HYDROLOGY M16/D8 3 PLANS

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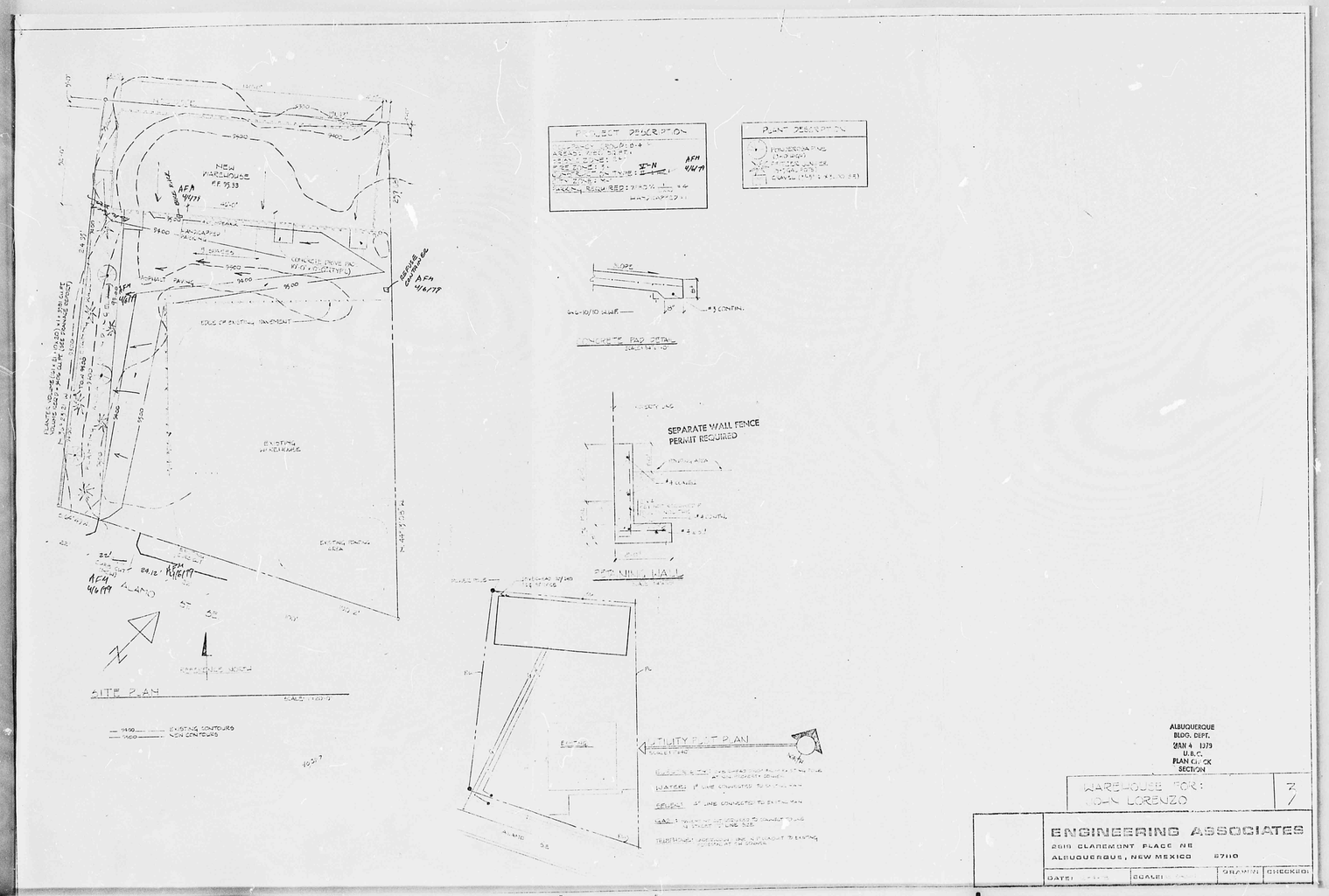
M16/D8

3 Plans

CITY OF ALBUQUERQUE



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

CITY OF ALBUQUERQUE

ARMOR TRANSFER WAREHOUSE FACILITY

Bruno

THIS WAS THE EXISTING SITE PLAN

AJR

DRAINAGE STUDY SUMMARY	
RUN-OFF BASED ON 100 YR. 6 HR. STORM FOR CITY OF ALBUQUERQUE	
SITE DATA FOR UNDEVELOPED SITE:	
RUN-OFF TO NORTHWEST FLOW DATE	2569 CU.FT. 1.423 CU.FT/SEC.
RUN-OFF TO STREET FLOW DATE	453 CU.FT. 0.233 CU.FT/SEC.
SITE DATA FOR DEVELOPED SITE:	
RUN-OFF TO NORTHWEST FLOW DATE	1760 CU.FT. 1.021 CU.FT/SEC.
RUN-OFF TO STREET FLOW DATE	804 CU.FT. 0.420 CU.FT/SEC.
NOTE: 1/2 OF FLOOR, WEST SIDE STAIR AND NORTH DRIVE STRIP WILL BE PONDED IN PONDING AREA #1 VOLUME PONDED = 1121 CU.FT.	
1/2 OF EXISTING AREA UNDEVELOPED AREA WILL BE PONDED IN PONDING AREA #2: VOLUME PONDED = 1078 CU.FT.	

