HYDROLOGY K23/D8A 3 PLANS

K23/D8A

3 Plans

City of Albuquerque
P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

December 2, 1982

Mr. Jim Baker
Baker-Sparling
4301 Ellison, NE
Albuquerque, New Mexico 87103

Re: Copper Bridges, W.O. #1454

Dear Mr. Baker:

The Copper Channel crossings constructed by you on the referenced project have been inspected and are substantially in compliance with the plans and specifications. The crossings are acceptable to the City of Albuquerque subject to any previous agreements between the City and others concerning ownership and maintenance.

Sincerely,

Barry C. Simmons, P.E.
Senior Civil Engineer

BCS:dg

cc: Fred Aguirre, Hydrology, Engineering Division
File

**City of Albuquerque**
P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

K23 - D8a

February 23, 1982

Mr. Chris Weiss
Consultants Terra-Sol, Inc.
1100 Alvarado N.E. Suite B
Albuquerque, N.M. 87110

RE: COPPER STREET APARTMENTS

Dear Chris:

The referenced drainage report is approved. Please see that the plans dated 1/19/82 are placed in the construction sets. Mr. Fred Aguirre will sign off for Hydrology when this is done.

Very truly yours,

BGB

Brian G. Burnett
Civil Engineer/Hydrology

BGB/tsl

cc: Ms. Ruth Jackson, Schlegel & Lewis

# CITY OF ALBUQUERQUE

ALBUQUERQUE, NEW MEXICO

INTER-OFFICE CORRESPONDENCE February 11, 1982

REF. NO.

Copies copy this memo and 1/26's carried to CAO 2/15/82 JKB

TO: Malcom W. deVesty, Assistant City Attorney

FROM: Richard S. Heller, City Engineer RSH

SUBJECT: Copper Avenue Channel - Temporary Crossing

I am in receipt of your memo dated February 10, 1982. The following are the answers to your questions regarding the construction by the Jenkins Construction Company, north of the Copper Ave. Channel between Jewel and Turner.

Question # 1. The temporary crosssing is necessary because the property is currently, physically landlocked. There is no way to get to it other than a bridge.

Question # 2. The developer is currently in the process of obtaining a building permit to construct apartment buildings on the site.

Question # 3. The property is on the north side of Copper between Jewel and Turner. It is described as City View Estates - Unit C - Tract A.

Question # 4. There are no engineering specifications other than the compaction necessary to hold the 48" pipe in place, within the confines of the channel.

Question # 5. The developer will be responsible for the placement of a permanent crossing. This crossing will be installed prior to the issuance of a certificate of occupancy for the building.

Question # 6. The bond amount is approximately $5500 and will be for the removal of the temporary crossing or for the repair of the channel should it be necessary to do so after the temporary crossing is removed.

The temporary crossing should be in place between now and the first of July, at which time the developer will put in a permanent crossing. The crossing will be a 48" corrugated metal pipe and backfill material around it to bridge the channel. The 48" pipe should provide enough capacity for the minor storms which will occur between now and July 1, 1982. Should you need any further information, please feel free to contact me.

cc: Frank Kleinhentz, CAO
Carl Rodolph, Director MDD

# CITY OF ALBUQUERQUE

ALBUQUERQUE, NEW MEXICO

INTER-OFFICE CORRESPONDENCE February 10, 1982 REF. NO._____

TO: Richard S. Heller, City Engineer

FROM: Malcolm W. deVesty, Assistant City Attorney Mac.

SUBJECT: Copper Avenue Channel-Temporary Crossing

In reviewing the file in the above entitled matter, in preparation of an agreement between Jenkins Construction Company and the City, I find I do not have adequate information to commence this action.

For instance, I need to know such things as:

1. Why a temporary crossing is necessary;
2. What is the developer doing to precipitate the need for the crossing;
3. Exactly where is it to be located and how long will it be in place: City View Estates - Unit C - Tract A N/S Cooper between Jewel & Turner
4. What are the required engineering specifications;
5. Who is to be responsible for installing a permanent crossing and when is it to be installed;
6. What is the amount of the bond you want required;
7. Et cetera.

Until I have such information, I cannot proceed.

legal description

$ ssc

MWdV:mab

cc: Robert C. Hanna

# City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

RECEIVED

JAN 21 1982

ENGINEERING

## DRAINAGE REPORT INFORMATION SHEET

PROJECT TITLE: Copper Street Apt's

ZONE ATLAS PAGE NO.: K-23-D8a CITY ADDRESS: 14225 Copper St. N.E.

