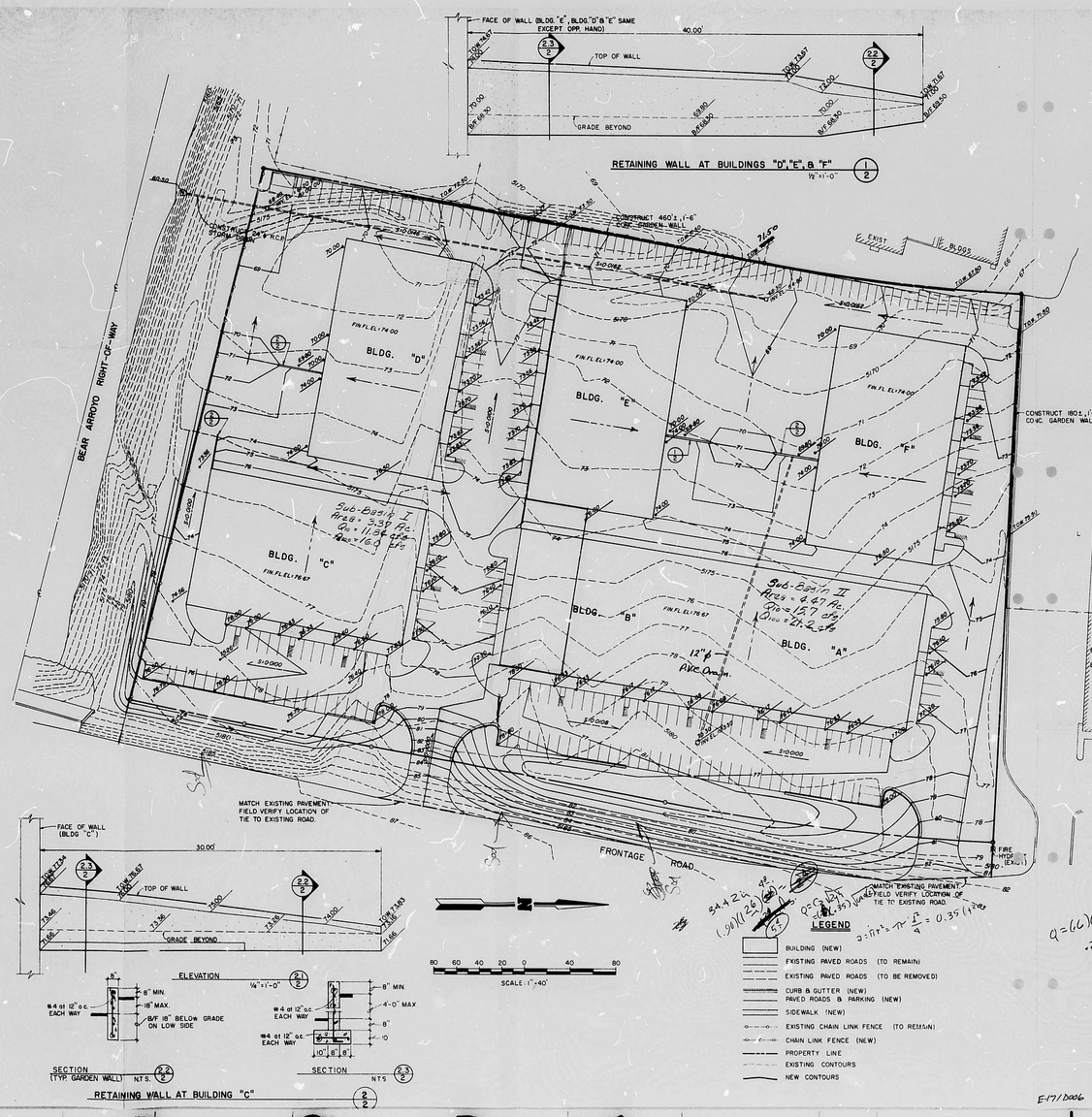
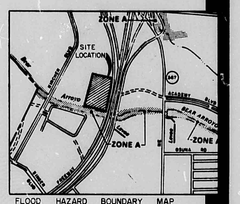
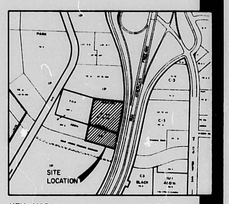




