PUBLIC WORKS/HYDROLOGY
L14/D17

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D14/D17

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FILE COPY

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

December 11, 1990

Jeff Mortensen, P.E.
Jeff Mortensen & Associates, Inc.
6010-B Midway Park Boulevard, NE
Albuquerque, New Mexico 87109

RE: DRAINAGE PLAN FOR EL CAMBIO PRIVATE STORM DRAIN LINE
(WORK ORDER NO. 4191.90) (L-14/D17) RECEIVED DECEMBER 3, 1990

Dear Mr. Mortensen:

Based on the information provided on your submittal of December 3, 1990, the private portion of the proposed storm line is acceptable.

The construction within the right of way must meet all criteria set forth by DRC.

If I can be of further assistance, please feel free to call me at 768-2650.

Cordially,

Fred J. Aguirre, P.E.
Hydrologist

BJM:FJA/bsj
(WP=2361)

PUBLIC WORKS DEPARTMENT

Walter H. Nickerson, Jr., P.E.
Assistant Director Public Works

ENGINEERING GROUP

Telephone (505) 768-2500

AN EQUAL OPPORTUNITY EMPLOYER

25×10 32×10

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900871

DRAINAGE INFORMATION SHEET

PROJECT TITLE: EL CAMBIO PRIVATE STORM DRAIN ZONE ATLAS/DRNG. FILE #: L14 / D17

DRB #: _____ EPC #: _____ WORK ORDER #: 4191.35

LEGAL DESCRIPTION: TR. B-1, EL CAMBIO PLAZA ADDN.

CITY ADDRESS: _____

ENGINEERING FIRM: JEFF MORTENSEN & ASSOC. CONTACT: JEFF MORTENSEN

ADDRESS: 6010-B MIDWAY PARK BLVD NE PHONE: 345-4250

OWNER: SHELDON BROMBERG C/O RONALD T. TAYLOR CONTACT: RONALD T. TAYLOR

ADDRESS: SUITE 1100, 200 LOMAS NW PHONE: 242-7712

ARCHITECT: N/A CONTACT: _____

ADDRESS: _____ PHONE: _____

SURVEYOR: JEFF MORTENSEN & ASSOC CONTACT: JEFF MORTENSEN

ADDRESS: 6010-B MIDWAY PARK BLVD NE PHONE: 345-4250

CONTRACTOR: SUNDANCE MECHANICAL CONTACT: BURL DICKINSON

ADDRESS: 5920 MIDWAY PARK BLVD. NE PHONE: 345-2594

TYPE OF SUBMITTAL:

___ DRAINAGE REPORT
X DRAINAGE PLAN
___ CONCEPTUAL GRADING & DRAINAGE PLAN
___ GRADING PLAN
___ EROSION CONTROL PLAN
___ ENGINEER'S CERTIFICATION
X OTHER CONSTRUCTION PLANS (SEPARATE COVER)

PRE-DESIGN MEETING:

X 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
X OTHER WORK ORDER (SPECIFY)

RECEIVED DEC 3 1990 HYDROLOGY DIVISION

DATE SUBMITTED: 12-05-90

BY: JEFFREY G. MORTENSEN

25×10 32×10

0000 0000 .1472

jma

JEFF MORTENSEN & ASSOCIATES, INC. ▫ ENGINEERS
6010-B MIDWAY PARK BLVD. N.E. ▫ ALBUQUERQUE ▫ NEW MEXICO 87109 ▫ (505) 345-4250

RECEIVED
DEC 3 1990
HYDROLOGY DIVISION

A MEMBER OF CONSULTING
ENGINEERS COUNCIL OF NEW MEXICO

900871
November 30, 1990

Mr. Fred J. Aguirre
City Hydrologist
City of Albuquerque
P. O. Box 1293
Albuquerque, NM 87103

Re: El Cambio Private Storm Drain (City Project No. 4191.90)

Dear Fred:

In response to our meeting of November 28, 1990, we present the following background information relative to the subject project.

