

June 22, 1998

Chris Weiss
C.L. Weiss Engineering
P.O. Box 97
Sandia Park, New Mexico 87047

RE: ENGINEER CERTIFICATION FOR MOTOR FREIGHT FACILITY FOR RAC
TRANSPORT COMPANY (D17-D75) CERTIFICATION STATEMENT DATED
5/28/98

Dear Mr. Weiss:

Based on the information provided on your May 29, 1998 submittal, Engineer Certification for the above referenced site is acceptable.

If I can be of further assistance, please feel free to contact me at 924-3986.

C: Andrew Garcia
File

Sincerely

Bernie J. Montoya
Bernie J. Montoya CE
Associate Engineer

Good for You, Albuquerque!





City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

December 8, 1997

Chris Weiss
C.L. Weiss Engineer
P.O. Box 97
Sandia Park, New Mexico 87047

RE: REVISED DRAINAGE PLAN FOR MOTOR FREIGHT FACILITY FOR RAC
TRANSPORT COMPANY (D17-D75) REVISION DATED 12/4/97

Dear Mr. Weiss:

Based on the information provided on your December 4, 1997 resubmittal, the above referenced site is approved for Building Permit

Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

Also, prior to Certificate of Occupancy release, the following must be submitted:

1. Engineer Certification per the DPM.-
2. Concurrence from AMAFCA for work done within their R/W.

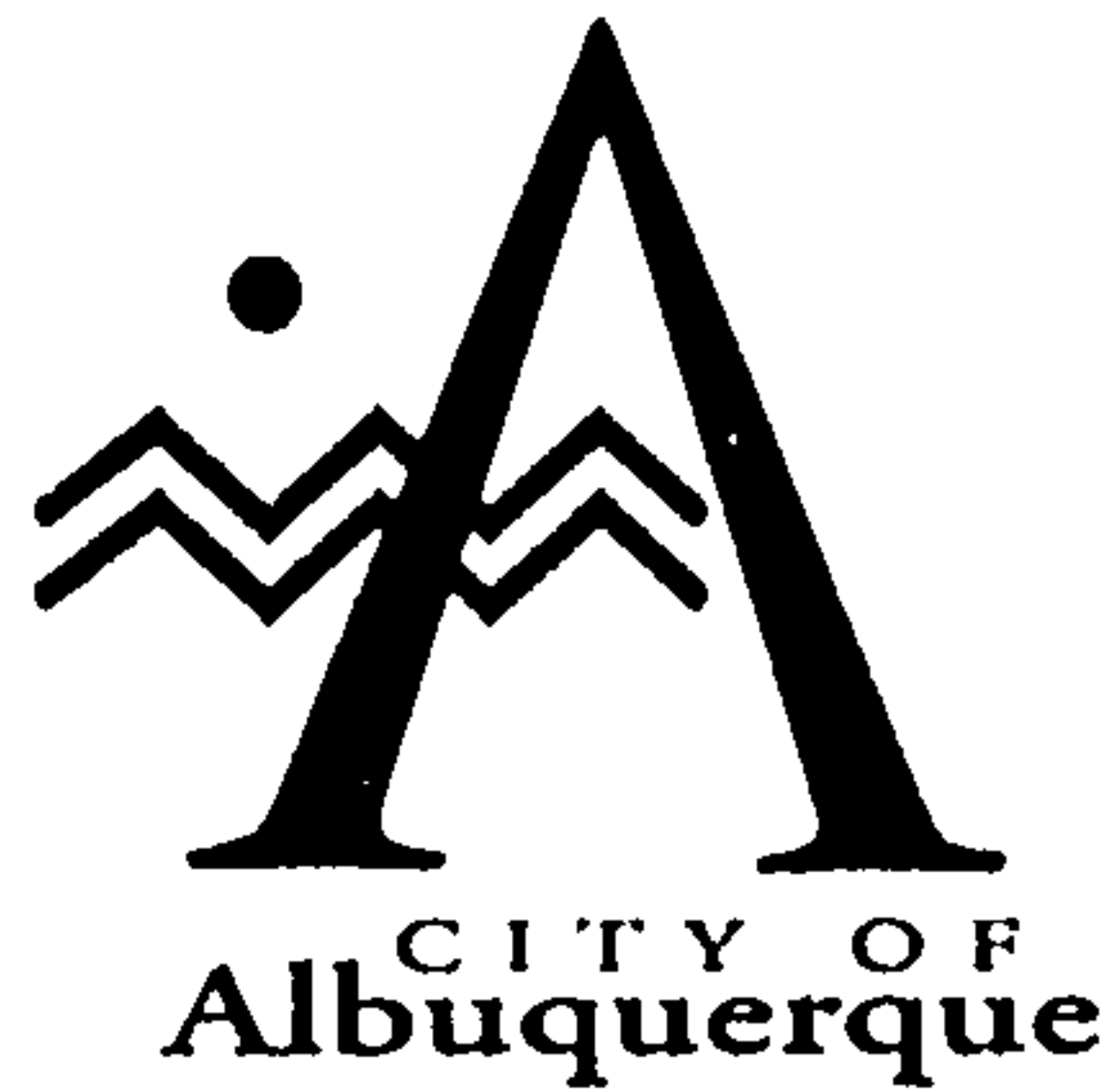
If I can be of further assistance, please feel free to contact me at 924-3986.

