



# ***City of Albuquerque***

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

June 15, 1995

Steve Crawford  
Community Sciences  
P.O. Box 1328  
Corrales, NM 87048

RE: MAYER'S COLLISION (H16-D33) ENGINEER'S STAMP DATED 6/9/95.

Dear Mr. Crawford:

The referenced drainage plan is approved for Building Permit. Upon completion of the improvements, a drainage certification per the D.P.M. checklist will be required for sign-off by Hydrology on the Certificate of Occupancy.

Please attach a copy of this approved plan to the construction sets.

If you have any questions, please feel free to contact me at 768-2668.

Sincerely,

Fred J. Aguirre PE  
PWD/Hydrology

FJA/dl

c: Andrew Garcia  
File

## DRAINAGE INFORMATION SHEET

PROJECT TITLE: Mayer's Collision ZONE ATLAS/DRNG. FILE #: H-16/D33  
DRB #: \_\_\_\_\_ EPC #: \_\_\_\_\_ WORK ORDER #: \_\_\_\_\_  
LEGAL DESCRIPTION: Tract C-2, Block E, Replat of Parcel C, Duke City  
CITY ADDRESS: 3216 Los Arboles, NE Industrial Area  
ENGINEERING FIRM: Community Sciences CONTACT: Steve Crawford  
ADDRESS: P.O. Box 1328 PHONE: 897-0000  
Corrales NM 87048  
OWNER: \_\_\_\_\_ CONTACT: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_  
ARCHITECT: \_\_\_\_\_ CONTACT: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_  
SURVEYOR: \_\_\_\_\_ CONTACT: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_  
CONTRACTOR: \_\_\_\_\_ CONTACT: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

## TYPE OF SUBMITTAL:

☐ DRAINAGE REPORT  
☒ DRAINAGE PLAN  
☐ CONCEPTUAL GRADING & DRAINAGE PLAN  
☐ GRADING PLAN  
☐ EROSION CONTROL PLAN  
☐ ENGINEER'S CERTIFICATION  
☐ OTHER \_\_\_\_\_

