PUBLIC WORKS/HYDROLOGY

L20/D34

SUBDIVISION DATA

1. DRB No. _____
2. Zone Atlas Index No. L-20
3. Current Zoning M-1
4. Gross Acreage .5165 Acres
5. Total number of lots created 1
6. Mileage of full-width streets created 0

NOTE

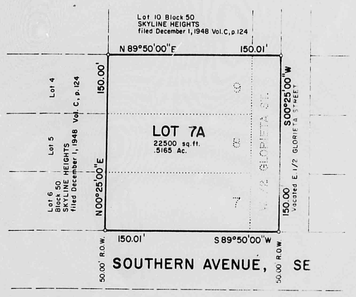
Prior to development, City of Albuquerque Water and Sanitary Sewer Service to this property must be verified and coordinated with the Water Utilities Department, City of Albuquerque via a request for Water and Sanitary Sewer availability.

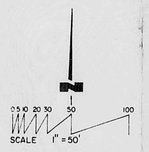
RECEIVED JUN 16 1986 HYDROLOGY SECTION

PLAT OF
LOT 7A BLOCK 50
SKYLINE HEIGHTS

BEING A REPLAT OF LOTS 7, 8 & 9; BLOCK 50; SKYLINE HEIGHTS
(filed December 1, 1948; Vol. C, p. 124)
TOGETHER WITH
VACATED WEST 1/2, GLORIETA STREET, SE

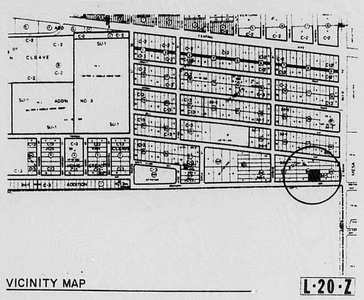
ALBUQUERQUE, NEW MEXICO
May 7, 1986





NOTES

1. Bearings are based on the Plat of SKYLINE HEIGHTS, filed in the office of the County Clerk of Bernalillo County, New Mexico on December 1, 1948 in Volume C, folio 124
2. This plat was prepared by Hall Engineering Co., Inc. for the purpose of eliminating interior property lines and including previously Vacated Right-of-way of Glorieta Street, SE as assessed to the owners of this property.
3. No search has been made for easements of record within the subject property other than shown on the plat of record and referred to on the plat inscribed hereon.
4. Plat compiled from existing records. No field work was performed and no corners were set.



VICINITY MAP L-20-Z

DESCRIPTION

A certain Tract of Land in the NW¼ of Section 29, Township 10 North, Range 4 East, New Mexico Principal Meridian, within the City of Albuquerque, Bernalillo County, New Mexico, being and comprising all of Lots numbered Seven (7), Eight (8) and Nine (9) in Block numbered Fifty (50) of SKYLINE HEIGHTS, as the same are shown and designated on said Plat, filed in the office of the County Clerk of Bernalillo County, New Mexico on December 1, 1948 in Volume C, folio 124; TOGETHER WITH a portion of the Vacated West One-half of a Fifty-foot (50') Right-of-way formerly known as Glorieta Street, SE, and being more particularly described as follows:

BEGINNING at the Southwest Corner of the herein described tract of land, said corner being a point on the North Right-of-way line of Southern Avenue, SE, and being common to the Southwest corner of Lot 7, Block 50 of SKYLINE HEIGHTS, and running thence;
N.00°25'00"E., a distance of 150.00 feet to the Northwest corner of the herein described tract of land;
thence, N.89°50'00"E., a distance of 150.01 feet to the Northeast corner of the herein described tract of land being a point on the former centerline within the vacated Right-of-way;
thence, running along said former centerline, S.00°25'00"W., a distance of 150.00 feet to the Southeast croner of the herein described tract of land, being a point on the North Right-of-way line of Southern Avenue, SE;
thence, running along said Right-of-way line, S.00°50'00"W., a distance of 150.01 feet to the Southwest corner of the herein described tract and the place of beginning, and containing .5165 acres, more or less.