1. The purpose of the private storm drain construction is to drain an existing puddle within the private paving behind the El Cambio Market. Minor flows accumulate in a low point within the paving and do not freely drain, thereby creating a nuisance for the tenant of the Market. The tenant has requested of the property owner to improve the existing drainage conditions, hence this project was initiated.

2. Exhibit "A" shows the proximity of the site to designated flood hazard areas. This Exhibit demonstrates that the site does not lie within a designated 100-year flood hazard. The site does, however, lie within a 500-year flood hazard area as does much of the Valley lands.

3. The purpose of this project is to construct a private storm drain which will be constructed and maintained by the property owner. The storm drain will collect the runoff which accumulates in the aforementioned low point in the existing paving and will convey that runoff via a 10" diameter storm drain west to connect to an existing public storm drain manhole within 8th Street S.W. The entire line will be private with the exception of the connection to the existing manhole which is public and hence must be accomplished by City Work Order.

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4. Exhibit "B" shows the site superimposed on an Ortho-Topo Map provided by the City of Albuquerque. The small contributing area has been approximated on this map based upon field observation, as well as the topography mapped. As shown by this exhibit, the area which contributes to the low point is small in comparison to the overall site. The remainder of the site drains to the various adjoining streets.

5. Calculations have not been provided due to the fact that accurate mapping of the site is not available. The design survey for this project did identify a base line for the private storm drain and has located the inlet at the low point within the paving. The location of the inlet within the low point will alleviate the nuisance problem of standing water on the existing paving. As stated above, the purpose of this project is to eliminate the standing water which presently presents a nuisance in the use of the property. The implementation of this project will merely serve to improve an existing condition.

We hope that this additional information will assist you in your review of this project and will result in your approval of the construction plans for the connection to the public storm drain manhole. If you should have any questions or comments concerning this information, please do not hesitate to call.

Sincerely,

JEFF MORTENSEN & ASSOCIATES, INC.

Jeffrey G. Mortensen, P.E.
President

JGM:dj

Enclosures

25×10 32×10

350002 0005

100871

Exhibit 'A'

