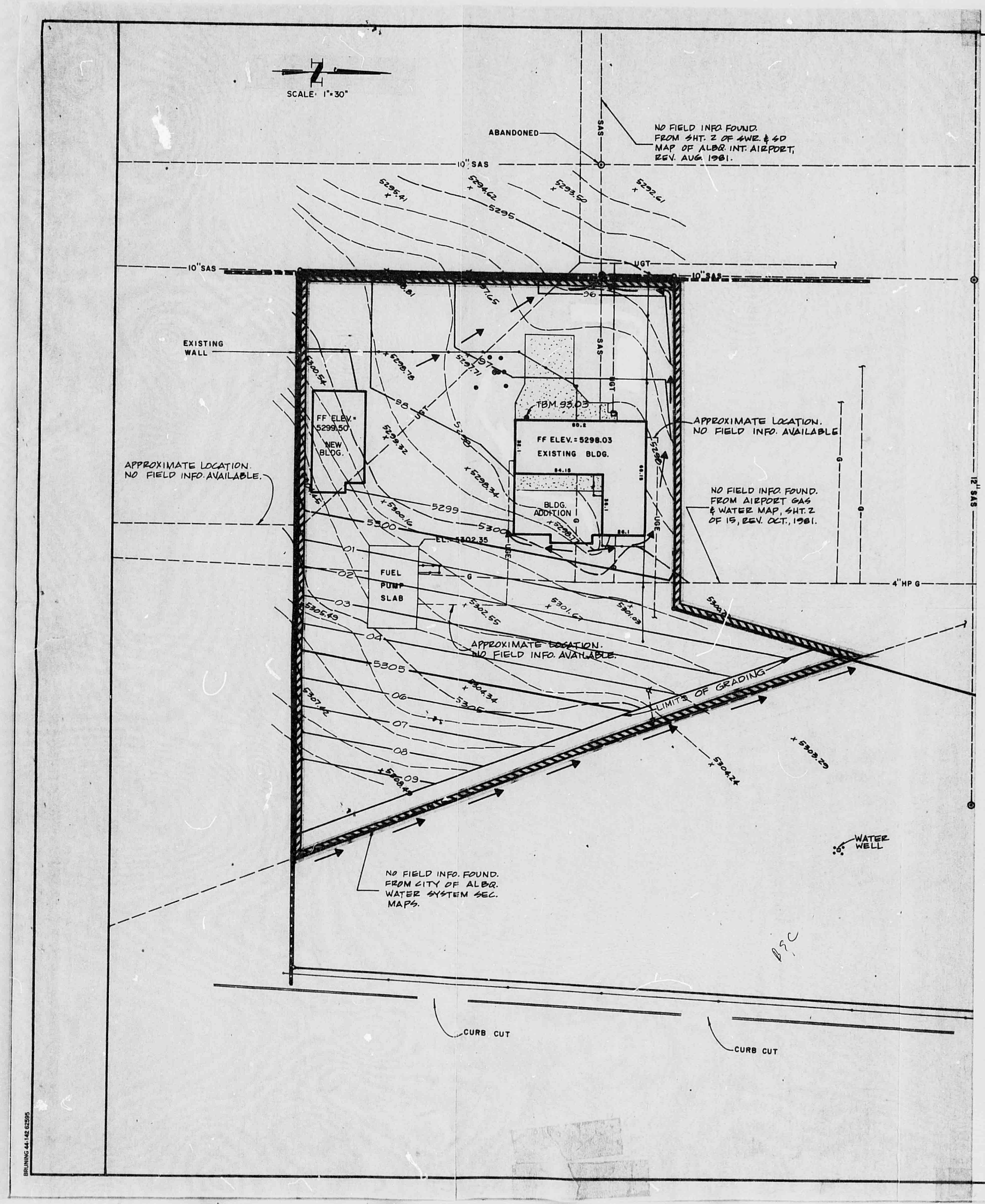
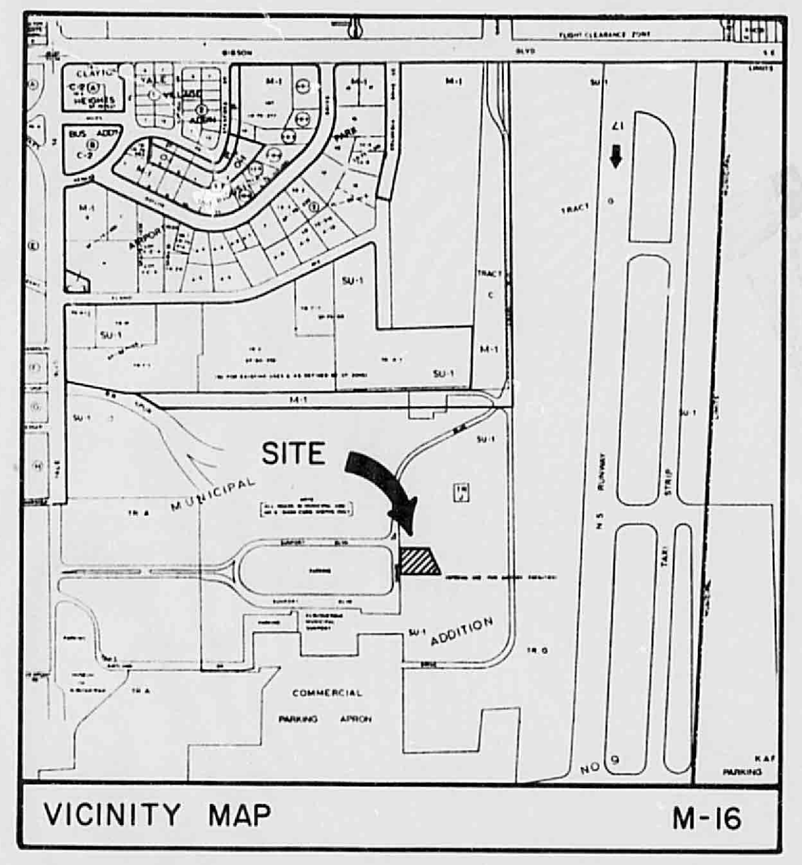