OWNER'S CERTIFICATION

Replatting of the above described parcel, now being designated as Lot 7A, Block 50, SKYLINE HEIGHTS, Albuquerque, New Mexico, is with the free consent and in accordance with the desires of the under-signed owners.

John Wighfill

Mike Craig

ACKNOWLEDGEMENT

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) ss

On this 1st day of May, 1986, the foregoing instrument was acknowledged before me.

My Commission expires _____.

Notary Public

OFFICIAL SEAL
PENNY MUIR
NOTARY PUBLIC STATE OF NEW MEXICO
Notary Bond Filed with Secretary of State
My Commission Expires 8-8-87

Subdivision No.

Planning Director Date

City Engineer Date

A.M.A.F.C.A. Date

Property Management Date

Chief City Engineer Date

Water Resources Date

Parks & Recreation Date

Traffic Engineer Date

SURVEYOR'S CERTIFICATE

I, Richard V. Hall, New mexico Registered Land Surveyor No. 7264, do hereby certify that this Plat was prepared by me or under my supervision, meets the minimum requirements of the Albuquerque Subdivision Ordinance, shows all easements of record, and is true and correct to the best of my knowledge and belief.

Richard V. Hall
RICHARD V. HALL, N.M.L.S. NO. 7264

RICHARD V. HALL N.M. 7264 REGISTERED LAND SURVEYOR

ACKNOWLEDGEMENT

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) ss

On this _____ day of _____, 1986, the foregoing instrument was acknowledged before me.

My Commission expires _____.

Notary Public

HALL ENGINEERING COMPANY INC.
337 EUBANK N.E., SUITE 103
ALBUQUERQUE, NEW MEXICO 87123
Phones: (505) 292-1115 & 292-1116

PLANS/PLATS ON FILE

FILE DESC: L20/D34

PLANS/PLATS 2

PLAN SHOT TWICE
ONCE ON LIGHT
ONCE ON DARK

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

R# 28 DATE 3-29-02 OP ESP

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 and was created in the normal course of business.

The photographic process used meets the Basic Microfilm Standards of the National Micrographics Association (MS14-1977)

DIRECTOR

NOTARY PUBLIC

OFFICIAL SEAL
Roberta Duran
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 07/02/02

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

C

B

A

SUBDIVISION DATA

1. DRB No. _____
2. Zone Atlas Index No. L-20
3. Current Zoning M-1
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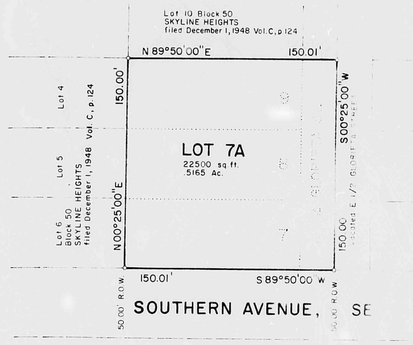
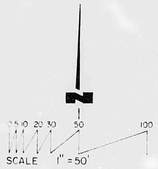
ALBUQUERQUE, NEW MEXICO
May 7, 1986





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BEGINNING at the Southeast Corner of the herein described tract of land, said corner being a point on the North Right-of-way line of Southern Avenue, SE, and being common to the Southwest corner of Lot 7, Block 50 of SKYLINE HEIGHTS, and running thence;
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Subdivision No. _____

Planning Director _____ Date _____

City Engineer _____ Date _____

A.M.A.F.C.A. _____ Date _____

Property Management _____ Date _____

Chief City Engineer _____ Date _____

Water Resources _____ Date _____

Parks & Recreation _____ Date _____

Traffic Engineer _____ Date _____

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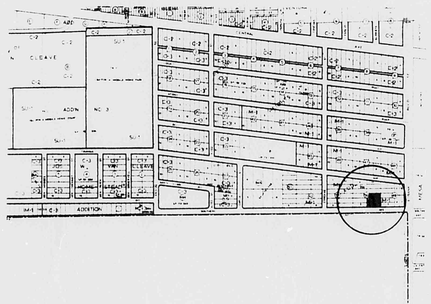

VICINITY MAP L-20-Z

OWNER'S CERTIFICATION

Replatting of the above described parcel, now being designated as Lot 7A, Block 50, SKYLINE HEIGHTS, Albuquerque, New Mexico, is with the free consent and in accordance with the desires of the undersigned owners.

