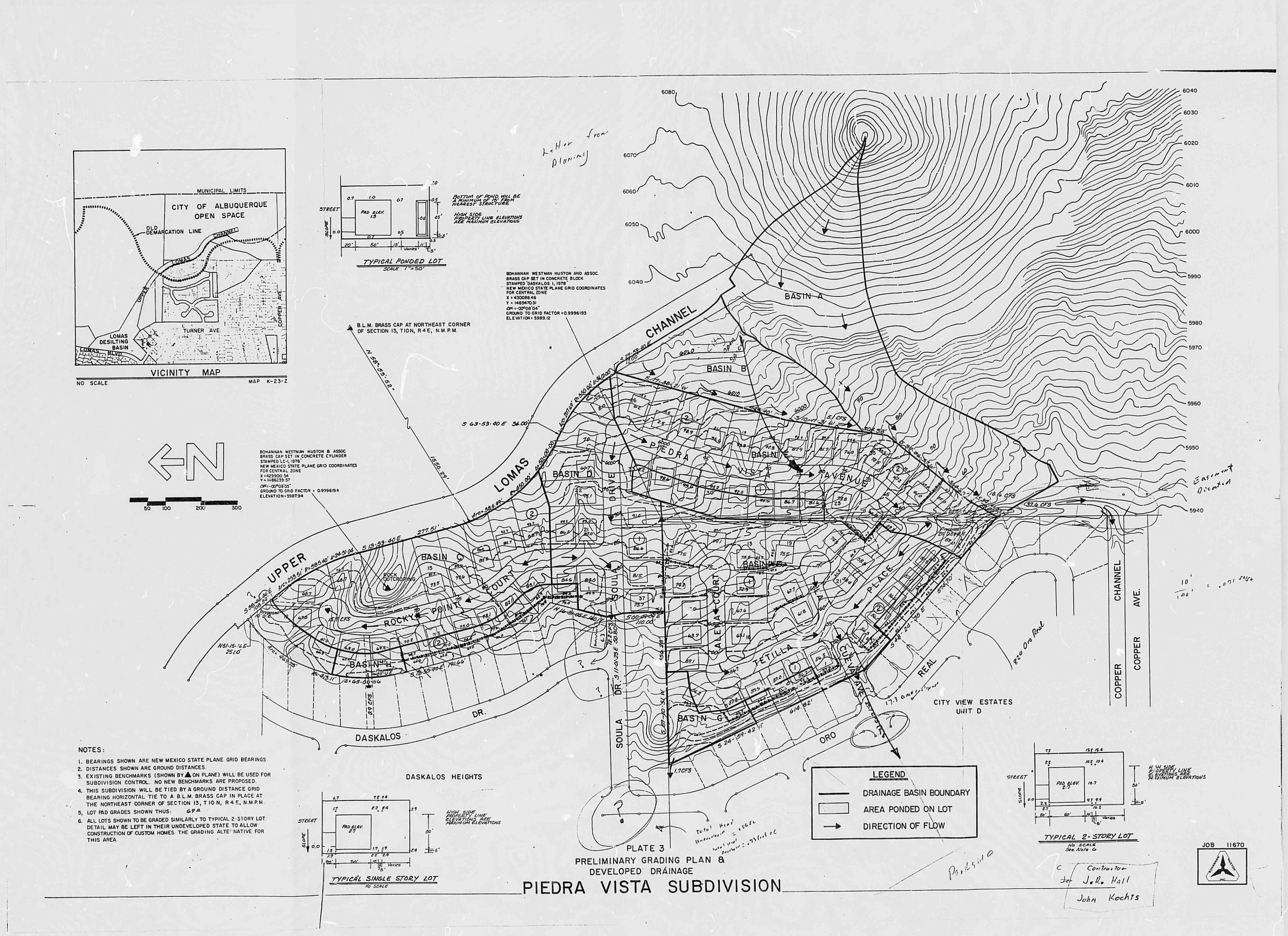
Hydrology

File No. K-23/D017

1 of 2


MUNICIPAL LIMITS
CITY OF ALBUQUERQUE OPEN SPACE
OLD DEMARCATION LINE
CHANNEL
LOMAS
COPPER AVE.
TURNER AVE.
LOMAS DESILTING BASIN
VICINITY MAP
NO SCALE
MAP K-23-Z
N
0 50 100 200 300
STREET
SLOPE
PAD ELEV. 1.3
TYPICAL PONDED LOT
SCALE: 1"=50'
BOTTOM OF POND WILL BE A MINIMUM OF 15' FROM NEAREST STRUCTURE
HIGH SIDE PROPERTY LINE ELEVATIONS ARE MAXIMUM ELEVATIONS
Letter from Planning
B.L.M. BRASS CAP AT NORTHEAST CORNER OF SECTION 13, T10N, R4E, N.M.P.M.
N 58°-55'-52"
1550.29'
BOHANNAN WESTMAN HUSTON AND ASSOC. BRASS CAP SET IN CONCRETE BLOCK STAMPED 'DASKALOS 1, 1978' NEW MEXICO STATE PLANE GRID COORDINATES FOR CENTRAL ZONE X = 430086.46 Y = 1485470.31 Δα = -00°08'04" GROUND TO GRID FACTOR = 0.9996193 ELEVATION = 5989.12
BOHANNAN WESTMAN HUSTON & ASSOC. BRASS CAP SET IN CONCRETE CYLINDER STAMPED 'LC-1, 1976' NEW MEXICO STATE PLANE GRID COORDINATES FOR CENTRAL ZONE X = 429900.54 Y = 1486239.57 Δα = -00°08'05" GROUND TO GRID FACTOR = 0.9996194 ELEVATION = 5987.94
S 63-53-40 E 36.00'
S 13-53-40 E 277.51'
UPPER LOMAS CHANNEL
BASIN A
BASIN B
BASIN C
BASIN D
BASIN G
BASIN H
PIEDRA VISTA AVENUE
ROCKY POINT COURT
SOULA DRIVE
SALERO COURT
JETILLA PLACE
REAL
ORO
DASKALOS DR.
DASKALOS HEIGHTS
CITY VIEW ESTATES UNIT D
COPPER AVE.
CHANNEL
Easement Dedicated
1.7CFS
Total Head Undeveloped = .56 ft
Total Head Developed = .73 feet ol
6080
6070
6060
6050
6040
6030
6020
6010
6000
5990
5980
5970
5960
5950
5940
LEGEND
DRAINAGE BASIN BOUNDARY
AREA PONDED ON LOT
DIRECTION OF FLOW
PAD ELEV. 2.7
HIGH SIDE PROPERTY LINE ELEVATIONS ARE MAXIMUM ELEVATIONS
TYPICAL 2-STORY LOT
No Scale
See Note 6
PAD ELEV. 2.7
TYPICAL SINGLE STORY LOT
NO SCALE
JOB 11670
Parkside
Contractor
J.R. Hall
John Kochis

