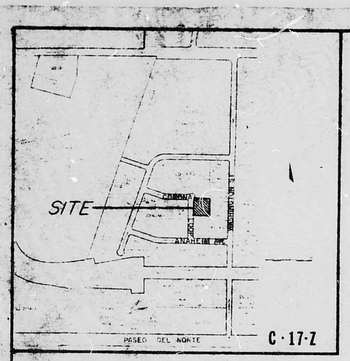
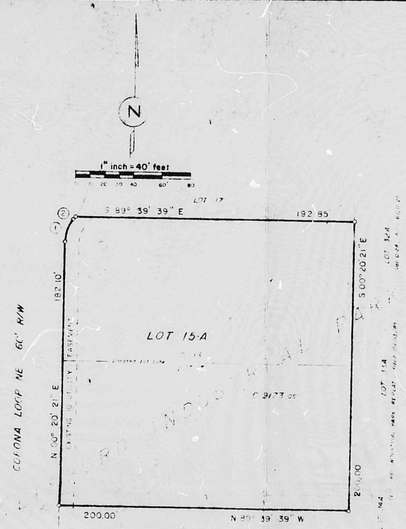
PUBLIC WORKS/HYDROLOGY

C17/D1KK




LOT 15-A

A REPLAT OF LOTS 15 & 16

# CLIFFORD INDUSTRIAL PARK

AN ADDITION TO THE CITY OF ALBUQUERQUE

BERNALILLO COUNTY, NEW MEXICO

JUNE 1990

RECEIVED JUN 19 1990 HYDROLOGY DIVISION

**DISCLOSURE STATEMENT**

The purpose of this replat is to combine lots 15 and 16, CLIFFORD INDUSTRIAL PARK, into one parcel, to be designated as Lot 15A, CLIFFORD INDUSTRIAL PARK

CITY OF ALBUQUERQUE DEVELOPMENT REVIEW BOARD

CHIEF SURVEYOR DATE

A.M.A.F.C.A. DATE

CITY ENGINEER DATE

PARKS AND RECREATION DEPARTMENT DATE

TRANSPORTATION DEVELOPMENT DIVISION DATE

UTILITY DEVELOPMENT DIVISION DATE

PROPERTY MANAGEMENT DIVISION DATE

CHAIRMAN, PLANNING DIVISION DATE

DRB NO. _____ EPC NO. _____

This is to certify that taxes are paid and have been paid per 39 CODE, IDO # 01-064-2882-30406-0.01 R.

ROGER A PETERSON & N P MONTANO
Property Owner of Record

Chris Duran 6-1-90
BERNALILLO COUNTY TREASURER'S OFFICE DATE

**LEGAL DESCRIPTION**

Lot numbered Fifteen (15) in Block numbered Twenty (20) of CLIFFORD INDUSTRIAL PARK, an Addition to the City of Albuquerque, as the same is shown and designated on the plat thereof, filed in the Office of the County Clerk of Bernalillo County, New Mexico, on April 27, 1965, in Volume C, Folio 93.

**FREE CONSENT AND DEDICATION**

The foregoing replat of the tract described herein is made in accordance with the desires of the undersigned owners. The undersigned owners hereby grant all easements shown and hereby represent that they are the owners of the foregoing.

OWNER(S)

STATE OF NEW MEXICO )
) SS
COUNTY OF BERNALILLO )

The foregoing instrument was acknowledged before me this _____ day of _____, 19__, by _____

NOTARY PUBLIC My Commission Expires

**SURVEYOR'S CERTIFICATE**

I, Harry K. Wert, a Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that this plat and the survey on which it is based was prepared by me or under my direct supervision, that said survey and survey meet the minimum requirements of the Standards for Surveys in New Mexico, as adopted November 15, 1989, and that said survey meets the minimum requirements for monumentation of the Albuquerque Subdivision Ordinance.

Harry K Wert 06 01 90
HARRY K. WERT, NMPLS #7976 DATE

**GENERAL NOTES**

1) Total Acreage: 9.417 AC.
2) Zone Atlas Index: C-17-Z
3) Utility Control Location System Ing No. 90 05 21 1617 0183
4) Total number of lots created by this plat: 2
5) The recording of this plat with the Office of the County Clerk of Bernalillo County, New Mexico, does not affect existing easements or rights of way of record.
6) All easements shown are per recorded plat or were made known to me by the Owner(s), Utility Company(s), or other party(s) expressing an interest.

