

# DRAINAGE PLAN

## SCOPE:

Pursuant to the latest City of Albuquerque Ordinance, the Drainage Plan shown hereon outlines the drainage management criteria for controlling developed runoff on and exiting the project site. One small building addition (28' x 32') is proposed for the subject property with repavement at the northeast corner of the site from asphalt to concrete for structural stability and associated access, parking and landscaping.

## EXISTING CONDITIONS:

Presently the 5.23 acre site is fully developed. The site is bounded on the north by Marble Avenue, on the east by Sixth Street, on the south by Lomas Boulevard and on the west by Seventh Street. Site topography slopes from the existing building in all directions away from the building. Per FEMA Map Panel No. 334, dated 1996, and FEMA Map Panel No. 28, dated 1983, the site is not located in a 100-year floodplain. No offsite flows enter the site.

## PROPOSED CONDITIONS:

As shown by the plan, the building addition is located along the west side of the existing building. The building addition replaces an existing concrete pad. On site flows will continue to drain around the building in the same manner they are presently flowing. All roof drainage will continue to discharge from the roof to the lot and be directed around the structure to existing drainage paths.

Supplemental calculations have been provided to the City of Albuquerque Hydrology Department.

## CALCULATIONS:

The calculations shown hereon define the 100 year-6 hour design storm falling within the project area under existing and developed conditions. The Hydrology is per "Section 22.2, Hydrology of the Development Process Manual, Volume 2, Design Criteria, for the City of Albuquerque, New Mexico in cooperation with Bernalillo County, New Mexico and the Albuquerque Metropolitan Arroyo Flood Control Authority.

## PROPERTY ADDRESS:

725 Sixth Street NW

## BENCH MARK:

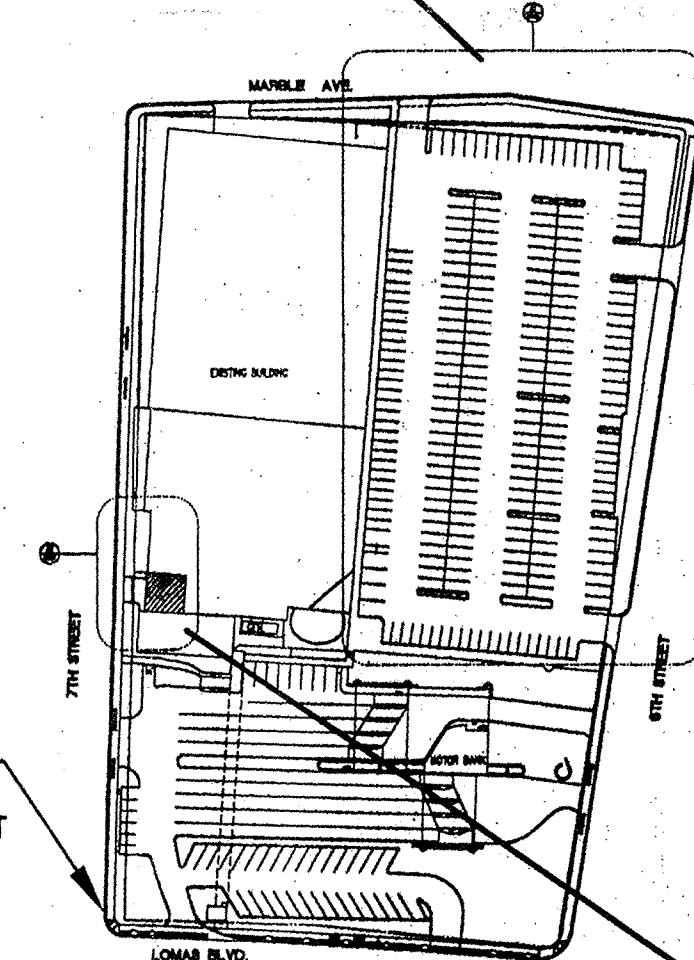
ACS Bench Mark 17-J14, 1983.  
Elevation = 4954.83 feet.  
An aluminum cap set in top of concrete located at the intersection of Eighth Street and Lomas Boulevard in west median.

