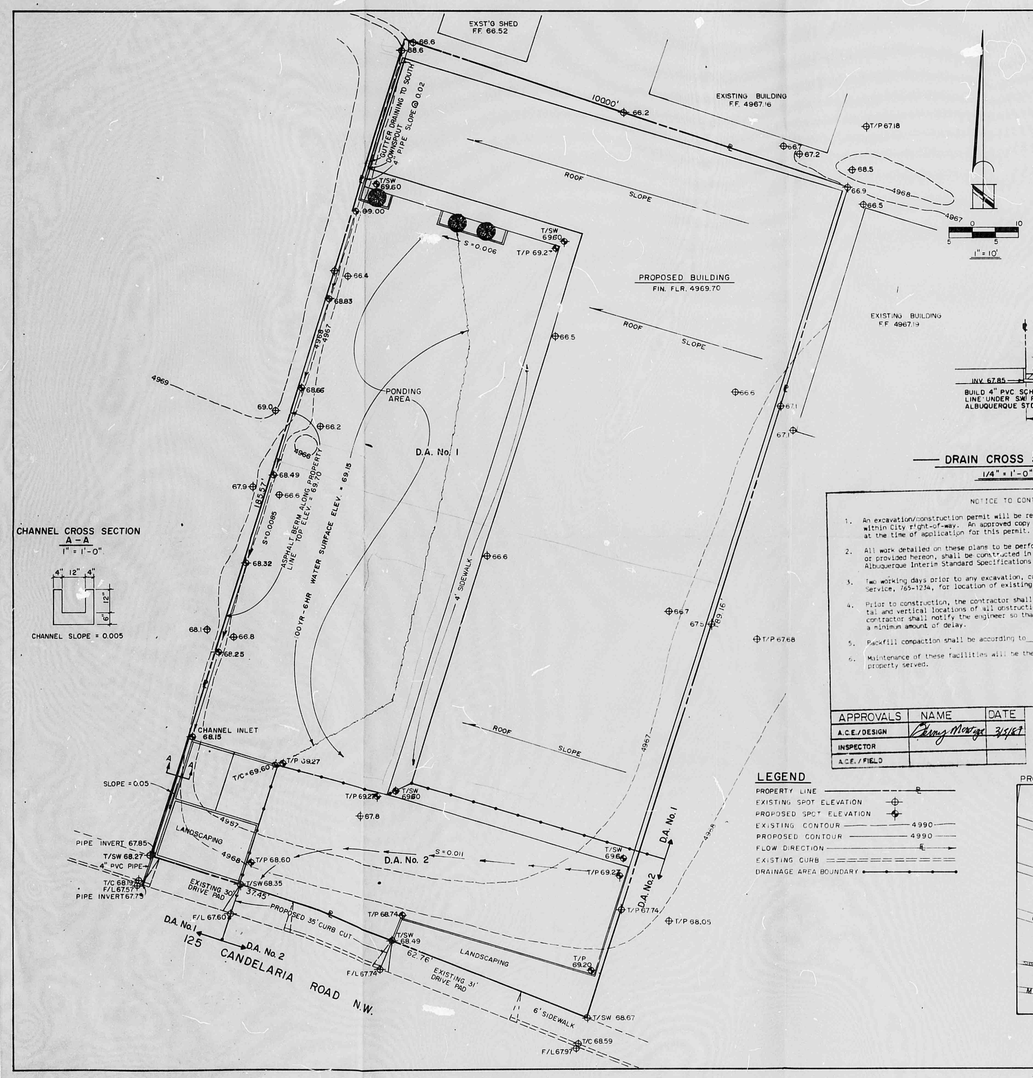
PUBLIC WORKS/HYDROLOGY

G14/D39



DRAINAGE PLAN

PARCEL "C"
COMPRISING THE E.1/2 OF THE SO. 1/2 OF LOT 3, BLK. I
MONKBRIDGE ADDITION
ALBUQUERQUE, N.M.
FLOOD MAP 22, BENCHMARK 4-G14, ELEV. 4968.23, SOIL TYPE "B"
TOTAL AREA 18,661 SQ. FT. = 0.4284 ACRES

