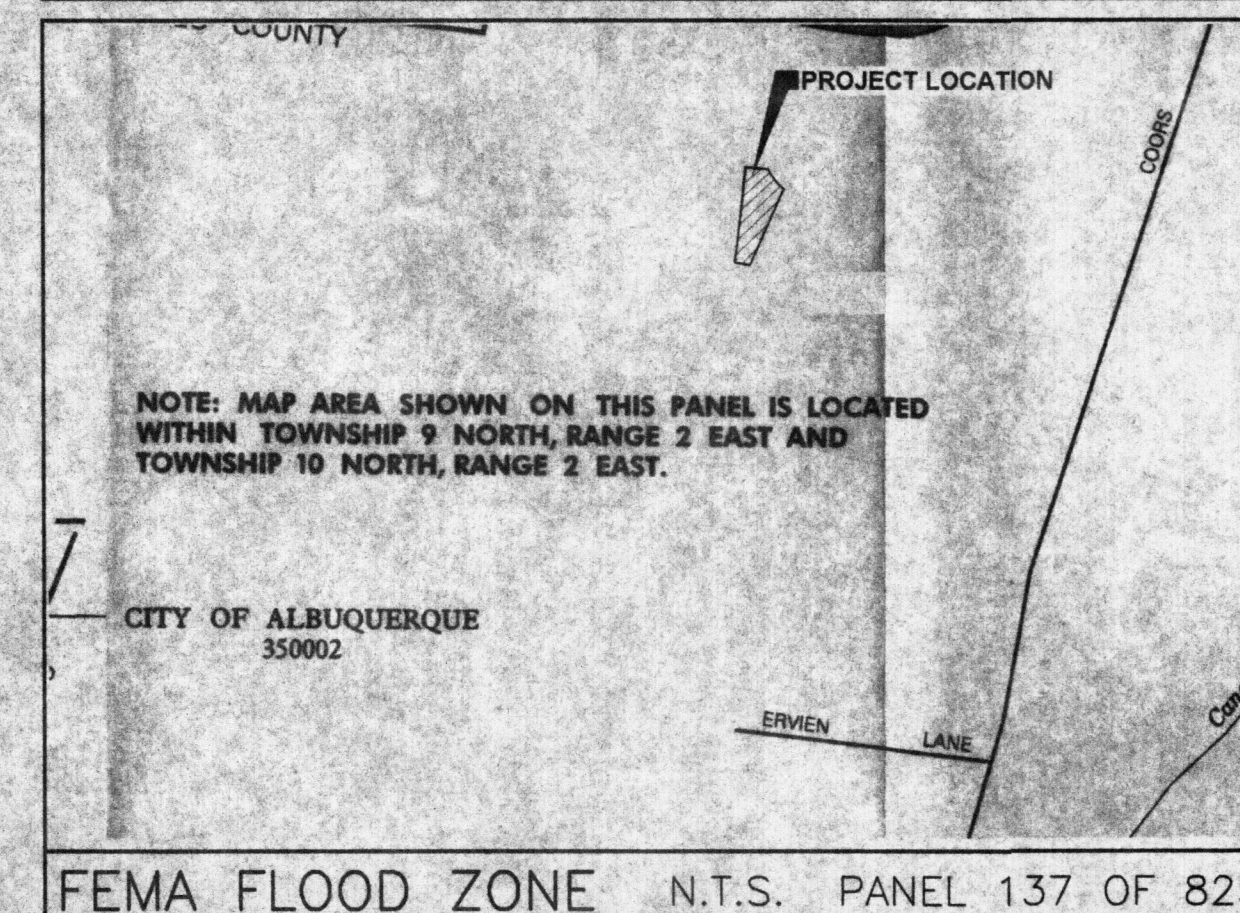
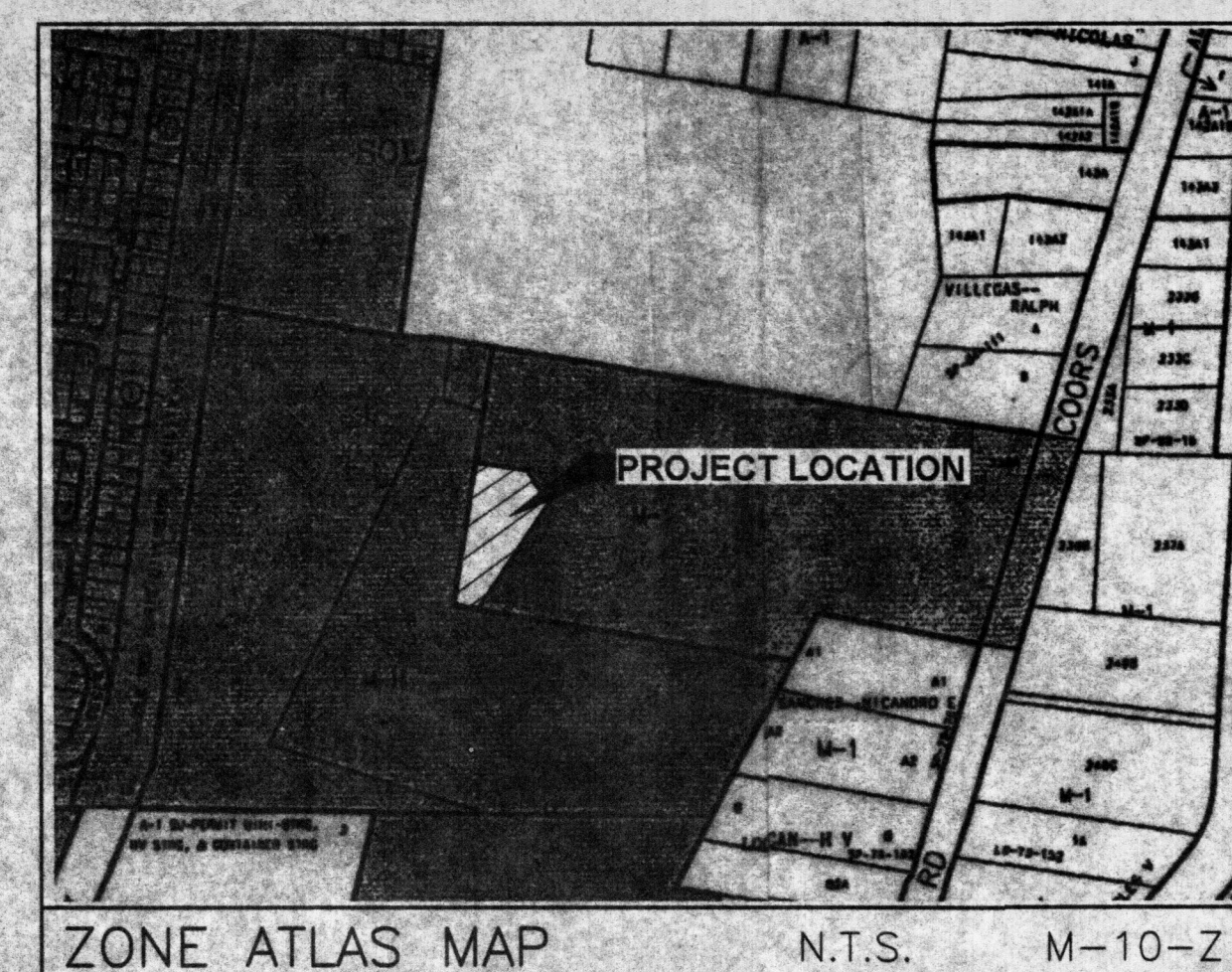