FLOOD HAZARD BOUNDARY MAP



KEY MAP E-17-Z

TEMPORARY BENCH MARK - LOCATED ON SOUTH BONNET BOLT TOP OF FIRE HYDRANT, LOCATED AT N.E. PROPERTY CORNER.
MEAN SEA LEVEL ELEVATION = 5181.45

DRAINAGE PLAN

The proposed development is located immediately west of the west frontage road of Interstate 25, and immediately north of the Bear Arroyo, and is not located adjacent to or in a 100-year flood hazard area. Development of the site will include five seperate office - warehouse complexes with associated parking, access, landscaping and dock loading facilities.

The project site is presently undeveloped with a two or three percent slope from east to west. Grades immediately east of the site are as high as 30 percent. Major upstream flows are prevented from entering the site by the existing roadway system located immediately to the east. Some local flows from a small portion of the frontage road can enter the site and will be retained in on site ponds. Flows from the north are diverted to the west by an existing access road. Areas south and west of the site are downstream.

The majority of runoff from the site remains in existing ponding areas with a small amount of run off out to the northwest corner of the site.

Development plans include the installation of a storm drain facility along the west property line with an outlet directly to the Bear Arroyo.

The grading plan shows 1) existing contours at 1' intervals; 2) proposed grades indicated by spot elevations and contours; 3) swales; 4) continuity between proposed and existing elevations and 5) that the site development will not be susceptible to flooding nor increase the threat of flooding to downstream areas.

$q = (66)(.35)\sqrt{64.9(2)} = 21.4 \frac{ft^3}{sec}$ $\frac{21.4}{11.35} = 2^{\circ}$

5°

$S = \frac{\Delta h}{L} = \frac{2}{4} = 0.35$ (1.2%)

$(.90)(1.26) = 1.14$

$Q = CIA$

$C = 0.90$

$I = 1.26$

$A = 1.14$

F. Chavez 11, 1983

DRAINAGE PLAN
PARCEL "A"
ALBUQUERQUE INDUSTRIAL PARK

ALBUQUERQUE BUSINESS PARK
FOR
NORTH-SOUTH
CONSTRUCTION MANAGEMENT
PROJECT: 223-283
SITE GRADING PLAN
SHEET 3 OF 22

E-17/D006

RF 21 DATE 2/24/83 OP KSP

CITY OF ALBUQUERQUE

This microimage is certified to be a complete and accurate copy of the original as it appears in the files of the PUBLIC WORKS DEPARTMENT - HYDROLOGY DIVISION and was filmed in the normal course of business. The photographic processes used meet the Basic Microfilm Standards of the National Micrographics Association (MS115-1977).

CITY CLERK RECORDER

OFFICIAL SEAL
NORBERTA SANCHEZ
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires MAY 8 1986

THIS PLAN SHOT TWICE ONCE ON LIGHT AND ONCE ON DARK.

CITY OF ALBUQUERQUE
THIS MICROIMAGE IS THE BEST POSSIBLE REPRODUCTION DUE TO THE POOR QUALITY OF THE ORIGINAL DOCUMENT.