## PRE-DESIGN MEETING:

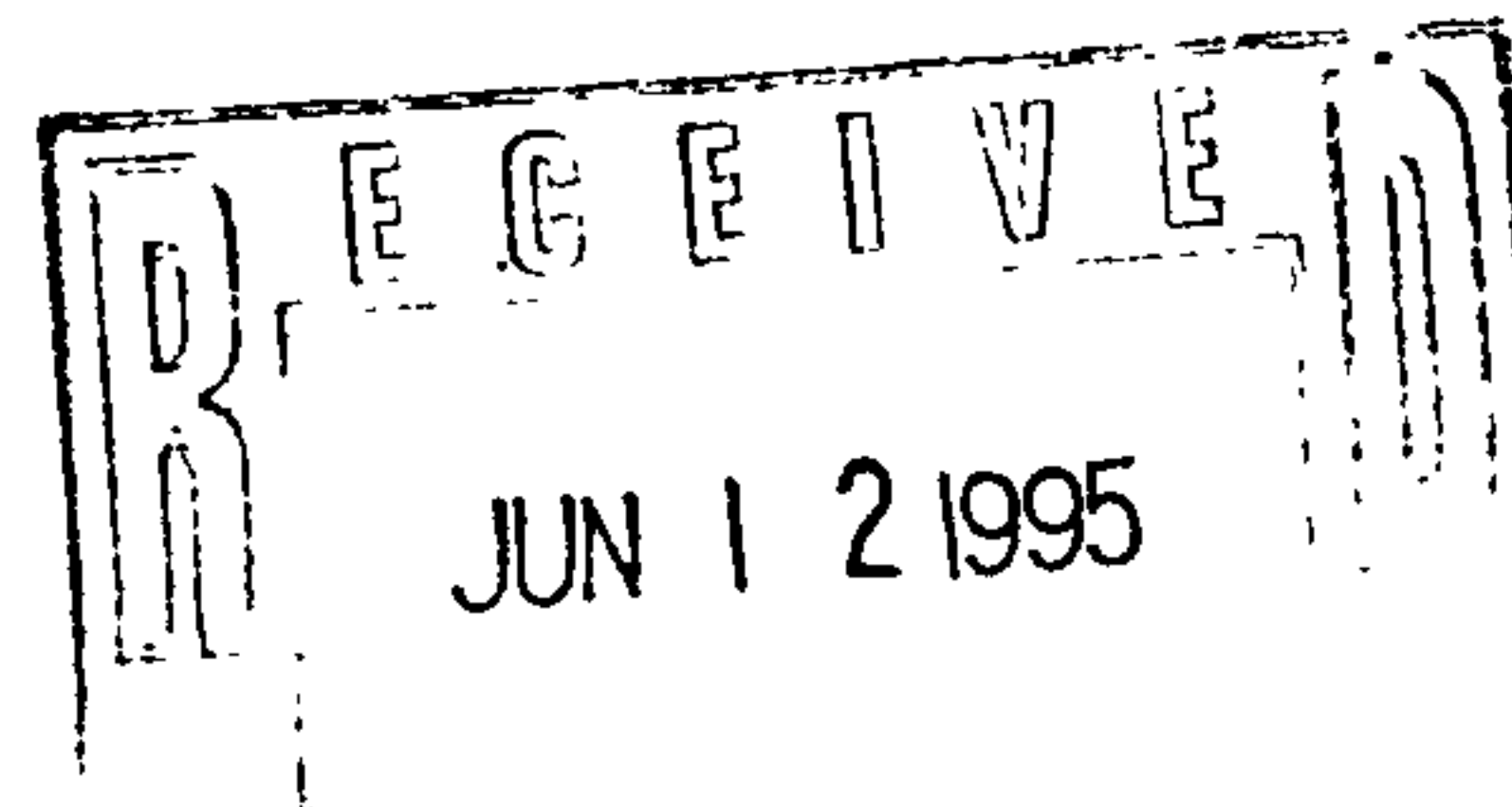
☐ YES  
☒ NO  
☐ COPY PROVIDED

## CHECK TYPE OF APPROVAL SOUGHT:

☐ SKETCH PLAT APPROVAL  
☐ PRELIMINARY PLAT APPROVAL  
☐ S. DEV. PLAN FOR SUB'D. APPROVAL  
☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL  
☐ SECTOR PLAN APPROVAL  
☐ FINAL PLAT APPROVAL  
☐ FOUNDATION PERMIT APPROVAL  
☒ BUILDING PERMIT APPROVAL  
☐ CERTIFICATE OF OCCUPANCY APPROVAL  
☐ GRADING PERMIT APPROVAL  
☐ PAVING PERMIT APPROVAL  
☐ S.A.D. DRAINAGE REPORT  
☐ DRAINAGE REQUIREMENTS  
☐ OTHER \_\_\_\_\_ (SPECIFY)

DATE SUBMITTED:

BY:

Jun 9, 1995[Signature]

June 9, 1995

Mr. Fred Aguirre  
Hydrology Division  
Public Works Department  
City of Albuquerque  
P. O. Box 1293  
Albuquerque, NM 87103

Re: Drainage Plan for Mayer's Collision (Hydrology File H16-D33)

Dear Fred,

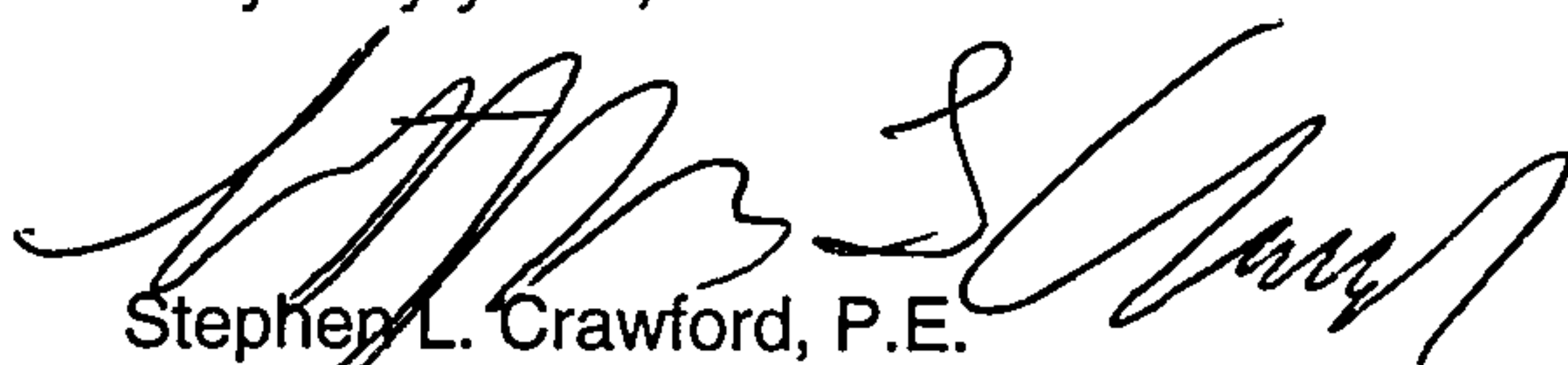
I have revised the subject plan per your June 5, 1995 letter comments and hopefully the project can now be approved for building permit. The following answers to your comments are provided to explain how the plan was revised.