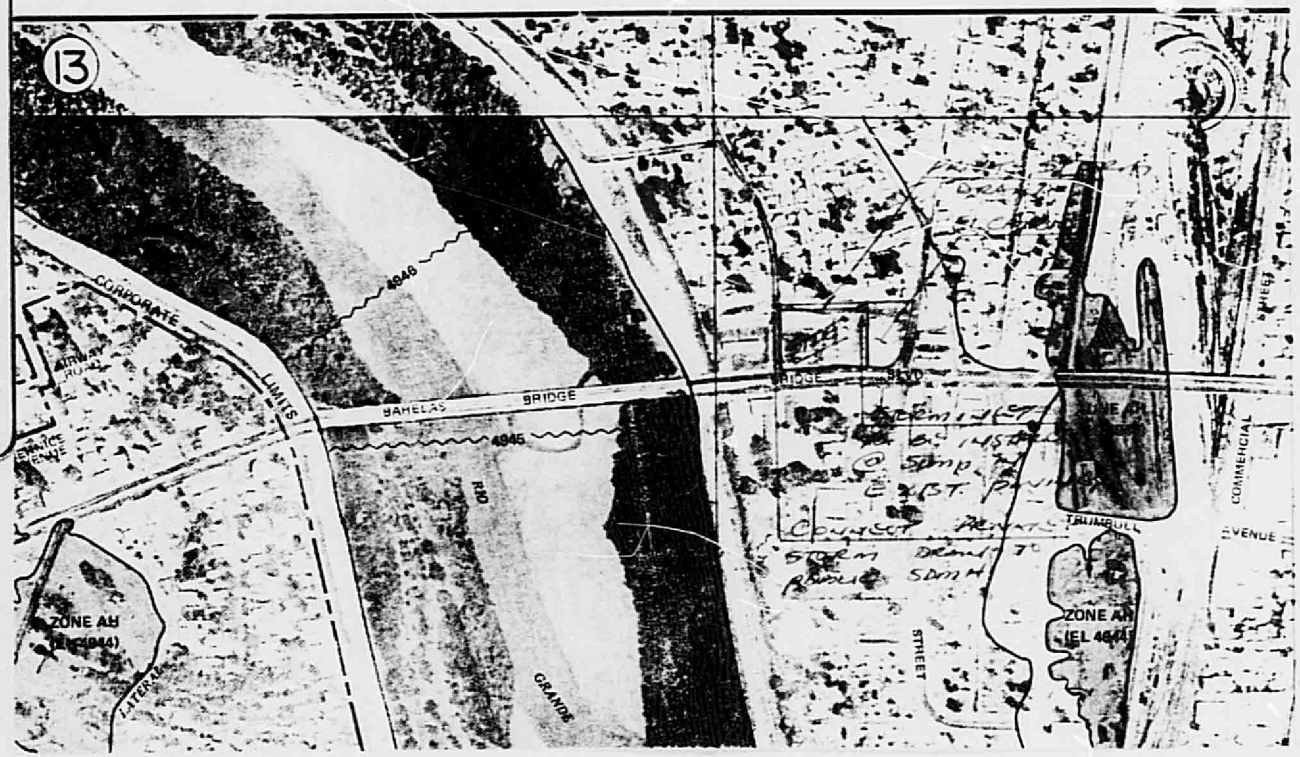
TRIM FOLD

FOLD

FOLD

FOLD

RECEIVED
DEC 3 1990
HYDROLOGY DIVISION



THIS MICROIMAGE IS THE BEST POSSIBLE REPRODUCTION DUE TO THE POOR QUALITY OF THE ORIGINAL DOCUMENT

25×10
32×10

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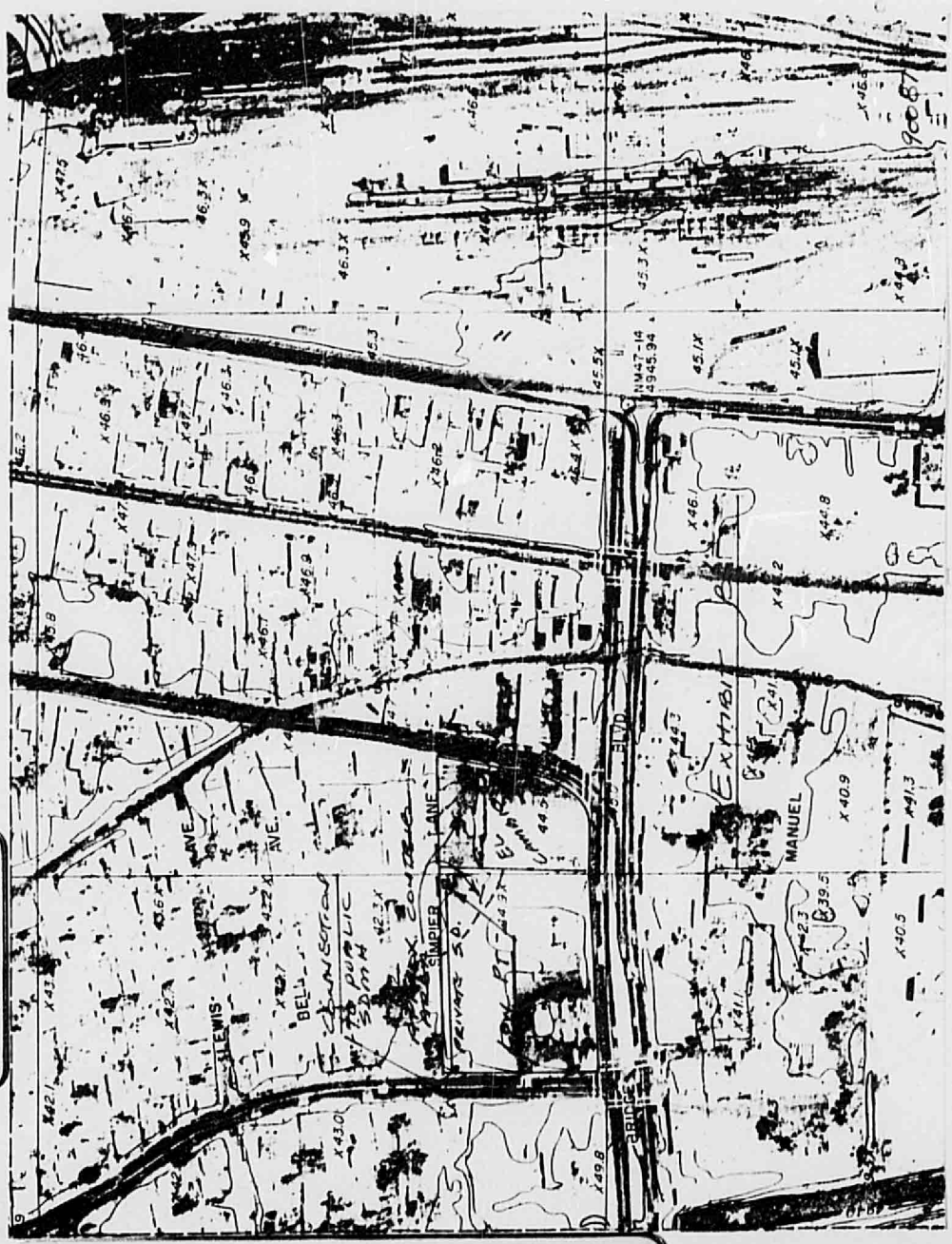
THIS MICROIMAGE IS THE BEST POSSIBLE
REPRODUCTION DUE TO THE POOR QUALITY
OF THE ORIGINAL DOCUMENT