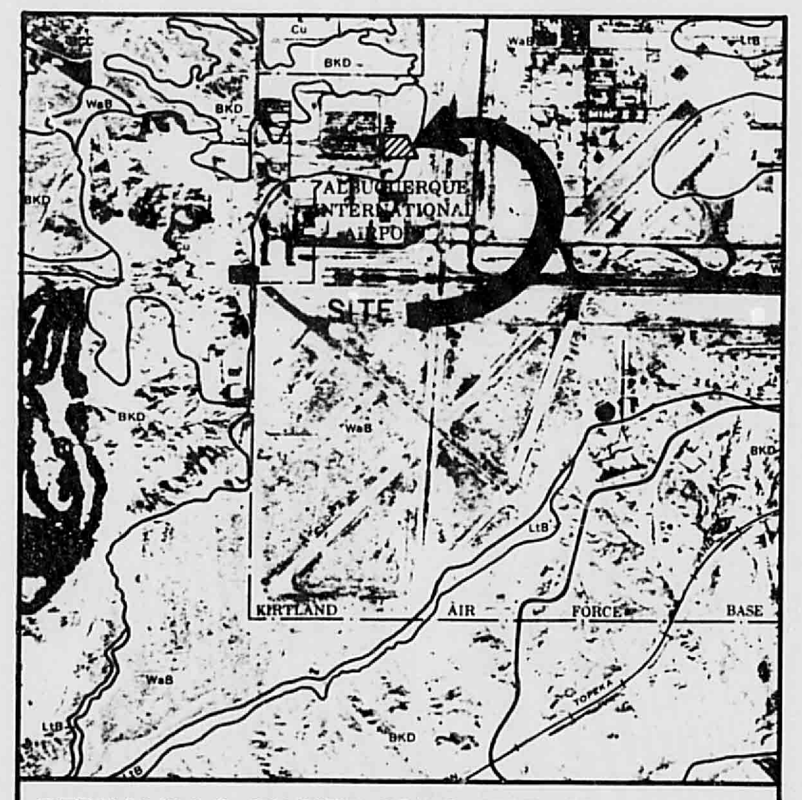
Hydrology File No. M-16/D024C 1 of 1