Lot Ten (10), Coors-Arenal Industrial Park Subdivision
Albuquerque, Bernalillo County, New Mexico, as the same as
is shown and designated on the Plat thereof, filed in the
Office of the County Clerk of Bernalillo County, New Mexico.

1010-055-480-072-401-20

Lot 10 Coors/Arenal Subdivision

Hydrology Calculations			
Date: June 9, 2003			
DPM - Section 22.2			
Volume 2, January 1993			
Precipitation Zone	1		
100 Year Storm Depth, P (360)	2.2		
100 year Storm Depth, P (10 day)	3.67		
Treatment Area	A	B	C
Excess Precipitation Factors	0.44	0.67	0.99
Peak Discharge Factors	1.29	2.03	2.87
Land Treatment Area	Acres	Existing	Proposed
Type "D" (Roof)		0.00	0.10
Type "C" (Unpaved Roadway)		0.00	0.08
Type "B" (Irrigated Lawns)		0.00	0.14
Type "A" (Undeveloped)		0.94	0.63
Total (Acres)		0.94	0.94
Excess Precipitaion(in)		0.44	0.68
Volume (100), cf		1506.32	2314.67
Volume (10), cf		1009.23	1550.83
Volume (100,10 day), cf		1506.32	2824.27
Q (100), cfs		1.22	1.74
Q (10), cfs		0.82	1.17

