



CITY OF
Albuquerque
Public Works Department
January 31, 1997

Martin J. Chávez, Mayor

Robert E. Gurulé, Director

Diane Hoelzer
Mark Goodwin & Assoc.
P.O. Box 90606
Albuquerque, NM 87199

RE: MCT INDUSTRIAL PARK (B18-D4). GRADING AND DRAINAGE PLAN
SUBMITTAL FOR GRADING PERMIT APPROVAL. ENGINEER'S STAMP DATED
JANUARY 31, 1997.

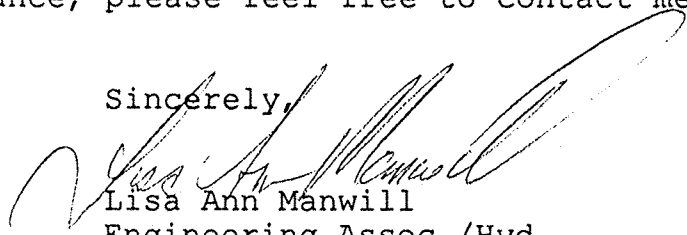
Dear Ms Hoelzer:

Based on the information provided on your January 31, 1997 submittal,
the above referenced project is approved for grading permit.

Please provide AMAFCA's concurrence prior to or at the time of
Building Permit request.

If I can be of further assistance, please feel free to contact me at
924-3984.

Sincerely,

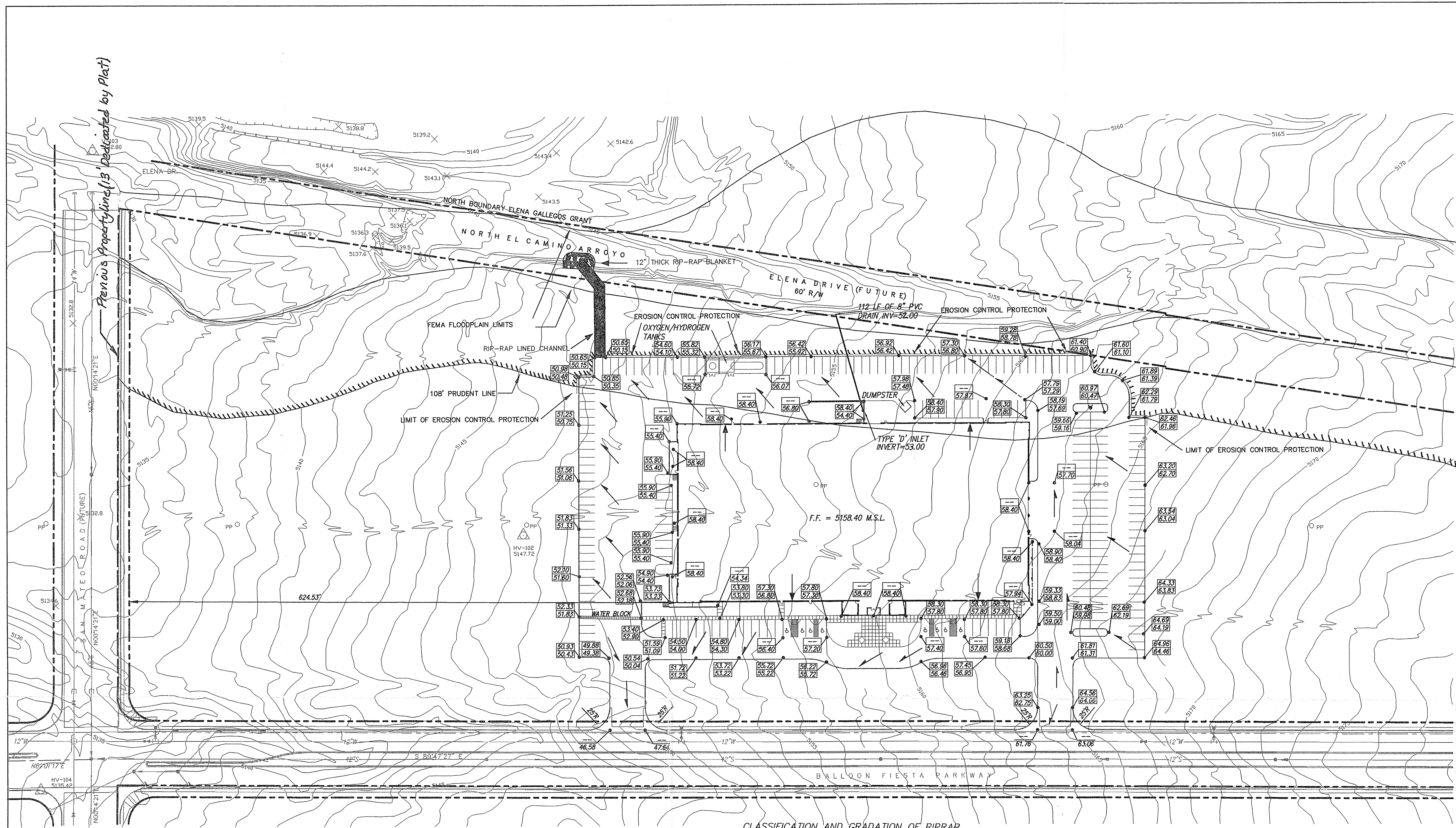

Lisa Ann Manwill
Engineering Assoc./Hyd.

c: Kurt Browning - AMAFCA
Andrew Garcia
File

Good for You, Albuquerque!