NOTES:

1. BEARINGS SHOWN ARE NEW MEXICO STATE PLANE GRID BEARINGS.
2. DISTANCES SHOWN ARE GROUND DISTANCES.
3. EXISTING BENCHMARKS (SHOWN BY ▲ ON PLANE) WILL BE USED FOR SUBDIVISION CONTROL. NO NEW BENCHMARKS ARE PROPOSED.
4. THIS SUBDIVISION WILL BE TIED BY A GROUND DISTANCE GRID BEARING HORIZONTAL TIE TO A B.L.M. BRASS CAP IN PLACE AT THE NORTHEAST CORNER OF SECTION 13, T 10 N, R 4 E, N.M.P.M.
5. LOT PAD GRADES SHOWN THUS: 69.2
6. ALL LOTS SHOWN TO BE GRADED SIMILARLY TO TYPICAL 2-STORY LOT DETAIL MAY BE LEFT IN THEIR UNDEVELOPED STATE TO ALLOW CONSTRUCTION OF CUSTOM HOMES. THE GRADING ALTERNATIVE FOR THIS AREA.

PLATE 3
PRELIMINARY GRADING PLAN & DEVELOPED DRAINAGE

PIEDRA VISTA SUBDIVISION

PLANS/PLATS ON FILE

FILE DESC: K-23/D017

PLANS/PLATS 5

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

R# 22 DATE 6-25-93 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 - 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).

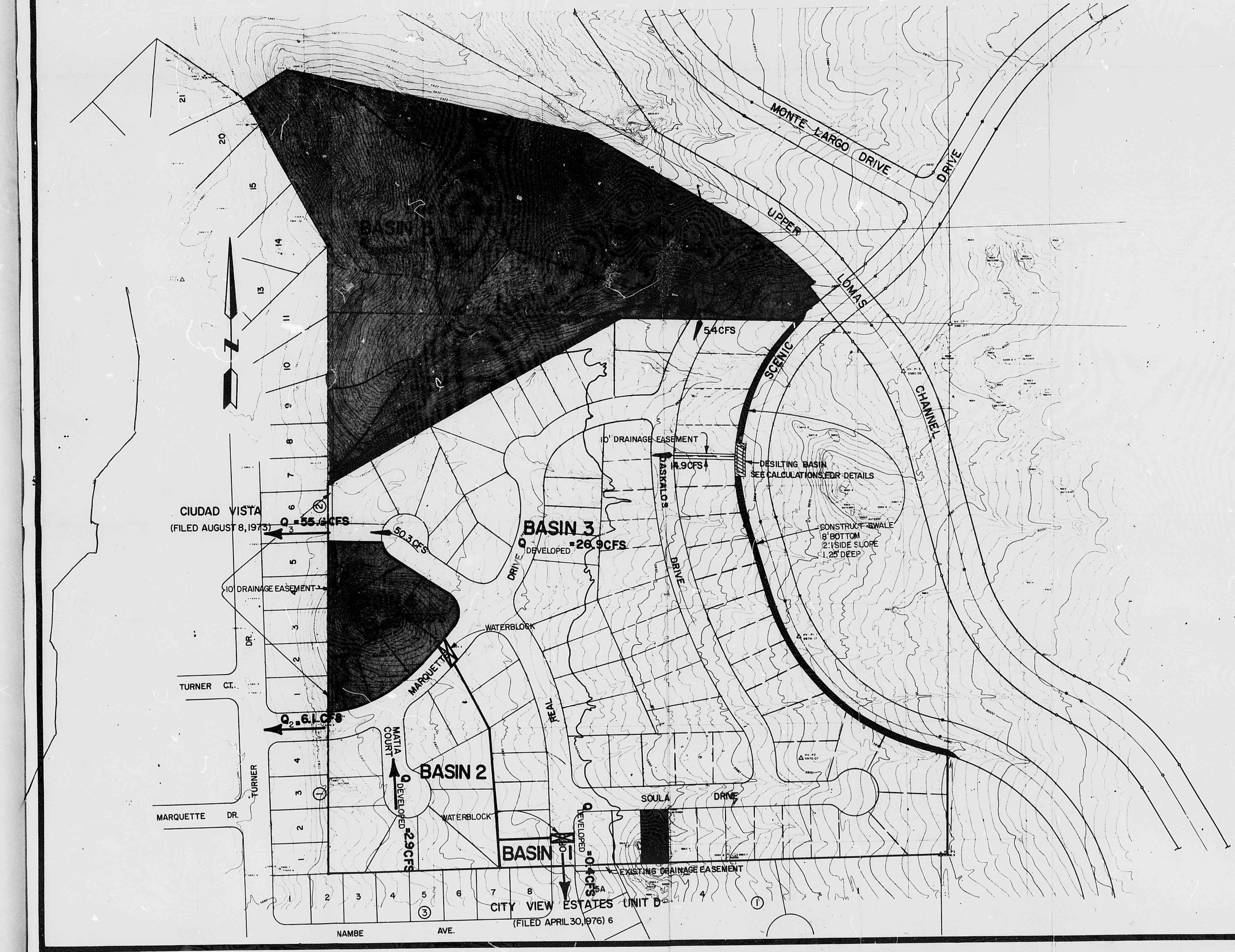
Karen Reeves
CITY CLERK RECORDER

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

D 24 C 20 B 16 A 12

CITY OF ALBUQUERQUE C D

DEVELOPMENT PLAN
LAND OF PETE DASKALOS
ALBUQUERQUE, NEW MEXICO
SCALE: 1" = 100' JULY 1977

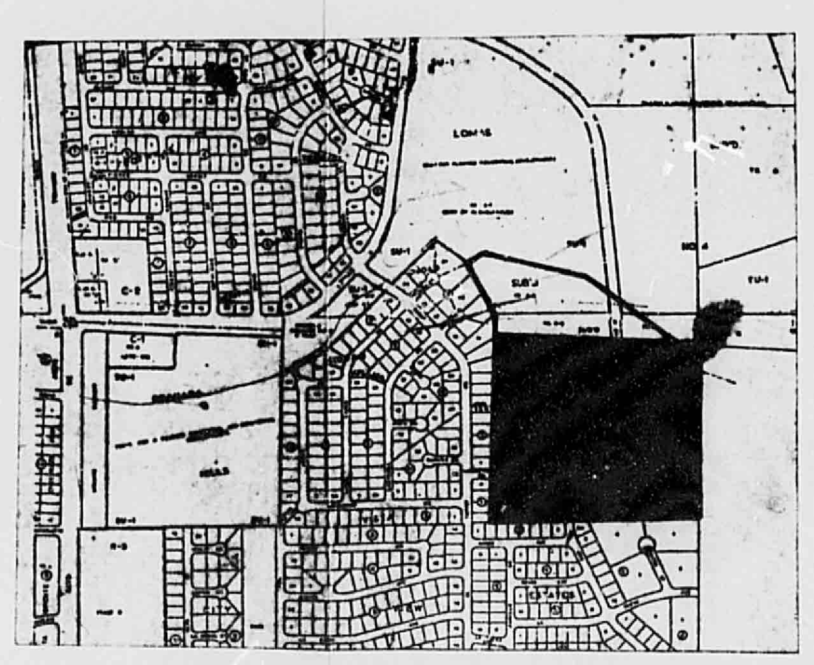


LEGEND:

▆	ROCKY AREAS - NOT PONDED
┈	RETAINING WALL
▨	DESILTING BASIN
▬	SWALE

$Q_{TOTAL\ DEVELOPED} = 62.1$ CFS

PLATE 2
DEVELOPED RUNOFF



VICINITY MAP
NO SCALE
ZONE ATLAS SHEET NO.

Owner:
Pete Daskalos
5321 Menaul N.E.
Albuquerque New Mexico

Agent:
Bohannan-Huston Inc.
4125 Carlisle Blvd. N.E.
Albuquerque New Mexico
87107

78-017

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

CITY OF ALBUQUERQUE
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R# 22 DATE 6-25-93 OP E.P.

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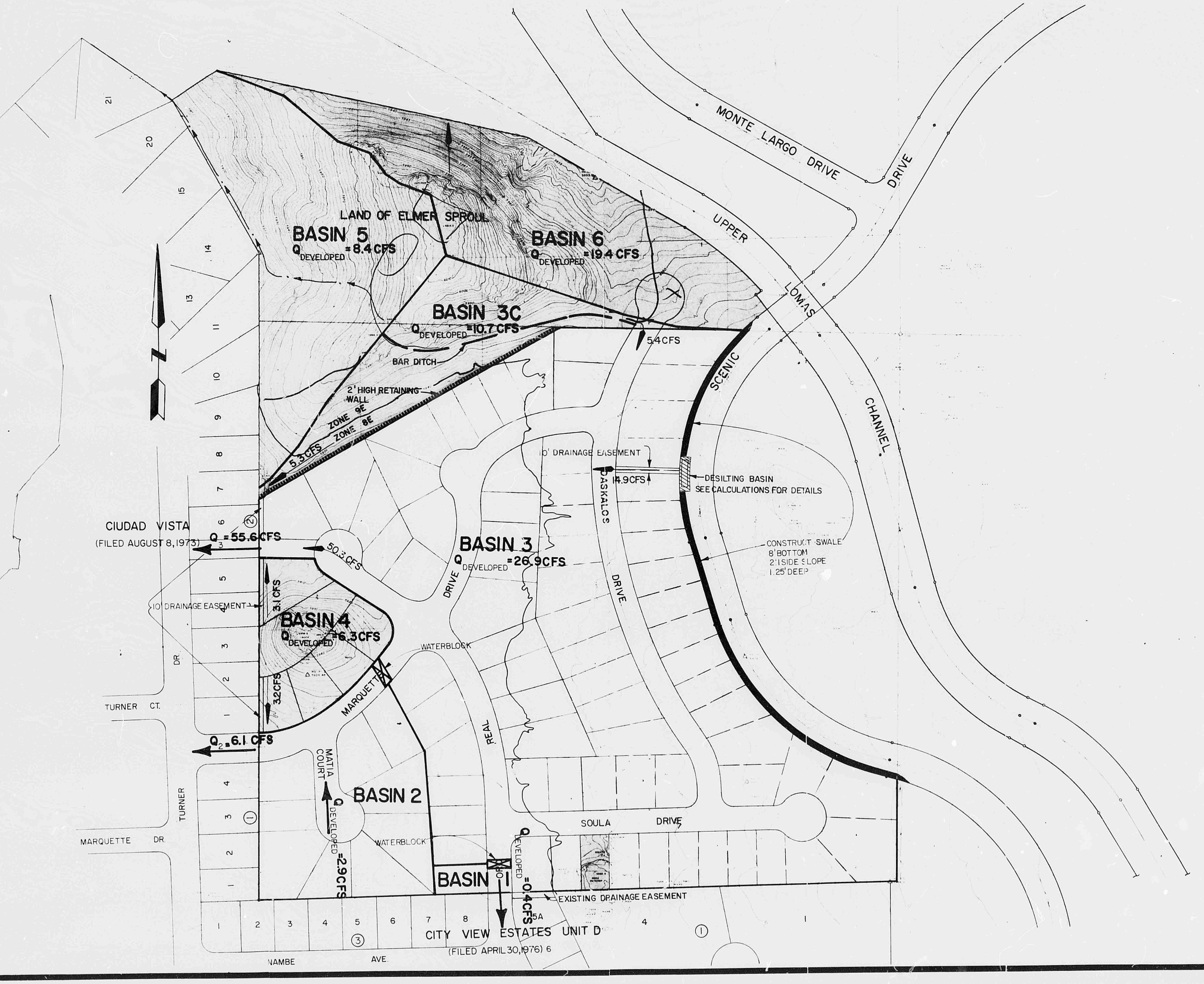
Karen Reeves
CITY CLERK RECORDER

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

DEVELOPMENT PLAN
LAND OF PETE DASKALOS
ALBUQUERQUE, NEW MEXICO
SCALE: 1" = 100'
JULY 1977



LEGEND:

▭ ROCKY AREAS - NOT PONDED

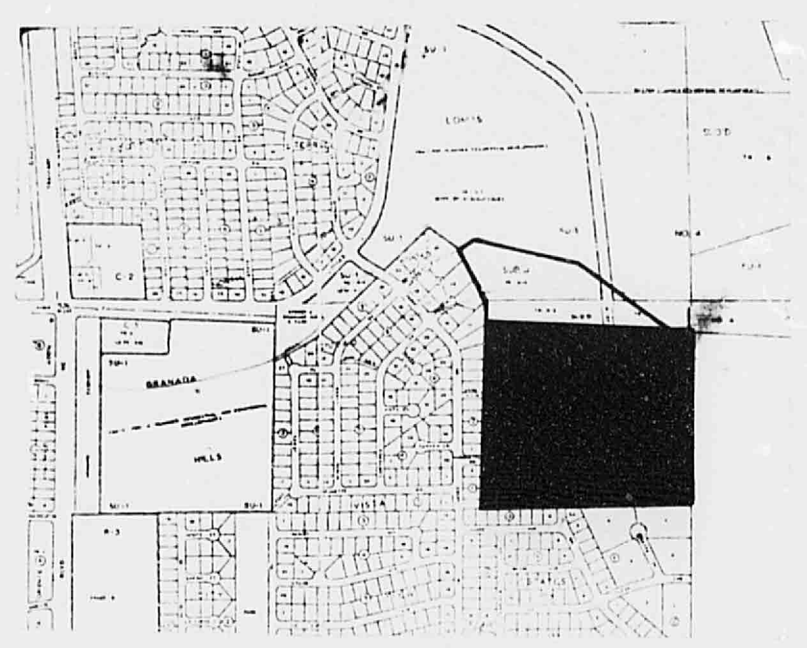
┈ RETAINING WALL

▨ DESILTING BASIN

▬ SWALE

$Q_{TOTAL\ DEVELOPED}$ = 62.1 CFS

PLATE 2
DEVELOPED RUNOFF



VICINITY MAP
NO SCALE
ZONE ATLAS SHEET NO.

Owner
Pete Daskalos
5321 Menaul NE
Albuquerque New Mexico

Agent
Bohannan-Huston Inc.
4125 Carlisle Blvd NE
Albuquerque New Mexico
87107

78-017

BOHANNAN WESTMAN HUSTON

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ONCE ON LIGHT AND
ONCE ON DARK.

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R# 22 DATE 6-25-93 OP EP

CITY OF ALBUQUERQUE

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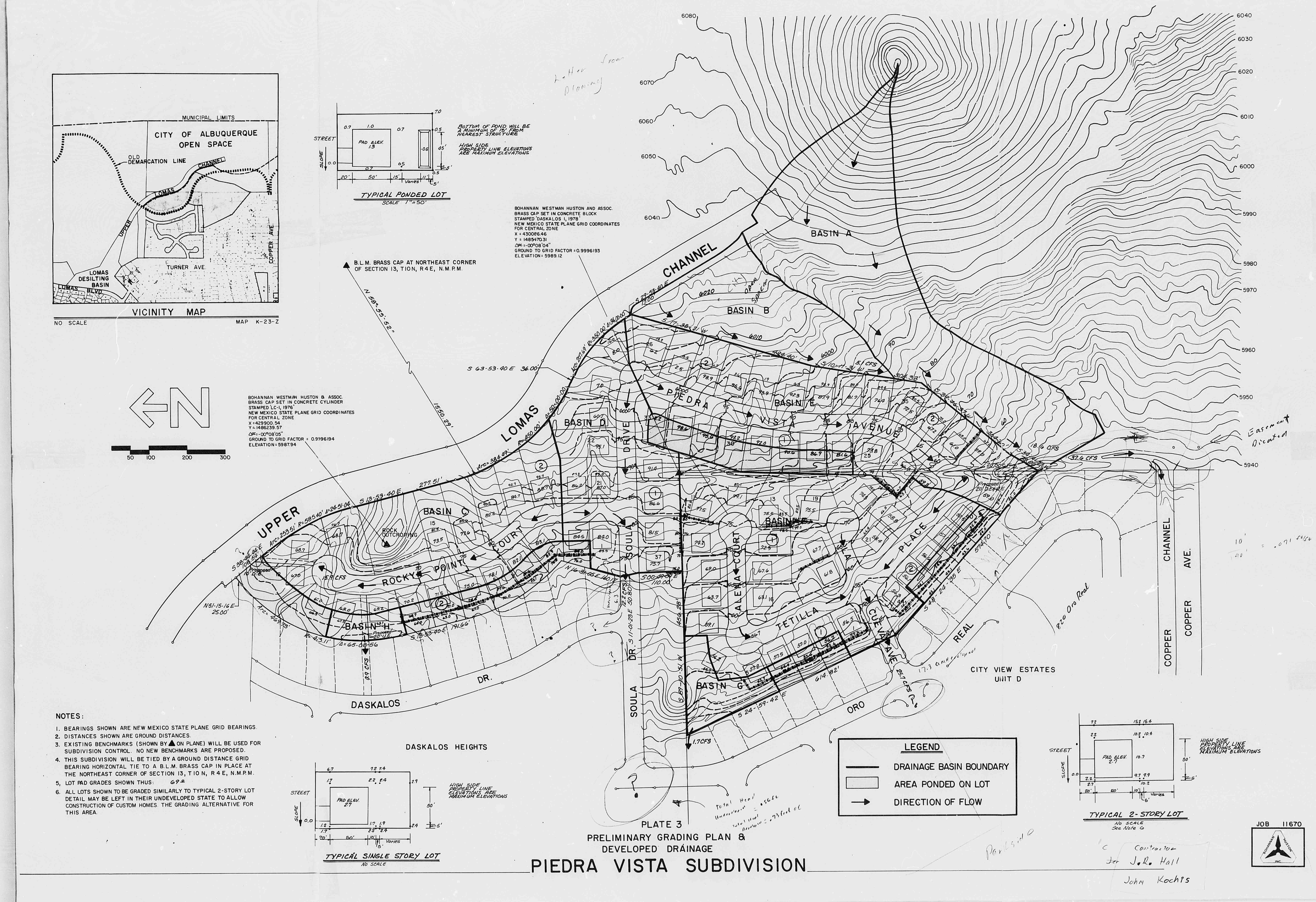
Karen Reeves
CITY CLERK RECORDER

NORBERTA SANCHEZ
My Commission Expires MAY 8 1995
Norberta Sanchez

D 24 C 20 B 16 A 12

CITY OF ALBUQUERQUE C D



B.L.M. BRASS CAP AT NORTHEAST CORNER OF SECTION 13, T10N, R4E, N.M.P.M.

BOHANNAN WESTMAN HUSTON AND ASSOC.
BRASS CAP SET IN CONCRETE BLOCK
STAMPED 'DASKALOS 1, 1978'
NEW MEXICO STATE PLANE GRID COORDINATES
FOR CENTRAL ZONE
X = 430086.46
Y = 1485470.31
$\Delta\alpha$ = -00°08'04"
GROUND TO GRID FACTOR = 0.9996193
ELEVATION = 5989.12

BOHANNAN WESTMAN HUSTON & ASSOC.
BRASS CAP SET IN CONCRETE CYLINDER
STAMPED 'LC-1, 1976'
NEW MEXICO STATE PLANE GRID COORDINATES
FOR CENTRAL ZONE
X = 429900.54
Y = 1486239.57
$\Delta\alpha$ = -00°08'05"
GROUND TO GRID FACTOR = 0.9996194
ELEVATION = 5987.94

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5. LOT PAD GRADES SHOWN THUS: 69.2
6. ALL LOTS SHOWN TO BE GRADED SIMILARLY TO TYPICAL 2-STORY LOT DETAIL MAY BE LEFT IN THEIR UNDEVELOPED STATE TO ALLOW CONSTRUCTION OF CUSTOM HOMES. THE GRADING ALTERNATIVE FOR THIS AREA.