FILE # _____ APPROVED _____

HYDROLOGY

PEAK FLOW IF UNRESTRICTED:

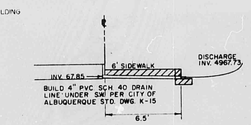
LANDSCAPE	670	x 0.25	=	168
UNDEVELOPED	418	x 0.40	=	167
ROOF	8748	x 0.90	=	7873
PAVING & WALKS	8824	x 0.95	=	8383
				16,591

C = 16,591 / 18,661 = 0.89 i = 2.2 x 2.3 = 5.06 A = 0.4284 AC.
Q = 0.4284 x 5.06 x 0.89 = 1.93 C.F.S.

POND TO RESTRICT FLOW:
CN = 90 DIRECT RUNOFF = 1.3 VOLUME = 1.3/12 x 18,661 = 2022 C.F.
VOLUME OF POND = 44 x 120 x $\frac{1.22 + 0.62}{2}$ = 4858 C.F.

FLOW THROUGH 4" PIPE Q = 0.088 x .05 $\sqrt{64.4 \times 0.67}$ = 0.29 C.F.S.
FLOW FROM D.A. No. 2 = A = 2608 S.F. = 0.0599 AC.
Q = 0.4284 x 5.06 x 0.0599 = 0.13 C.F.S.
TOTAL Q TO CANDELARIA = 0.29 C.F.S. + 0.29 + 0.13 C.F.S. = 0.42 C.F.S.

OFF-SITE FLOW:
NONE



DRAIN CROSS SECTION
1/4" = 1'-0"

NOTICE TO CONTRACTOR

1. An excavation/construction permit will be required before beginning any work within City right-of-way. An approved copy of these plans must be submitted at the time of application for this permit.
2. All work detailed on these plans to be performed, except as otherwise stated or provided hereon, shall be constructed in accordance with the City of Albuquerque Interim Standard Specifications for Public Works Construction 1985.
3. Two working days prior to any excavation, contractor must contact Line Locating Service, 765-1234, for location of existing utilities.
4. Prior to construction, the contractor shall excavate and verify the horizontal and vertical locations of all obstructions. Should a conflict exist, the contractor shall notify the engineer so that the conflict can be resolved with a minimum amount of delay.
5. Backfill compaction shall be according to ARTERIAL street use.
6. Maintenance of these facilities will be the responsibility of the owner of the property served.

APPROVALS	NAME	DATE
A.C.E./DESIGN	Danny Morales	3/5/87
INSPECTOR		
A.C.E./FIELD		

EROSION CONTROL NOTES

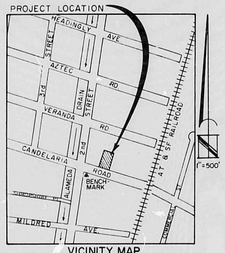
THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE TO THE FOLLOWING:

1. NO SEDIMENT-BEARING WATER SHALL BE ALLOWED TO DISCHARGE THE SITE DURING CONSTRUCTION.
2. DURING GRADING OPERATIONS AND UNTIL THE PROJECT HAS BEEN COMPLETED ALL ADJACENT PROPERTY, RIGHTS OF WAY, AND EASEMENTS SHALL BE PROTECTED FROM FLOODING.
3. ANY AND ALL SEDIMENTATION ORIGINATING ON THE SITE WHICH IS DEPOSITED WITHIN PUBLIC RIGHT OF WAY SHALL BE PROMPTLY AND COMPLETELY REMOVED BY THE CONTRACTOR.
4. CONTROL OF SEDIMENT-LADEN FLOOD WATERS WILL BE ACCOMPLISHED BY THE USE OF A COMPACTED EARTH BERM AT LEAST 12" HIGH. BERM SHALL BE LOCATED ALONG THE DOWNSTREAM PERIMETERS OF THE PROPERTY.