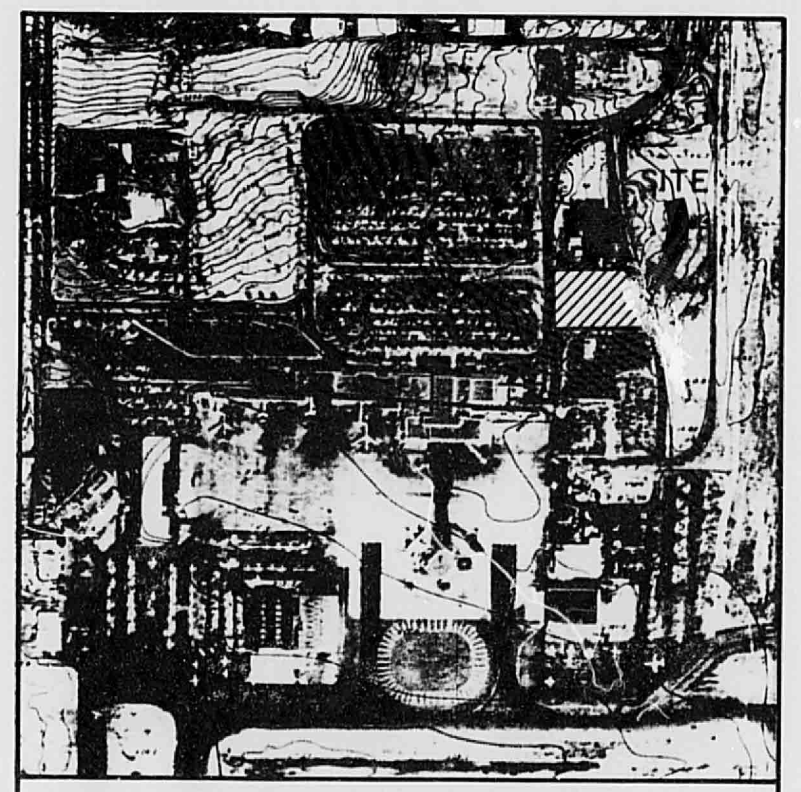

SCALE: 1"=30"
ABANDONED
NO FIELD INFO. FOUND. FROM SHT. 2 OF SWR. & SD MAP OF ALBQ. INT. AIRPORT, REV. AUG. 1981.
10" SAS
SAS
5295.41
5294.62
5293.50
5292.61
5295
UGT
10" SAS
EXISTING WALL
FF ELEV.= 5299.50
NEW BLDG.
TBM. 93.03
FF ELEV. = 5298.03
EXISTING BLDG.
BLDG. ADDITION
APPROXIMATE LOCATION. NO FIELD INFO. AVAILABLE.
NO FIELD INFO. FOUND. FROM AIRPORT GAS & WATER MAP, SHT. 2 OF 15, REV. OCT., 1981.
APPROXIMATE LOCATION. NO FIELD INFO. AVAILABLE.
5299
5300
EL. = 5302.35
FUEL PUMP SLAB
4" HP G
12" SAS
UGE
5302.55
5301.67
5301.03
5305.49
APPROXIMATE LOCATION. NO FIELD INFO. AVAILABLE.
5305
5304.34
5307.42
5308.45
LIMITS OF GRADING
5304.24
5303.29
WATER WELL
NO FIELD INFO. FOUND. FROM CITY OF ALBQ. WATER SYSTEM SEC. MAPS.
CURB CUT
CURB CUT
BRUNING 44-142 62595



VICINITY MAP M-16


SITE
KIRTLAND
AIR
FORCE
BASE

BERNALILLO COUNTY SOILS MAP 41



FEMA PANEL NO. 350002 0035

HERTZ RENTAL CAR FACILITIES
DRAINAGE AND GRADING PLAN

LEGAL DESCRIPTION: Por. Tract G Municipal Addition #9
ZONE ATLAS PAGE NO. M-16

This site is located within the Albuquerque International Airport just east of the existing parking facilities. The project area is included within the Master Drainage Plan for the Albuquerque International Airport. The proposed improvements conform to the Master Plan. Improvements consist of a 1530 square foot building, repaving the parking lot, the existing building will remain.

Currently, the site is totally impervious. The proposed improvements will cause runoff to drain to the northeast corner of the lot as itcurrently does. Runoff rates and volumes have been determined by the Rational Formula as shown in the City of Albuquerque Development Process Manual.

EXISTING CONDITIONS

Time of Concentration - 2 minutes; use 10 minutes.