PROJECT DESCRIPTION

OCCUPANCY GROUP: MIXED: S-1 & B-2

AREAS: S-1 = 3738 SQ.FT. B-2 = 1446 SQ.FT. TOTAL = 5184 SQ.FT.

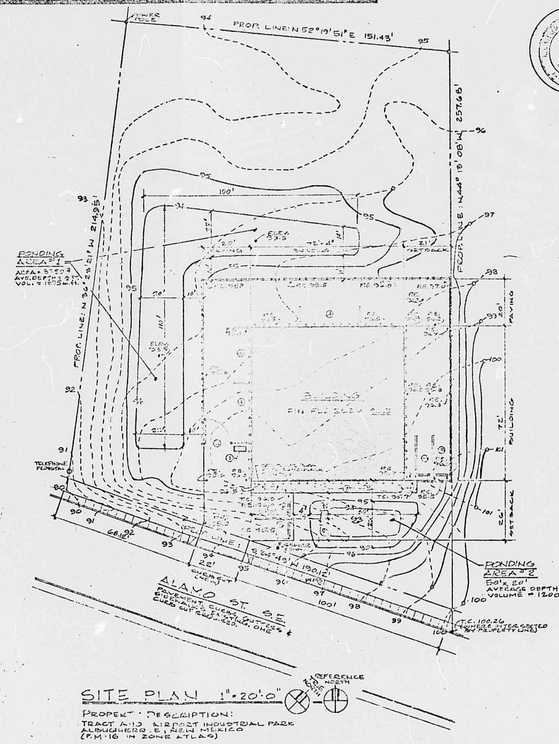
SEISMIC ZONE: 2

FIRE ZONE: 3

CONSTRUCTION TYPE: II 1-HR.

CITY ZONING: M-1

PARKING REQUIRED: 3738 X 2000 = 2
1446 X 200 = 7
TOTAL = 9 (NOTE: 2 SPACES ARE INSIDE BLDG.)



SITE PLAN 1" = 20'-0"

REFERENCE NORTH

PROPERTY DESCRIPTION:
TRACT A-1-3 AIRPORT INDUSTRIAL PARK
ALBUQUERQUE, NEW MEXICO
(FM-16 IN ZONE ATLAS)

KEY TO SITE PLAN

- 99 EXISTING CONTOURS; BASED ON ASSUMED ELEVATION OF 1000.0 TO S.E. CORNER STAKE ELEVATION AT 99.00
- NEW CONTOUR; THE INDICATED POINT OF DEPARTURE FROM EXIST. ING.
- P.E. PAVEMENT ELEVATION
- T.C. TOP OF CU. YD. CONCRETE
- 6 FT. HIGH CHAIN LINK FENCE
- 1 TIE-IN TO CITY GRADE ELEVATIONS
- 2 12 FT. WIDE CHAIN LINK GATE
- 3 4 FT. WIDE CHAIN LINK GATE
- 4 PARALLEL PARKING SPACE; DEFINE WITH PAVEMENT STRIPING.
- 5 NORMAL PARKING SPACE; DEFINE WITH PAVEMENT 4" STRIPING AND PRECAST CONC. BUMPER.
- 6 HANDICAPPED PARKING SPACE.
- 7 SEE LANDSCAPING ENLARGED PLAN

ASPHALT PAVED AREA

SITE PLAN & SITE & BLDG. INFORMATION

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CITY OF ALBUQUERQUE

ARMOR TRANSFER WAREHOUSE FACILITY

STATE OF NEW MEXICO
WOLFGANG G. GRAUM
No. 454
ALBUQUERQUE, NEW MEXICO
REGISTERED ARCHITECT

REGISTERED PROFESSIONAL ENGINEER
STATE OF NEW MEXICO
No. 3254
JAMES A. LUCAS

DRAINAGE STUDY SUMMARY

RUN-OFF BASED ON 100 YR. 6 HR. STORM FOR CITY OF ALBUQUERQUE

SITE DATA FOR UNDEVELOPED SITE:

RUN-OFF TO NORTHWEST	2569	CU. FT.
FLOW RATE	1.429	CU. FT./SEC.
RUN-OFF TO STREET	452	CU. FT.
FLOW RATE	0.293	CU. FT./SEC.