LEGEND

PROPERTY LINE
EXISTING SPOT ELEVATION
PROPOSED SPOT ELEVATION
EXISTING CONTOUR — 4990
PROPOSED CONTOUR — 4990
FLOW DIRECTION
EXISTING CURB
DRAINAGE AREA BOUNDARY

PROJECT LOCATION



VICINITY MAP
ZONE MAP G-14

RECEIVED
MAR 02 1987
HYDROLOGY SECTION

LOGAN/GROSS & ASSOCIATES, INC.
CONSULTING CIVIL ENGINEERS
405 12TH ST. N.W. SUITE 1 243-6333
ALBUQUERQUE, NEW MEXICO 87102

DRAINAGE PLAN	FILE # H 206
FOR RUDY PACHECO	DATE 2-12-86
AT 125 CANDELARIA ROAD N.W.	DRAWN C.L.B.
ALBUQUERQUE, N.M.	SHEET 1 OF 1

R# 26 DATE 3-26-87

CITY OF ALBUQUERQUE

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DIRECTOR

NOTARY PUBLIC

OFFICIAL SEAL
Roberta Duran
NOTARY PUBLIC
STATE OF NEW MEXICO

CITY OF ALBUQUERQUE
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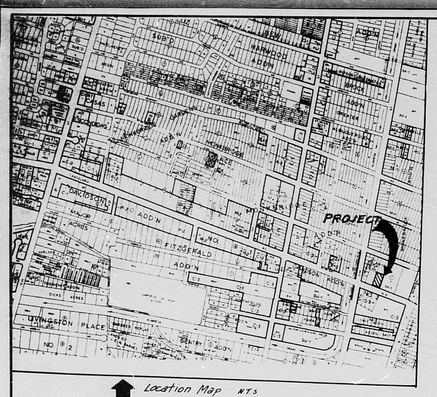
PLANS/PLATS ON FILE

FILE DESC: G14/D39

PLANS/PLATS 2

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



Location Map NTS

LEGAL DESCRIPTION

That certain parcel of land situate within Section Five (5), Township Ten (10) North, Range Three (3) East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico, comprising the East One Half (E), of the South One Half (S), of Lot Three (3), in Block One (1), "MONKBRIDGE, AN ADDITION TO THE CITY OF ALBUQUERQUE", as the same is designated on the Warranty Deed filed on August 31, 1971 in Misc. 151, Page 234-236, and as a Paving Lien set fourth as Item No. 3 in Paving District No. 174A, filed by the City of Albuquerque on November 21, 1969, in Book Misc. 154, Page 247, more particularly described as follows:

Beginning at the Southwest Corner of the parcel herein described, being a point on the Northerly Right of Way Line of Candelaria Road, whence for a tie, the Albuquerque City Survey brass cap "11-G14", bears S 88° 39' 40" W, 255.65 feet distant. Thence, leaving said Right Way Line;

N 17° 08' 26" E, 185.57 feet, to the Northwest Corner of the parcel herein described, Thence;

S 71° 08' 32" E, 100.00 feet, to the Northeast Corner of the parcel herein described, Thence;

S 17° 08' 26" W, 189.16 feet, to a point on the Northerly Right of Way Line of Candelaria Road, being the Southeast Corner of the parcel herein described, Thence;

N 67° 52' 12" W, 62.76 feet, along said Right of Way Line to a point, Thence;

N 71° 08' 32" W, 37.45 feet, continuing along said Right of Way Line, to the Point of Beginning.

Said parcel contains 0.4284 acres (18,661.3692 sq. ft.), more or less.

SUBDIVISION DATA

1. DRB Case # 87-109
2. Zone Atlas No. G-14-Z
3. Gross Acreage: 0.4284
4. No. of Lots Created: 1
5. Date of Survey: 2/3/87
6. S.P. # 02-7-1309

PURPOSE OF THIS PLAT

To obtain a proper Legal Discription and a Building Permit. (No lots were created nor lot lines eliminated.)

FREE CONSENT AND DEDICATION

The subdivision hereon described is with the free consent of and in accordance with the wishes and desires of the undersigned owner(s) and proprietor(s), and said owner(s) and proprietor(s) do hereby grant all easements shown hereon to the public use forever including rights of ingress and egress (both surface and subsurface). The undersigned owner(s) and proprietor(s) do hereby freely consent to all of the foregoing and do hereby represent that they are so authorized to act.