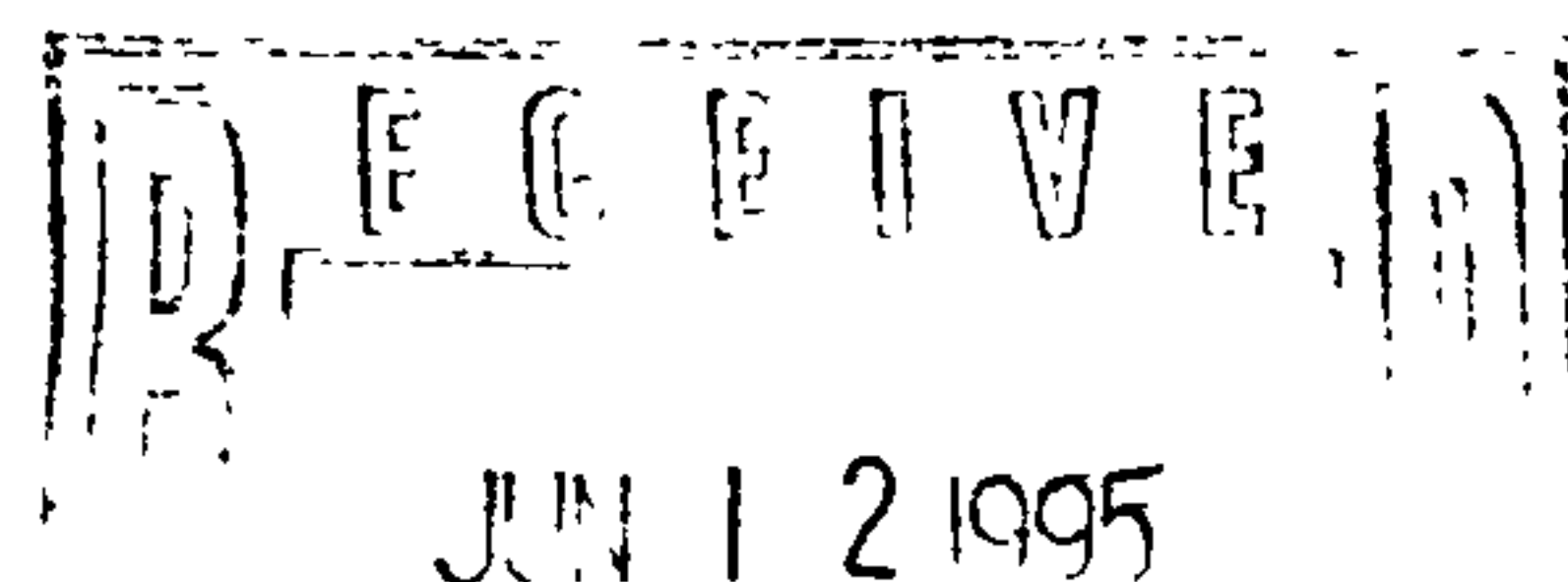
- 1) Off-site flow patterns were added to the plan and a statement concerning off-site flows was added to the text.
- 2) The legend was expanded to include several items which were neglected in the initial submittal.
- 3) The location and elevation for the TBM were added to the plan.
- 4) I have used both treatment "D" and "C" for gravel parking areas in past reports. I discussed this with John Curtin and he said that there is some judgment to be exercised on this issue depending on how well sealed and compacted the gravel surfacing of the existing parking area is at the time the report is prepared. In this case, I concur with your comment to use "C" type treatment since the gravel material is a 2 to 3 inch layer of 3/4 inch gap graded gravel with no fines. The text on the plan has been revised to show a negligible 0.14 cfs increase in runoff.
- 5) As indicated on the plan under "General Notes", the swale is very flat (about 0.25%) and will have some increased maintenance costs due to minor "duck ponds" which will be left after construction. Since this swale only drains the pavement areas either side of it (roof drainage is carried to the front of the building in gutters), the existence of small irregularities and "duck ponds" in the swale are not considered problematic.