C: Andrew Garcia

File

Sincerely

Bernie J. Montoya
Bernie J. Montoya CE
Associate Engineer



Martin J. Chávez, Mayor

November 12, 1997

Chris Weiss
C.L. Weiss Engineering Inc.
P.O. Box 97
Sandia Park, New Mexico 87047

RE: REVISED DRAINAGE PLAN FOR MOTOR FREIGHT FACILITY FOR RAC
TRANSPORT COMPANY (D17-D75) ENGINEER'S STAMP DATED 11/4/97

Dear Mr. Weiss:

Based on the information provided on your November 4, 1997 resubmittal, the above referenced site is approved for Foundation & Building Permit.

Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

Also, prior to Certificate of Occupancy release, the following must be submitted:

1. Engineer Certification per the DPM checklist.
2. Concurrence from AMAFCA for the work done within their R/W.

If I can be of further assistance, please feel free to contact me at 924-3986.

C: Andrew Garcia
Mike Dubay

File

Sincerely

Bernie J. Montoya
Bernie J. Montoya CE
Associate Engineer



10' Wide Valley Gutter
Worksheet for Triangular Channel

Project Description

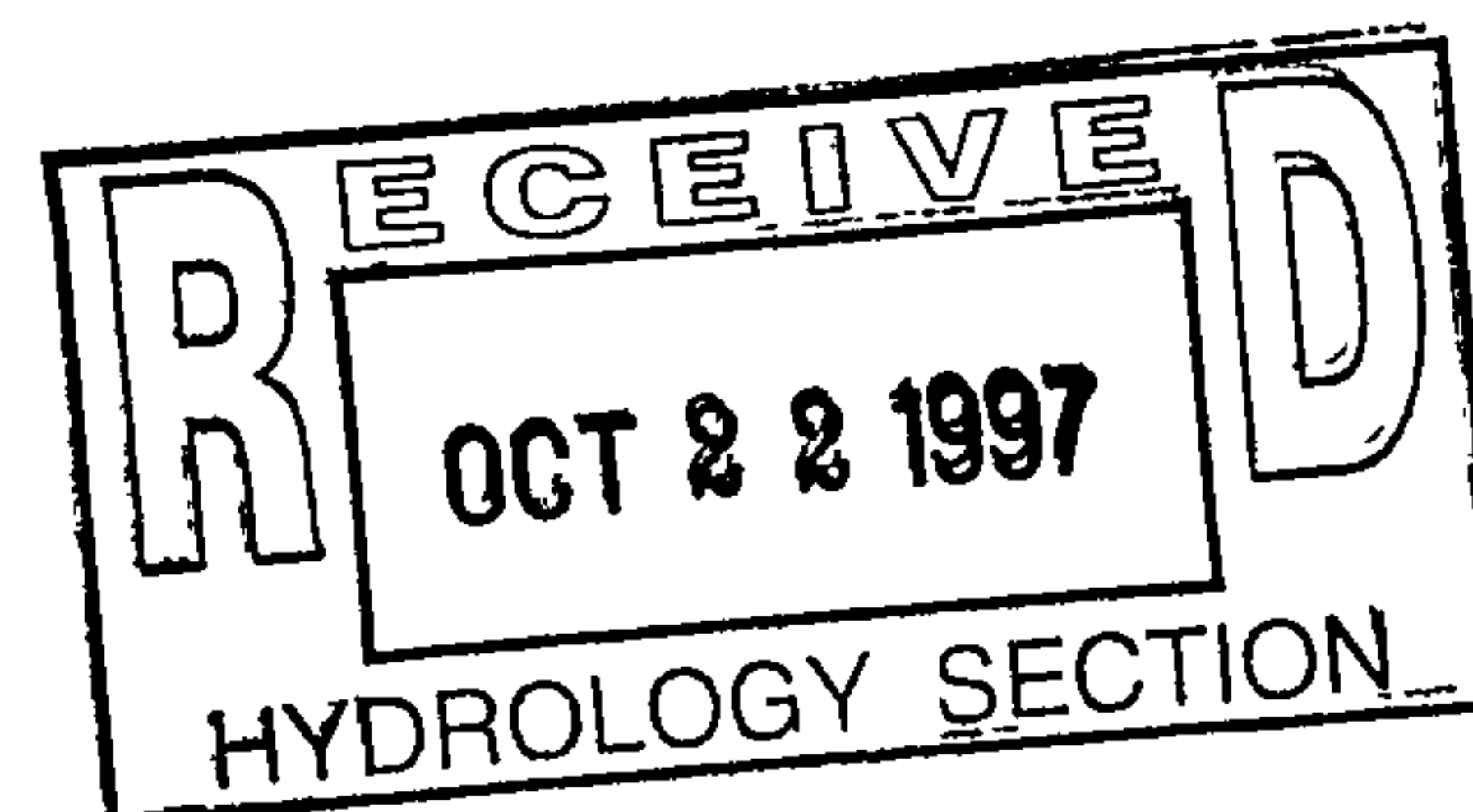
Project File	c:\haestad\fmw\ellison.fm2