25×10 32×10

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Hydrology L14/D17 Burger King

L14/D17

BURGER KING

1 PLAN

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

DESIGN HYDROLOGY SECTION
123 Central NW, Albuquerque, NM 87102
(505) 766-7644

May 6, 1986

Jake Bordenave, P.E.
DMJM/Adam, Hamlyn, Anderson
5700 Harper Drive, NE Suite 280
Albuquerque, New Mexico 87109

RE: REVISED DRAINAGE PLAN FOR BURGER KING (L-14/D17)
REVISION DATE APRIL 9, 1986

Dear Mr. Bordenave:

Based on the information provided on your May 2, 1986 resubmittal, revisions as indicated are acceptable. Please be advised that my inspector will need to be contacted for a reinspection once the proposed revisions are completed.

If I can be of further assistance, please feel free to contact me at 766-7644.

Sincerely,

Bernie J. Montoya

Bernie J. Montoya, C.E.
Engineering Assistant/Hydrology

cc: Phil McCollum

BJM/bsj

4503-02-01
AC 855132

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Burger King ZONE ATLAS/DRNG. FILE #: L-14-D17
LEGAL DESCRIPTION: Tract B-1, EL CAMBIO PLAZA ADDITION
CITY ADDRESS: Bridge Blvd., SW.
ENGINEERING FIRM: DMJM CONTACT: Jake Bordenave
ADDRESS: 5700 Harper Dr NE Suite #280 PHONE: 822-7955
OWNER: Phil McCollum CONTACT: Phil McCollum
ADDRESS: 750 Chamisal Road NW PHONE: (505) 898-5210
ARCHITECT: N/A CONTACT:
ADDRESS: PHONE:
SURVEYOR: DMJM CONTACT: Walt Richards
ADDRESS: 5700 Harper Dr NE Suite #280 PHONE: 822-7955
CONTRACTOR: Unknown CONTACT:
ADDRESS: PHONE:

PRE-DESIGN MEETING:

X YES DRB NO. —

NO EPC NO. —

COPY OF CONFERENCE RECAP SHEET PROVIDED PROJ. NO.

