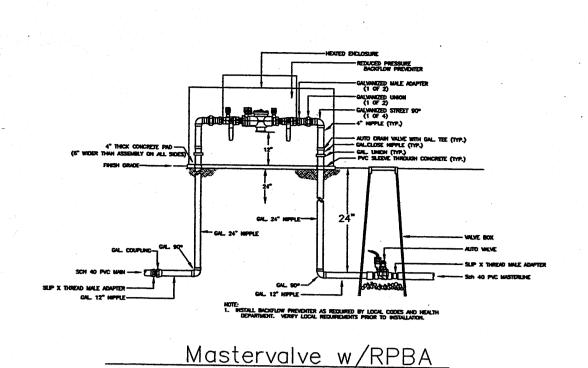


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PLANT LEGEND						
Qty.	Symbol	Scientific Name Common Name	Size	Water Use		
Trees			Oize	Water Use		
6		Crataegus phaenopyrum Washington Hawthorn	2" B&B	Medium+		
3	0	Forestiera neomexicana New Mexico Olive	15-Gal	Medium		
16		Fraxinus velutina 'Modesto' Modesto Ash	2" B&B	Medium +		
2	THE THE PARTY OF T	Pinus nigra Austrian Pine	5'-6'	Medium		
5	\odot	Pryus calleryana Flowering Pear	2" B&B	Medium +		
Shrubs/Groundcovers						
11	0	Caryopteris clandonensis Blue Mist	1-Gal	Medium		
21	\Diamond	Fallugia paradoxa Apache Plume	1-Gal	Low		
15	*	Hesperaloe parviflora Red Yucca	5-Gal	Low+		
21	0	Nepeta mussini Giant Catmint	1-Gal	Medium		
13	\bigcirc	Penstemon pinifolius Pineleaf Penstemon	1-Gal	Low+		
6		Prunus besseyi Western Sand Cherry	5-Gal	Medium		
20	\otimes	Rhaphiolepsis indica India Hawthorn	5-Gal	Medium		
18		Rhus trilobata Three-leaf Sumac	1-Gal	Low+		
18	*	Rosmarinus officinalis Rosemary	5-Gal	Low+		
	nental Gra					
20		Miscanthus sinensis 'Gracillimus'	5-Gal	Medium		

SITE DATA

GROSS LOT AREA LESS BUILDING(S) NET LOT AREA

59,256.70 SF 21,700.00 SF 37,556.70 SF

5.633.51 SF 8.627.00 SF

____23%____

REQUIRED LANDSCAPE 15% OF NET LOT AREA PROPOSED LANDSCAPE PERCENT OF NET LOT AREA

REQUIRED STREET TREES PROVIDED AT 30' O.C. SPACING ALONG STREET 23 **REQUIRED PARKING LOT TREES** PROVIDED AT 1 PER 10 SPACES (90 SPACES/10) 9

PLANTING RESTRICTIONS APPROACH

A MINIMUM OF 80% OF THE PLANTINGS TO BE LOW OR MEDIUM WATER USE PLANTS A MAXIMUM OF 20% OF THE LANDSCAPE AREA TO BE HIGH WATER USE TURF

NOTE

MAINTENANCE OF LANDSCAPE AND IRRIGATION PROVIDED BY OWNER

PLANTINGS TO BE WATERED BY AUTO. DRIP IRRIGATION SYSTEM WITH REDUCED PRESSURE BACKFLOW PREVENTER (WILKINS MODEL 975) PER CITY OF ALBUQUERQUE