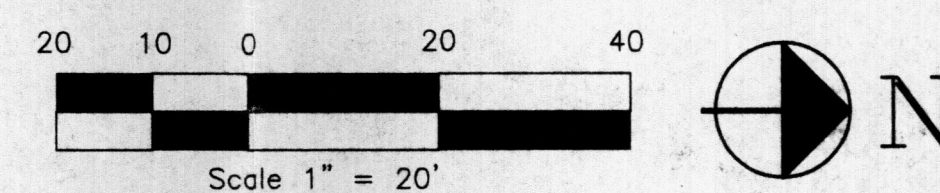
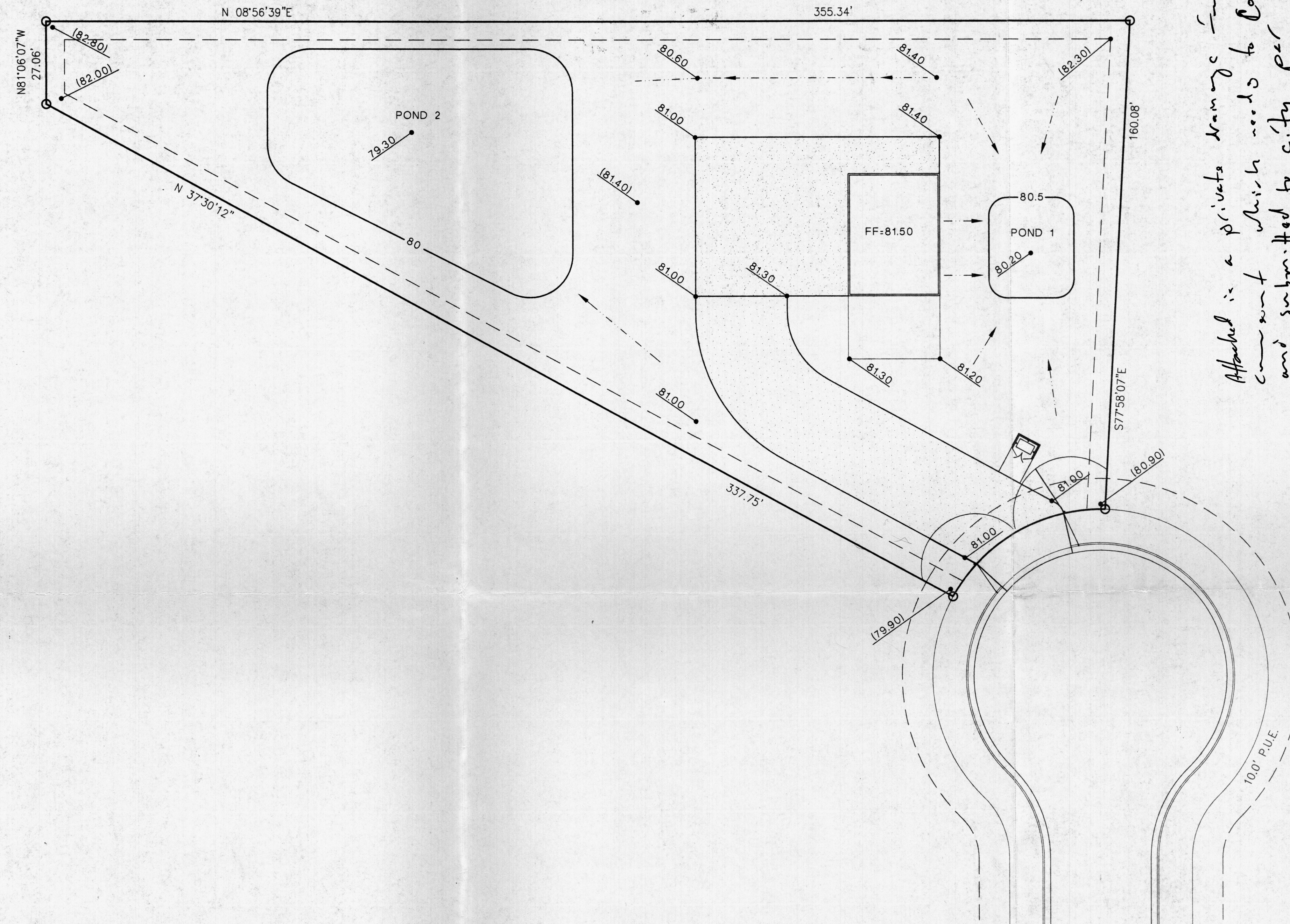


