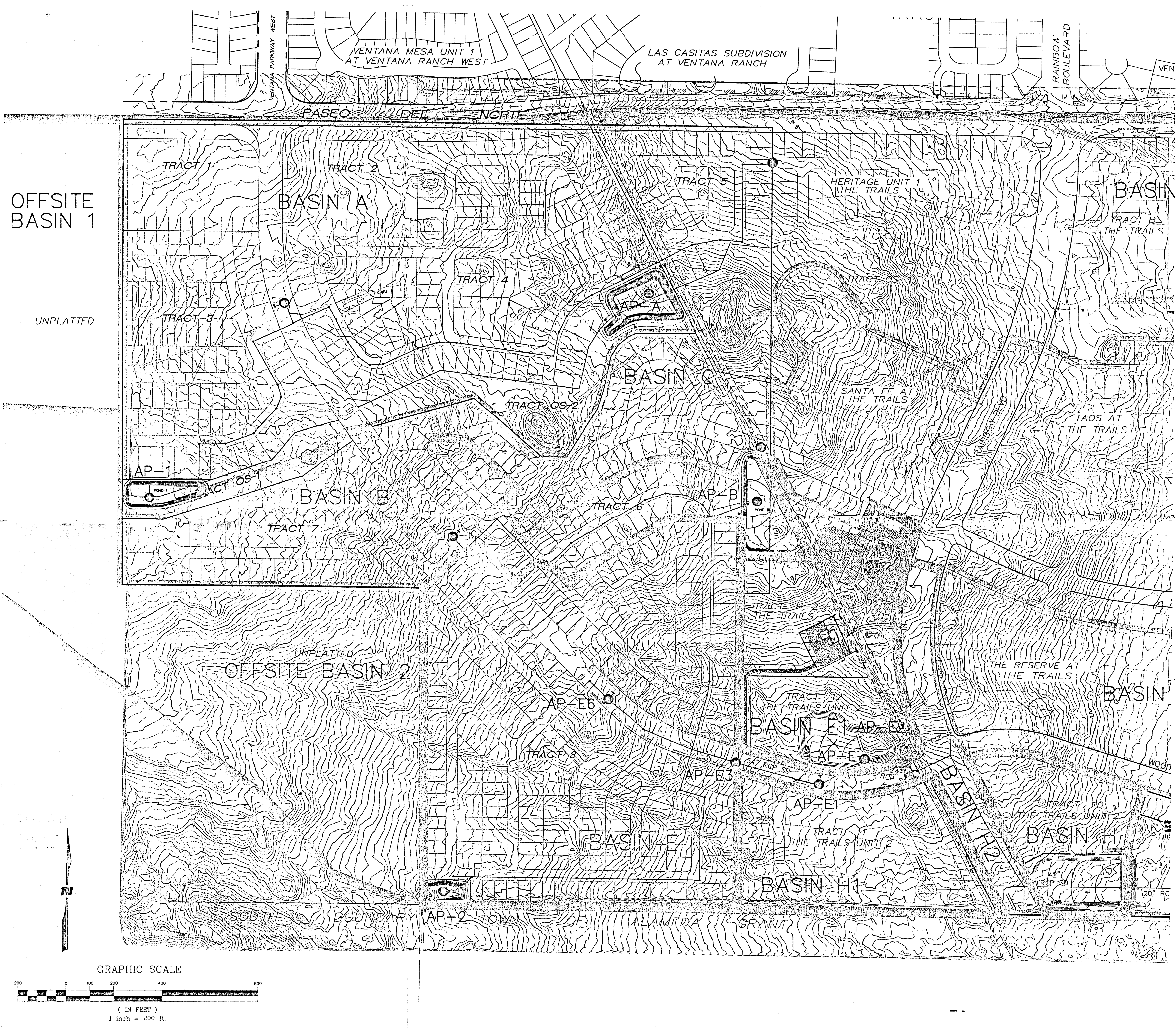




LEGEND

Basin Boundary
Sub-basin Boundary
Flow Direction

Developed Condition SURGE POND SUMMARY

Analysis Point	Description	Inflow into Onsite Pond #	Drainage Area (Ac.)	Q100 (cfs)in	Q100 (cfs)out	V100 MAX STORAGE (Ac-Ft)	TOP ELEV =	BOP ELEV =	MAX WSEL =
AP-1	OFFSITE-1	127.87	38.48	9.40	2.42	5546.50	5540.00	5445.97	
AP-2	OFFSITE-2	51.52	14.42	4.49	0.86	5481.50	5477.00	5481.32	
AP-A	POND A	194.94	224.45	16.94	6.38	5507.00	5497.00	5504.70	
AP-B	POND B	77.18	85.67	3.38	3.15	5490.50	5486.00	5489.92	
AP-E	POND E	139.39	187.59	34.26	3.55	5448.00	5443.00	5447.42	

Developed Condition SUB-BASIN ANALYSIS POINT SUMMARY

Analysis Point	Description	Drainage Area (Ac.)	Q100 (cfs)
AP-E1	WOODMONT AVE SUMP INLETS	3.27	13.81
AP-E2	FROM TRACT E - THOMPSON ENG. G&D PLAN	5.98	8.30
AP-E3	FLOW TO UNIT 2 STORM DRAIN	120.25	145.28

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-E	46.35	0	25	25	50	3.32	153.72	6.23
ON-E1	15.90	43	25	25	7	1.98	31.45	0.97
OFF-1	127.90	100	0	0	0	0.30	38.48	4.59
OFF-2	51.55	100	0	0	0	0.28	14.42	1.85
ON-A	67.05	0	25	25	50	3.32	222.42	9.01
ON U	25.65	0	25	25	50	3.32	85.15	3.45
ON-C	13.48	0	25	25	50	3.32	44.81	1.82

AS-BUILT INFORMATION

ACS BR-SS TABLE STAMPED "2-B10 1980"

Geographic Position (NAD 1927)
N.M. State Plane Coordinates (Central Zone)
X = 357,543.73 Y = 1,527,976.48
Ground-to-Grid Factor = 0.99966354
ΔX = -0.71630"
SLD 1925 Elevation = 5429.35

ENGINEER'S SEAL

Professional Engineer Seal for David L. Wilson, State of New Mexico, License No. 17272, dated 12/22/2005.

REVISIONS

NO.	DATE	REMARKS	BY
1	12/22/05	DESIGNED BY	SS
2	12/22/05	CHECKED BY	SS

WILSON & COMPANY

2600 THE AMERICAN ROAD, SUITE 100, RIO RANCHO, NEW MEXICO 87144 (505) 296-8811

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

**AMENDMENT TO TRAILS UNIT II & III
OVERALL GRADING & DRAINAGE PLAN
DEVELOPED CONDITIONS**

Design Review Committee	City Engineer Approval	Mo. / Day / Yr.	Mo. / Day / Yr.

City Project No. **730084** Zone Map No. **C-9-Z**

PLATE 2