John Highfill

Mike Craig

ACKNOWLEDGEMENT

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) SS

On this _____ day of _____, 1986, the foregoing instrument was acknowledged before me.

My Commission expires _____

OFFICIAL SEAL
PENNY MUHR

Notary Public

SURVEYOR'S CERTIFICATE

I, Richard V. Hall, New mexico Registered Land Surveyor No. 7264, do hereby certify that this Plat was prepared by me or under my supervision, meets the minimum requirements of the Albuquerque Subdivision Ordinance, shows all easements of record, and is true and correct to the best of my knowledge and belief.

Richard V. Hall
RICHARD V. HALL, N.M.L.S. NO. 7264

ACKNOWLEDGEMENT

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) SS

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My Commission expires _____.

Notary Public

HALL ENGINEERING COMPANY INC.
337 EUBANK N.E., SUITE 103
ALBUQUERQUE, NEW MEXICO 87123
Phones: (505) 292-1115 & 292-1116

PLAN SHOT TWICE
ONCE ON LIGHT
ONCE ON DARK

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

R# 28 DATE 3-27-02 OP E.P.

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** and was created in the normal course of business.

The photographic process used meets the Basic Microfilm Standards of the National Micrographics Association (MS18-1977)

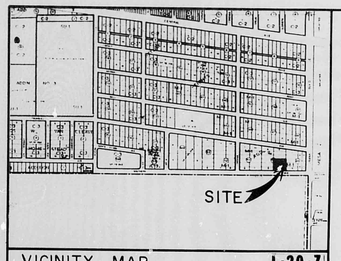
Thos. T. Allen 4/5/02
DIRECTOR

Roberta Duran
NOTARY PUBLIC

OFFICIAL SEAL
Roberta Duran
NOTARY PUBLIC
STATE OF NEW MEXICO
07/02/02

C20 B16 A12

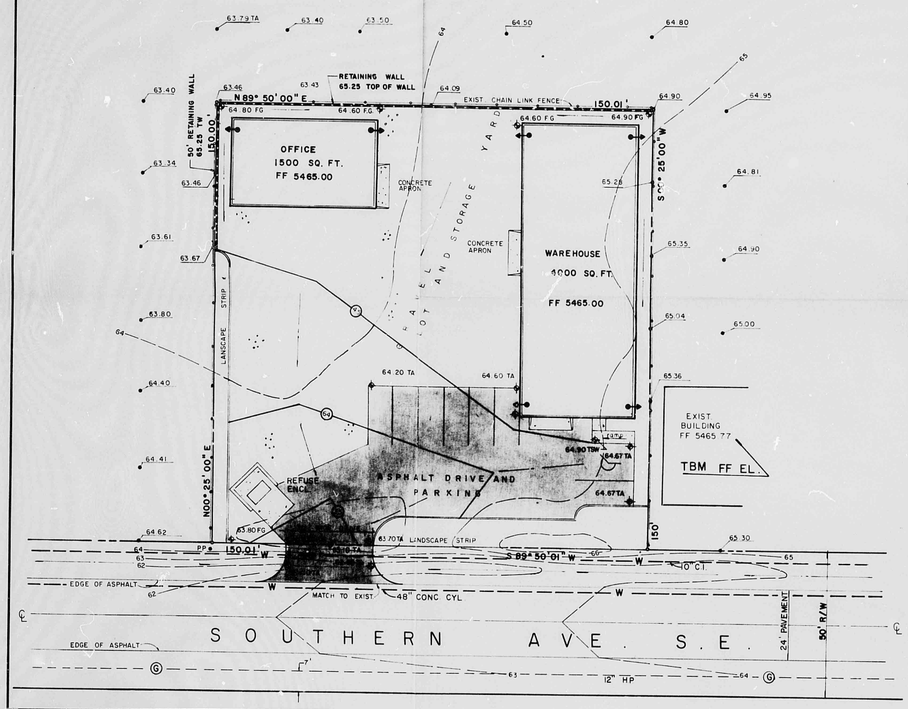
CITY OF ALBUQUERQUE C

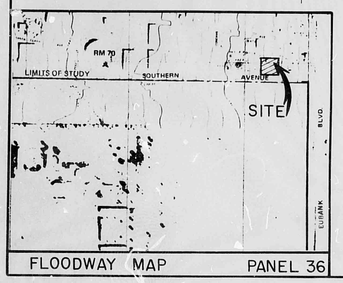