6-Year Rainfall Volume - 100 yr. 2.31
10 yr. 1.52

Intensity: 100 yr. 5.01 in/hr
10 yr. 3.30 in/hr

"C" Value - 0.95

Area = 70,013.5 sq. ft. or 1.61 acres

Runoff rates Q 100 yr. = 7.7 cfs
Q 10 yr. = 5.0 cfs

PROPOSED CONDITIONS

Same as above - No changes in "C" value, intensity or area

Construction of the proposed improvements will not change the amount of flow, the rate of flow or the outfall location. Therefore, we recommend approval of this Drainage and Grading Plan pursuant to a building permit.

LEGEND	
▨▨▨▨	DRAINAGE BASIN LIMITS
■ ■ ■ ■	EXISTING WALL
---5305---	EXISTING CONTOUR
—5305—	PROPOSED CONTOUR
→ ——→	DIRECTION OF DRAINAGE

BENCHMARK:
"SNO", A CHISELED □ LOCATED ON THE NORTH SIDE OF SUNPORT BLVD., THE EAST END OF THE TERMINAL BLDG., TOP OF CONCRETE SIDEWALK, APPROX. 120' WEST OF INTERSECTION CURVE OF SUNPORT BLVD. ELEVATION = 5300.00

RECEIVED
NOV 10 1987
HYDROLOGY SECTION

Revisions

Greiner Engineering
Greiner Engineering Sciences, Inc.
Denver, Colorado Colorado Springs, Colorado
Albuquerque, N.M. Kemmerer, Wyoming

Design	
Drawn	B.A.W.
Check	
Scale	1" = 30"

HERTZ RENTAL CAR FACILITIES
DRAINAGE PLAN

Date	NOV. 1987
Job No.	0641077
Sheet	of

M-16/D024C

R# 22 DATE 6-25-93 OP E.S.P.

CITY OF ALBUQUERQUE

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Karen Aceves
CITY CLERK RECORDER

OFFICIAL SEAL
NORBERTA SANCHEZ
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires: MAY 8 1995
Norberta Sanchez

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

CITY OF ALBUQUERQUE
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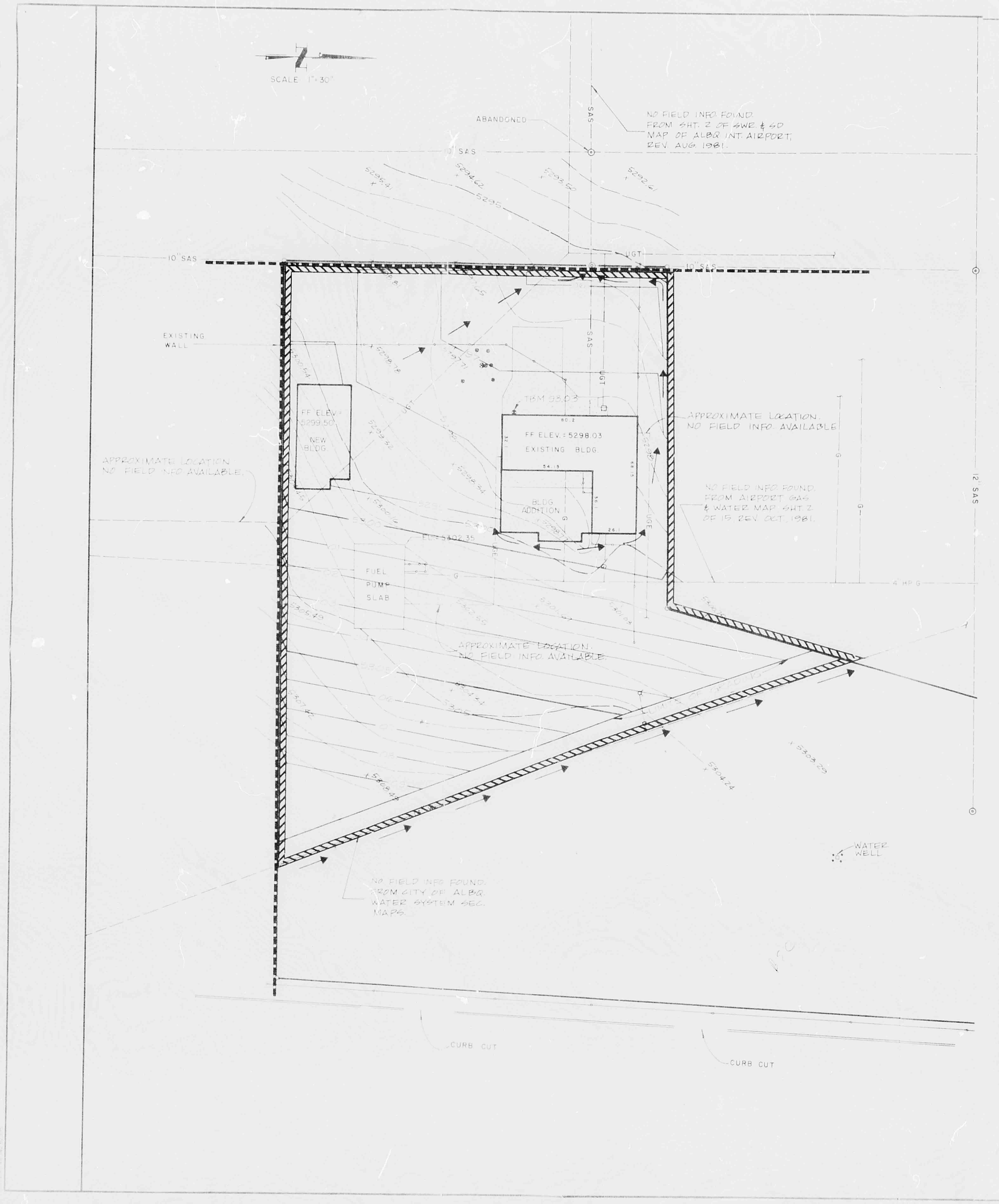
PLANS/PLATS ON FILE