LEGEND

━	DRAINAGE BASIN BOUNDARY
▭	AREA PONDED ON LOT
→	DIRECTION OF FLOW

Easement Dedicated

Total Head Undeveloped = .56 ft
Total Head Developed = .73 feet of

Parkside

Contractor
for J.R. Hall
John Kochis

PLATE 3
PRELIMINARY GRADING PLAN &
DEVELOPED DRAINAGE

PIEDRA VISTA SUBDIVISION

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

CITY OF ALBUQUERQUE
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R# 22 DATE 6-25-93 OP E.S.P.
CITY OF ALBUQUERQUE
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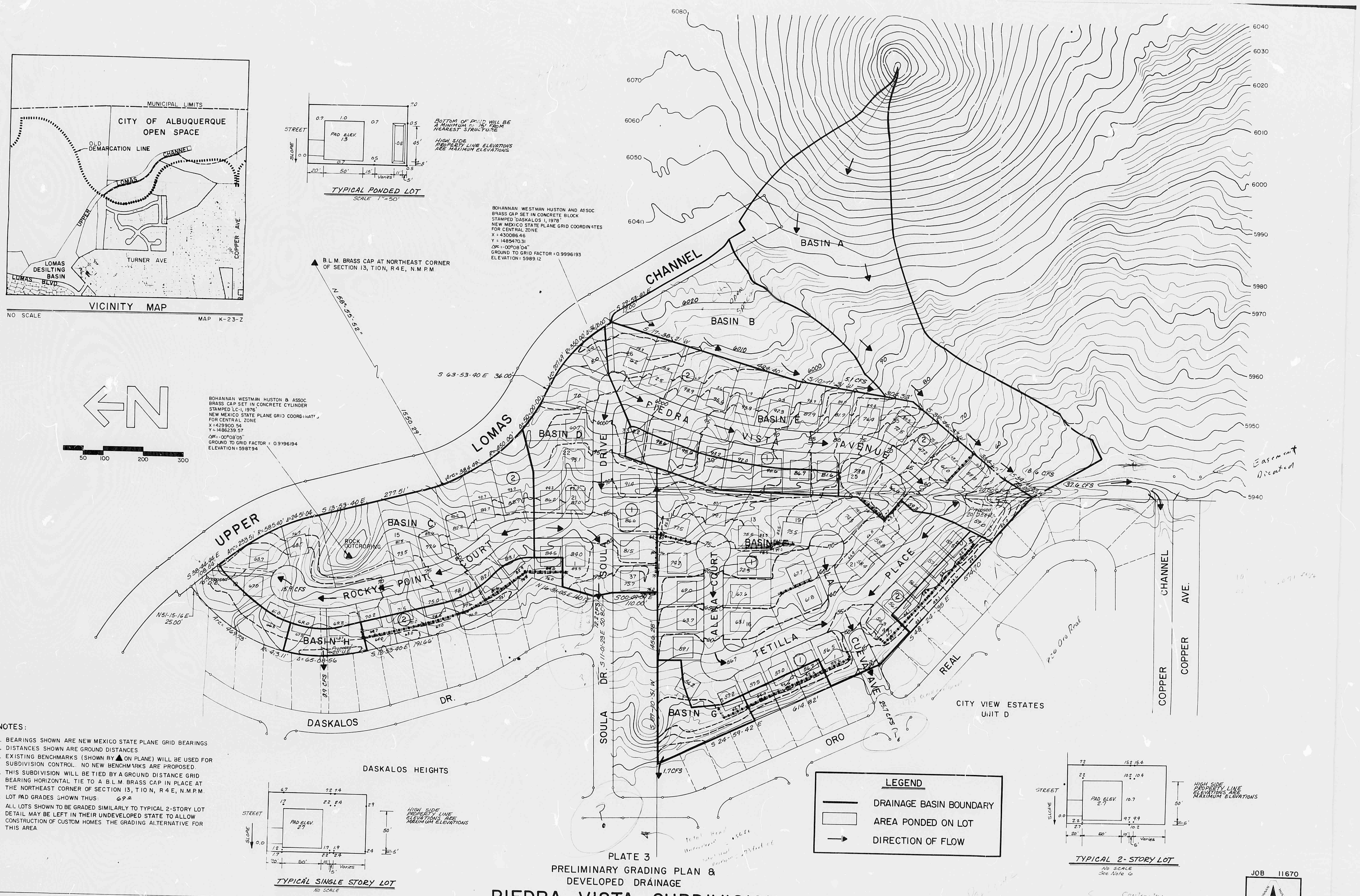
The photographic processes used meet the Basic Microfilm Standards of the National Micrographics Association (MS115-1977).
Karen Acevez
CITY CLERK RECORDER
OFFICIAL SEAL
NORBERTA SANCHEZ
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires: MAY 8 1995
Norberta Sanchez

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

Hydrology File No. K-23/D017 2 of 2



BOHANNAN WESTMAN HUSTON AND ASSOC
BRASS CAP SET IN CONCRETE BLOCK
STAMPED 'DASKALOS 1, 1978'
NEW MEXICO STATE PLANE GRID COORDINATES
FOR CENTRAL ZONE
X = 430086.46
Y = 1485470.31
$\Delta\alpha$ = -00°08'04"
GROUND TO GRID FACTOR = 0.9996193
ELEVATION = 5989.12

BOHANNAN WESTMAN HUSTON & ASSOC.
BRASS CAP SET IN CONCRETE CYLINDER
STAMPED 'LC-1, 1976'
NEW MEXICO STATE PLANE GRID COORDINATES
FOR CENTRAL ZONE
X = 429900.54
Y = 1486239.57
$\Delta\alpha$ = -00°08'05"
GROUND TO GRID FACTOR = 0.9996194
ELEVATION = 5987.94

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LEGEND

━	DRAINAGE BASIN BOUNDARY
▭	AREA PONDED ON LOT
→	DIRECTION OF FLOW

Total Head Undeveloped = .56 ft
Total Head Developed = .73 feet of

PLATE 3
PRELIMINARY GRADING PLAN &
DEVELOPED DRAINAGE

PIEDRA VISTA SUBDIVISION

Contractor
for J. R. Hall
John Kochis

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

CITY OF ALBUQUERQUE
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R# 22 DATE 6-25-93 OP EJP

CITY OF ALBUQUERQUE

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Karen Reeves
CITY CLERK RECORDER