S-052990h SHEET 1 OF 1

WESTERN LAND SURVEYING
208 THIRD STREET SW
ALBUQUERQUE, NEW MEXICO
PO BOX 26193 87125
(505)873-1807 843-7245

PLANS/PLATS ON FILE

FILE DESC: C17/DIKK

# PLANS/PLATS 2

CITY OF ALBUQUERQUE
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R# 24 DATE 3/14/02 OP ESP

CITY OF ALBUQUERQUE

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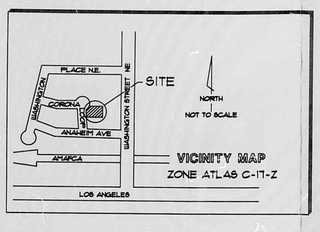
The photographic process used meets the Basic Microfilm Standards of the National Micrographics Association (MS115-1977)

11/5/02
DIRECTOR

Roberta Duran
NOTARY PUBLIC

OFFICIAL SEAL
Roberta Duran
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 8/08/02

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




**VICINITY MAP**
ZONE ATLAS C-17-Z

## LEGAL DESCRIPTION

LOTS 15 AND 16, CLIFFORD INDUSTRIAL PARK
ALBUQUERUQUE, NEW MEXICO

## DRAINAGE CALCULATIONS

I. REFERENCES:
- A. CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL (DPM) VOL. 2 DESI'N CRITERIA, CHAPTER 22: DRAINAGE, FLOOD CONTROL, AND EROSION CONTROL.
- B. SOIL SURVEY OF BERNALILLO COUNTY AND PARTS OF SANDOVAL AND VALENCIA COUNTIES, NEW MEXICO, UNITED STATES DEPARTMENT OF AGRICULTURAL, SOIL CONSERVATION SERVICE.
- C. FLOODWAY, FLOOD BOUNDARY AND FLOODWAY MAP, CITY OF ALBUQUERQUE, NEW MEXICO, PANEL 22 OF 50.
- D. ZONE ATLAS PAGE H-14-Z.

II. GENERAL INFORMATION:
- A. SOIL TYPE (REF. B, PAGE 11) SOIL TYPE IS EMBUDO GRAVELLY FINE SANDY LOAM.(EmB), HYDROLOGIC SOIL GROUP "B".
- B IMPERVIOUSNESS:

| TYPE OF SURFACES | EXISTING SQ.FT | ACRES | PROPOSED SQ.FT | ACRES |
|---|---|---|---|---|
| BUILDING ROOF | 0 | 0.0000 | 7200 | 0.1653 |
| CONCRETE SURFACES | 0 | 0.0000 | 1228 | 0.0282 |
| ASPHALT SURFACES | 0 | 0.0000 | 22066 | 0.5066 |
| LANDSCAPING | 0 | 0.0000 | 9464 | 0.2173 |
| UNDEVELOPED | 39958 | 0.9173 | 0 | 0.0000 |
| SITE TOTAL | 39958 | 0.9173 | 39958 | 0.9173 |

- C. "C" FACTOR

EXISTING IMPERVIOUS SURFACES

| | "C" FACTOR | AREA | C X A |
|---|---|---|---|
| BUILDING ROOF | 0.90 | 0.0000 | 0.0000 |
| CONCRETE SURFACES | 0.95 | 0.0000 | 0.0000 |
| ASPHALT SURFACES | 0.95 | 0.0000 | 0.0000 |
| LANDSCAPING | 0.25 | 0.0000 | 0.0000 |
| UNDEVELOPED | 0.40 | 0.9173 | 0.3669 |
| SITE TOTAL | | 0.9173 | 0.3669 |
| EXISTING WEIGHTED "C" FACTOR | | | 0.40 |

PROPOSED IMPERVIOUS SURFACES

| | "C" FACTOR | AREA | C X A |
|---|---|---|---|
| BUILDING ROOF | 0.90 | 0.1653 | 0.1488 |
| CONCRETE SURFACES | 0.95 | 0.0282 | 0.0268 |
| ASPHALT SURFACES | 0.95 | 0.5066 | 0.4812 |
| LANDSCAPING | 0.25 | 0.2173 | 0.0543 |
| UNDEVELOPED | 0.40 | 0.0000 | 0.0000 |
| SITE TOTAL | | 0.9173 | 0.7111 |
| PROPOSED WEIGHTED "C" FACTOR | | | 0.78 |