WATER MANAGEMENT IS THE SOLE RESPONSIBILITY OF THE PROPERTY OWNER

THIS PLAN IS TO COMPLY WITH C.O.A. LANDSCAPE AND WATER WASTE ORDINANCE PLANTING RESTRICTIONS APPROACH

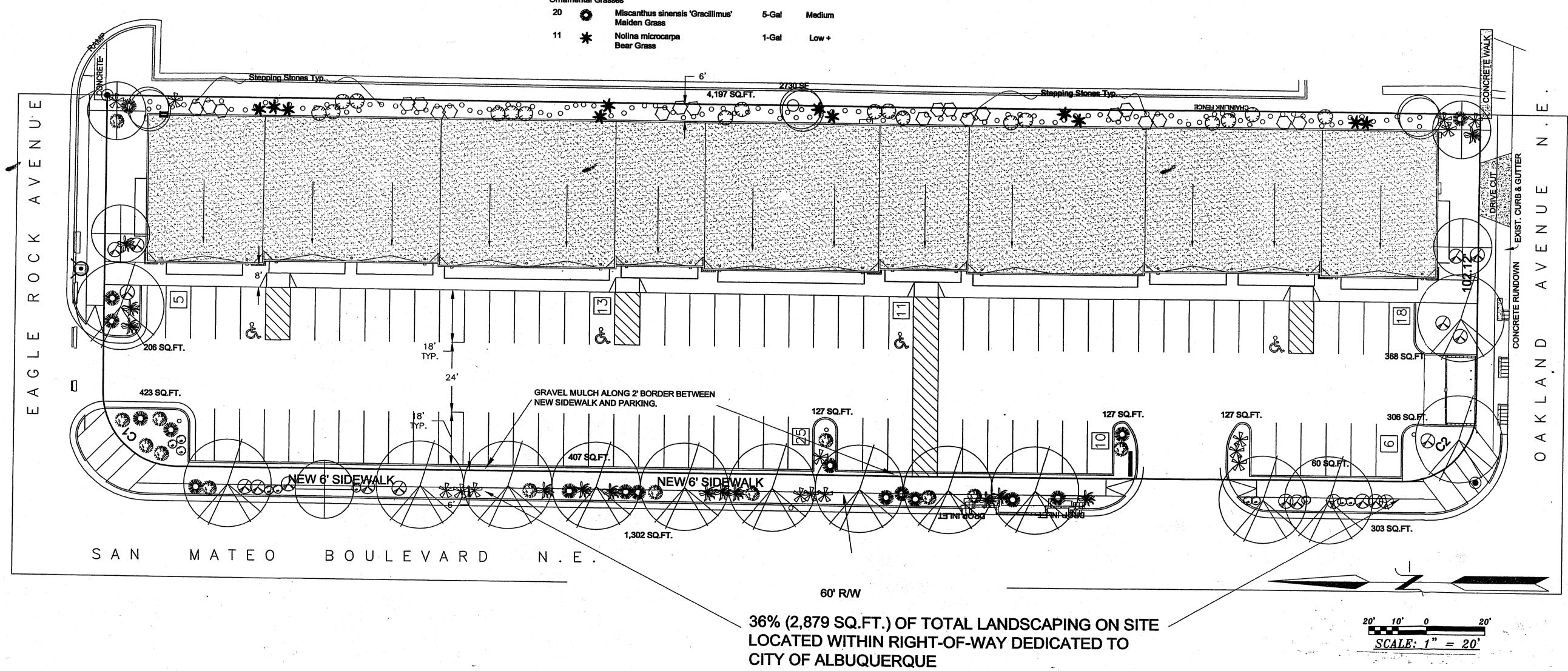
IT IS THE INTENT OF THIS PLAN TO PROVIDE MIN. 75% LIVE GROUNDCOVER OF LANDSCAPE AREAS

LANDSCAPE AREAS TO BE MULCHED WITH GRAVEL MULCH AT 2"-3" DEPTH OVER FILTER FABRIC

APPROVAL OF THE LANDSCAPE PLAN DOES NOT CONSTITUTE OR IMPLY COMPLIANCE WITH, OR EXEMPTION FROM, THE C.O.A LANDSCAPE AND WATER WASTE ORDINANCE

TREES ARE NOT TO BE PLACED IN PUBLIC UTILITY EASEMENTS

NO PARKING SPACE SHALL BE MORE THEN 50' FROM A TREE (NORTH I-25 SECTOR DEV. PLAN)





P.O. BOX 10597 Albuquerque, NM 87184 505.898.9615 505.898.2105 (fax) design@hulc.com