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

D 24 C 20 B 16 A 12

CITY OF ALBUQUERQUE C D

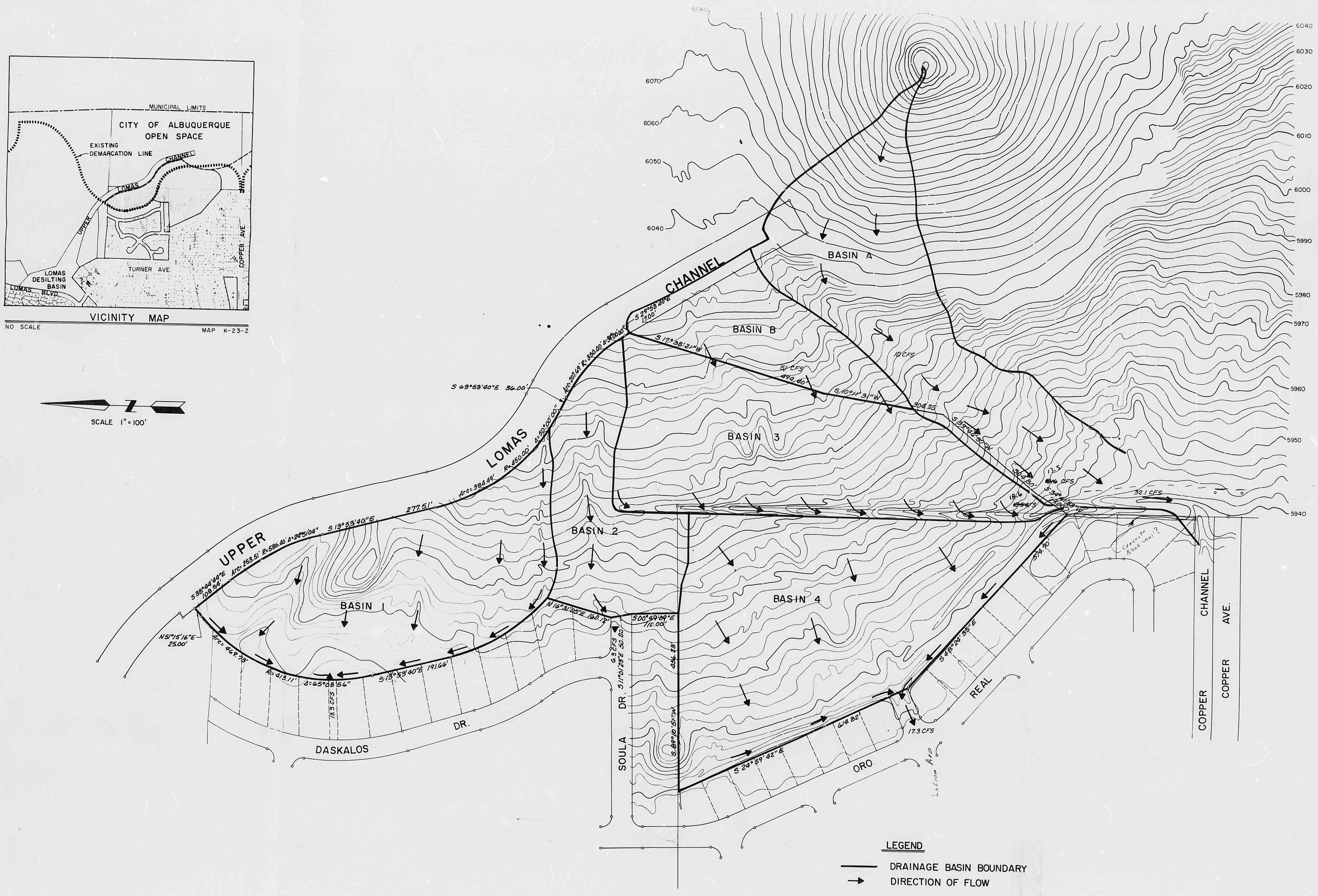

PLATE 2
UNDEVELOPED DRAINAGE

PIEDRA VISTA SUBDIVISION

JOB 11670

CITY OF ALBUQUERQUE
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Karen Acevez
CITY CLERK RECORDER

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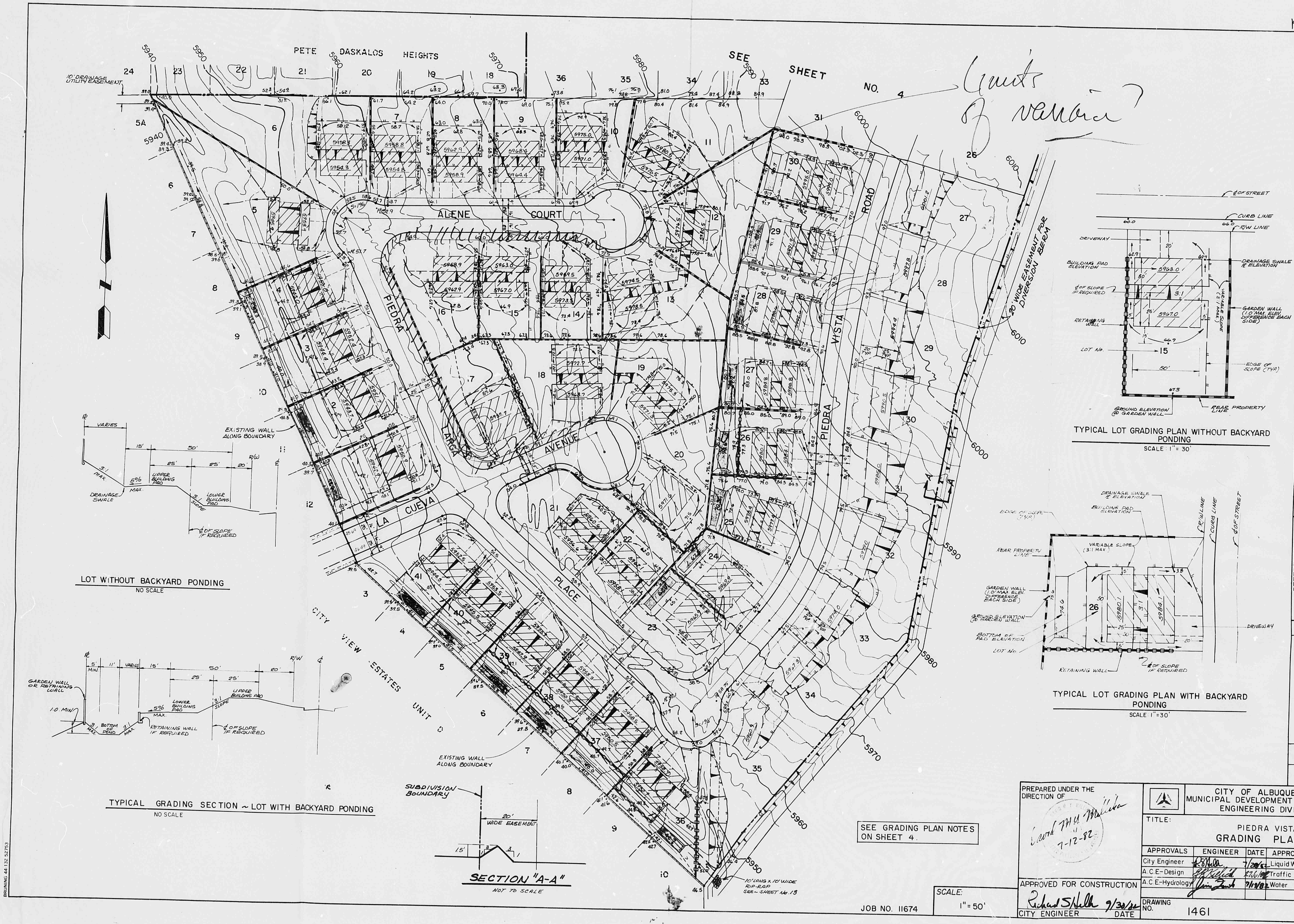
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires: May 8 1995
Norberta Sanchez