## GRADING AND DRAINAGE PLAN CERTIFICATION:

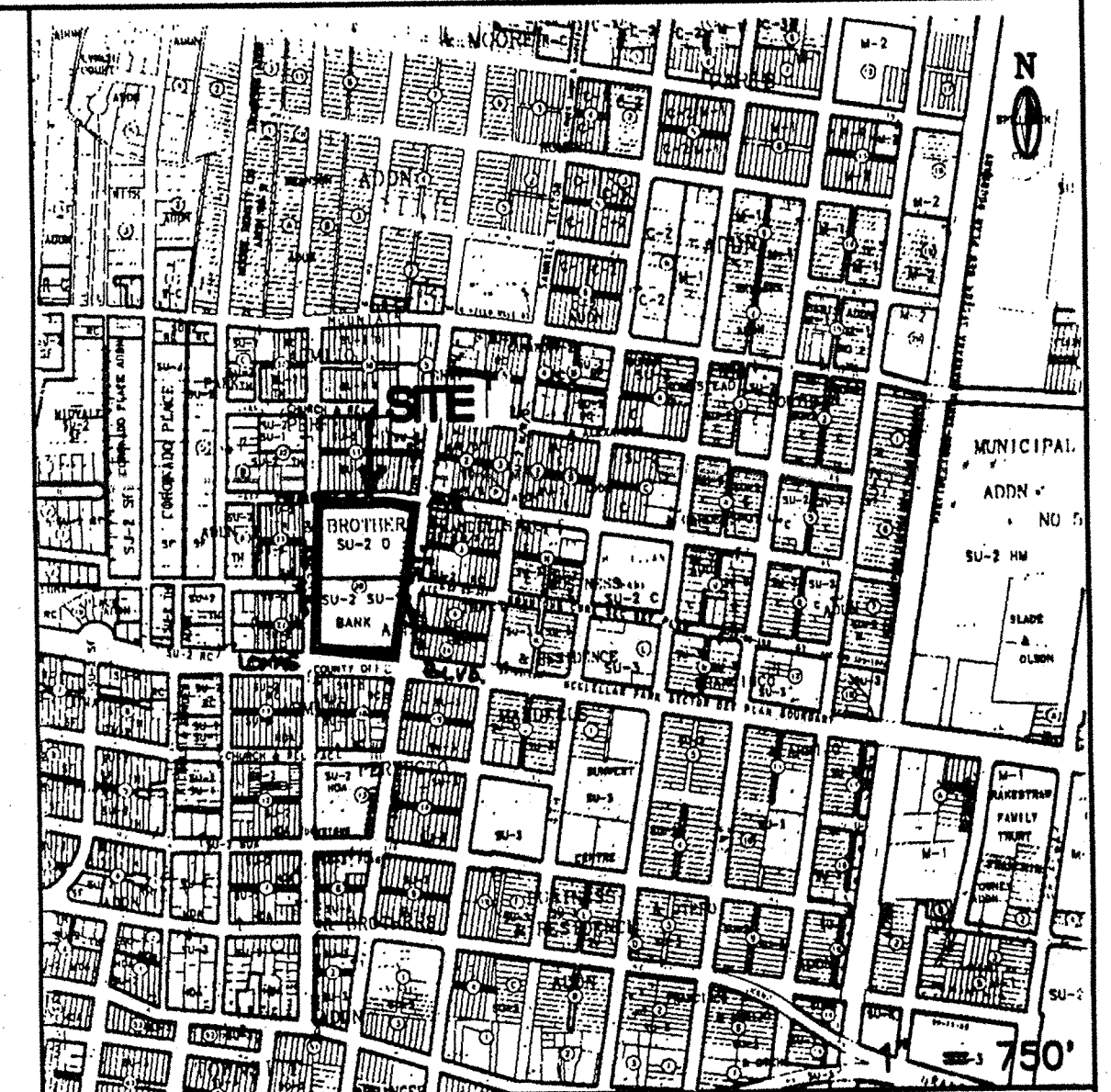
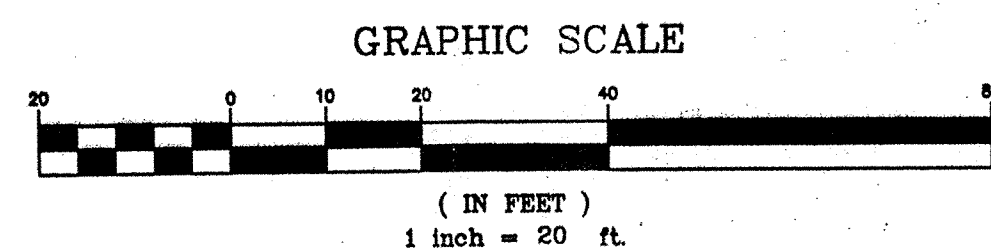
The completed Grading and Drainage Plan substantially complies with the approved Grading and Drainage Plan.

Jackie S. McDowell, P.E.  
NMPE #10903  
Date 4-3-98

PROJECT TBM=FOUND NAIL ON NORTHEAST CORNER OF DROP INLET EAST OF 7TH STREET. ELEV. = 4954.10'



KEY MAP



VICINITY MAP

ZONE ATLAS: J-14

## GENERAL NOTES

A. FINISH GRADING OF NEW PAVEMENT SHALL MATCH EXISTING UNLESS NOTED OTHERWISE.

## LEGEND

- 6" CONC. SLAB W/ #5 @ 12" O.C. EA. WAY OVER 12" AGGREGATE BASE COURSE
- 4" CONC. SLAB W/ #4 @ 16" O.C. EA. WAY OVER 12" AGGREGATE BASE COURSE
- NEW CONCRETE WALK
- PLANTING BED (SOIL)
- EXISTING GRADE ELEVATION, FIELD VERIFY
- NEW FINISH GRADE
- TOP OF CURB
- FLOW LINE

FF=4956.4 AS-BUILT INFO.

Jackie S. McDowell  
7-18-97

CITY OF ALBUQUERQUE, BERNALILLO COUNTY NEW MEXICO

BLOCKS 23 & 28  
PERFECTO ARMIJO AND BROTHERS ADD'N

NATIONS BANK GRADING & DRAINAGE PLAN

McDowell Engineering Inc.

Designed JSM Drawn STAFF Checked JSM Sheet 1 of 1  
File SMP0197T Date JULY, 1997