VICINITY MAP L-20-Z

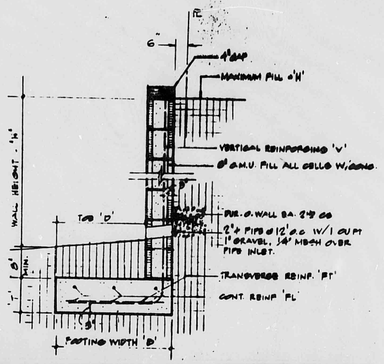
N

SCALE : 1" = 20'





FLOODWAY MAP PANEL 36



WALL HEIGHT 'H'	FOOTING WIDTH 'B'	TOP 'D'	FOOTING THICKNESS 'T'	VERTICAL REINFORCING 'V'	FOOTING REINFORCING TRANSVERSE 'FT'	FOOTING REINFORCING CONTINUOUS 'FL'
1'-4"	1'-4"	8"	8"	#5 @ 32" o.c.	#5 @ 32" o.c.	2-#5 @ CONT
2'-0"	1'-10"	14"	8"	#6 @ 24" o.c.	#5 @ 24" o.c.	2-#5 @ CONT.
2'-8"	2'-4"	1'-8"	8"	#7 @ 24" o.c.	#6 @ 24" o.c	3-#5 @ CONT.

EROSION CONTROL STATEMENT.

1. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC R.O.W. OR INTO PRIVATE PROPERTY. THIS CAN BE ACHIEVED BY CONSTRUCTING BERMS AT THE PROPERTY LINE AND WETTING THE SOIL TO KEEP IT FROM BLOWING
2. THIS IS THE CONTRACTORS RESPONSIBILITY TO OBTAIN A TOP SOIL DISTURBANCE PERMIT FROM THE ENVIROMENTAL HEALTH DEPARTMENT.

LEGEND

65	EXISTING CONTOUR
64	PROPOSED CONTOUR
64.95	EXISTING SPOT ELEVATION
64.67 TA	PROPOSED SPOT ELEVATION
TC	TOP OF CURB
TA	TOP OF ASPHALT
FL	FLOW LINE
	DIRECTION OF ROOF DRAIN
	FLOW DIRECTION

GRADING AND DRAINAGE PLAN FOR HANDCRAFTED IRON WORK

LOT 7A BLOCK 50
SKYLINE HEIGHTS

DATA

AREA OF SITE	22,500.334 SF 0.51654 ac.
SLOPE	1.14 % SE TO NW
SOILS GROUP	B
TIME OF CONCENTRATION	10 MINUTES
RAINFALL (PL. 22.2 D-1 DPM)	2.42"
INTENSITY I	$= (6.84)(R_6) / T^{0.51} = 5.12$ IN / HR

EXISTING CONDITION

SITE IS COVERED WITH NATURAL VEGETATION

IMPERVIOUS COVERAGE	0 %
$Q_{100} = CIA = (0.40)(5.12)(0.51654)$	= 1.06 cfs
$Q_{10} = 0.625\ Q_{100}$	= 0.66 cfs

EXISTING RUNOFF OVERFLOWS ONTO ADJACENT PROPERTIES ON THE NORTH AND EAST SIDE OF THE SITE.

