

# 21 DATE 2/24/88 OF 250

CITY OF ALBUQUERQUE

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Karen Arroyo  
CITY CLERK RECORDER



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PLANS/PLATS ON FILE

FILE DESC:

H-22/DO61

# PLANS/PLATS 3

D  
24

C  
20

B  
16

A  
12

CITY OF ALBUQUERQUE

C

D



C35-12000

TIE N.E. CORNER TO A.C.S. BRASS TABLET "10-H22"  
N210.3756°W (PLAT) N126.23°20'W (S.P.)

### FREE CONSENT & DEDICATION

This subdivision hereon described is with the free consent and in accordance with the desires of the undersigned owners thereof, and said owners do hereby dedicate to the public rights-of-way shown hereon, together with all easements shown on this plat.

William Carpenter 12-17-87  
Date

Patricia Carpenter 12-17-87  
Date

Knight Seavey 12-17-87  
Date

Denise Seavey 12-17-87  
Date

### ACKNOWLEDGEMENTS

STATE OF NEW MEXICO  
COUNTY OF BERNALILLO

The foregoing instrument was acknowledged before me this 19th day of December, 1987, by William & Patricia Carpenter.

Juanita Granmer  
Notary Public

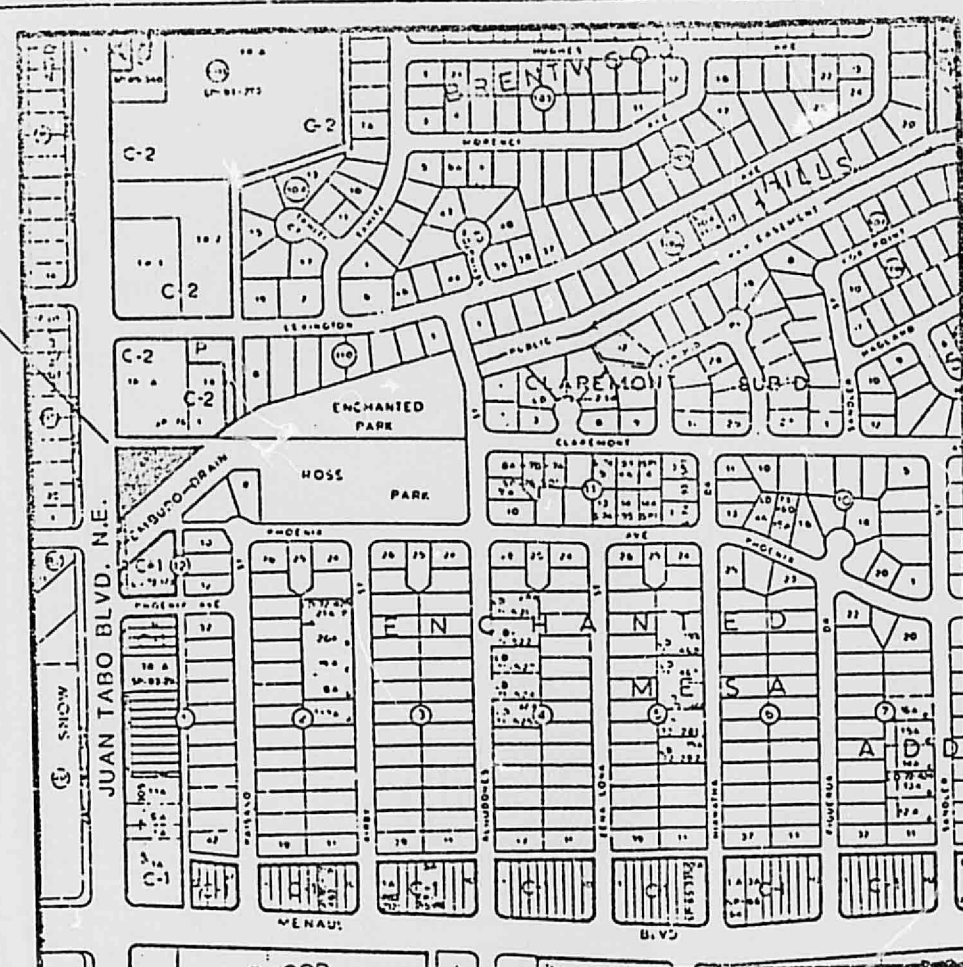
My Commission Expires: 05-18-91

STATE OF NEW MEXICO  
COUNTY OF BERNALILLO

The foregoing instrument was acknowledged before me this 19th day of December, 1987, by Knight & Denise Seavey.

Juanita Granmer  
Notary Public

My Commission Expires: 05-18-91



### VICINITY MAP

ZONE ATLAS PAGE: H-22-Z  
SCALE: 1"=800'

### PURPOSE

The purpose of this replat is to incorporate a vacated portion of Piedra Lisa (Embudo) drainage channel and a vacated portion of Juan Tabo P.U.E. into tract "S".

### DESCRIPTION

BOUNDARY  
ENCHANTED MESA  
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