PLANS/PLATS ON FILE

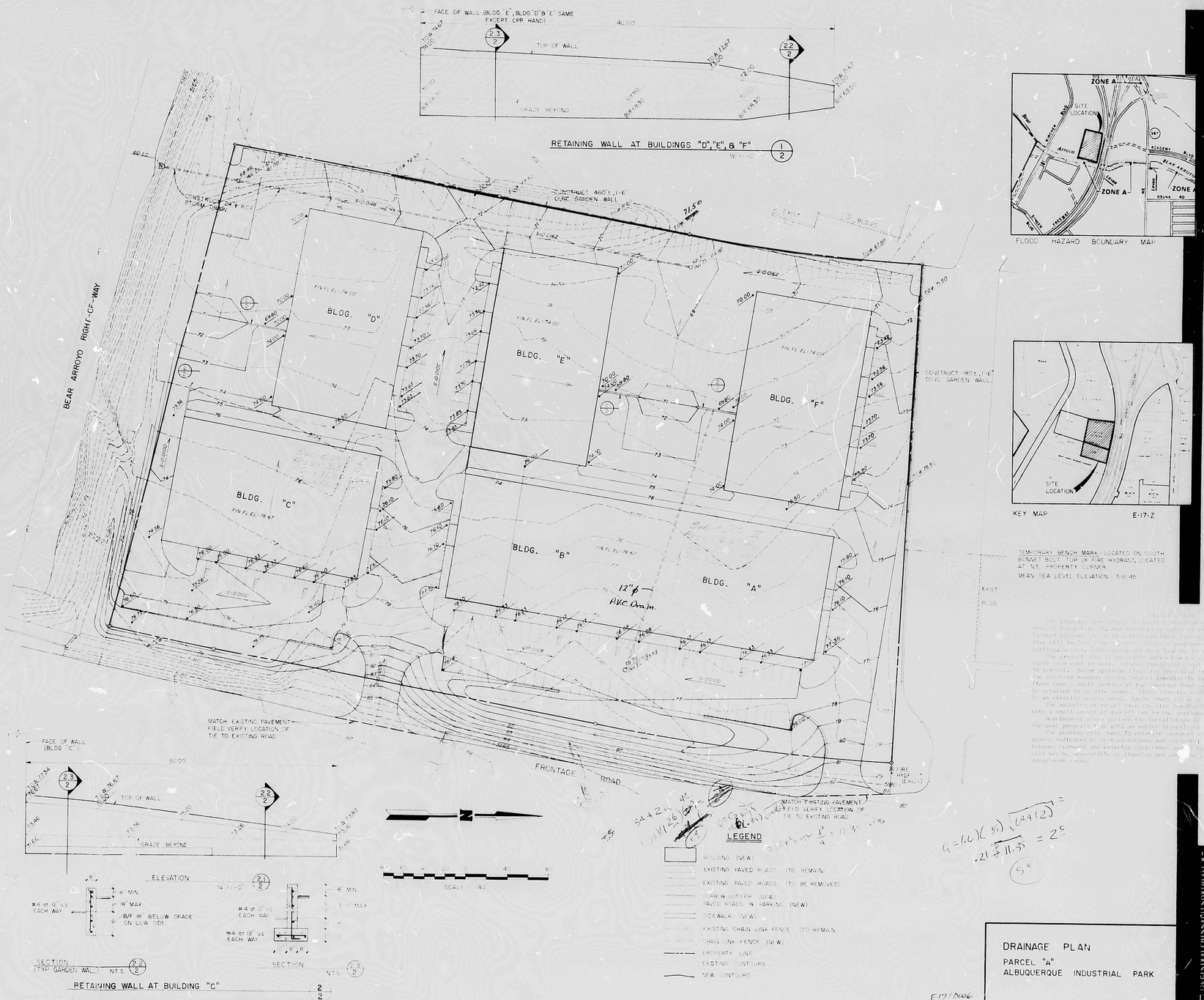
FILE DESC: E-17/D006

PLANS/PLATS 1

F 30 D 24 C 20 B 16 A 12

CITY OF ALBUQUERQUE

C D F



FLOOD HAZARD BOUNDARY MAP

KEY MAP E-17-Z

TEMPORARY BENCH MARK: LOCATED ON SOUTH BONNET BOLT TOP OF FIRE HYDRANT, LOCATED AT N.E. PROPERTY CORNER
MEAN SEA LEVEL ELEVATION - 518.45

THIS PLAN SHOT TWICE ONCE ON LIGHT AND ONCE ON DARK.