RECEIVED
MAY 02 1986
HYDROLOGY SECTION

TYPE OF SUBMITTAL:

- DRAINAGE REPORT
- X DRAINAGE PLAN
- CONCEPTUAL GRADING & DRAINAGE PLAN
- X GRADING PLAN
- EROSION CONTROL PLAN
- ENGINEER'S CERTIFICATION
- X Resubmittal

CHECK TYPE OF APPROVAL SOUGHT:

- SKETCH PLAT APPROVAL
- PRELIMINARY PLAT APPROVAL
- SITE DEVELOPMENT PLAN APPROVAL
- FINAL PLAT APPROVAL
- BUILDING PERMIT APPROVAL
- FOUNDATION PERMIT APPROVAL
- X CERTIFICATE OF OCCUPANCY APPROVAL
- ROUGH GRADING PERMIT APPROVAL
- GRADING/PAVING PERMIT APPROVAL
- OTHER _____ (SPECIFY)

DATE SUBMITTED: 5/2/86
BY: Mike Kibbee

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

DESIGN HYDROLOGY SECTION
123 Central NW, Albuquerque, NM 87102
(505) 766-7644

November 19, 1985

Jake Bordenave
DMJM/Adam, Hamlyn, Anderson
5700 Harper Drive, NE Suite 280
Albuquerque, New Mexico 87109

RE: DRAINAGE PLAN FOR BURGER KING
RECEIVED NOVEMBER 13, 1985 (L-14/D17)

Dear Mr. Bordenave:

The referenced plan dated November 16, 1985, is approved for building permit sign-off.

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

If you have any questions or comments regarding this project, call me at 766-7644.

Cordially,

Carlos A. Montoya

Carlos A. Montoya, P.E.
City/County Floodplain Administrator

cc: Phil McCollum
750 Chamisal, NW

BJM:CAM/bsj

AINAGE INFORMATION SHEET

PROJECT TITLE: BURGER KING ZONE ATLAS/DRNG. FILE #: L14-D17

LEGAL DESCRIPTION: TRACT B-1, EL CAMBIO PLAZA ADDITION

CITY ADDRESS: BRIDGE BLVD., S. W.

ENGINEERING FIRM: DMJM CONTACT: J. J. BORDENAVE

ADDRESS: 5700 HARPER DRIVE, NE, SUITE 280 PHONE: 822-7955

OWNER: PHIL MCCOLLUM CONTACT: PHIL MCCOLLUM

ADDRESS: 750 CHAMISAL ROAD, N. W. PHONE: (505) 898-5200

ARCHITECT: N/A CONTACT:

ADDRESS: PHONE:

SURVEYOR: DMJM CONTACT: J. J. BORDENAVE

ADDRESS: 5700 HARPER DRIVE, N. E. PHONE: 822-7955

CONTRACTOR: UNKNOWN CONTACT:

ADDRESS: PHONE:

PRE-DESIGN MEETING

____YES

____NO

____COPY OF CONFERENCE RECAP SHEET PROVIDED

RECEIVED NOV 13 1985 HYDROLOGY SECTION

DRB NO. -------

EPC NO. ------

PROJ. NO.

TYPE OF SUBMITTAL:

____DRAINAGE REPORT

_X_DRAINAGE PLAN

____CONCEPTUAL GRADING & DRAINAGE PLAN

____GRADING PLAN

____EROSION CONTROL PLAN

____ENGINEER'S CERTIFICATION

_X_RESUBMITTAL

CHECK TYPE OF APPROVAL SOUGHT:

____SKETCH PLAT APPROVAL

____PRELIMINARY PLAT APPROVAL

____SITE DEVELOPMENT PLAN APPROVAL

____FINAL PLAT APPROVAL

_X_BUILDING PERMIT APPROVAL

____FOUNDATION PERMIT APPROVAL

____CERTIFICATE OF OCCUPANCY APPROVAL

____ROUGH GRADING PERMIT APPROVAL

____GRADING/PAVING PERMIT APPROVAL

____OTHER _____ (SPECIFY)

DATE SUBMITTED: 11/13/85

BY: Jean Barlone

DMJM/ Adam, Hamlyn, Anderson

Reply To: XX Albuquerque, NM 87109 5700 Harper Dr., NE, Suite 280 505-822-7955

LETTER OF TRANSMITTAL

TO: DESIGN HYDROLOGY SECTION
123 Central, N. W.