That certain parcel of land situated within Section 10, Township 10 North, Range 4 East of the New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico, being all of the Tract S as shown and designated on the plat entitled "Tract 'S', Block 12, Enchanted Mesa" as filed for Public Record in the Office of the Bernalillo County Clerk on June 19, 1981, in Volume C18, folio 107; together with a portion of a 100-foot drainage right-of-way as shown and designated on the plat entitled "Enchanted Mesa" as filed for Public Record in the Office of the Bernalillo County Clerk on May 7, 1953, in Volume D1, folio 94; and being more particularly described as follows:

Beginning at the Northwest Corner of said Tract 'S', being on the east right-of-way line of Juan Tabo Boulevard, N.E.; whence, for a tie, an Albuquerque City Survey monument, being a standard Albuquerque City Survey brass tablet stamped "10-H22 1978", bears N 12 37'56"W, a distance of 283.71 feet;

Thence, S 89°14'00"E, 306.50 feet along the north boundary of said Tract 'S' and into said drainage right-of-way to the most easterly corner of the parcel of land herein described;

Thence, S 50°05'00"W, 335.84 feet along the northern edge of the Piedra Lisa Drainage Channel;

Thence, S 53°42'00"W, 56.28 feet continuing along said northern edge of the Piedra Lisa Drainage Channel to said east right-of-way line of Juan Tabo Boulevard, N.E.;

Thence, N 00°48'00"W, 252.94 feet along said east right-of-way line of Juan Tabo Boulevard, N.E., to the POINT OF BEGINNING of the parcel of land herein described.

The above delineated parcel of land contains 39.345 square feet (0.9032 acres), more or less.

STATE OF NEW MEXICO  
COUNTY OF BERNALILLO

The foregoing instrument was acknowledged before me this 19th day of December, 1987, by FRED DENNEY.

Fred Denney  
Notary Public

My Commission Expires: 04-04-90

801359

## 2nd Replat of Tract 'S' Enchanted Mesa Albuquerque, New Mexico

December, 1987

(REPLAT OF TRACT "S", A VACATED PORTION  
OF PIEDRA LISA (EMBUDO) DRAINAGE CHANNEL  
AND A VACATED PORTION OF JUAN TABO P.U.E.)