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

1841

K23 D17



Limits of variance?

LOT WITHOUT BACKYARD PONDING
NO SCALE

TYPICAL GRADING SECTION ~ LOT WITH BACKYARD PONDING
NO SCALE

SECTION "A-A"
NOT TO SCALE

TYPICAL LOT GRADING PLAN WITHOUT BACKYARD PONDING
SCALE 1" = 30'

TYPICAL LOT GRADING PLAN WITH BACKYARD PONDING
SCALE 1" = 30'

SEE GRADING PLAN NOTES ON SHEET 4.

JOB NO. 11674

SCALE: 1" = 50'

REFERENCES	
MAP NO. K-23 D4	
EST. NO.	W.O. NO.

SURVEY INFORMATION		
NO.	BY	DATE

BENCH MARKS

LOCATED AT THE BRASS CAP SET IN CONCRETE BLOCK STAMPED "DASKALOS 1, 1978" ON SOUTHERLY LINE OF LOT 33, BLOCK 1.
ELEV. = 5989.12

AS-BUILT INFORMATION

CONTRACTOR		
WORK STAKED BY		DATE
INSPECTOR'S ACCEPTANCE BY		DATE
FIELD VERIFICATION BY		DATE
DRAWINGS CORRECTED BY		DATE

MICRO-FILM INFORMATION

RECORDED BY		DATE
NO.		

NO.	DATE	REMARKS	BY
2	10/82	Revised Grades @ La Cueva Ave	H.S.

REVISIONS

DESIGN

DESIGNED BY HS & MCQ DATE MAY 1982
DRAWN BY MCQ DATE MAY 1982
CHECKED BY HS DATE MAY 1982

PREPARED UNDER THE DIRECTION OF
David M. Y. Millika
7-12-82

APPROVED FOR CONSTRUCTION
Richard S. Heller 9/30/82
CITY ENGINEER DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE:
PIEDRA VISTA
GRADING PLANS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	R.S. Heller	7/20/82	Liquid Waste	NA	
A.C.E.-Design		7/20/82	Traffic	DWH	7/15/82
A.C.E.-Hydrology	Jim Frank	7/19/82	Water	NA	

DRAWING NO. 1461
SHEET 5 OF 15

1841

DRB-82-210

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

CITY OF ALBUQUERQUE
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R# 22 DATE 6-25-93 OP K.S.P.

CITY OF ALBUQUERQUE

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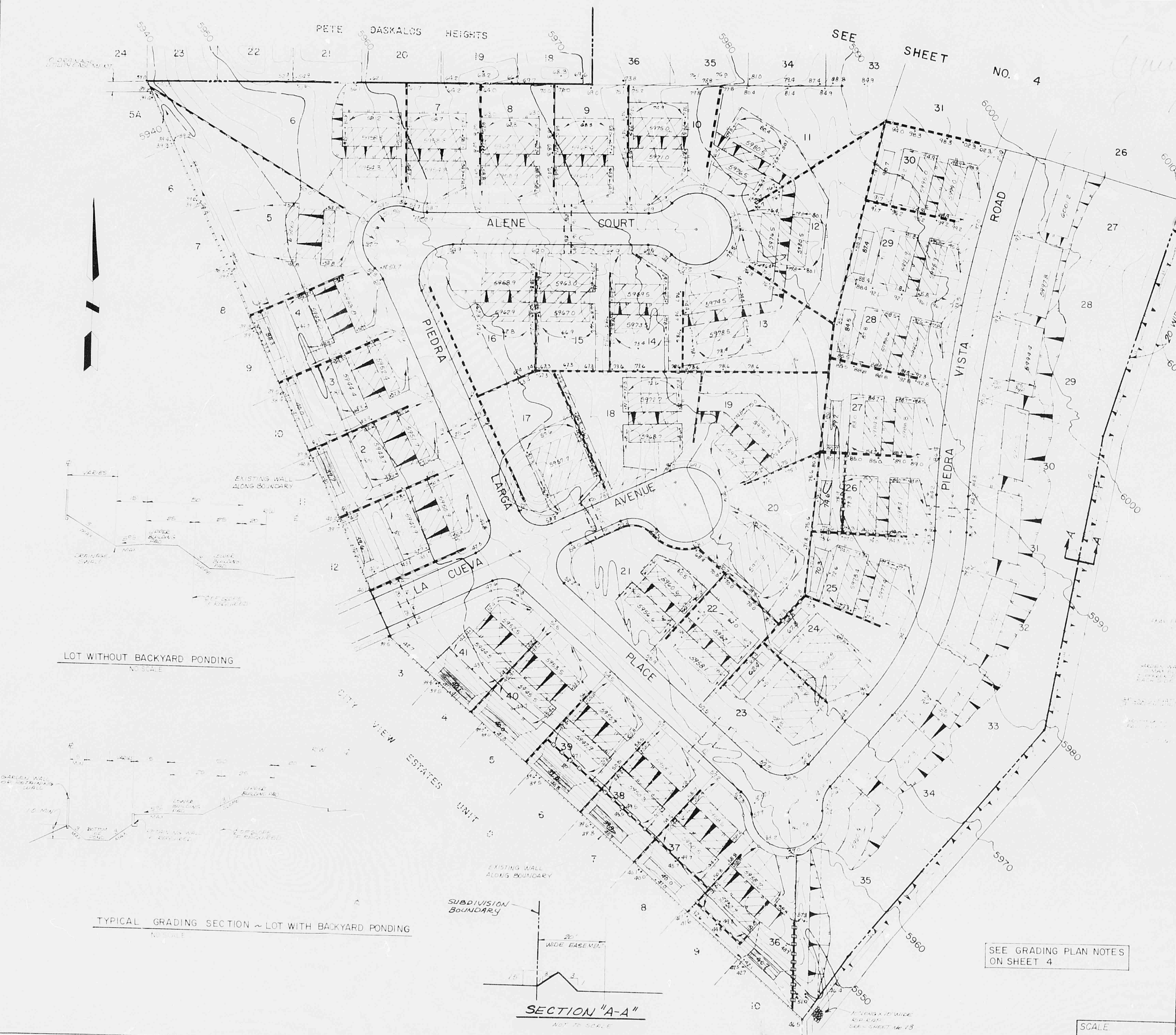
Karen Reeves
CITY CLERK RECORDER