LEGAL ADDRESS: Blc 7, Tract A, Unit C, City View Estates Sub'd

ENGINEERING FIRM: CTS, Inc. CONTACT: Chris Weiss

ADDRESS: 1100 Alvarado NE / Suite B PHONE: 266-3444

OWNER: LGW, Inc. 87110 CONTACT: Harvey Gapinson or Bob Wilson

ADDRESS: 500 Oak, N.E. PHONE: 243-0888

ARCHITECT/SURVEYOR: Schlegel/Lewis CONTACT: Ruth Jackson

ADDRESS: 1620 Central SE PHONE: 247-1529

DATE SUBMITTED: 1-21-82

BY: CLW

Consultants terrasol inc.
P.O. Box 142 Sandia Park, New Mexico 87047 (505) 281-5571

May 20, 1980

K 23-D8

Mr. Bruno Conegliano
Assistant City Engineer/Hydrology
Municipal Development Department
P. O. Box 1293
Albuquerque, New Mexico 87103

RE: Copper Street Apartments/Letter of May 8, 1980

Dear Bruno:

We have revised the drainage plan to route all sub-drainage areas through individual ponds before release at the 5 year undeveloped runoff rate. Each pond has been sized to hold the $Q_{100}$ developed (-) $Q_{100}$ undeveloped volume with spillways provided to accomodate the $Q_{100}$ developed discharge.

Additionally, you stated other concerns.
1. The crossing structures over the Copper Street Channel will be handled directly by the developer. Based on preliminary plans that the architect was given by the developer, the bridges will be clear-span structures.
2. The drainage plan provides for erosion control of the existing natural channel banks at the respective pond discharge points. If the Copper Street Channel is completed prior to this project, the erosion pads will be modified to suit the final design.
3. Safety barriers will be provided by the architect for all ponds greater than 18" in depth.
4. The side slopes on the ponds for Area "D" have been revised to a maximum of 2:1.
5. Your office indicated that Copper Street Channel will be included in a change-order to the Lomas Basin project, so item #5 will not be necessary, as you have stated.
6. The architect will make the developer aware of the requirements, as stated, for the crossing structures.

We hope the plan revisions and accompanying replies fully address your concerns and we respectfully request approval of the drainage plan for the Copper Street Apartments.

Sincerely,

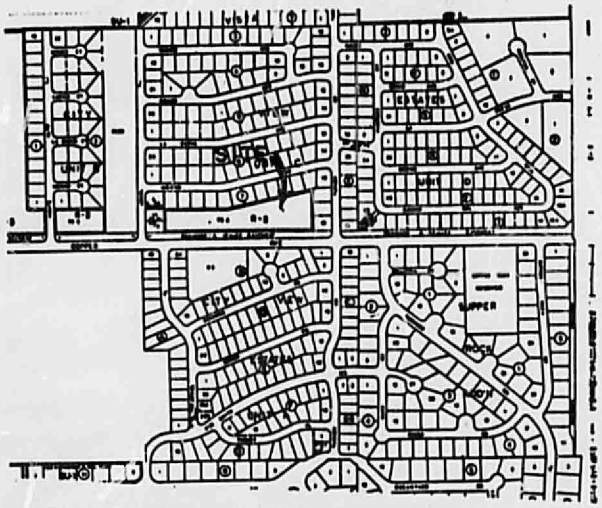
Christopher L. Weiss

Christopher L. Weiss, P. E.
President

CLW/vw

# CITY OF ALBUQUERQUE

## DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY




**VICINITY MAP – K-23**

Drainage Permit

CHRISTOPHER L. ... NEW MEXICO 6653 REGISTERED PROFESSIONAL ENGINEER

### 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 "Contract Documents for City-Wide Utilities and Cash Paving No. 30"

3. Two working days prior to any excavation, contractor must contact Line Locating Service, 765-1234, for location of existing utilities.

Gary – We have Telephone Line under this

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.