DRB REFERENCE #  
DRB -87-701  
V-87-125

TALOS Log # 12-17-1450

### APPROVALS

David W. Hamner 12/22/87  
Traffic Engineer, Transportation Department  
Date

James M. Moore 12-22-87  
Parks and Recreation Department  
Date

Samuel J. Urbana 12/16/87  
Chief City Surveyor, Engineering Division  
Date

W. J. Williams 12-22-87  
Water Resources Department  
Date

Laurie J. Howell 12-22-87  
Property Management  
Date

Richard E. Leonard 12/22/87  
Albuquerque Metropolitan Arroyo Flood Control Authority  
Date

Roger A. Hecan 12-22-87  
City Engineer, Engineering Division  
Date

Carol Clark 12-7-87  
City Planner  
Date

### SURVEYOR'S CERTIFICATION

I, Fred Denney, a registered Professional Engineer and Land Surveyor under the laws of the State of New Mexico, do hereby certify that this plat was prepared by me or under my supervision; meets the minimum requirements of monumentation and surveys of the Albuquerque Subdivision Ordinance; and that it is true and correct to the best of my knowledge and belief.

Fred Denney 12-11-87  
N.M.P.E. & L.S. No. 1967  
Date

SHEET 1 OF 2

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FILE 21 DATE 12-24-87  
CITY OF ALBUQUERQUE

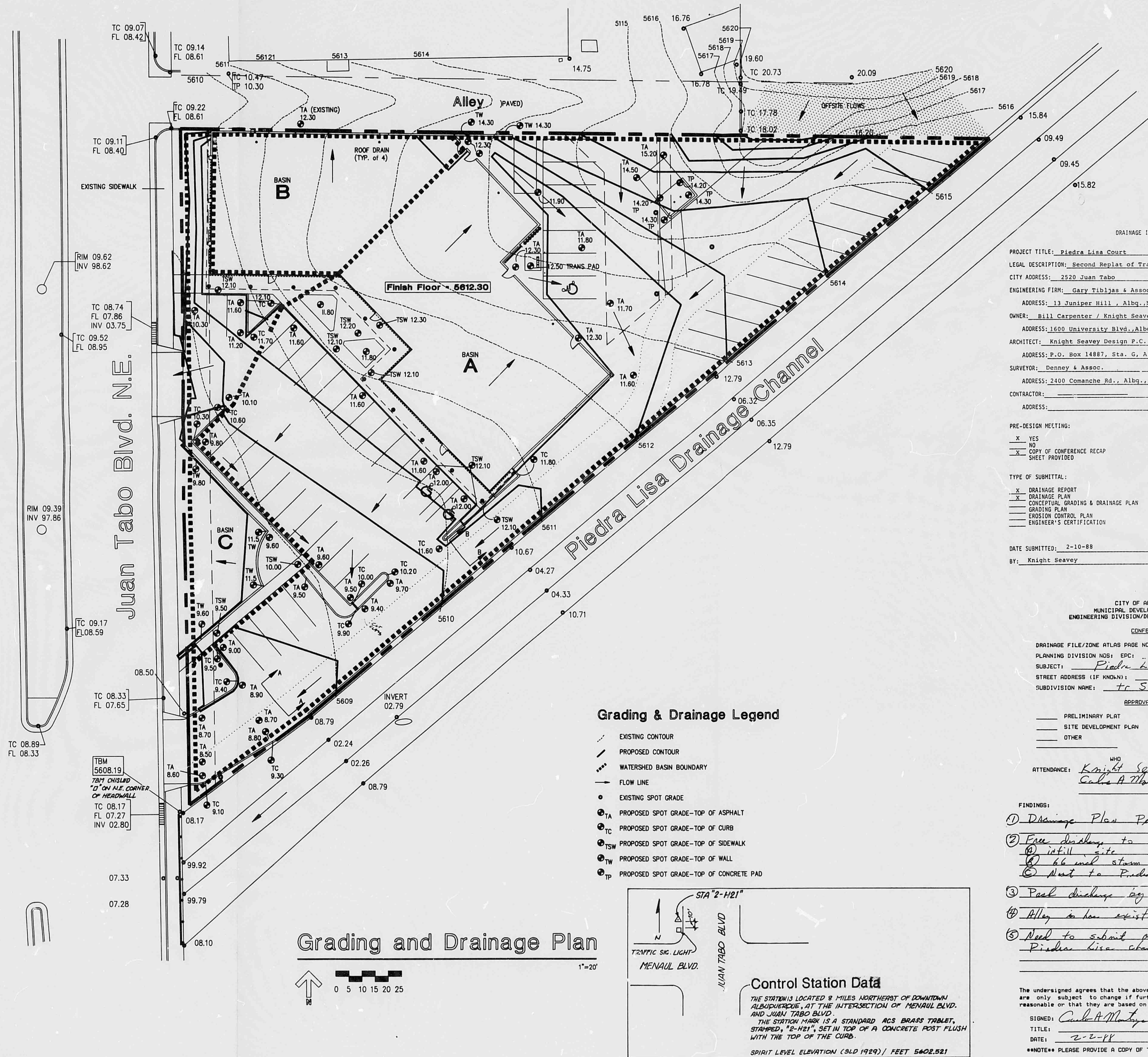
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Kara Adams  
CITY CLERK RECORDER