FILE DESC: M-16/0024C

PLANS/PLATS 1

F 30 D 24 C 20 B 16 A 12 CITY OF ALBUQUERQUE C D F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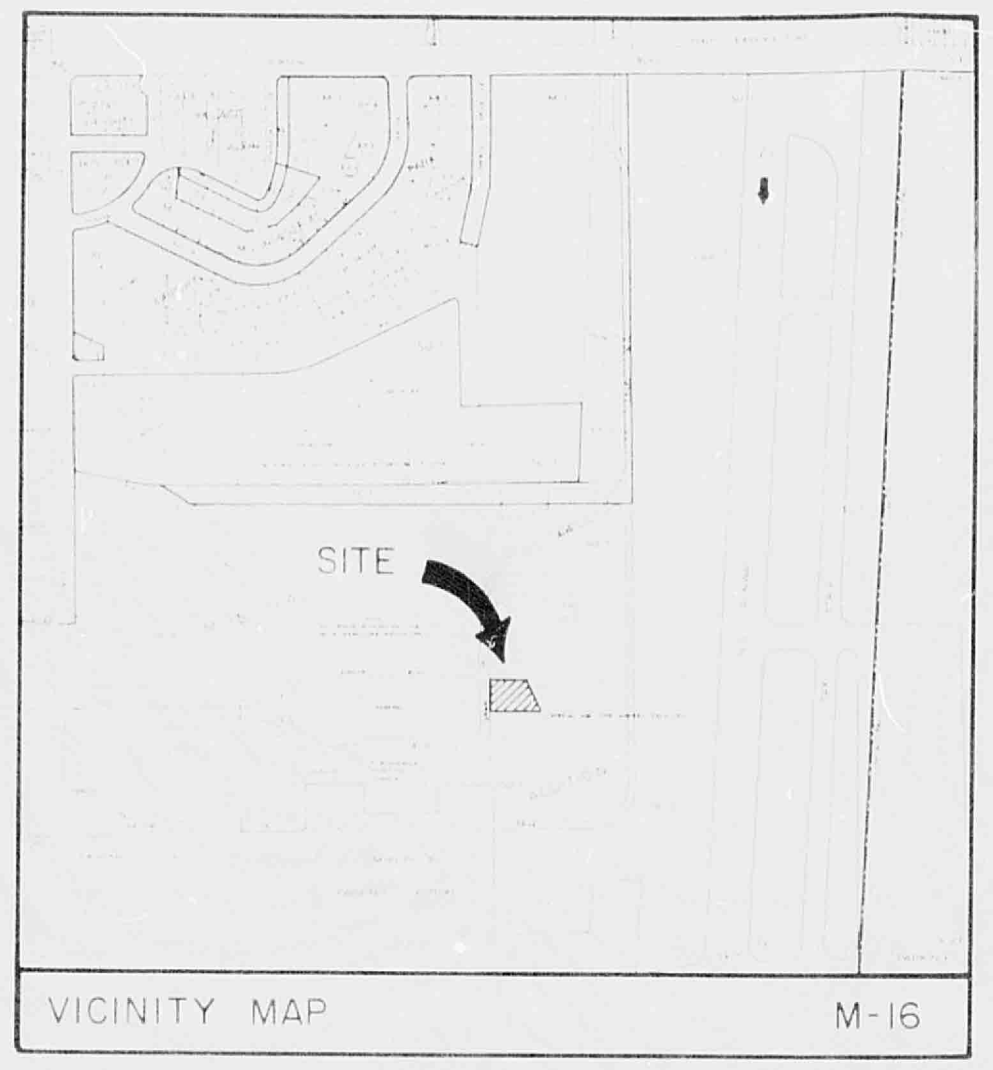
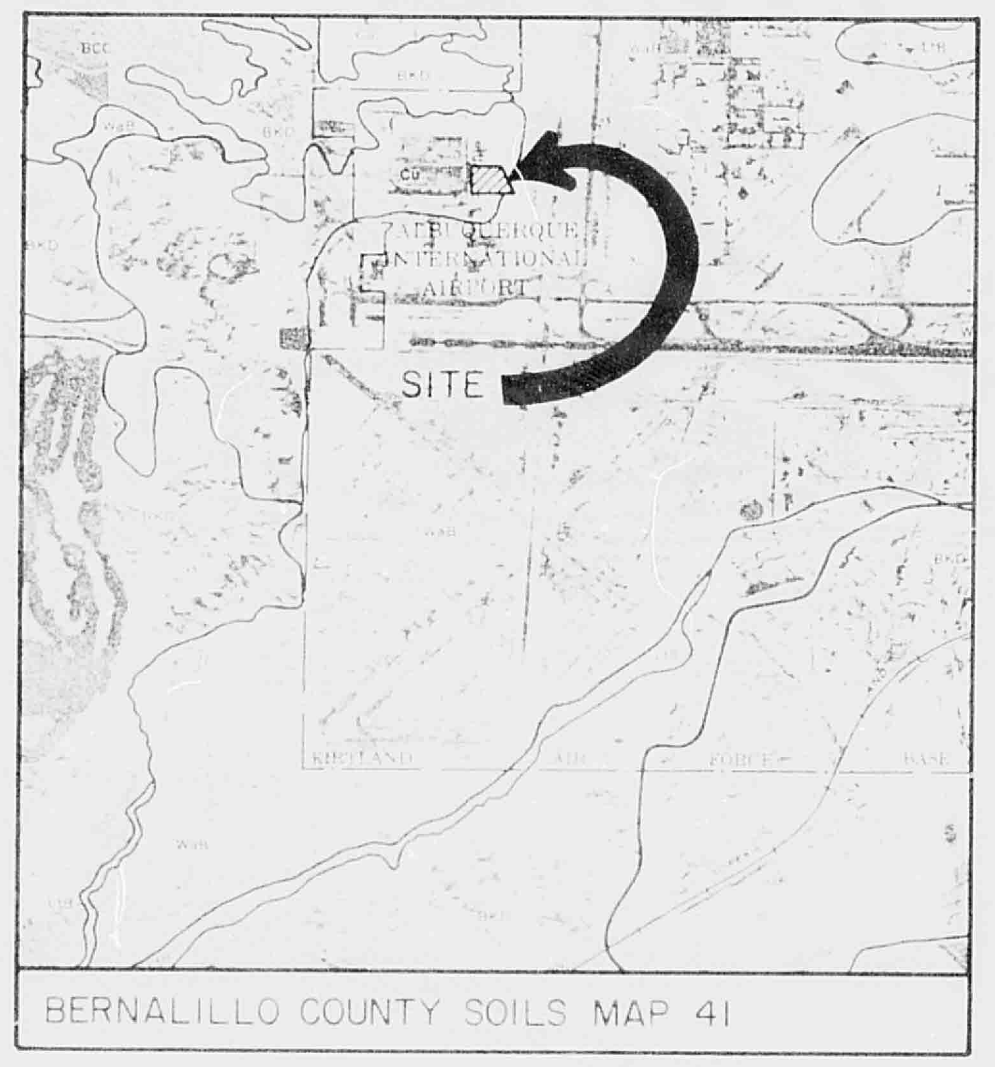
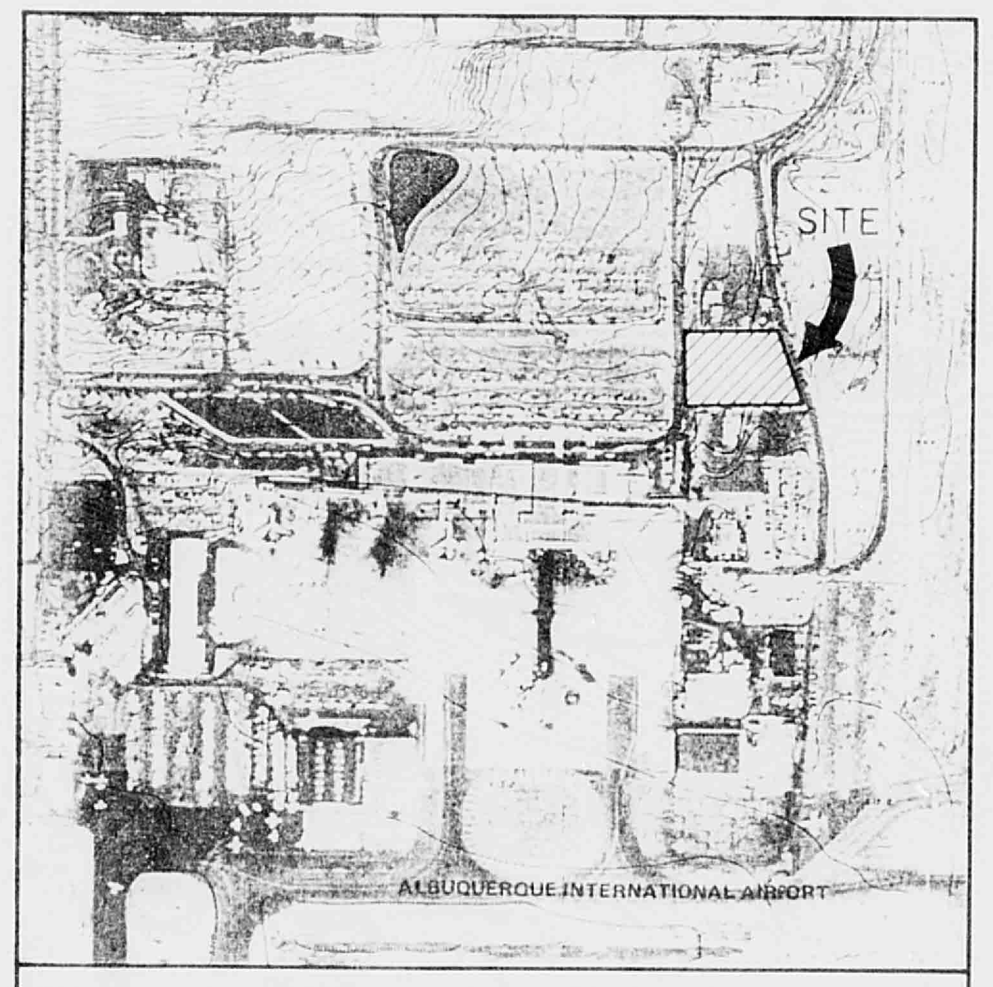


VICINITY MAP M-16



BERNALILLO COUNTY SOILS MAP 41


SITE
ALBUQUERQUE INTERNATIONAL AIRPORT

FEMA PANEL NO 350002 0035

HERTZ RENTAL CAR FACILITIES
DRAINAGE AND GRADING PLAN

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ZONE ATLAS PAGE NO. M-16

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LEGEND

▨▨▨▨	DRANAGE BASIN LIMITS
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—5300—	EXISTING CONTOUR
—5325—	PROPOSED CONTOUR
→ →	DIRECTION OF DRAINAGE

BENCHMARK:
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ELEVATION = 5300.00

Revisions

Greiner Engineering

HERTZ RENTAL CAR FACILITIES

DRAINAGE PLAN

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

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R# 22 DATE 6-25-93 OP

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Karen Reeves
CITY CLERK RECORDER

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NORBERTA SANCHEZ
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My Commission Expires MAY 8 1996
Norberta Sanchez

D 24 C 20 B 16 A 12

CITY OF ALBUQUERQUE

C D