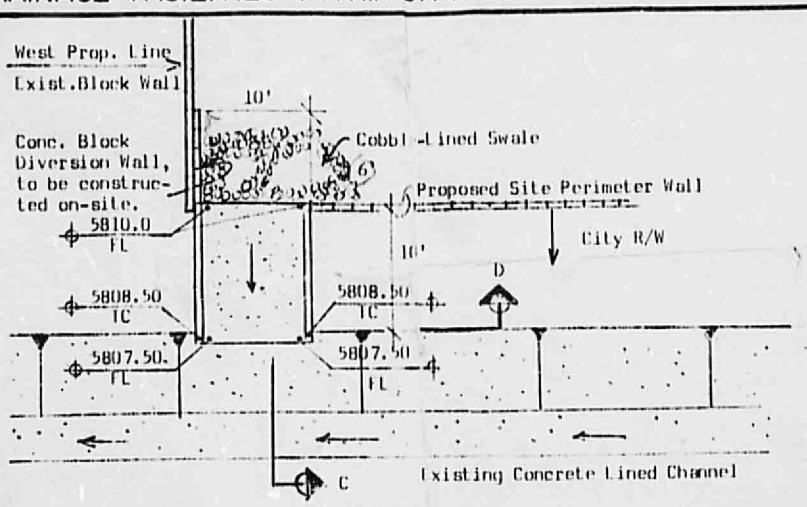
5. Backfill compaction shall be according to N.A. street use.

Copper Street Apartments/14225 Copper Street NE, Albuquerque, New Mexico

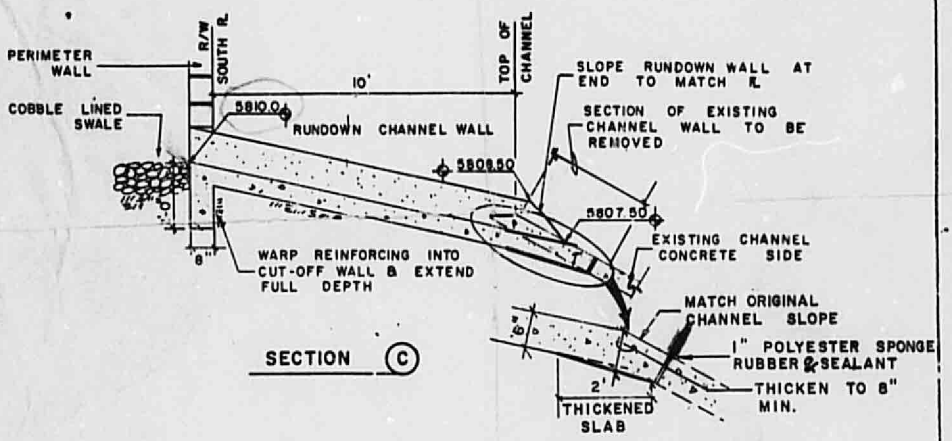
| APPROVALS | NAME | DATE | TITLE: Legal<br>Bk 7, Tract A, Unit C, City View Estates Subdivision | |
|---|---|---|---|---|
| A.C.E./DESIGN | [illegible] | 1 Feb 82 | | |
| INSPECTOR | [illegible] | 8-19-82 | PERMIT NO. | MAP |
| A.C.E./FIELD | | | SHEET 1 OF 2 | NO. K-23 |

# CITY OF ALBUQUERQUE

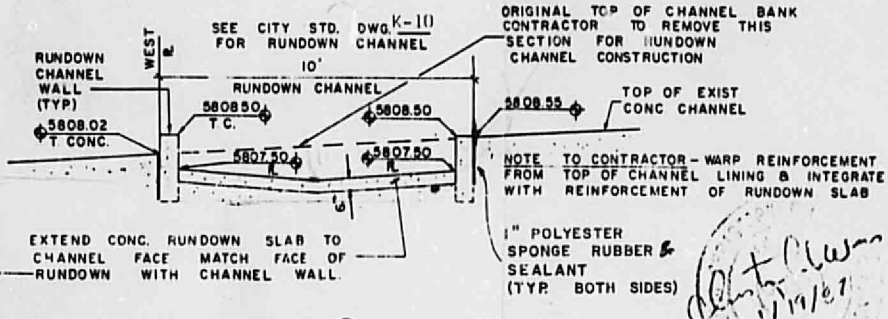
## DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY




PLAN




SECTION (C)




SECTION (D)

Copper Street Apartments/1422½ Copper Street N.E., Albuquerque, New Mexico

| APPROVALS | NAME | DATE | TITLE: Legal Bk 7, Tract A, Unit C, City View Estates Subdivision | |
|---|---|---|---|---|
| A.C.E./DESIGN | | | | |
| INSPECTOR | Jerry Y. | 8-14-82 | PERMIT NO. | MAP NO. K-25 |
| A.C.E./FIELD | | | SHEET 2 OF 2 | |