In addition to the above items, some additional callouts of existing surface materials were added to the plan for clarity.

If there are any additional questions concerning this plan, please call me since the client is eager to start construction.

Very truly yours,

  
Stephen L. Crawford, P.E.  
Project Manager



CSC#94-01-600/94-01AB.REP

SURVEYING  
LAND PLANNING  
CIVIL ENGINEERING  
DEVELOPMENT CONSULTANTS

## DRAINAGE INFORMATION SHEET

PROJECT TITLE: Mayer's Collision ZONE ATLAS/DRNG. FILE #: H-16/433  
DRB #: \_\_\_\_\_ EPC #: \_\_\_\_\_ WORK ORDER #: \_\_\_\_\_  
LEGAL DESCRIPTION: Tract C-2, Block E, Replat of Parcel C, Duke City  
CITY ADDRESS: 3216 Los Arboles, NE Industrial Area  
ENGINEERING FIRM: Community Sciences CONTACT: Steve Crawford  
ADDRESS: P.O. Box 1328 PHONE: 897-0000  
Corrales NM 87048  
OWNER: \_\_\_\_\_ CONTACT: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_  
ARCHITECT: Barland/ Brian CONTACT: John Thorne  
ADDRESS: \_\_\_\_\_ PHONE: 884-9694  
SURVEYOR: \_\_\_\_\_ CONTACT: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_  
CONTRACTOR: \_\_\_\_\_ CONTACT: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

