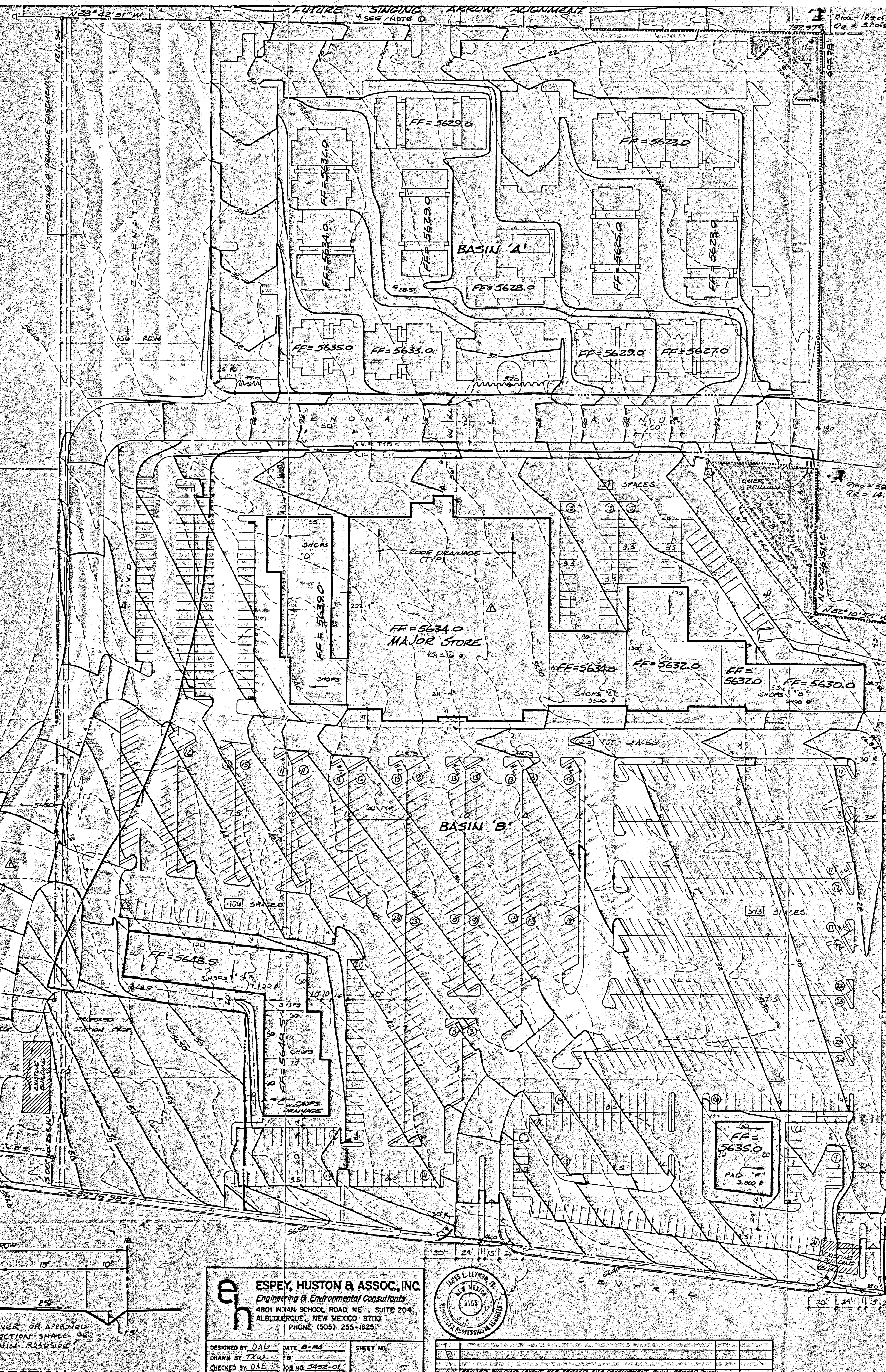
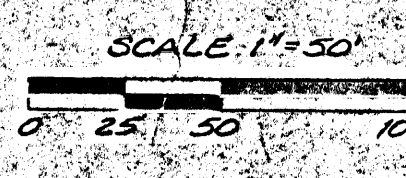




