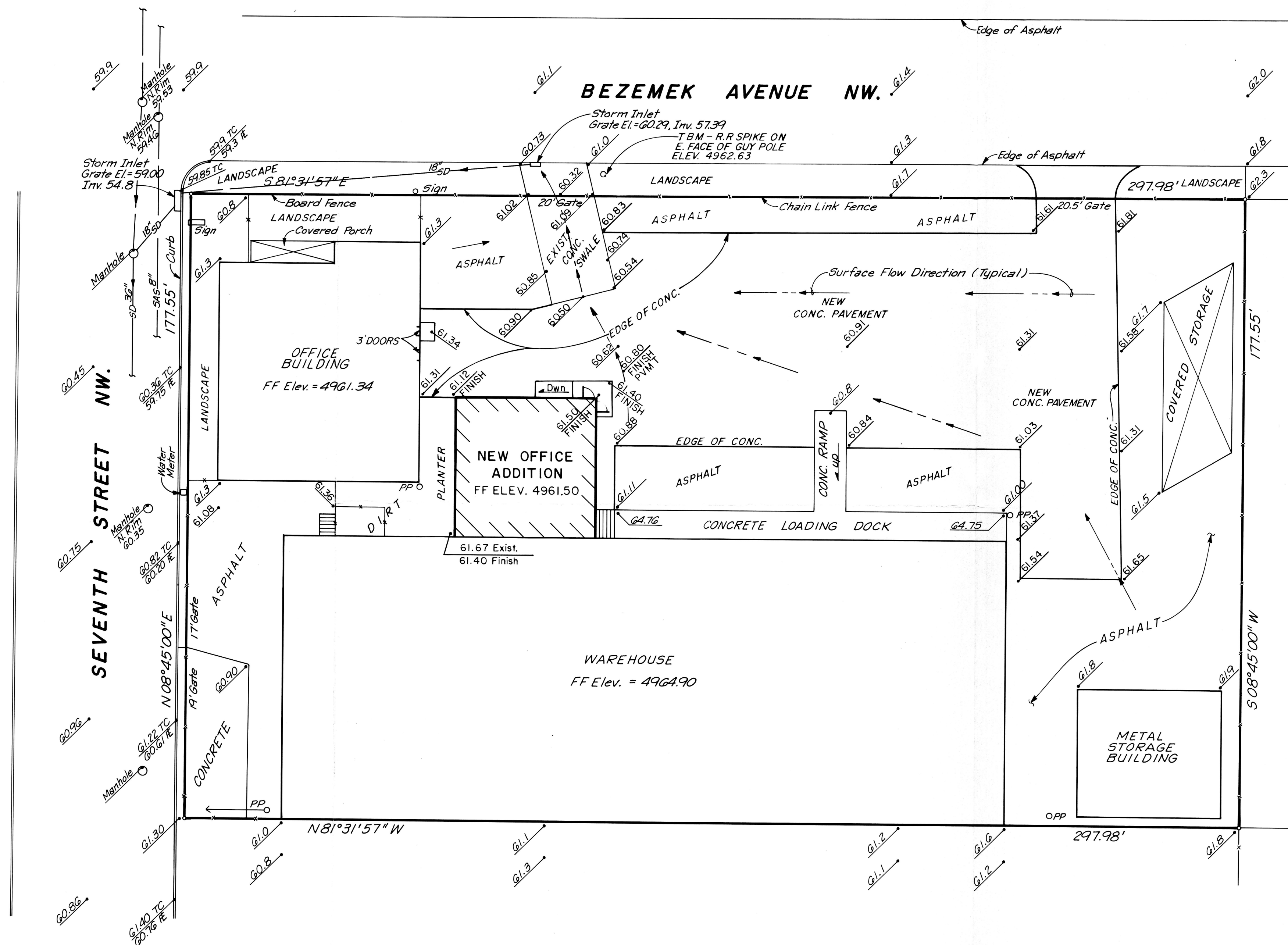


SCALE: 1" = 20'



DESCRIPTION

Lots numbered One (1), Two (2) and Three (3), Block numbered Eight (8) Plat of Blocks 8 and 9 of the BEZEMEK ADDITION to the City of Albuquerque, New Mexico as the same is shown and designated on said plat thereof, filed in the Office of the County Clerk of Bernalillo County, New Mexico on June 12, 1947; Volume D, Folio 14.