CITY OF ALBUQUERQUE
THIS MICROIMAGE IS THE BEST POSSIBLE REPRODUCTION DUE TO THE POOR QUALITY OF THE ORIGINAL DOCUMENT.

REF. 21 DATE 2-24-83 BY

CITY OF ALBUQUERQUE

This microimage is certified to be a complete and accurate copy of the original as it appears in the files of the PUBLIC WORKS DEPARTMENT - HYDROLOGY DIVISION and was filmed in the normal course of business. The photographic processes used meet the Basic Microfilm Standards of the National Micrographics Association (NSI15-1977).

CITY CLERK RECORDER

OFFICIAL SEAL
NORBERTA SANCHEZ
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 11/14/ 8 1985

Norberta Sanchez

VICTOR J. CHAVEZ
STATE OF NEW MEXICO
NO. 5713
REGISTERED PROFESSIONAL ENGINEER

OWNERSHIP AND USE OF THESE DRAWINGS IS LIMITED AND WILL BE ENFORCED AS PER ARTICLE 1-1-7 OF A.I.A. DOCUMENT A201

ALBUQUERQUE BUSINESS PARK
FOR
DEMBS-ROTH
CONSTRUCTION MANAGEMENT

PROJECT: 223-281

SITE GRADING PLAN

SHEET 3 OF 22