Marvin A. Gallegos — Date 2-12-87
Elizabeth A. Gallegos — Date 2/12/87

ACKNOWLEDGEMENT

STATE OF NEW MEXICO
COUNTY OF BERNALILLO } SS

On this 12th day of Feb, 1987, before me the undersigned, a Notary Public, personally appeared Marvin A. Gallegos and Elizabeth A. Gallegos, who acknowledged to me that they signed and sealed the above instrument as their free and voluntary act and deed.

My commission expires on 11-12-89. Chrous Gallegos
Notary Public

ACKNOWLEDGEMENT

STATE OF NEW MEXICO
COUNTY OF BERNALILLO } SS

On this 12th day of Feb, 1987, before me the undersigned, a Notary Public, personally appeared Rudy P. Pacheco, to me known to be New Mexico Professional Land Surveyor Number 8668, who acknowledged to me that he signed and sealed the accompanying Surveyors Certification as his free act and deed for the uses and purposes therein mentioned.

My commission expires on 11-12-89. Chrous Gallegos
Notary Public

06718772

State of New Mexico
County of Bernalillo } SS
This instrument was filed for record on FEB 25 1987 and recorded in Volume C-33 of records of said County, Folio 7
Ernest Chavez Clerk & Recorder
By: Clerk

PLAT OF
PARCEL "C"
COMPRISING THE
E. 1/2 OF THE SO. 1/2 OF
LOT 3, BLK. I
MONKBRIDGE ADD.
SITUATE WITHIN
SEC. 5, T. 10 N., R. 3 E., N.M.P.M.
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
FEBRUARY, 1987

RECEIVED MAR 02 1987 HYDROLOGY SECTION

APPROVED AND ACCEPTED BY:

Traffic Engineer, Transportation Department — Date 2-24-87
Parks and Recreation Department — Date 2-24-87
Chief Surveyor, Engineering Department — Date 021687
Water Resources Department — Date 2/24/87
Property Management — Date N/A
Albuquerque Metropolitan Arroyo Flood Control Authority — Date 2-24-87
City Engineer, Engineering Division — Date 2-24-87
APPROVAL and CONDITIONAL ACCEPTANCE as specified by the Bernalillo County Subdivision Ordinance.
City Planner, Albuquerque/Bernalillo County Planning — Date 2-25-87
SP-87-60

SURVEYORS CERTIFICATE

I Rudy P. Pacheco, New Mexico Professional Land Surveyor Number 8668, hereby certify that this plat of survey was prepared from field notes of an actual ground survey performed by me or under my direct supervision, that it shows all easements shown on the plat of record or made known to me by the owners (agent), that it meets the minimum requirments for monumentation and surveys of the Albuquerque Subdivision Ordinance, that it meets the standards for Land Surveying as adopted by the New Mexico State Board of Registration for Professional Engineers and Land Surveyors, and that it is true and correct to the best of my knowledge and belief.

Rudy P. Pacheco NMPLS No. 8668 — Date 2/12/87

Sheet 1 of 2

General Contracting
Drafting Services
Land Surveying
PACHECO ENTERPRISES
8913 Rough Rider N.E.
Albuq., N.M. 87109
505-821-2126

06718772

GENERAL NOTES

1. Bearings are New Mexico State Plane Grid bearings (Central Zone), based on A.C.S. brass cap "11-G14" & "11-G16".
2. Distances shown are ground distances.
3. Record bearings and distances are shown in parentheses.
4. Unless noted otherwise, all corners are set 1/2" rebar surrounded with a cap marked "PAC 8668".