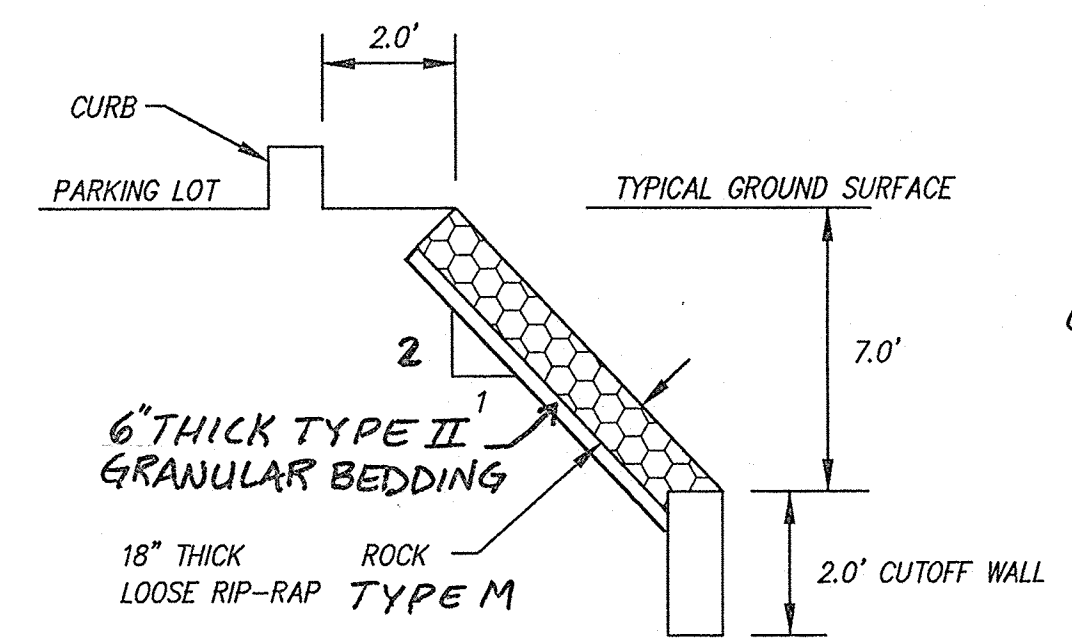
P.O. Box 1293, Albuquerque, New Mexico 87103





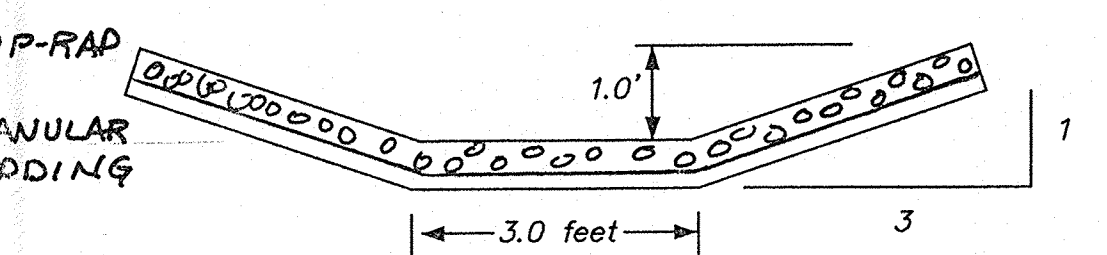
RIPRAP CLASSIFICATION & GRADATION			
RIPRAP DESIGNATION SIZE BY WT. MIN. DIMENSIONS (INCHES)			
SIZE BY WT.	MIN. DIMENSIONS (INCHES)	K _m	
100	18		
TYPE M	35 - 55	12	
	10	3	
K _m = MEAN PARTICAL SIZE			
AT LEAST 30% OF ALL STONES BY WEIGHT SHALL BE THIS DIMENSION.			