2 OF 4

_DESIGN COLLABORATIVE

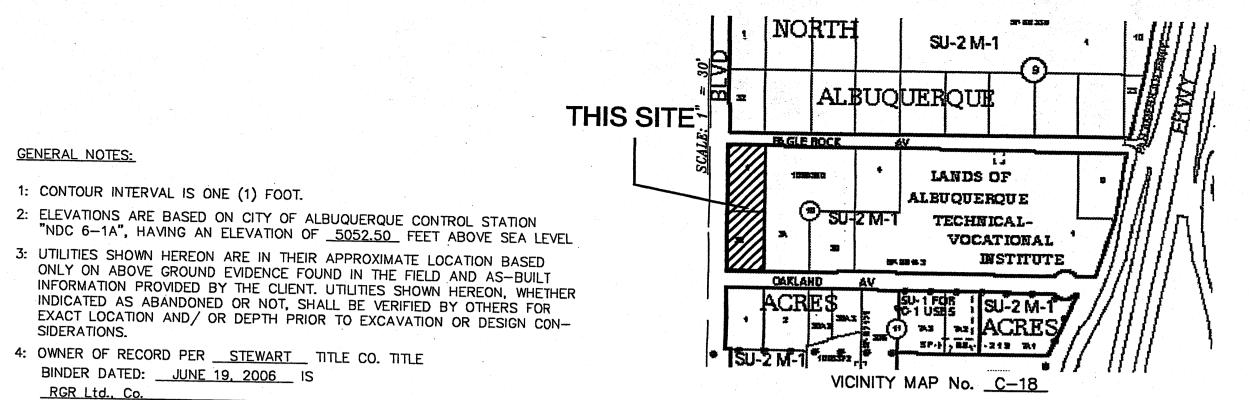
	<u> </u>					
JOB TITLE:						
CUNADO RETAIL CENTER						
REVISION:	FILE NAME	JOB NO.	DATE			
10/19/06			7/11/06			
SHEET TITLE:	DRAWN BY					
LANDSCAF	J.C.					

A.L.T.A / A.C.S.M. LAND TITLE SURVEY with TOPOGRAPHY

> LOT 32A, BLOCK 10 TRACT A, UNIT B NORTH ALBUQUERQUE ACRES CITY OF ALBUQUERQUE BERNALILLO COUNTY, NEW MEXICO JULY, 2006

LEGAL DESCRIPTION:

LOT NUMBERED THIRTY-TWO (32) OF BLOCK NUMBERED TEN (10), NORTH ALBUQUERQUE ACRES, TRACT A, UNIT B, BERNALILLO COUNTY, NEW MEXICO AS THE SAME IS SHOWN AND DESIGNATED ON THE PLAT THEREOF, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO



RGR Ltd., Co. 5: LEGAL DESCRIPTION AND EASEMENTS SHOWN WAS PROVIDE BY STEWART TITLE CO. COMMITMENT No. 6060427

6: PLATS USED TO ESTABLISH BOUNDARY.