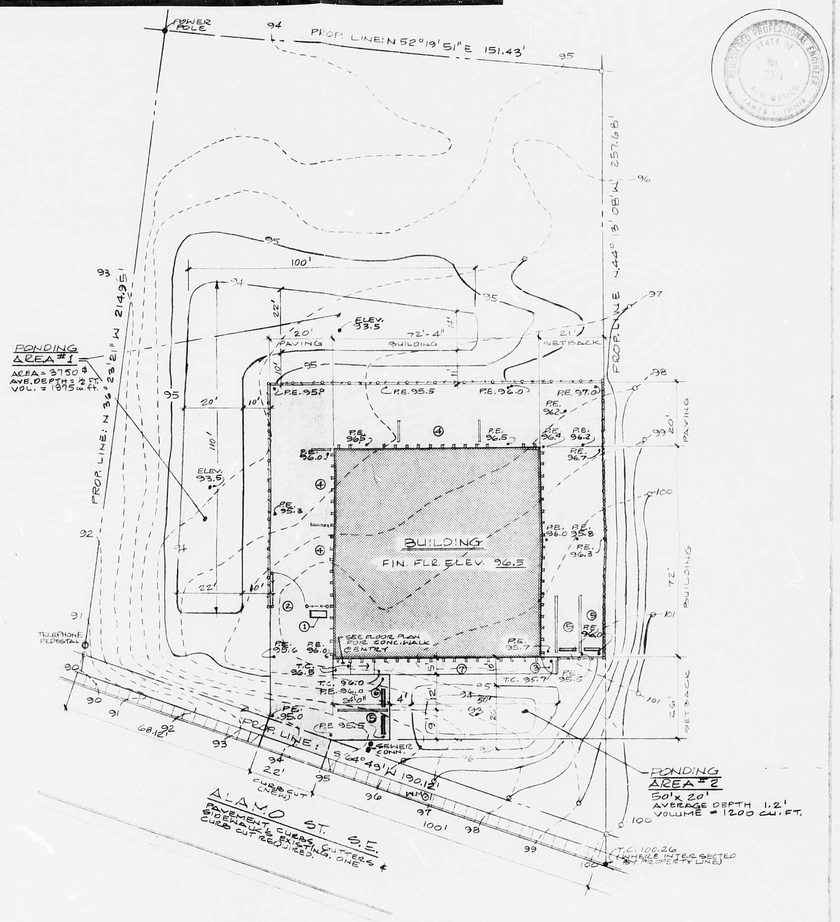
SITE DATA FOR DEVELOPED SITE:

RUN-OFF TO NORTHWEST	1760	CU. FT.
FLOW RATE	1.021	CU. FT./SEC.
RUN-OFF TO STREET	304	CU. FT.
FLOW RATE	0.20	CU. FT./SEC.

NOTE: ½ OF ROOF, WEST DRIVE STRIP AND NORTH DRIVE STRIP WILL BE PONDED IN PONDING AREA #1 VOLUME PONDED = 1101 CU. FT.
½ OF ROOF, EAST DRIVE STRIP AND SCAPED AREA WILL BE PONDED IN PONDING AREA #2: VOLUME PONDED = 1078 CU. FT.

PROJECT DESCRIPTION

OCCUPANCY GROUP: MIXED B-1 & B-2
AREAS: B-1 = 3738 SQ. FT. B-2 = 1446 SQ. FT. TOTAL = 5184 SQ. FT.
SEISMIC ZONE: 2
FIRE ZONE: 3
CONSTRUCTION TYPE: II 1-HR.
CITY ZONING: M-1
PARKING REQUIRED:
3738 ÷ 2000 = 2
1446 ÷ 200 = 7
TOTAL = 9 (NOTE: 2 SPACES ARE INSIDE BLDG.)



SITE PLAN 1" = 20'-0"

REFERENCE NORTH
MAGNETIC NORTH

PROPERTY DESCRIPTION:
TRACT A-10 AIRPORT INDUSTRIAL PARK
ALBUQUERQUE, NEW MEXICO
(P.M.-16 H ZONE ATLAS)

KEY TO SITE PLAN

- 99 EXISTING CONTOURS, BASED ON ASSIGNING ELEVATION OF 100.0 TO S.E. CORNER STALE ELEVATION AT GRADE
- NEW CONTOURS. THE 0 INDICATES POINT OF DEPARTURE FROM EXISTING.
- P.E. PAVEMENT ELEVATION
- T.C. TOP OF CURB OR CONCRETE
- 6 FT. HIGH CHAIN LINK FENCE
- (1) TRASH BIN TO CITY SPECIFICATIONS
- (2) 12 FT. WIDE CHAIN LINK GATE
- (3) 4 FT. WIDE CHAIN LINK GATE
- (4) PARALLEL PARKING SPACE, DEFINE WITH PAVEMENT STRIPING.
- (5) NOSE-IN PARKING SPACE. DEFINE WITH PAVEMENT STRIPING AND PRECAST CONC. BUMPER.
- (6) HANDICAPPED PARKING SPACE.
- (7) CONC. WALK - SEE LANDSCAPING ENLARGED PLAN
- ASPHALT PAVED AREA

SITE PLAN & SITE & BLDG. INFORMATION
DEC. 13, 1977
SHEET 1 OF 5

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

CITY OF ALBUQUERQUE
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CITY OF ALBUQUERQUE

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