THE PROPERTY AS SHOWN IS LOT 10 OF COORS/ARENAL INDUSTRIAL PARK SUBDIVISION FILED ON JUNE 13, 2003, BOOK 2002C, PAGE 206. THE PARCEL IS LOCATED ON THE SOUTHWEST QUADRANT OF ALBUQUERQUE. THE GRADING PLAN AS SHOWN HEREON COMPLIES WITH THE REQUIREMENTS OF THE GRADING PLAN FOR THE SUBDIVISION. SINCE THERE IS NO DOWNSTREAM INFRASTRUCTURE TO ACCOMMODATE RUNOFF FROM THE INDIVIDUAL LOTS, RETENTION OF THE 100 YR 10 DAY STORM IS REQUIRED. USING THE CRITERIA IDENTIFIED IN THE CITY OF ALBUQUERQUE, DPM, THE REQUIRED RETENTION FOR THIS SITE IS 2,824.27 CU FT. THE PONDS AS SHOWN WILL ACCOMMODATE THE REQUIRED RETENTION.

THERE ARE NO OFF-SITE FLOWS TO THIS PROPERTY.

POND 1 - 450 CU FT
POND 2 - 2,437 CU FT

VOLUME REQUIRED - 2,824 CU FT
VOLUME PROPOSED - 2,887 CU FT



APPROVED GRADING PLAN COORS/ARENAL PARK SUBDIVISION DATED MARCH 1,
2002 FILED 6/13/2002 IN BOOK 2002C PAGE 206, AND ABQ ENGINEERING JOB
NO. 21188

THE SUBJECT PROPERTY IS LOCATED NEAR A FORMER LANDFILL. DUE TO THE SUBJECT PROPERTY BEING NEAR A FORMER LANDFILL CERTAIN PRECAUTIONARY MEASURES HAVE BEEN TAKEN DURING DEVELOPMENT OF THE SUBDIVISION TO ENSURE THE HEALTH AND SAFETY OF THE PUBLIC. RECOMMENDATIONS MADE BY A PROFESSIONAL ENGINEER WITH EXPERTISE IN LANDFILLS AND LANDFILL GAS ISSUES (AS REQUIRED BY THE MOST CURRENT "INTERIM GUIDELINES FOR DEVELOPMENT WITHIN 1000 FEET OF LANDFILLS") WAS CONSULTED PRIOR TO DEVELOPMENT OF THE SUBDIVISION. INFORMATION IS AVAILABLE AT CITY OF ALBUQUERQUE, ENVIRONMENTAL HEALTH DEPARTMENT.

	DIRECTION OF FLOW (SWALE)
	PROPOSED CONTOUR
(81.00)	EXISTING SPOT ELEVATION
81.00	PROPOSED SPOT ELEVATION

A.C.S. NM-45-6A
Elevation = 4960.97

I, the Engineer of record, certify that I have personally visited the site and the existing grades and contours depicted on this plan match what presently exists at the present location.

MARTIN J. GARCIA, N.M.P.E. #11767

Attached is a private drainage twenty
cunant which needs to be completed
and submitted to city per _____
Cathy L. Smith

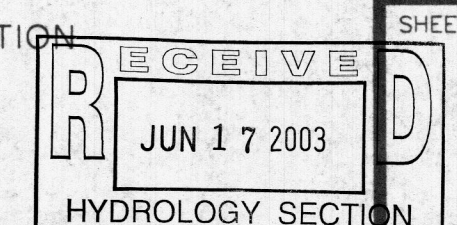
ABQ
ENGINEERING, INC.

1631 EUBANK BLVD NE
ALBUQUERQUE, NM 87112
505-258-7802

•Engineers • Planners
• Construction Services



COORS/ARENAL PARK - LOT 10
GRADING PLAN
ALBUQUERQUE, NEW MEXICO

[illegible]

GRADING PLAN

C-101

SHEET of