OFFICIAL SEAL  
NORBERTA SANCHEZ  
NOTARY PUBLIC  
STATE OF NEW MEXICO  
My Commission Expires May 8 1993  
Norberta Sanchez

# CITY OF ALBUQUERQUE





**General Data**

TOTAL SITE AREA 0.89 ACRES  
 OFFSITE RUNOFF AREA 0.04 ACRES (UNDEVELOPED)  
 EXISTING ONSITE AREA 0.13 ACRES (14.7%)  
 DRAINAGE TO PIEDRA LISA ARROYO 0.76 ACRES (85.3%)  
 EXISTING AREA DRAINING TO JUAN TABO BLVD. 0.76 ACRES (85.3%)  
 6 HOUR RAINFALL VOLUME (V<sub>6</sub>) = 2.5 IN.  
 TIME OF CONCENTRATION (LONGEST STRETCH) TC = (0.0078)(370) / (0.02)<sup>0.58</sup> = 3.34 MIN USE 10.0 MIN.  
 RAINFALL INTENSITY I = (2.5)(6.84)(10) = 5.28 IN/HR  
 Q = C/A 100 YR RUNOFF RATE

**Undeveloped Conditions**

TOTAL SITE RUNOFF Q = C/A = 0.40(5.28)(0.89) = 1.88 cfs  
 ONSITE FLOW TO PIEDRA LISA ARROYO (1.88 cfs) x (0.147) = 0.28 cfs  
 OFFSITE RUNOFF Q = C/A = 0.40(5.28)(0.04) = 0.08 cfs (TO PIEDRA LISA ARROYO)  
 TOTAL RUNOFF TO JUAN TABO BLVD. = 1.80 cfs