ATTN: CARLOS MONTOYA

DATE:	PROJECT NO.
11-13-85	BURGER KING 4503-02-01
PROJECT: BURGER KING BRIDGE BLVD., SW	

WE TRANSMIT:

(X) herewith ( ) under separate cover via
(X) in accordance with your request Letter of September 26, 1985

FOR YOUR:

(X) approval ( ) distribution to parties ( ) information
( ) review & comment ( ) record
( ) use ( )

THE FOLLOWING:

( ) prints ( ) copy of letter ( ) change order
( ) originals ( ) specifications ( ) calculations
( ) shop drawings ( )

RECEIVED NOV 13 1985 HYDROLOGY SECTION

Copies	Dwg. No.	DESCRIPTION	Action Code
1		BLUELINE - Burger King	

Action Code
A. REVIEWED
B. REVIEWED AS NOTED
C. REVISE & RESUBMIT
D. REJECTED
E. See REMARKS below

REMARKS:

COPIES TO: 11/13/85

If enclosures are not as noted, please inform us immediately.

SIGNED: Jerry L. Robinson

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

DESIGN HYDROLOGY SECTION
123 Central NW, Albuquerque, NM 87102
(505) 766-7644

September 26, 1985

Mr. J.J. Bordenave
DMJM
5700 Harper Dr. NE, Suite 280
Albuquerque, NM 87109

REF: DRAINAGE PLAN FOR BURGER KING (L14-D17) RECIEVED SEPTEMBER 16, 1985

Dear Mr. Bordenave:

Based on the information provided on your September 10, 1985 submittal, listed you will find certain concerns that will need to be addressed before final approval is granted:

1. New information sheet with resubmittal designation.
2. Engineer's stamp with signature and revision date.
3. What is your existing Q100 flow rate.
4. Direction and location of roof drains.

If I can be of further assistance, please feel free to call me at 766-7644.

Sincerely,

Carlos A. Montoya
City/County Flood Plain Admin.

CAM/BJM/cl

DMJM/Adam, Hamlyn, Anderson

CITY OF ALBUQUERQUE
MDD/ENGR - Hydrology
P. O. Box 1293
Albuquerque, NM 87103

RECEIVED
SEP 10 1985
HYDROLOGY SECTION

ATTN: Mr. Fred Aguirre

RE: Burger King - DMJM No. 4503-02-01

Dear Sir:

The attached is a resubmittal of a drainage plan originally submitted the first part of August, 1985. There is no trace of the original submittal and I now have a client that is livid. I realize you cannot help the fact that the original report has been misplaced but I would ask that this copy be reviewed in a timely manner.

Submitted are the following:
- INFORMATION SHEET , SCS SOILS MAP
- DRAINAGE PLAN
- FEMA MAP
- AMDS MAP
- PRE-DESIGN CONFERENCE RECAP
- THE FOLLOWING NARRATIVE:

The proposed development is to be constructed on a previously used site and in essence will be replacing one impervious surface with another. The new development however, will direct storm drainage to paved streets, whereas the existing development allowed flows to pond in the unpaved street right-of-way immediately north of the site.

No offsite flows enter the site and all flows generated onsite are directed to 8th Street. There are two (2) Single "C" catch basins within 100 feet of the site which will intercept the onsite flows. The storm drainage system is adequate for this area, however, it is to be upgraded north and east of this site as there is flooding in that area. See AMDS VOL. I facility 130.01B

The area is located in Zone B of the FIRM maps because it is located within an area protected by a levee. No special precautions are to be taken due to this zone designation.

If additional information is required, please notify me.