PLAT OF
PARCEL "C"
COMPRISING THE
E. 1/2 OF THE SO. 1/2 OF
LOT 3, BLK. I
MONKBRIDGE ADD.
SITUATE WITHIN
SEC. 5, T. 10 N., R. 3 E., N.M.P.M.
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
FEBRUARY, 1987

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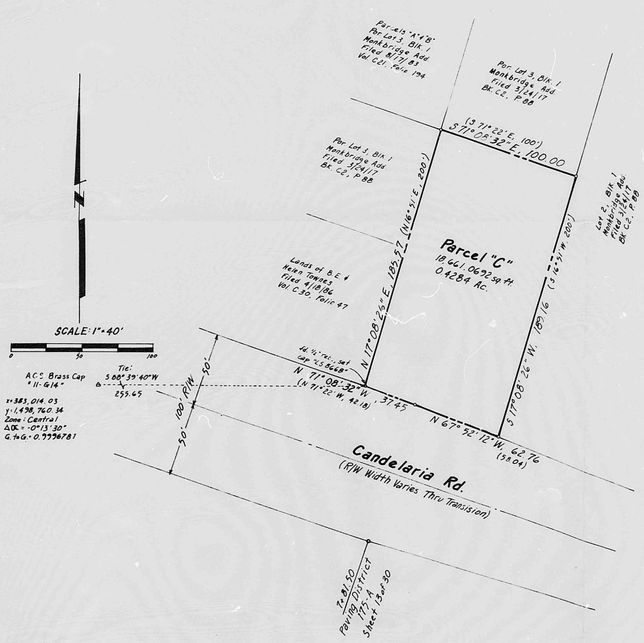

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Rudy P. Pacheco NMPLS No. 8668 — Date 2/12/87

ACKNOWLEDGEMENT

STATE OF NEW MEXICO
COUNTY OF BERNALILLO } SS

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My commission expires on 11-12-89. Chrous Gallegos
Notary Public

Sheet 2 of 2

General Contracting
Drafting Services
Land Surveying
PACHECO ENTERPRISES
8913 Rough Rider N.E.
Albuq., N.M. 87109
505-821-2126

CITY OF ALBUQUERQUE

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DIRECTOR

OFFICIAL SEAL
CHERYL DAUER
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 11-12-89

NOTARY PUBLIC

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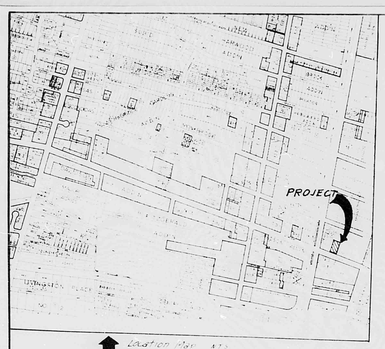
PLAIN WHITE PAPER
ONCE ON LIGHT
ONCE ON DARK

D24 C20 B16 A12

CITY OF ALBUQUERQUE

C D

08718.72



PLAT OF
C-33 PARCEL "C"
COMPRISING THE
E. 1/2 OF THE SO. 1/2 OF
LOT 3, BLK. I
MONKBRIDGE ADD.
SITUATE WITHIN
SEC. 5, T. 10 N., R. 3 E., N.M.P.M.
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
FEBRUARY, 1987

2-24-87

2-24-87

021607

2-24-87

2-24-87

Maurice L. Dallaire 2-12-87 Elizabeth C. Dallaire 2/12/87

SP-87-60

12th Feb
11-12-89 Chris Gallegos

12th Feb
11-12-89 Chris Gallegos

2/12/87

Sheet 1 of 2

General Contracting
Drafting Services
Land Surveying
PACHECO ENTERPRISES
8913 Rough Rider N.E.
Albuq., N.M. 87109
505-821-2026

08718.72

PLAT OF
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FEBRUARY, 1987

2/12/87

12th Feb
11-12-89 Chris Gallegos

Sheet 2 of 2

General Contracting
Drafting Services
Land Surveying
PACHECO ENTERPRISES
8913 Rough Rider N.E.
Albuq., N.M. 87109
505-821-2026

PLAN SHOT TWICE
ONCE ON FILM
ONCE ON PAPER

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Office of Computer Services

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DATE 3-26-1987

DIRECTOR

NOTARY PUBLIC

OFFICIAL SEAL
CHRISTINE C. SANCHEZ
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 10/16/90