4: OWNER OF RECORD PER STEWART TITLE CO. TITLE

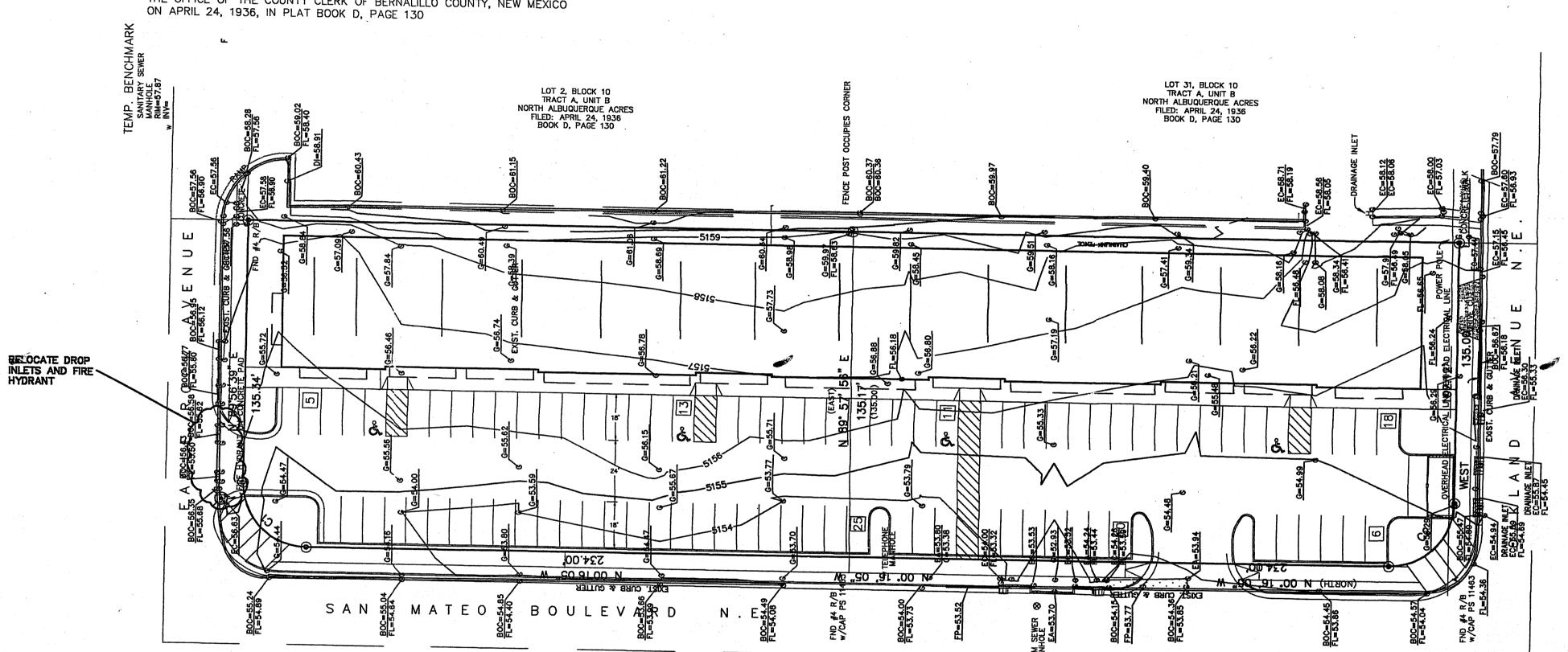
A: PLAT OF NORTH ALBUQUERQUE ACRES FILED: APRIL 24, 1936 IN BOOK D, PAGE 130

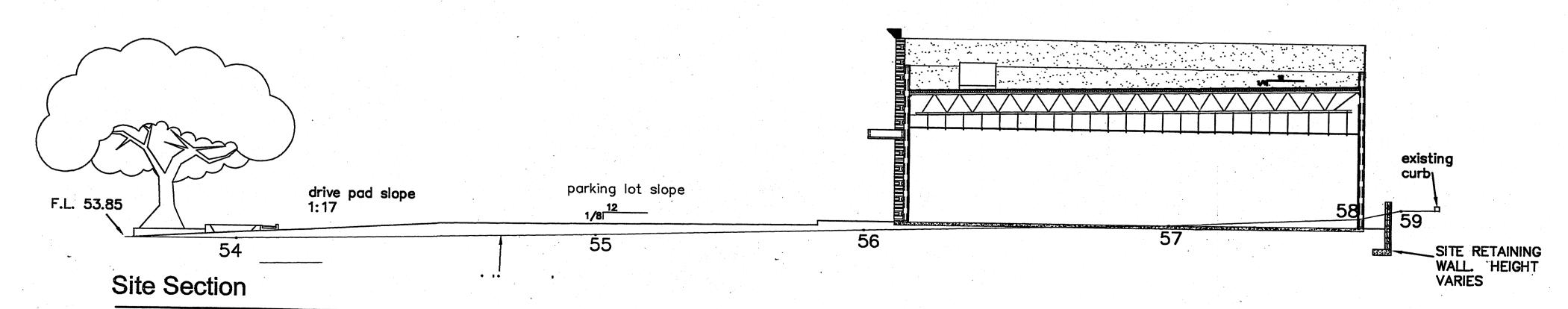
7: FIELD WORK PERFORMED ON: JUNE, 2006

BINDER DATED: JUNE 19, 2006 IS

GENERAL NOTES:

1: CONTOUR INTERVAL IS ONE (1) FOOT.





SCALE: $\frac{1}{8}$ " = 1'-0"

GENERAL NOTES

- 1. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE LOCATION OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AS SOON AS POSSIBLE TO RESOLVE THE CONFLICT WITH A MINIMUM AMOUNT OF DELAY.
- 2. ALL WORK ON THIS PLAN SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS
- ONLY, AND LINES MAY EXIST WHERE NONE ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE UTILITY OWNER OR FROM EXISTING UNDERGROUND FACILITIES. IN PLANNING AND CONDUCTING EXCAVATIONS, THE CONTRACTOR SHALL COMPLY WITH ALL STATE STATUTES, MUNICIPAL AND
- 4. THE CONTRACTOR SHALL INSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AND BY WETTING THE SOIL TO KEEP IT FROM BLOWING.
- 5. THE CONTRACTOR SHALL OBTAIN ANY AND ALL PERMITS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE COMPLETION OF THE WORK PRIOR TO BEGINNING CONSTRUCTION.