DATE: 11-2-82
DRAWN BY: V.M.V.
REVISIONS

DONALD A. KRUEGER & ASSOCIATES INC
ARCHITECTURE PLANNING

DRAINAGE PLAN
PARCEL "A"
ALBUQUERQUE INDUSTRIAL PARK

E-17/1006

D 24 C 20 B 16 A 12

CITY OF ALBUQUERQUE

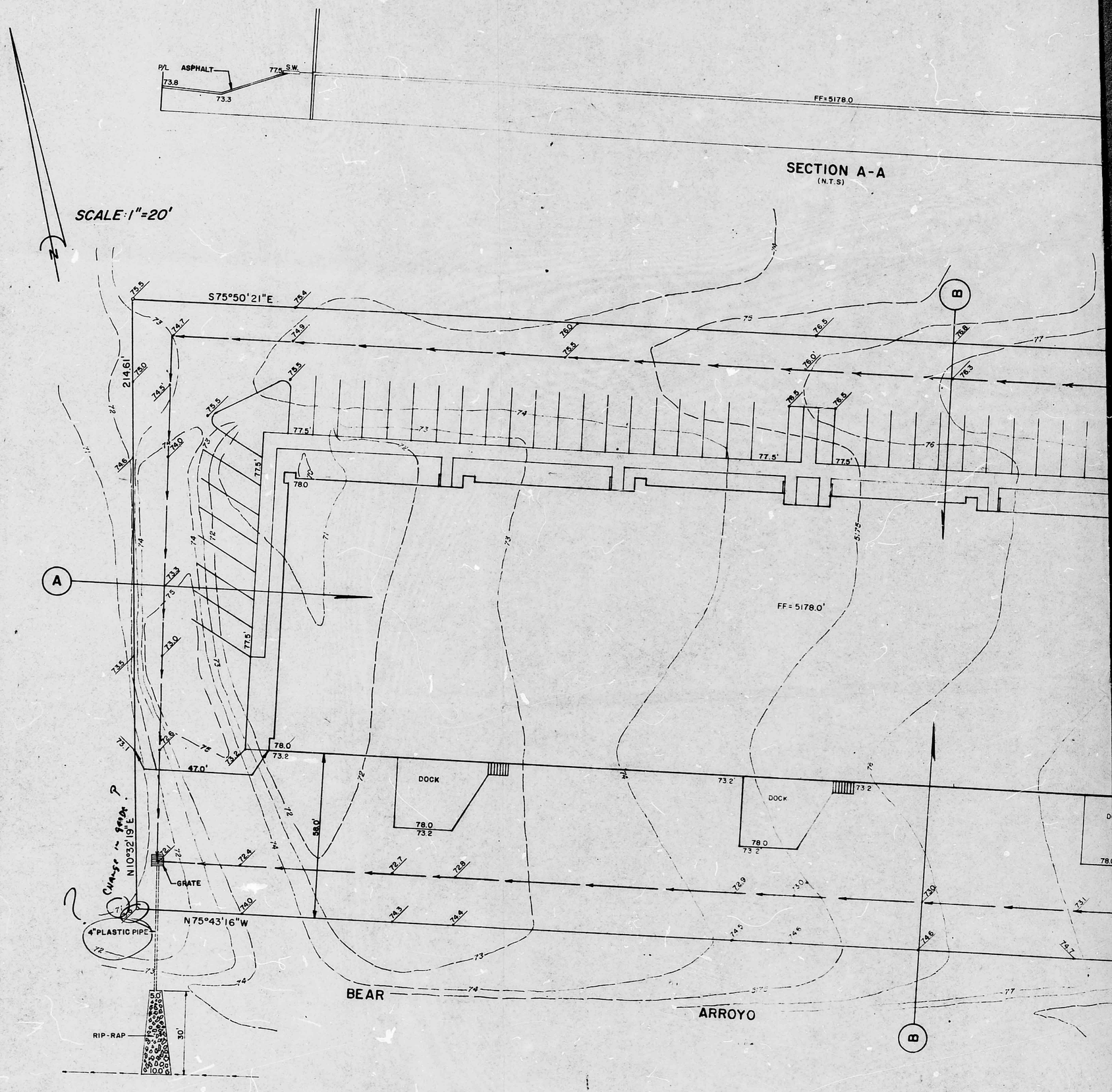
C D

HYDROLOGY

E17/D6
TWO PLANS

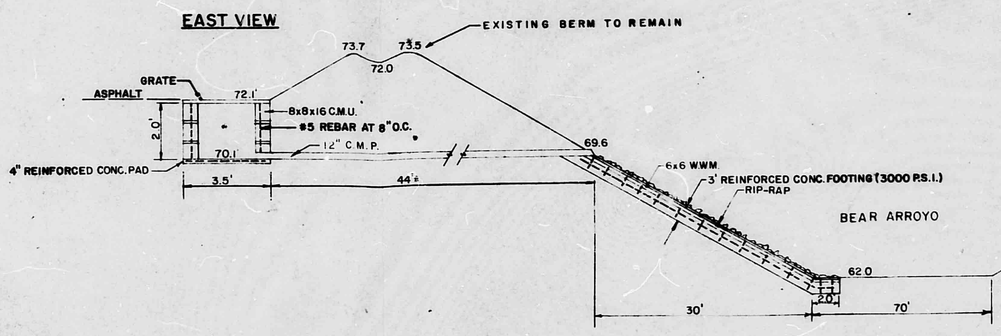
E17/D7

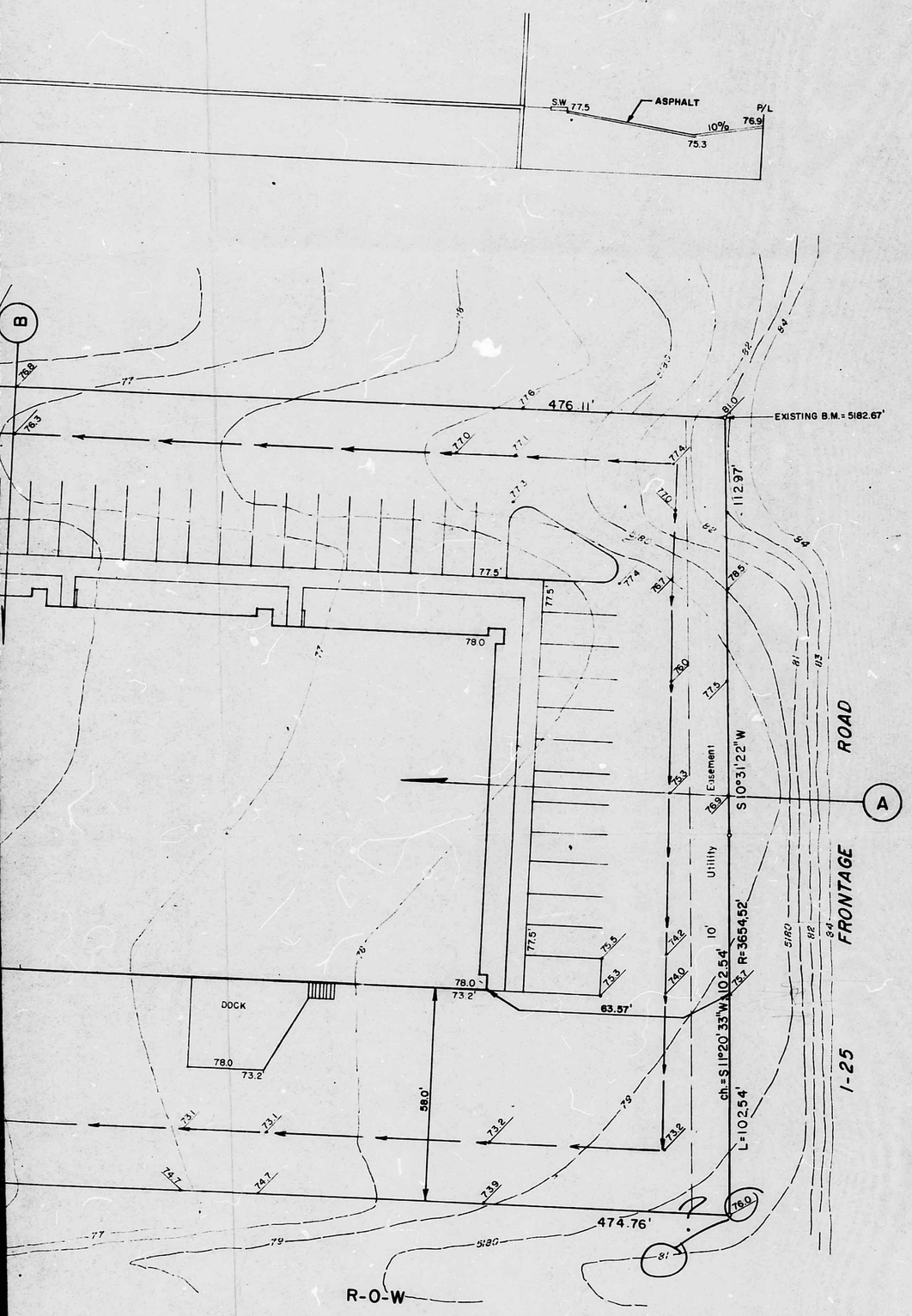
2 PLANS

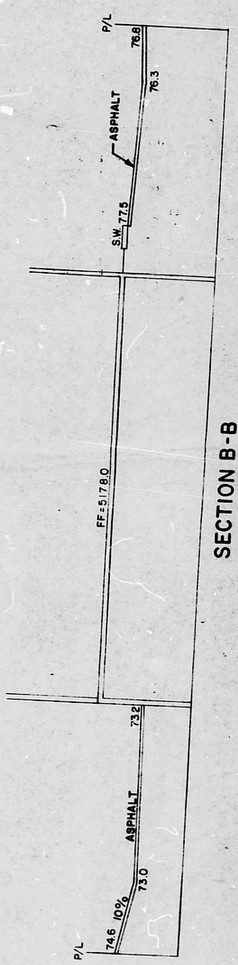


NO PONDING REQUIRED AS REQUESTE

DRAINAGE DETAIL
(N.T.S.)