BENCH MARK

ACS BENCH MARK 2-125 LOCATED 101.5 FT WEST OF
CENTRAL AVE. 20' NORTH OF THE
CENTERLINE OF CENTRAL AVE. A STANDARD BESS
12" SET 1" ON TOP OF CONCRETE CURB, STAMPED
12-25-97
ELEVATION = 5659.63 FEET (MSL)



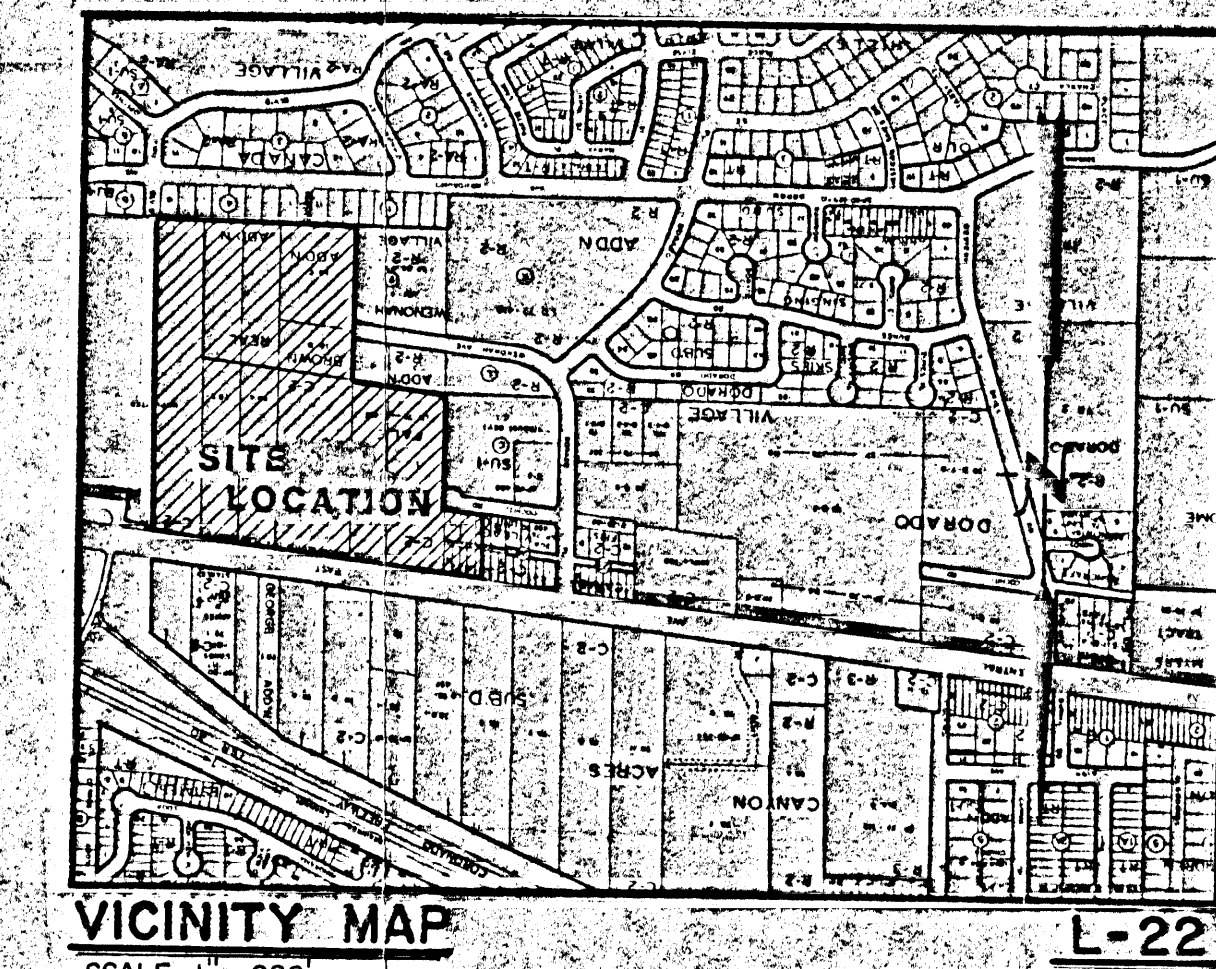
LEGEND

- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING WALL
- PROPOSED RETAINING WALL
- SWALE
- WATER BLOCK
- POND
- BASIN BOUNDARY

LEGAL DESCRIPTION

PORTIONS OF: FALE ADDITION, UNIT 1;
CANADA VILLAGE, FIRST UNIT, HARTMAN-
BROWN ADDITION, CAMINO REAL;
AND UNPLATTED LANDS.

NOTES:
1. STREET GRADES FOR SINGING ARROW DR.
SHALL BE SUBMITTED AT BUILDING
PERMIT STAGE OF APARTMENT SITE.



VICINITY MAP
SCALE: 1" = 800'

CONCEPTUAL DRAINAGE PLAN
This drainage plan is conceptual in nature and attempts only to
demonstrate the proposed drainage scheme. No attempt is made to
give specific detail to proposed drainage structures. The final
Grading and Drainage Plan will provide necessary detail.

This Conceptual Drainage Plan shows: 1) existing and proposed
elevations indicated by contours and spot elevations at 2'-0" intervals;
2) proposed buildings, parking areas, landscaped areas, drainage
patterns, and ponding areas.

The proposed improvements are located on Central Ave. S.E. at
Tramway Blvd. N.E. The site is approximately 29.3 acres in size,
and is to be developed as a shopping center with an adjoining
apartment complex. Public right-of-way will be dedicated for
Tramway Blvd. and Camino Real, leaving a net area of approximately
25.0 acres.

As shown by Plate L-22 of the Albuquerque Master Drainage Study,
Volume II, this site does not lie within a designated Flood Hazard
Zone. No off-site flows enter the site.

A downstream analysis was performed to determine the capacity of
the downstream drainage system. It was determined that residential
developed acre within the drainage basin, this project to a
discharge of 25.0 cfs for this development.

As shown by the plan, all storm water will be routed overland
within the site to several detention ponds. These ponds will drain
at a controlled rate to their respective discharge points. All
ponds will be provided with emergency overflow spillways and
erosion protection.