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

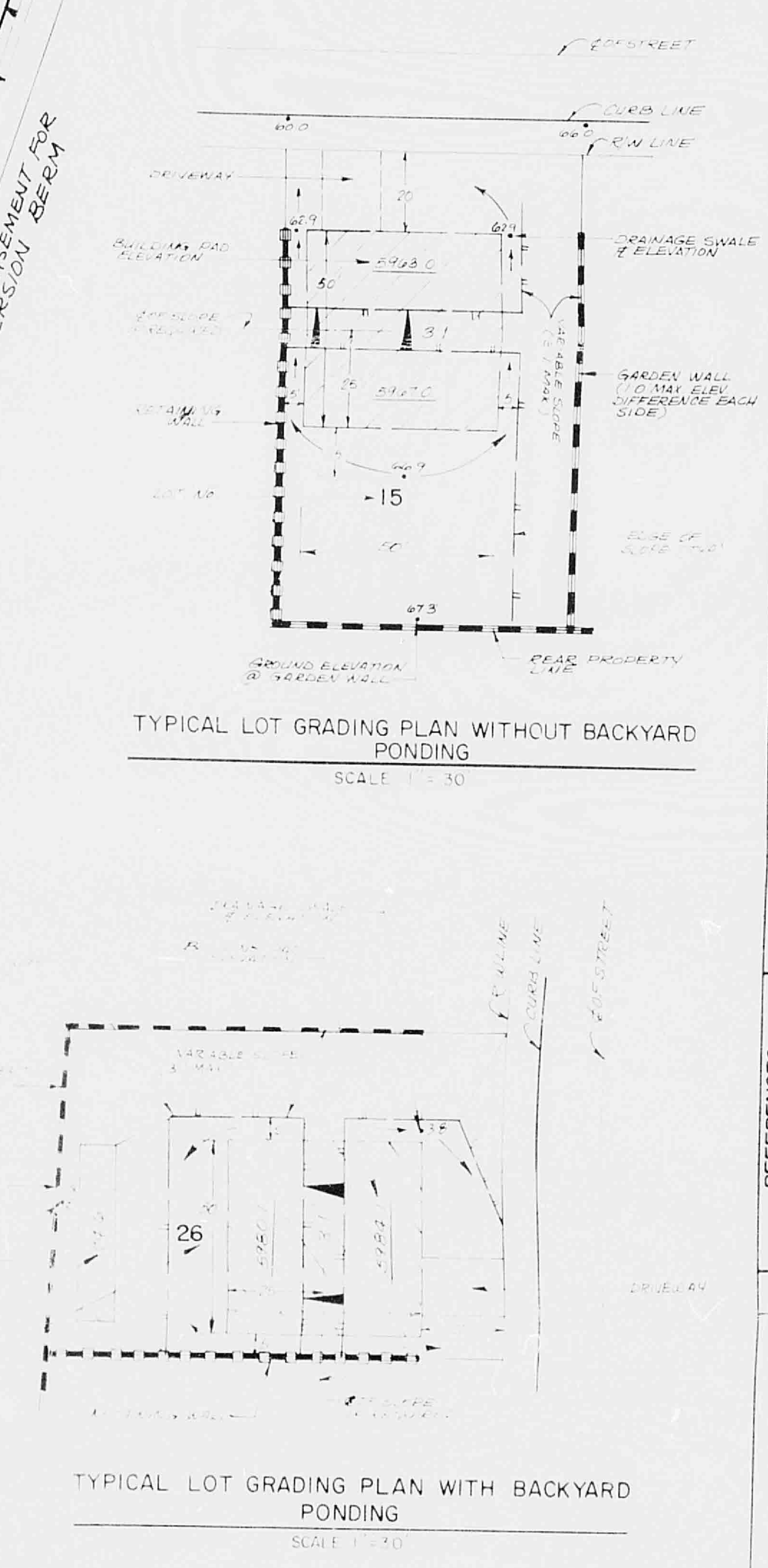
D 24 C 20 B 16 A 12 CITY OF ALBUQUERQUE C D

1461

K23 D17



SEE GRADING PLAN NOTES ON SHEET 4


TYPICAL LOT GRADING PLAN WITHOUT BACKYARD PONDING

TYPICAL LOT GRADING PLAN WITH BACKYARD PONDING

JOB NO 11674

SCALE 1"=50'

AS-BUILT INFORMATION

CONTRACTOR
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

BENCH MARKS

LOCATED AT THE BRASS CAP SET IN CONCRETE BLOCK STAMPED "DASKALOS 1, 1978" ON SOUTHERLY LINE OF LOT 33, BLOCK 1.
ELEV. = 5989.12

SURVEY INFORMATION

NO	BY	DATE

REFERENCES

MAP NO K-23
EST NO — WO NO

REVISIONS

NO.	DATE	REMARKS	BY
△	10/82	Revised Grades @ La Cueva Ave	HS

DESIGN

DESIGNED BY HS & MCQ — DATE MAY 1982
DRAWN BY MCQ — DATE MAY 1982
CHECKED BY HS — DATE MAY 1982

PREPARED UNDER THE DIRECTION OF
7-12-82

APPROVED FOR CONSTRUCTION
Richard S. Heller 9/30/82
CITY ENGINEER — DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE:
PIEDRA VISTA
GRADING PLANS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	R.S.Heller	7/20/82	Liquid Waste	NA	
A.C.E.-Design		7/16/82	Traffic	DWH	7/15/82
A.C.E.-Hydrology	Jim	7/19/82	Water	NA	

DRAWING NO. 1461
SHEET 5 OF 15

1461

DRB-82-210

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ONCE ON LIGHT AND
ONCE ON DARK.

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R# 22 DATE 6-25-93 OP EJP

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D 24
C 20
B 16
A 12

CITY OF ALBUQUERQUE

C
D