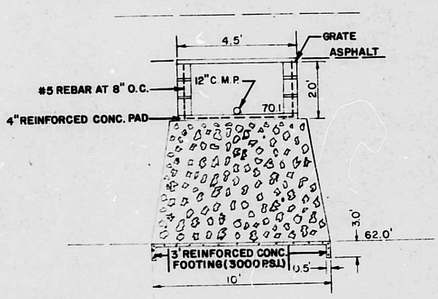




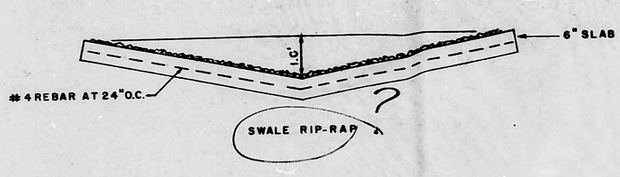
SECTION B-B
(N.T.S.)

AS REQUESTED BY A.M.A.F.C.A.

NORTH VIEW



FRONT VIEW



SHEET NO. SD-1

STATE OF NEW MEXICO
ROBERT F. ARMSTRONG
NEW MEXICO
REGISTERED ARCHITECT

ROBERT F. ARMSTRONG
ARCHITECTURE, A.I.A.
ALBUQUERQUE, N.M.
505-292-0467

REVISIONS

DRAWN RH
DATE 7/11/8

PROJECT
BEAR CANYON ARROYO
OFFICE & WAREHOUSE COMPLEX
WEST FRONTAGE ROAD
ALBUQUERQUE, NEW MEXICO

JOB NO. 8019

SHEET TITLE
SITE DRAINAGE PLAN
& DETAILS

REGISTERED PROFESSIONAL ENGINEER
AND LAND SURVEYOR
NEW MEXICO

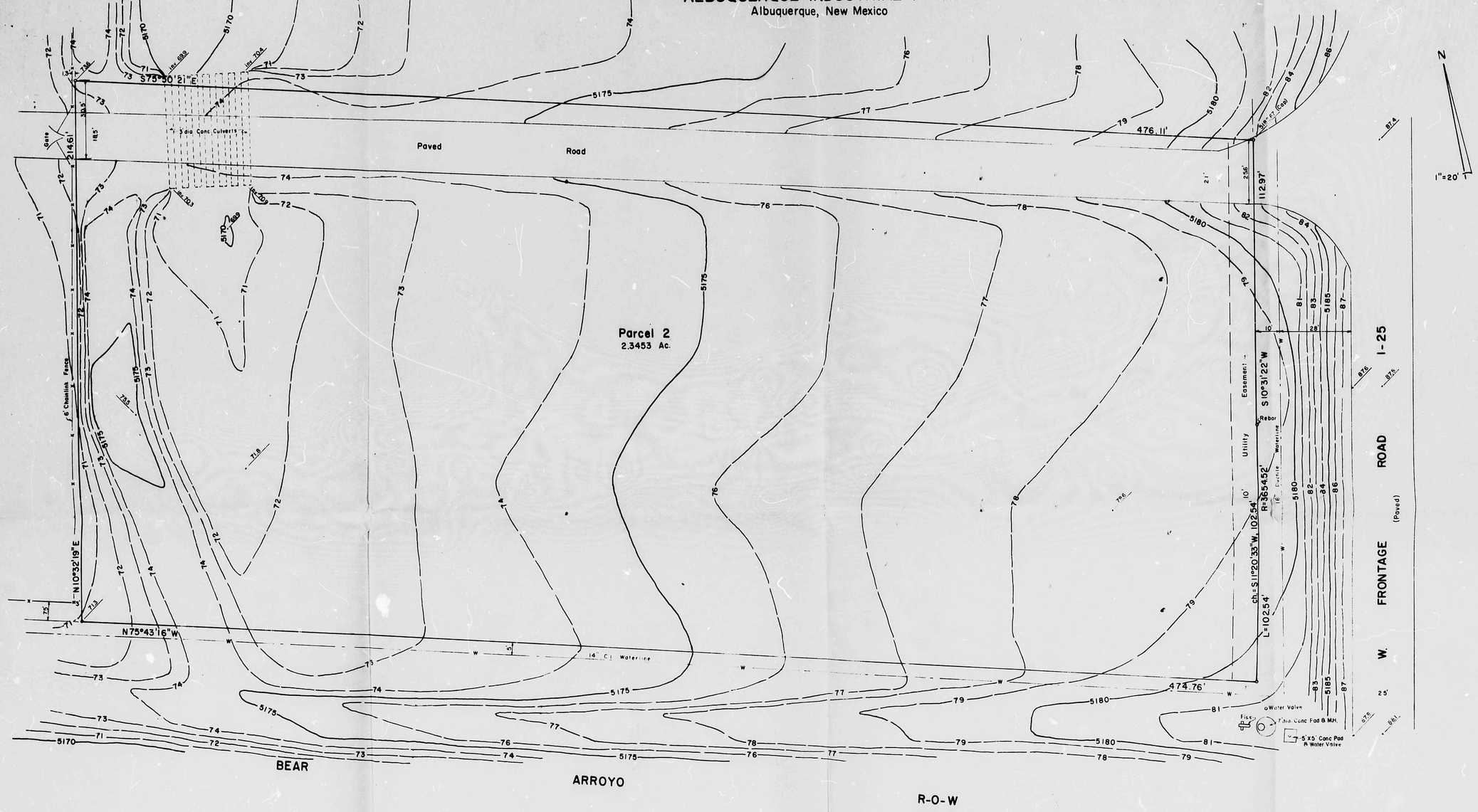
SHEET NO. SD-1

TOPOGRAPHIC MAP & CERTIFICATE OF SURVEY OF

Parcel 2, Lot D-4

ALBUQUERQUE INDUSTRIAL PARK

Albuquerque, New Mexico



DESCRIPTION:

Parcel numbered Two (2) of the Replat of Lot "D-4" of ALBUQUERQUE INDUSTRIAL PARK, Albuquerque, Bernalillo County, New Mexico, as the same is shown and designated on said Replat, filed in the office of the County Clerk of Bernalillo County, New Mexico, on January 24, 1980.