## TYPE OF SUBMITTAL:

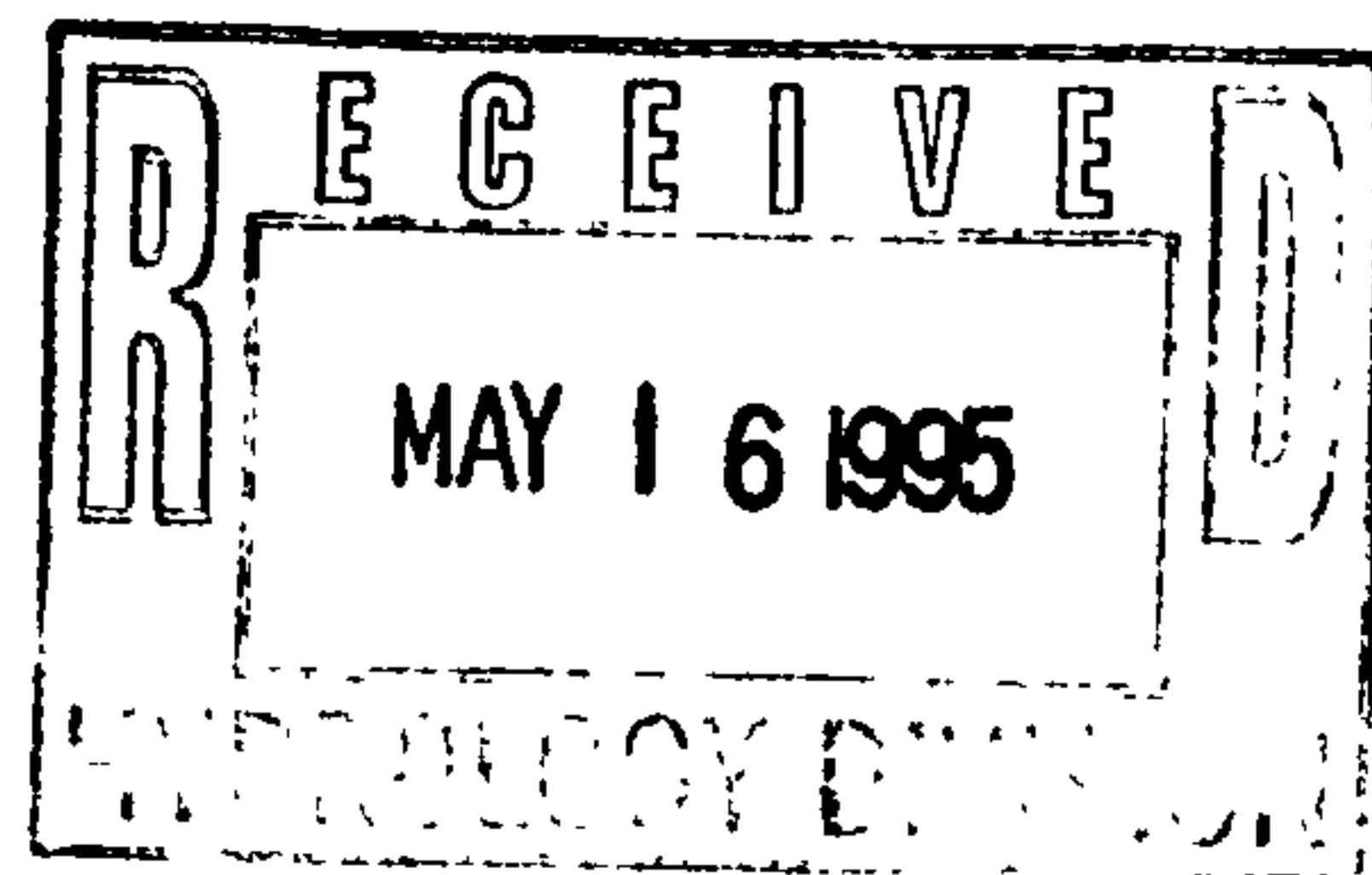
☐ DRAINAGE REPORT  
☒ DRAINAGE PLAN  
☐ CONCEPTUAL GRADING & DRAINAGE PLAN  
☐ GRADING PLAN  
☐ EROSION CONTROL PLAN  
☐ ENGINEER'S CERTIFICATION  
☐ OTHER \_\_\_\_\_

## PRE-DESIGN MEETING:

☐ YES  
☒ NO  
☐ COPY PROVIDED

## CHECK TYPE OF APPROVAL SOUGHT:

☐ SKETCH PLAT APPROVAL  
☐ PRELIMINARY PLAT APPROVAL  
☐ S. DEV. PLAN FOR SUB'D. APPROVAL  
☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL  
☐ SECTOR PLAN APPROVAL  
☐ FINAL PLAT APPROVAL  
☐ FOUNDATION PERMIT APPROVAL  
☒ BUILDING PERMIT APPROVAL  
☐ CERTIFICATE OF OCCUPANCY APPROVAL  
☐ GRADING PERMIT APPROVAL  
☐ PAVING PERMIT APPROVAL  
☐ S.A.D. DRAINAGE REPORT  
☐ DRAINAGE REQUIREMENTS  
☐ OTHER \_\_\_\_\_ (SPECIFY)

DATE SUBMITTED: 5-16-95BY: [Signature]





# ***City of Albuquerque***

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

June 5, 1995

Steve Crawford  
Community Science  
P.O. Box 1329  
Corrales, NM 87048

RE: MAYER'S COLLISION (H16-D33) ENGINEER'S STAMP DATED 5/15/95.

Dear Mr. Crawford:

I have reviewed the referenced drainage plan and the following are my comments:

1. Off-site flows must be addressed. Will the proposed improvements block off-site flows?
2. Please expand your legend to reflect the Hexagon symbols used in your plan.
3. Please provide a temporary Bench Mark (TBM) on your plan.
4. Unpaved parking lots are classified as treatment "C" and not "D", please update your calculations to reflect the increased run-off created by this change in treatment.
5. What are the proposed swale slopes? Are the construction of these slopes feasible?

The drainage plan is difficult to read with respect to existing and proposed improvements and existing and proposed grades to determine the feasibility of your grading plan and its affect on off-site flows.

If you have any questions, feel free to contact me at 768-2668.

Sincerely,

  
Fred J. Aguirre, PE  
PWD/Hydrology Division

FJA/dl

c: Andrew Garcia  
File