HYDROLOGY G21/D22 1 PLAN

G21/D22

1 PLAN

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

G21 - D22

August 24, 1982

Mr. Jeff Mortensen
Tom Mann & Associates
811 Dallas N.E.
Albuquerque, N.M. 87110

RE: GLICKMAN BUILDING DRAINAGE PLAN

Dear Jeff:

Based on the information contained in your August 23, 1982 submittal, the referenced drainage plan is approved. Please see that the revised plans (dated 8/23/82) are placed in the City construction sets.

Very truly yours,

Brian G. Burnett
Civil Engineer/Hydrology

BGB/tsl

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

G21 - D22

August 19, 1982

Mr. Jeff Mortensen
Tom Mann & Associates
811 Dallas N.E.
Albuquerque, N.M. 87110

RE: GLICKMAN BUILDING DRAINAGE REPORT

Dear Jeff:

I have made an initial review of the referenced drainage plan and forward the following comments:

1. Is there any way to keep runoff from Basin A and the landscaped area from crossing the sidewalk?

2. Please supply this office with a copy of the wall details called out on the plans.

3. The swale indicated on the AMDS insert is not well defined on the grading plan. Is the swale located to the west or south of the site?

4. Why was a velue of 1/3 Q_{100} used in the orifice sizing equation?

5. The plan should be revised to reflect that the Q estimate is approximately 100 cfs.

6. Has an emergency spillway been provided for the pond?

If you have any questions concerning these matters, please call.

Very truly yours,

Brian G. Burnett

Brian G. Burnett
Civil Engineer/Hydrology

BGB/tsl

811 DALLAS, N.E. • ALBUQUERQUE • NEW MEXICO • 87110 • 505-265-5611

Tom Mann Associates, Inc.
Engineers

20781
August 23, 1982

G 21-D22

RECEIVED
AUG 23 1982
ENGINEERING

Mr. Brian G. Burnett
Engineer/Hydrology Division
City of Albuquerque
P. O. Box 1293
Albuquerque, New Mexico 87103

Re: Glickman Building Drainage Plan

Dear Brian:

The following discussion is presented in response to your letter dated August 19, 1982:

1. The roof area in Basin A is guttered with downspouts which discharge into Basin B. If the rain gutter or downspout clog, then runoff from the roof area will cross the sidewalk enroute to Jane Place. The landscaped area should not contribute appreciable runoff to the street. Also, the plantings proposed for that area will be irrigated with a "drip" system rather than a sprinkler system.

2. A copy of the wall details was provided to you on August 20, 1982.

3. The swale in question is southwest of the site and it trends due west as shown. The attached plan has been revised to clarify this.

4. The orifice sizing, as you know, is a "trial and error" process. The result of my analysis indicated that three 6-inch weepholes could pass the anticipated 100-year peak discharge.

5. The "typo" has been corrected; see attached plan.

6. The top of the wall will serve as an emergency spillway, if the weepholes should plug. However, there is no "pond" proposed by this plan because free discharge to a downstream facility is being utilized.

If you have any further questions or comments concerning this project, do not hesitate to call.

Sincerely,

TOM MANN & ASSOCIATES, INC.

Jeffrey G. Mortensen
Project Engineer

JGM:bb
cc: Doyle Seymour

2078-1

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

DRAINAGE REPORT INFORMATION SHEET

PROJECT TITLE GLICKMAN BLDG. DRAINAGE PLAN

ZONE ATLAS PAGE NO. G-21-D 22 CITY ADDRESS JUAN TABO BLVD NE

LEGAL ADDRESS TR. H4, UNIT 2, LA REINA DE LOS ALTOS

ENGINEERING FIRM TOM MANN & ASSOC. CONTACT J. MORTENSEN

ADDRESS 811 DALLAS NE PHONE 265-5611

OWNER ELLIOTT GLICKMAN CONTACT SAME

ADDRESS ? PHONE ?

ARCHITECT/~~SURVEYOR~~ BANKS CO. CONTACT DOYLE SEYMOUR

ADDRESS 4322 2ND ST. NW. PHONE 344-3461

DATE SUBMITTED 8/6/82

RECEIVED JEFF MORTENSEN

AUG 06 1982

ATTN: BRIAN BURNETT.
ENGINEERING

ATTACHED ARE 2 COPIES OF PLAN &
1-COPY OF PRE-DESIGN MTG. RECAP.