- D. 100 YEAR RAINFALL, 6 HOUR, P(6);(REF.A, PLATE 22-1,D-1) (HAND BOOK); P(6) = 2.20 INCHES.
- E. TIME OF CONCENTRATION, TC; TC = 10 MINUTES (USE 10 MINUNTES (MINIMUM VALUE) FOR CALCULATIONS.
- F. RAINFALL INTENSITY, I; (SEE REF. A, PLATE 22.2 D-2)
  I = P(6) X 6.84 X TC EXP.(-0.51)
  = 2.20 X 6.84 X 10 EXP.(-0.51)
  = 4.65 INCHES

III. PEAK DISCAK DISCHARGE: (RATIONAL METHOD)
- A. EXISTING CONDITION (CIA)
  Q(100)=0.400 X 4.65 X 0.91 =1.70 CFS
  Q(10) =0.657 X 1.706 = 1.12 CFS
- B. PROPOSED CONDITION
  Q(100)=0.775 X 4.65 X 0.91 =3.30 CFS
  Q(10) =0.657 X 3.306 = 2.17 CFS

IV. PEAK DISCAK DISCHARGE: (RATIONAL METHOD)
- A. EXISTING CONDITION (CIA)
  Q(100)=0.400 X 4.65 X 0.91 =1.70 CFS
  Q(10) =0.657 X 1.706 = 1.12 CFS
- B. PROPOSED CONDITION
  Q(100)=0.775 X 4.65 X 0.91 =3.30 CFS
  Q(10) =0.657 X 3.306 = 2.17 CFS

V. VOLUME OF DISCHARGE (SCS METHOD)
- A. EXISTING CONDITION
  P(6) = 2.2 INCHES
  CN = 65
  A(SQ.FT) = 39958
  Q(INCHES)= 1.261301 /6.507692
  = 0.193817
  VOLUME = 645.3784 CU.FT.
- B. PROPOSED CONDITIONS
  IMPERVIOUS AREA
  P(6) = 2.2 INCHES
  CN = 75
  A(SQ.FT)= 30494
  Q(INCHES)= 2.351111 /4.866666
  = 0.483105
  VOLUME = 1227.650 CU.FT.
  PERVIOUS AREA (LANDSCAPE)
  P(6) = 2.2
  CN = 50
  A(SQ.FT) = 9464
  Q(INCHES)= 0.04 / 10.2
  = 0.003921
  VOLUME = 3.092810 CU.FT.

TOTAL RUNOFF GENERATED DUE TO DEVELOPMENT 1230.743 CU.FT.

## PROJECT BRIEF

THIS IS AN IN-FILL DEVELOPMENT AND THE DRAINAGE SCHEME COMPLIES WITH THE MASTER DRAINAGE PLAN OF THE CLIFFORD INDUSTRIAL PARK DEVELOPMENT. THERE ARE NO OFF-SITE FLOWS ON TO THIS SITE. ALL FLOW DISCHARGES INTO THE NORTH DIVERSION CHANNEL.

## BENCH-MARK INFORMATION

ON SITE TEMPORARY BENCH-MARK SHOWN HEREON BEING THE TOP OF CURB AT THE NORTH WEST CORNER OF THE SITE BEARS ELEVATION 5096.42(MSL). REFERENCE TO CITY BENCH-MARK B-C17, BEARS ELEVATION 5111.029(MSL) SET IN CURB ON WASHINGTON ST NORTH OF LOS ANGELES.

## FLOOD INFORMATION

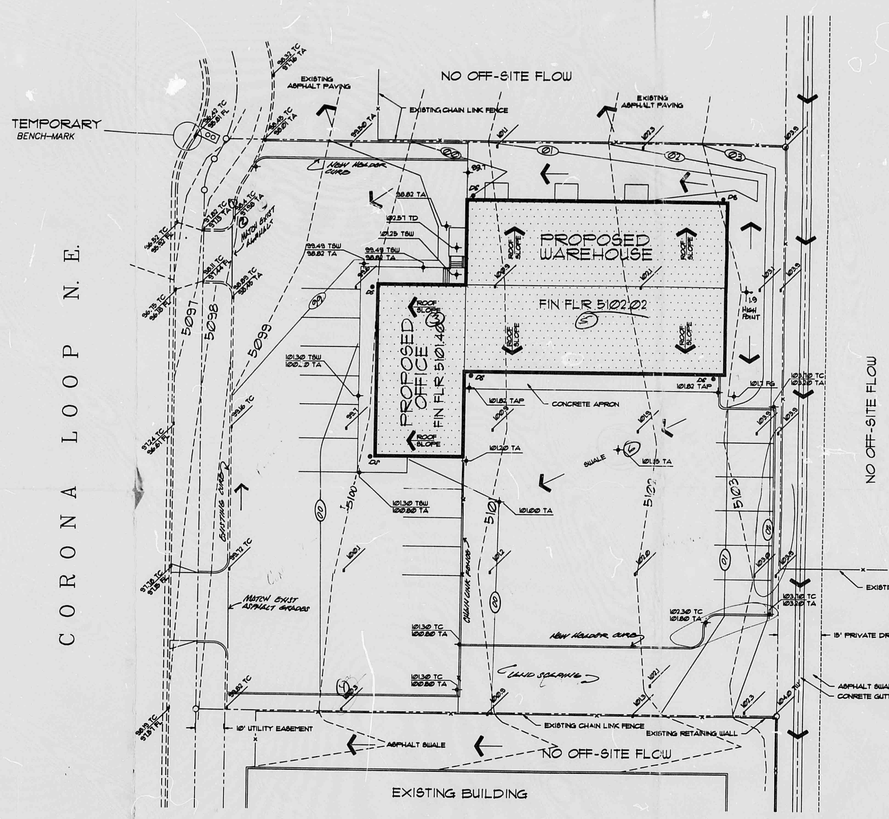
THIS SITE ~~DOES NOT~~ LAY IN A DESIGNATED 100 YR FLOOD PLAIN. SEE FLOODWAY MAP PANEL 9 OF 50.