OFF-SITE FLOW

THE SITE IS EXPOSED TO OFF-SITE FLOW FROM EAST BOUNDRY. HOWEVER, CONSTRUCTION OF A CHAIN LINK FENCE ON THE EAST PROPERTY LINE HAS CREATED 1 FOOT HIGH BERM WHICH IS INTERCEPTING THE FLOW FROM THAT DIRECTION.

PROPOSED SITE RUN-OFF

C - FACTOR

TYPE OF SURFACE	"C"	AREA (SF)	C X A
BUILDING	0.90	5,500	4,950
ASPHALT	0.95	5,825	5,534
LANDSCAPE AND GRAVEL	0.25	11,175	2,794

WEIGHTED "C" FACTOR $= \frac{13,278}{22,500} = 0.59$

$Q_{100} = (0.59)(5.12)(0.52)$	= 1.57 cfs
$Q_{10} = 0.625\ Q_{100}$	= 0.98 cfs

DISPOSAL

FREE DISCHARGE TO SOUTHERN AVENUE.
INCREASE IN PEAK RUNOFF (Q_{100}) = + 0.51 cfs
RUNOFF TRAVELS WEST ON SOUTHERN AVE. TO MOON ST., NORTH ON MOON TO A DROP INLET AT THE INTERSECTION OF MOON AND SUSAN AVE.

THIS SITE DEVELOPMENT IS URBAN INFILL AREA.
THE SITE IS NOT LOCATED IN A FLOOD ZONE.

LEGAL DESCRIPTION

LOT 7A BLOCK 50 SKYLINE HEIGHTS

BENCHMARK INFORMATION

STA. NM ACS "5-L20", A SQUARE, ☑, CHISELED ON TOP OF THE CONCRETE BASE OF A METALIC POWERLINE PYLON LOCATED, 55' WEST OF THE CENTERLINE OF EUBANK BLVD., 0.45 MILES SOUTH OF THE INTERSECTION OF CENTRAL AVE.

PERFORMED FOR

HANDCRAFTED IRON WORK

RICHARD V. HALL NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

June 12, 1986

RECEIVED JUN 16 1986 HYDROLOGY SECTION

HALL ENGINEERING COMPANY INC.
337 EUBANK N.E., SUITE 103
ALBUQUERQUE, NEW MEXICO 87123
Phone#: (505) 292-1115 & 292-1116

PLAN SHOT TWICE
ONCE ON LIGHT
ONCE ON DARK

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

R# 28 DATE 7-29-02 OPER. E.P.

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 and was created in the normal course of business.

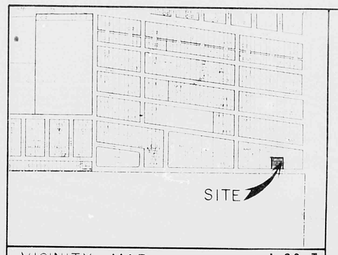
The photographic process used meets the Basic Microfilm Standards of the National Micrographics Association (MS116/1977)

DIRECTOR

NOTARY PUBLIC

OFFICIAL SEAL
Roberta Duran
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 07/02/02