I, Verlon E. Hall, licensed under the laws of the State of New Mexico, do hereby certify that this Map was prepared by me or under my supervision, from notes of an actual field survey, and is true and correct to the best of my belief and knowledge.

IN WITNESS WHEREOF, this certificate is executed at Albuquerque, New Mexico, on this 4th day of June, 1980.

Verlon E. Hall, N.M.L.S. No. 3241

NOTES:

1. Capped rebar at all property corners except as otherwise indicated.
2. Elevations are referenced to City B.M. 9-E17 at intersection of Osuna Road N.E. & I-25, Elevation 5169.937 (SLD 1929).
3. Horizontal location, size & material of water lines are from Office of City Engineer.
4. There is an underground telephone cable 48' (approximate) North of the North property line.
5. There is a power line along the South edge of Bear Arroyo.
6. There is a paved road located on the North of the property as shown on this Map.

STATE OF NEW MEXICO — ROBERT F. ARMSTRONG — 1585 — REGISTERED ARCHITECT

ROBERT F. ARMSTRONG
ARCHITECTURE, A.I.A.
ALBUQUERQUE, N.M.
505-292-0467

SHEET NO. TS-1

HALL SURVEYING CO.
2625 Pennsylvania Ave. N.E., Suite 350
Albuquerque, New Mexico 87110
Phones: (505) 884-6200 & 884-6444

S-1150	FB 80-10	5/27/80

Client: Rymer Enterprises, Inc.