## GENERAL NOTES:

- A. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION CONTRACTOR MUST CONTACT LINE LOCATING SERVICE AT 765-1234 FOR LOCATION OF EXISTING UTILITIES.
- B. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- C. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- D. ALL CONSTRUCTION WITHIN CITY RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.
- E. FINISH FLOOR ELEVATION SHOWN HEREON REFLECTS THE LEVEL PORTION OF THE BUILDING. SEE ARCHITECTURAL PLANS FOR DETAILS.

## EROSION CONTROL MEASURES:

THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR MANAGEMENT FOR STORM RUNOFF DURING CONSTRUCTION; HE SHALL ENSURE THAT THE FOLLOWING MEASURES ARE TAKEN:
- ADJACENT PROPERTY SHALL BE PROTECTED AT ALL TIMES BY THE CONSTRUCTION OF BERMS, DIKES, SWALES, PONDS AND OTHER TEMPORARY GRADING AS REQUIRED TO PREVENT STORM RUNOFF TO LEAVE THE SITE AND ENTERING ADJACENT PROPERTY.
- ADJACENT PUBLIC RIGHT-OF-WAYS SHALL BE PROTECTED AT ALL TIMES FROM STORM WATER RUNOFF FROM THE SITE. NO SEDIMENT BEARING WATER SHALL BE PERMITTED TO ENTER THE PUBLIC STREETS.
- THE CONTRACTOR SHALL IMMEDIATELY AND THOROUGHLY REMOVE ANY OR ALL SEDIMENT WITHIN THE PUBLIC STREETS THAT HAVE BEEN ERODED FROM THE SITE AND DEPOSITED THERE.




## ABBREVIATION LEGEND

| | | |
|---|---|---|
| TOP OF SIDEWALK | - | TSW |
| TOP OF CURB | - | TC |
| TOP OF ASPHALT | - | TA |
| TOP OF DOCK | - | TD |
| DOWN-SPOUT | - | DS |
| TOP OF APRON | - | TAP |

## SYMBOL LEGEND

EXISTING CONTOUR — 5102
DESIGN CONTOUR — 102
PROPOSED SPOT ELEVATION
PROPERTY LINE
EASEMENT LINE
FLOW DIRECTION
EXISTING SPOT ELEVATION — 102.0

## HYDROLOGY APPROVAL & INSPECTION

APPROVED FOR BUILDING PERMIT
ENGINEER _____ DATE _____
INSPECTION REQUESTED DATE _____
APPROVAL DATE 9-24-90 DISAPPROVED _____
SDIP APPROVAL DATE N/A
SURVEY DATE 9-25-90
HYDROLOGY BOOK NO/PAGE NO 89.1 " 50 & 109
SURVEYED BY O.M. + A.G.
COMMENTS CURB + EAST + SE REMOVED

# GRADING & DRAINAGE PLAN

SCALE: 1"=20.0'

0 5' 10' 20' 40'

job no:
date:
revised:

sheet title:
drawn by:
checked by:

job title:

MILLER and ASSOCIATES
ARCHITECTS PLANNERS
2815 Fr. mond, N.E.
Albuquerque, N.M. 87107

RECEIVED
JUN 19 1990
HYDROLOGY DIVISION

SHEET OF

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STATE OF NEW MEXICO
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D 24 C 20 B 16 A 12 CITY OF ALBUQUERQUE C D