JEFF

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

HYDROLOGY SECTION PROJ. NO. _____ DATE: 6/29/82

PLANNING DIVISION NO. _____

CONFERENCE RECAP

SUBJECT: Tract H-4 Juan Tabo (just north of Candelaria)

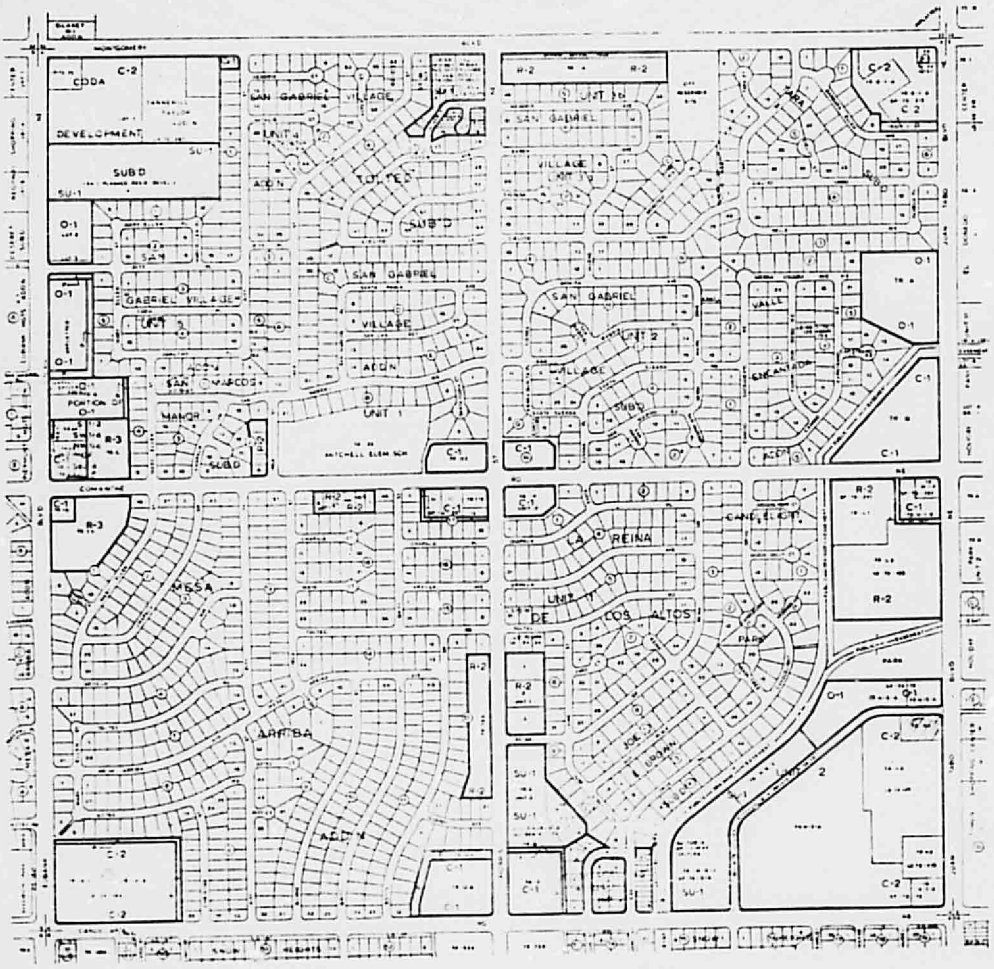
ATTENDANCE: WHO	REPRESENTING
Jeff Mortensen	Tom Mann
Brian Burnett	City

FINDINGS:
1. Drainage Plan required
2. Free Discharge allowed if:
   a. Lane is curbed and guttered
   b. Water from Candelaria can enter the drainage channel

The undersigned agrees that the above findings are summarized accurately and are only subject to change if further investigation reveals that they are not reasonable or that they are based on inaccurate information.

SIGNED: Brian D. Burnett
TITLE: C.E. Hydrology
DATE: 6/29/82

SIGNED: Jeffrey E. [illegible]
TITLE: Project Engineer
DATE: 6/29/82


CODA
C-2
DEVELOPMENT
SUBD
SU-1
O-1
SAN GABRIEL VILLAGE
UNIT 1
ACUN
TOMES
SUBD
SAN GABRIEL
VILLAGE
UNIT 2
SAN MARCOS
MANOR
SUBD
PORTION
R-3
MESA
ARRIBA
ACUN
LA REINA
DE COS ALTOS
CANDELERIA
PARK
R-2
C-1

G-21-Z