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



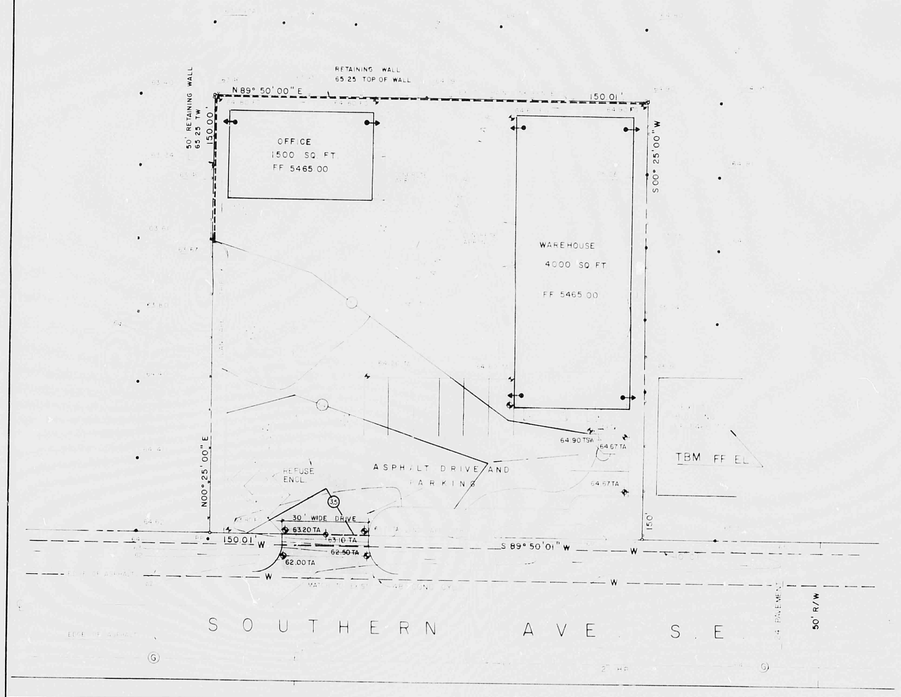
VICINITY MAP L-20-Z

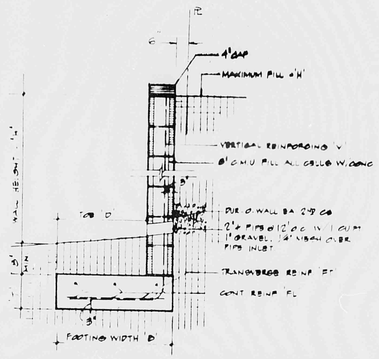
N

SCALE 1" = 20'

GRADING AND DRAINAGE PLAN FOR HANDCRAFTED IRON WORK

LOT 7A BLOCK 50
SKYLINE HEIGHTS





WALL HEIGHT H	FOOTING WIDTH B	TOE T	FOOTING THICKNESS T	VERTICAL REINFORCING V	FOOTING REINFORCING TRANSVERSE FT	FOOTING REINFORCING CONTINUOUS FL
1' 4'	1' 4'	8"	8"	#5 @ 32" O.C.	#5 @ 32" O.C.	2-#3 CONT
2' 0"	1' 10"	1'4"	8"	#6 @ 24" O.C.	#5 @ 24" O.C.	2-#3 CONT
2' 8"	2' 4"	1'8"	8"	#6 @ 24" O.C.	#6 @ 24" O.C.	3-#3 CONT

EROSION CONTROL STATEMENT

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LEGEND

(64)	EXISTING CONTOUR
	PROPOSED CONTOUR
•	EXISTING SPOT ELEVATION
✓	PROPOSED SPOT ELEVATION
TC	TOP OF CURB
TA	TOP OF ASPHALT
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INCREASE IN PEAK RUNOFF (Q_{100}) (1.57 - 0.51) cfs
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PREPARED FOR

HANDCRAFTED IRON WORK

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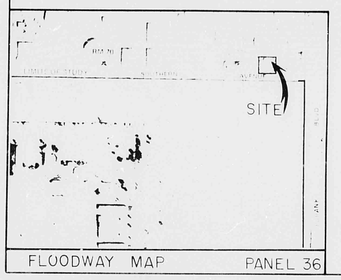

FLOODWAY MAP PANEL 36

PLAN SHOT TWICE
ONCE ON LIGHT
ONCE ON DARK

CITY OF ALBUQUERQUE
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R# 38 DATE 3-27-02 OP

CITY OF ALBUQUERQUE

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DIRECTOR

NOTARY PUBLIC

OFFICIAL SEAL
Roberta Duran
NOTARY PUBLIC
07/02/02

D 24 C 20 B 16 A 12

CITY OF ALBUQUERQUE C D