TYPE II GRANULAR BEDDING GRADATION	
U.S. STD. SIEVES SIZE	PERCENT PASSING BY WEIGHT SQUARE MESH SIEVES
3"	90-100
3/4"	20-90
#4	0-20
#200	0-3



3-27-97
INTELIM
EROSION PROTECTION — TYPICAL DETAIL
NOT TO SCALE

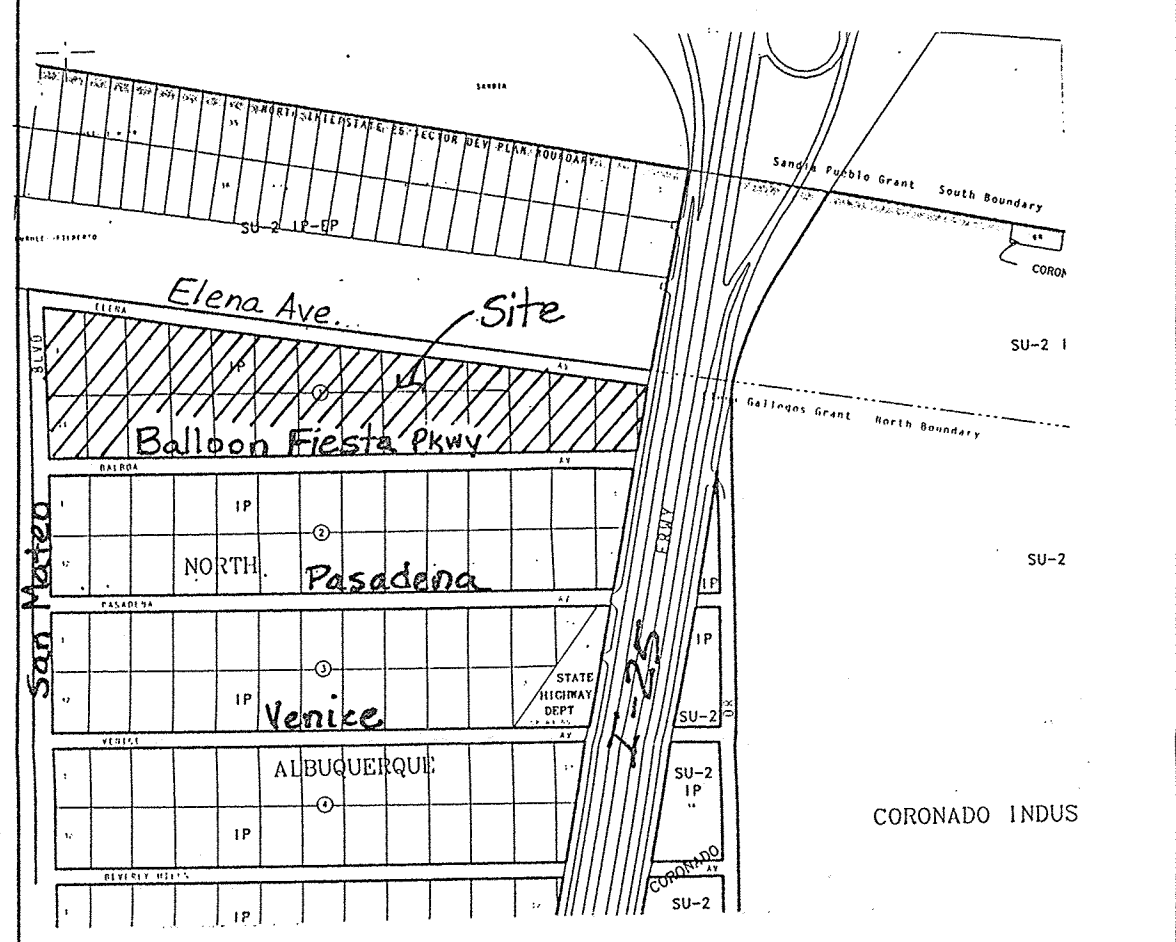
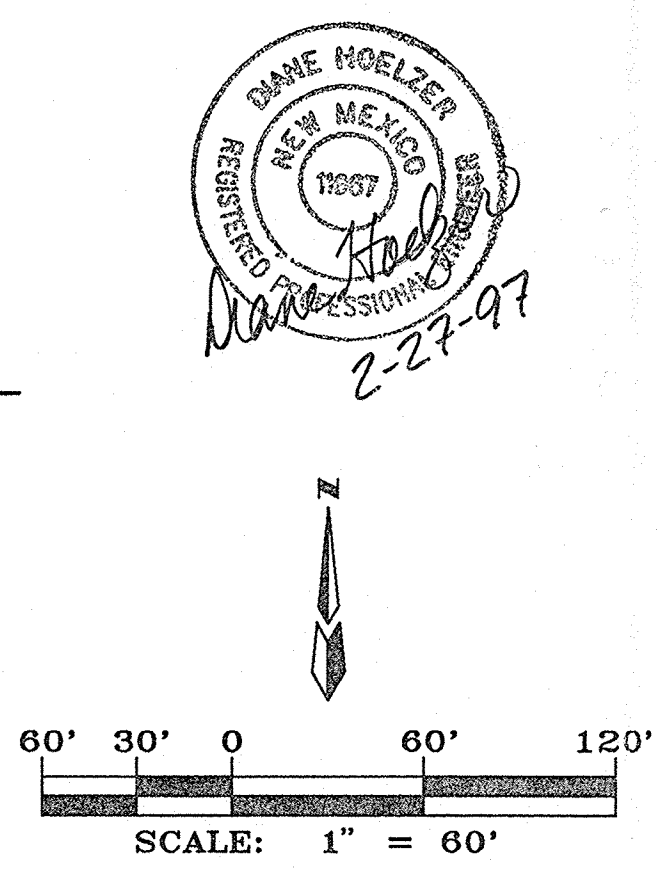
CLASSIFICATION AND GRADATION OF RIPRAP			
RIPRAP DESIGNATION	% SMALLER THAN GIVEN SIZE BY WEIGHT	INTERMEDIATE ROCK DIMENSION (INCHES)	MEAN PARTICAL SIZE (INCHES)
TYPE VL	70-100	12	6
	50-70	9	
	35-50	6	
	2-10	2	