Worksheet	Ellison - valley gutter
Flow Element	Triangular Channel
Method	Manning's Formula
Solve For	Channel Depth

Input Data

Mannings Coefficient	0.013
Channel Slope	0.012400 ft/ft
Left Side Slope	10.000000 H : V
Right Side Slope	10.000000 H : V
Discharge	11.05 cfs

Results

Depth	0.48	ft
Flow Area	2.27	ft ²
Wetted Perimeter	9.57	ft
Top Width	9.52	ft
Critical Depth	0.60	ft
Critical Slope	0.003709	ft/ft
Velocity	4.87	ft/s
Velocity Head	0.37	ft
Specific Energy	0.85	ft
Froude Number	1.76	
Flow is supercritical.		



'U' shaped channel ---> AMAFCA Channel
Worksheet for Rectangular Channel

Project Description	
Project File	c:\haestad\fmw\ellison.fm2
Worksheet	U-shaped Channel
Flow Element	Rectangular Channel
Method	Manning's Formula
Solve For	Channel Depth

Input Data	
Mannings Coefficient	0.013
Channel Slope	0.005000 ft/ft
Bottom Width	5.00 ft
Discharge	11.05 cfs

Results	
Depth	0.49 ft
Flow Area	2.47 ft ²
Wetted Perimeter	5.99 ft
Top Width	5.00 ft
Critical Depth	0.53 ft
Critical Slope	0.003930 ft/ft
Velocity	4.48 ft/s
Velocity Head	0.31 ft
Specific Energy	0.81 ft
Froude Number	1.12
Flow is supercritical.	