GRADING/DRAINAGE PLAN **CUNDADO RETAIL CENTER IS CONTAINED** HEREON THE FOLLOWING ITEMS CONCERNING 1. VICINITY MAP

2. DRAINAGE CALCULATIONS

CUNADO RETAIL CENTER, SAN MATEO N.E. BUILDING AREA = 0.521 ACRES (22,702 SF) LANDSCAPE AREA = 0.120 ACRES (5,227 SF) PARKING/ASPHALT AREA = .811 ACRES (35,340 SF)

TOTAL SITE = 1.45 ACRES (63,269 SF)

PRECIPITATION: 360 = 2.35 IN. 1440 = 2.75 IN. 10DA = 3.95 IN

EXISTING CONDITIONS: PROPOSED CONDITIONS: TREATMENT A TREATMENT B OAC. 0.120 AC. TREATMENT C 0 AC. 1.33 AC. TREATMENT D **EXCESS PRECIPITATION** PEAK DISCHARGE: TREATMENT A CFS/AC. 1.56 TREATMENT B 0.78 IN. CFS/AC. 2.28 TREATMENT C 1.13 IN. CFS/AC. 3.14 TREATMENT D 2.12 IN. CFS/AC. 4.07

EXISTING EXCESS PRECIPITATION:

WEIGHTED E = $(0.53 \times 0)+(.78 \times .178)+(1.13 \times 0)+2.12 \times 4.22)=1.034$ IN. V100 = 1.04(0.6/12)=.0.517 AC.FT.

EXISTING DISCHARGE:

WEIGHTED E = 0.6(0.53) = 0.4 CFS V100 = .4(0.6/12)=.0.05 AC.FT.

PROPOSED PEAK DISCHARGE

Q100 = 0+0.178(2.28)+0+4.22(4.7) = 2.39 CFS BENCHMARK:

PROJECT BENCHMARK OF 57.87 LOCATED AT SANITARY SEWER MANHOLE NEAR NORTHWEST CORNER OF PROPERTY

EROSION CONTROL MEASURES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MANAGEMENT OF STORM RUN-OFF DURING CONSTRUCTION, HE/SHE SHALL ASSURE THAT THE

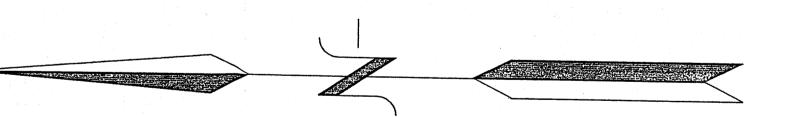
A. ADJACENT PROPERTY SHALL BE PROTECTED AT ALL TIMES BY TEMPORARY BERMS, DIKES, SWALES, AND OTHER TEMPORARY GRADING AS REQUIRED TO PREVENT STORM RUN-OFF FROM LEAVING THE SITE AND ENTERING ADJACENT PROPERTY.

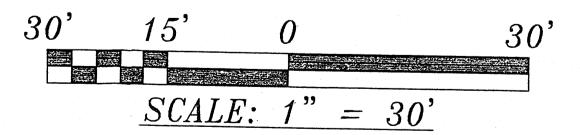
B. ADJACENT PUBLIC RIGHT-OF-WAY SHALL BE PROTECTED AT ALL TIMES FROM STORM WATER RUN-OFF FROM THE SITE. NO SEDIMENT BEARING WATER SHALL BE PERMITTED TO ENTER THE PUBLIC STREETS.

AS SHOWN BY THE VICINITY MAP, THE SITE CONTAINS 1.45 ACRES AND IS LOCATED EAST OF SAN MATEO RD N.E. AND NORTH OF OAKLAND AVE. N.E. THE SITE IS NOT LOCATED WITHIN A DESIGNATED FLOOD ZONE.

PROPOSED CONDITIONS

PROJECT TO DETAIN RUN OFF ON SITE IN COLLECTION BASINS AND CONTROL FLOW (RATE EQUAL TO 1.76 CFS / ACRE) OUT TO EXISTING COA DROP







THE ART AND SCIENCE OF MODERN BUILDINGS

JOB TITLE: CUNADO RETAIL CENTER FILE NAME JOB NO. DATE REVISION: 10/19/06 7/11/06 DRAWN BY

PRELIMINARY GRADING G.O.