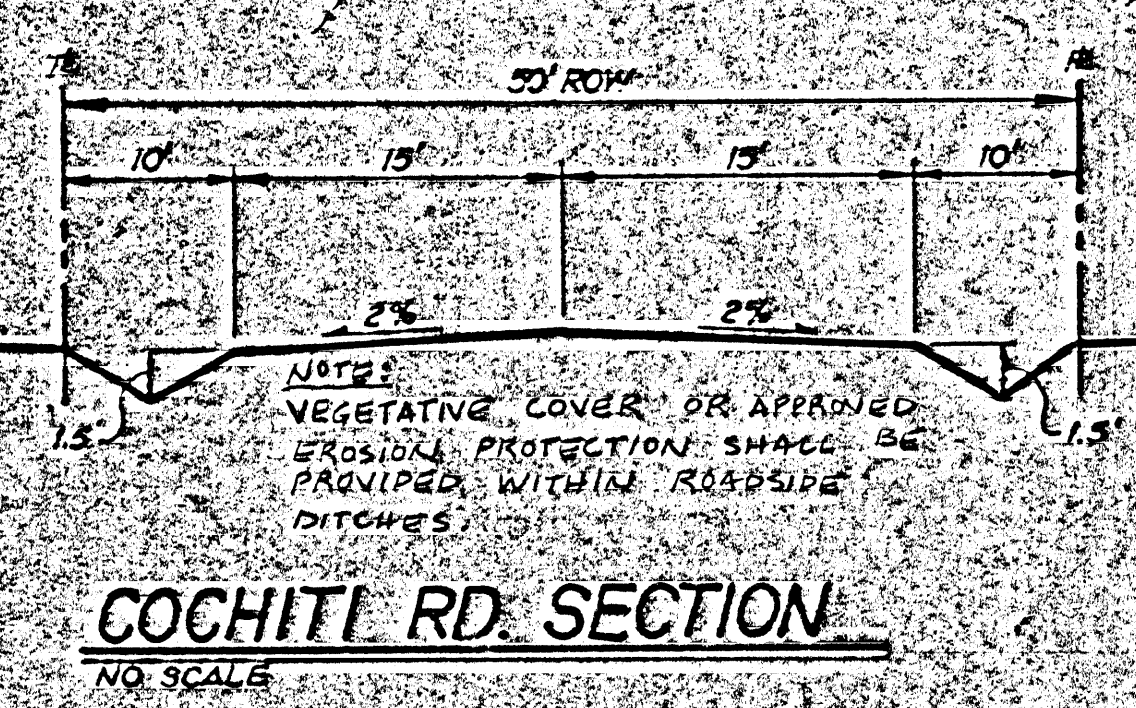
Erosion will not result due to this development as all exposed soil
will be landscaped or paved. Temporary erosion control measures
placed along the south and west property lines. Temporary erosion
control will remain in place until the permanent drainage
facilities are completed.

The calculations shown below analyze the 100-year and 10-year
design storms for the existing and developed conditions. The
Rational Method of estimating runoff is utilized as outlined in the
Development Process Manual, Volume II, Chapter 22.

For further information regarding downstream analysis, see separate
submittal to City Hydrology.

CALCULATIONS

EXISTING CONDITION	
DESIGN CRITERIA	
100-YR. STORM	11.03 IN/H
10-YR. STORM	11.03 IN/H
100-YR. STORM	11.03 IN/H
10-YR. STORM	11.03 IN/H
100-YR. STORM	11.03 IN/H
10-YR. STORM	11.03 IN/H
DEVELOPED CONDITION	
DESIGN CRITERIA	
100-YR. STORM	11.03 IN/H
10-YR. STORM	11.03 IN/H
100-YR. STORM	11.03 IN/H
10-YR. STORM	11.03 IN/H
100-YR. STORM	11.03 IN/H
10-YR. STORM	11.03 IN/H



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PHONE: (505) 255-1625

DESIGNED BY: DAL
CHECKED BY: DAL
APPROVED BY: DAL

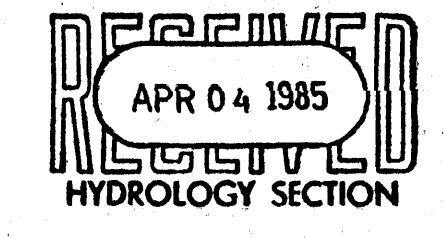
DATE: 8-84
JOB NO: 5452-CL

SHEET NO: 1
OF: 1



NO.	REVISIONS	DATE
1	REVISED PER COMMENTS	8-84

Conceptual approval
Date 4-4-98
for site Development plan



job title FOUR HILLS VILLAGE SHOPPING CENTER
AND PLANNED RESIDENTIAL DEVELOPMENT

PROJECT COORDINATOR
GEORGE RAINBART

job no
1484

date
8/29/84

sheet title
GRADING AND DRAINAGE

by

de la to me • rainhart, pa
architects

521 indian school road ne, suite 141
albuquerque, nm 87110-5058

sheet #
C1