**Developed Conditions**

**Basin A**  
 C<sub>imp</sub> = 0.918  
 I = 5.28 IN/HR Q<sub>a</sub> = (0.918)(5.28)(0.69) = 3.34 cfs  
 A = 0.69 AC

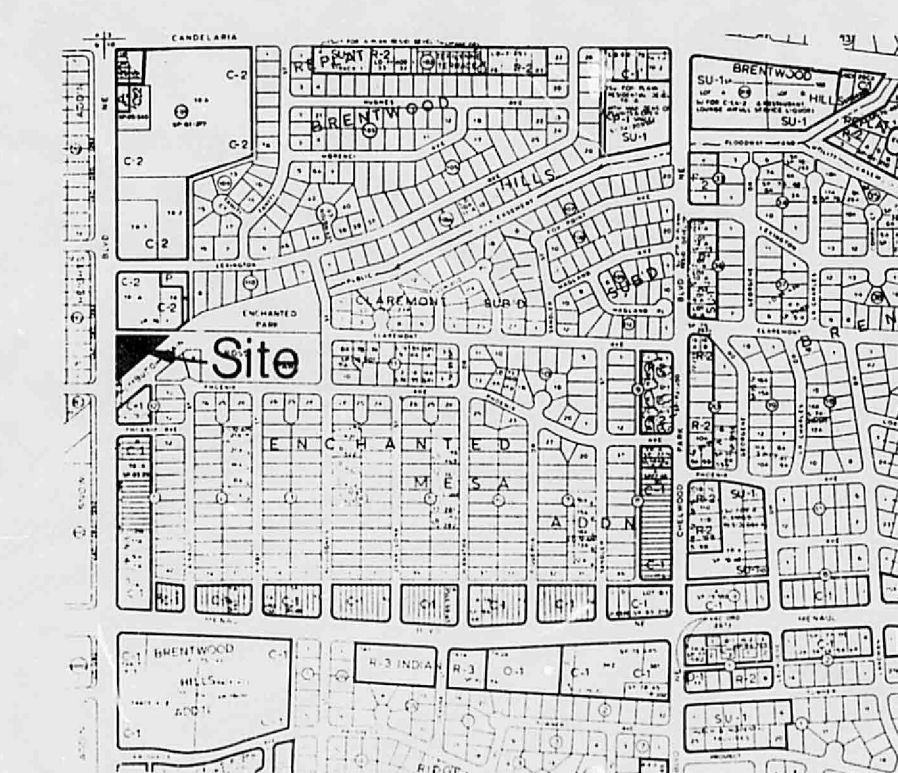
**Basin B**  
 C<sub>imp</sub> = 0.90  
 I = 5.28 IN/HR Q<sub>b</sub> = (0.9)(5.28)(0.09) = 0.43 cfs  
 A = 0.09 AC

**Basin C**  
 C<sub>imp</sub> = 0.591  
 I = 5.28 IN/HR Q<sub>c</sub> = (0.591)(5.28)(0.11) = 0.34 cfs  
 A = 0.11 AC  
 OFFSITE RUNOFF AREA Q<sub>off</sub> = 0.08 cfs  
 TOTAL RUNOFF TO JUAN TABO BLVD. Q<sub>total</sub> = Q<sub>a</sub> + Q<sub>b</sub> + Q<sub>c</sub> + Q<sub>off</sub> = 4.19 cfs

**Swale Capacities**

**Swale AA**  
 Q = 1.486/n R<sup>2.48</sup> S<sup>1/2</sup>  
 n = 0.013  
 A = 2.08 SF  
 P = 25 FT  
 R = A/P = 0.083  
 S = 0.018  
 Q = (1.486/0.013)(0.083)<sup>2.48</sup> (0.018)<sup>1/2</sup> (2.08) = 6.24 cfs > 3.42 cfs

**Swale BB**  
 n = 0.013  
 A = 1.28 SF  
 P = 15 FT  
 R = A/P = 0.083  
 S = 0.021  
 Q = (1.486/0.013)(0.083)<sup>2.48</sup> (0.021)<sup>1/2</sup> (1.28) = 3.94 cfs > 3.42 cfs



**Area Locator Map**  
 1"=400' (Approx.)

**KNIGHT SEAVEY DESIGN, P.C.**  
 1600 University Blvd. NE  
 P.O. Box 14801 Station Q  
 (505) 242-9800  
 Albuquerque, NM 87111

**Piedra Lisa Court**  
 2520 JUAN TABO BOULEVARD N.E.  
 ALBUQUERQUE, NEW MEXICO

**Professional Engineer**  
 GARY W. TIBBLES  
 6117

**City of Albuquerque**  
 2520 JUAN TABO BOULEVARD N.E.  
 ALBUQUERQUE, NEW MEXICO

**City Clerk Recorder**  
 NORBERTA SANCHEZ  
 NOTARY PUBLIC  
 STATE OF NEW MEXICO  
 My Commission Expires MAY 8 1995

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Re 21 DATE 2-2-88  
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**Kara Arroyo**  
 CITY CLERK RECORDER

**OFFICIAL SEAL**  
 NORBERTA SANCHEZ  
 NOTARY PUBLIC  
 STATE OF NEW MEXICO  
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