RIP-RAP CHANNEL — TYPICAL DETAIL
NOT TO SCALE
Q = 15.4 CFS
SLOPE = 3.0 %
VELOCITY = 3.7 fps
DEPTH = 0.8'

YTB PE 3-27-97
AMAFCA ✓ DATE

ENC. PERMIT FORTHCOMING
KB 3-27-97

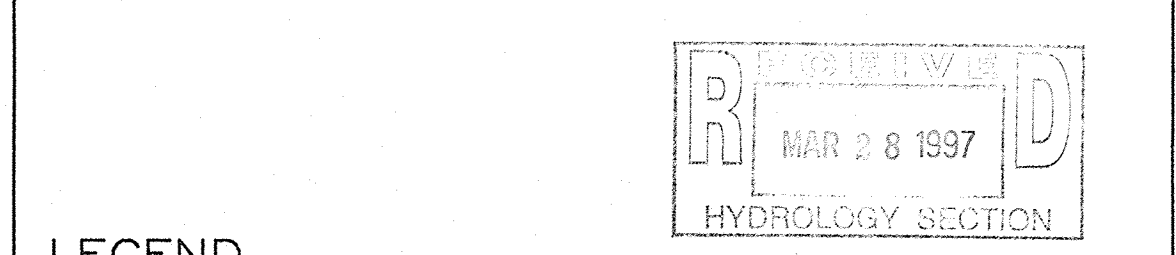


VICINITY MAP ZONE ATLAS B-18
SCALE: NONE

ACS BENCHMARK
Station is located 9 miles NE of downtown Albuquerque, approximately 0.6 miles west of the north end of the north-south runway of Coronado Airport.
To reach the station from the junction of State Road 556 and the I-15 Frontage Road (Alameda Interchange), go south on the West Frontage Road 0.4 miles to a dirt road leading west; then west on the dirt road 0.45 mile to the SW corner of a dirt tract and the station.
Station mark is a standard USGLO brass tablet stamped "USGLO, CC 11 12, T11N, R3E, 1920" riveted to an iron pipe around which has been poured a 12-inch concrete collar projecting 0.1 feet.

LEGAL DESCRIPTION
LOTS 1 THRU 24, BLOCK 1, TRACT "A", UNIT "B", NORTH ALBUQUERQUE ACRES

GENERAL NOTES
1. ESTIMATED MAXIMUM RUNOFF IN NORTH EL CAMINO ARROYO IS 1,800 CFS FOR THE 100-YEAR STORM EVENT.
2. SET BACK PRUDENT LINE IS 6 FEET PER 100 CFS FOR A TOTAL OF 108 FEET.
3. "||||||" INDICATES PRUDENT LINE SETBACK SHOWN AS A TEMPORARY DRAINAGE EASEMENT GRANTED TO AMAFCA by Plat.



LEGEND	
— 5170 —	EXISTING CONTOUR
77.85 77.45	EXISTING SPOT ELEVATION
68.02 67.52	NEW SPOT ELEVATION
—>—	FLOW DIRECTION (TYP.)
—>—	ROOF LEADER (TYP.)
— — — — —	PROPERTY LINE
— — — — —	EXISTING CURB AND GUTTER
— — — — —	PREVIOUS PROPERTY LINE
— — — — —	NEW CURB AND GUTTER
— — — — —	FIRE HYDRANT & GATE VALVE
— — — — —	SWALE

MCT INDUSTRIAL PARK
GRADING & DRAINAGE PLAN
D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS & SURVEYORS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 345-2010