Sincerely,

Jean J. Bordenave, P. E.

JJB/dt

A Division of
Daniel, Mann, Johnson, & Mendenhall

Suite 280
5700 Harper Drive, N.E.
Albuquerque, New Mexico 87109
Telephone: 505/822-7955

Planning
Engineering
Systems
Economics

DRAINAGE INFORMATION SHEET

PROJECT TITLE: BURGER KING ZONE ATLAS/DRNG. FILE #: ~~J14~~ L14/D17

LEGAL DESCRIPTION: TRACT B-1, EL CAMBIO PLAZA ADDN.

CITY ADDRESS: BRIDGE BLVD, S. W.

ENGINEERING FIRM: DMJM CONTACT: J. J. BORDENAVE

ADDRESS: 5700 HARPER DR., N. E. SUITE 280 PHONE: 822-7955

OWNER: PHIL McCULLOM CONTACT: PHIL McCULLOM

ADDRESS: 750 CHAMISAL RD., N. W. PHONE: (505) 898-5200

ARCHITECT: N/A CONTACT:

ADDRESS: PHONE:

SURVEYOR: DMJM CONTACT: J. J. BORDENAVE

ADDRESS: 5700 HARPER DR., N. E. SUITE 280 PHONE: 822-7955

CONTRACTOR: UNKNOWN CONTACT:

ADDRESS: PHONE:

RECEIVED SEP 10 1985 HYDROLOGY SECTION

PRE-DESIGN MEETING:

X YES DRB NO. DRB-85-401 --- 6/4/85

NO EPC NO. X

X COPY OF CONFERENCE RECAP SHEET PROVIDED PROJ. NO. ---

TYPE OF SUBMITTAL:

DRAINAGE REPORT

X DRAINAGE PLAN

CONCEPTUAL GRADING & DRAINAGE PLAN

GRADING PLAN

EROSION CONTROL PLAN

ENGINEER'S CERTIFICATION

CHECK TYPE OF APPROVAL SOUGHT:

SKETCH PLAT APPROVAL

PRELIMINARY PLAT APPROVAL

SITE DEVELOPMENT PLAN APPROVAL

FINAL PLAT APPROVAL

X BUILDING PERMIT APPROVAL

FOUNDATION PERMIT APPROVAL

CERTIFICATE OF OCCUPANCY APPROVAL

ROUGH GRADING PERMIT APPROVAL

GRADING/PAVING PERMIT APPROVAL

OTHER (SPECIFY)

DATE SUBMITTED: 9/9/85

BY: Jean Bordenave

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION/DESIGN HYDROLOGY SECTION

PRE-DESIGN CONFERENCE RECAP

HYDROLOGY SECTION PROJECT NO.: L-14 DATE: 8/2/85

PLANNING DIVISION NOS. EPC: _____ DRB: _____

SUBJECT: Burger King on Bridge

LEGAL DESCRIP.: Tract B1 El Cambio Addn.

APPROVAL REQUESTED

_____ PRELIMINARY PLAT _____ FINAL PLAT

_____ SITE DEVELOPMENT PLAN X BUILDING PERMIT

_____ ROUGH GRADING

	WHO:	REPRESENTING:
ATTENDANCE:	Charles Burm	DMJM
	Mike Kibbee	DMJM
	Billy Goolsby	City

_____ Conceptual Drainage Plan/Report required for Preliminary Plat and/or Site Development Plan sign-off.

X Approved Drainage Plan/Report required for ~~Final Plat and/or~~ Building Permit sign-off.

_____ Subdivision Improvements Agreement or Financial Security required.

FINDINGS: ① Discharge to be determined by analysis of downstream capacity ② Erosion control Plan for the period of construction

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:	Billy J. Goolsby	SIGNED:	Charles Burm
TITLE:	CE/Design Hydro	TITLE:	
DATE:	8/2/85	DATE:	8/2/85

NOTE PLEASE PROVIDE A COPY OF THIS RECAP WITH THE DRAINAGE SUBMITTAL