PERMANENT BENCHMARK

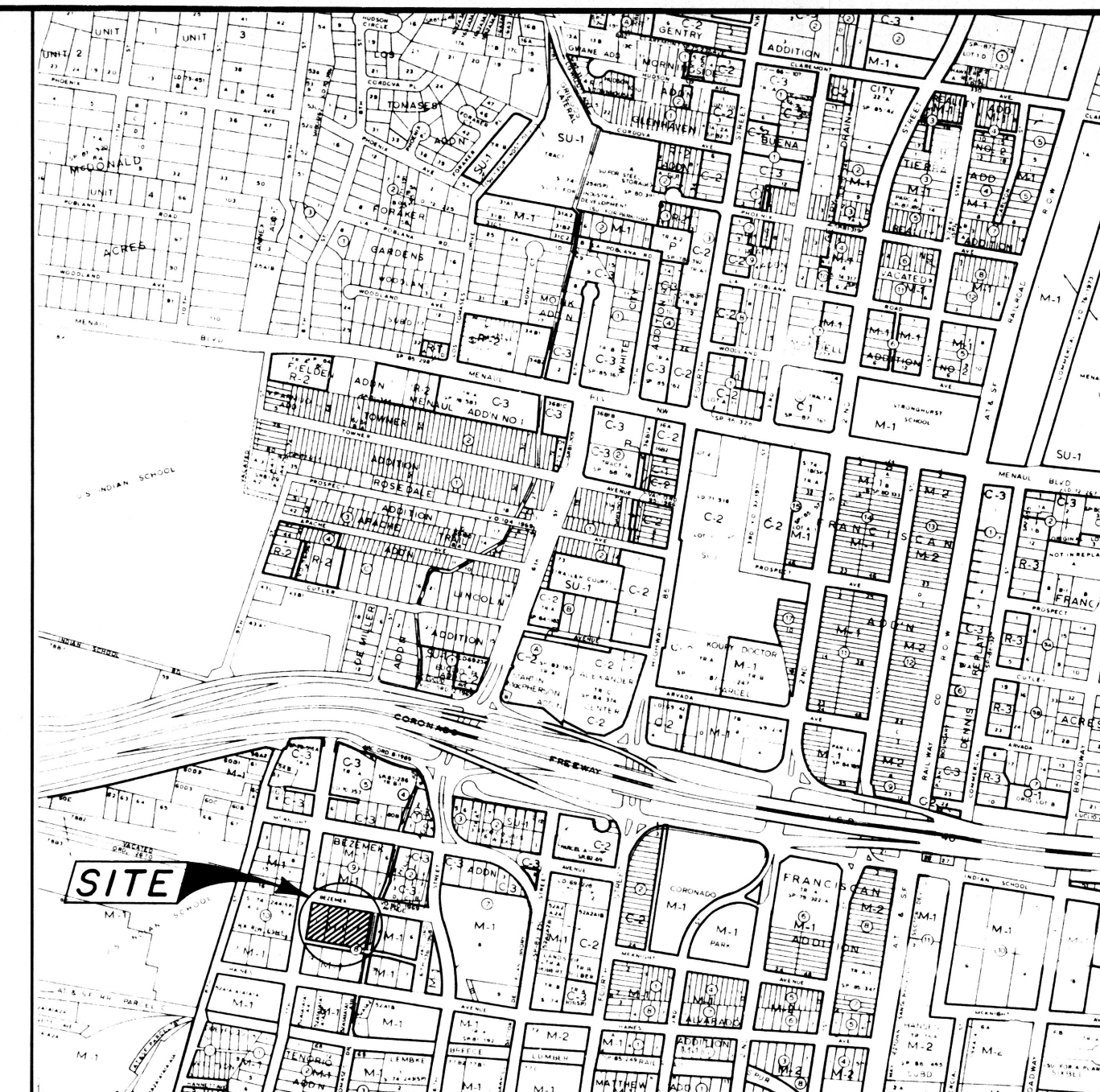
A 3 1/2" N.G.S. Brass Cap stamped "C-424 1982". Drilled into concrete bridge pillar. Located in the northwest quadrant of west bound I-40 and Fourth Street, set vertically in the north face of the most northerly of 3 piers of the west bound overpass of Fourth Street, 49.7 feet west of centerline Fourth Street and 3.8 feet above ground. Elevation = 4966.899

TEMPORARY BENCHMARK

R.R. Spike on east face of power pole, south side of Bezemek Avenue NW. East of Seventh Street NW., Elevation = 4962.63

NOTE

All existing improvements information shown hereon was taken from topographic survey plat prepared by Southwest Surveying Company, Inc., dated October 15, 1992.



VICINITY MAP

ZONE ATLAS MAP H-14
NO SCALE

DRAINAGE ANALYSIS

GENERAL

The area on which the office building addition is to be constructed is presently improved with an existing asphalt paved parking lot.

During the time the office building is being constructed the owner is also replacing portions of the existing asphalt pavement with concrete pavement as shown hereon. Also landscaping is to be provided where shown.

The grading, drainage patterns and impervious areas are to remain basically the same after the building addition and other improvements are constructed as under the existing conditions prior to the improvements. The new office building will be constructed where asphalt pavement exists.

Major portion of storm water currently drains to an existing drop inlet in Bezemek Avenue north of the site. The drainage for this site is considered free discharge. This drainage pattern will not be disturbed with the construction of the office addition.

No Drainage Report is currently on file at City of Albuquerque's Hydrology Section. The tract is not located in a flood plain. The area of the office building addition = 40' x 40' = 1600 sq.ft.

COMPUTATIONS

SOURCE: SECTION 22.2, HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL, VOLUME 2, DESIGN CRITERIA FOR THE CITY OF ALBUQUERQUE, NEW MEXICO, AUGUST 1991.

DRAINAGE AREA CHARACTERISTICS

Tract Area = 1.2145 Acres
(Entire Area is considered Land Treatment "D")

Tract is located in Precipitation Zone 2.

Time of Concentration = 12 minutes

Peak Discharge = 4.70 cfs/acre

Excess Precipitation = E = 2.12 inches

Existing Conditions

Rate of Runoff = (1.2145) x (4.70) = 5.7 cfs

Volume of Runoff = (2.12/12) x (1.2145) = 0.2146 Ac.ft.

Revised Developed Conditions

Rate of Runoff = (1.2145) x (4.70) = 5.7 cfs

Volume of Runoff = (2.12/12) x (1.2145) = 0.2146 Ac.ft.



11-30-92
12-14-92
John A. Andrews

ALBUQUERQUE CHEMICAL CO., INC.

OFFICE BUILDING ADDITION

GRADING AND DRAINAGE PLAN

ANDREWS, ASBURY & ROBERT, INC.
ALBUQUERQUE CONSULTING ENGINEERS NEW MEXICO

FILE NO. 92-652	DRAWN TL	CHECKED JA	DATE Nov. 1992	SHEET 1	OF 1
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