

April 28, 2017

Levi J. Valdez, PE George T Rodriguez-Development Consultant 12800 San Juan Rd. SE Albuquerque, NM 87123

Re: Foods of New Mexico Facility

3041 University Blvd. SE

Request Permanent C.O. - Accepted

Engineer's Stamp dated: 10-26-15 (M15D023C)

Certification dated: 4-24-17

Dear Mr. Valdez,

Based on the Certification received 4/26/2017, the site is acceptable for permanent release of Certificate of Occupancy by Hydrology.

PO Box 1293

If you have any questions, you can contact me at 924-3686 or Totten Elliott at 924-3982.

Albuquerque

Sincerely,

New Mexico 87103

Vames D. Hughes/P.E.

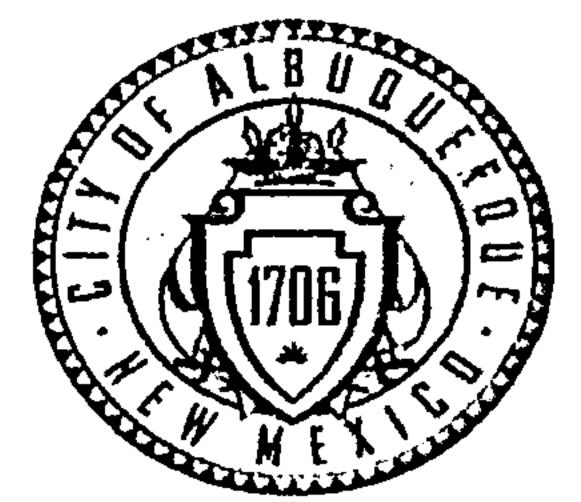
Principal Engineer, Planning Dept. Development and Review Services

www.cabq.gov

TE/JH

C: email

Serna, Yvette M.; Fox, Debi; Tena, Victoria C.; Sandoval, Darlene M.



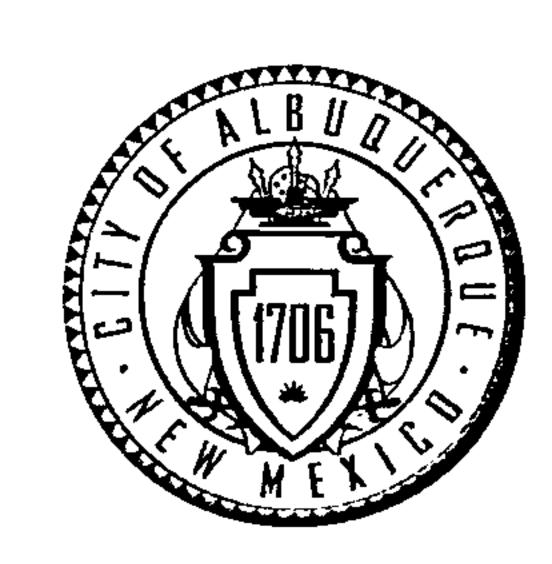
Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 11/2016)

FOODS OF NEW Project Title: MEXICO FACILITY	D.::1.1:	¥ T1	logy File #: <u>MISDO</u> Z3
	Building Permit #:		
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Legal Description: SZY PORTION	•		
City Address: 304/ CIVIVERS/	77 BLVD- 5-6	الم ــ •	· · · · · · · · · · · · · · · · · · ·
GEORGE T. RODRIGA Applicant: LEVI J. VALDEZ,	EZ, DEVELOPMI P.E. X 5G93 K	EKT COKSULT- 1. M- Contact:	GEORGE RODRIGUE LEVIJ-VALDEZ
Address: 12800 SAN JULY N	'.E., ALBUQUE		•
Phone#: 505-610-0593	Fax#:	E-mail:	pawrod & hotma
Other Contact: R2ARCHITECTZ		/ Contact:	ROB RAYNER
Address: <u>730 SAN MATEO</u>			7/08
Phone#: <u>505-792-6224 OFFICE</u> 505-321-3932 CELL	三 Fax#:	E-mail:	
505-321-3932 CELL			
Check all that Apply:			
DEPARTMENT: HYDROLOGY/ DRAINAGE TRAFFIC/ TRANSPORTATION		YPE OF APPROVAL/ACCE BUILDING PERMIT APP CERTIFICATE OF OCCU	ROVAL
TYPE OF SUBMITTAL:		PRELIMINARY PLAT A	PPROVAL
ENGINEER/ARCHITECT CERTIFICAT	'ION	SITE PLAN FOR SUB'D	
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CONCEPTUAL G & D PLAN		FINAL PLAT APPROVA	L
	26 2017		
DRAINAGE MASTER PLAN		SIA/ RELEASE OF FINA	NCIAL GUARANTEE
DRAINAGE REPORT	LOPMENT SECTION	FOUNDATION PERMIT	
CLOMR/LOMR		GRADING PERMIT APP	ROVAL
		SO-19 APPROVAL	○ τ τ τ
TRAFFIC CIRCULATION LAYOUT (T	CL)	PAVING PERMIT APPRO	
TRAFFIC IMPACT STUDY (TIS)		GRADING/ PAD CERTIF WORK ORDER APPROVA	
OTHER (SPECIFY)		CLOMR/LOMR	
PRE-DESIGN MEETING?			
IS THIS A RESUBMITTAL?: Yes	_No	OTHER (SPECIFY)	
DATE SUBMITTED: <u>04-26-17</u>	7By:	REE T. KODRI	SUEZ_
COA STAFF:	ELECTRONIC SUBMIT	MAI RECEIVED.	

FEE PAID:



Planning Department Transportation Development Services

October 29, 2015

Robert Rayner R2 Architectural Design and Consulting 730 San Mateo Blvd., SE Albuquerque, NM 871108

Re: Foods of New Mexico Warehouse

3041 University Blvd.
Traffic Circulation Layout

Architect's Stamp dated 10-28-15 (M15-D023C)

Dear Mr. Rayner,

The TCL submittal received 10-27-15 is approved for Building Permit. A copy of the stamped and signed plan will be needed for each of the building permit plans. Please keep the original to be used for certification of the site for final C.O. for Transportation.

Albuquerque

PO Box 1293

When the site construction is completed and a Certificate of Occupancy (C.O.) is requested, use the original City stamped approved TCL for certification. Redline any minor changes and adjustments that were made in the field. A NM registered architect or engineer must stamp, sign, and date the certification TCL along with indicating that the development was built in "substantial compliance" with the TCL. Submit this certification TCL with a completed <u>Drainage and Transportation Information Sheet</u> to front counter personnel for log in and evaluation by Transportation.

NM 87103

Once verification of certification is completed and approved, notification will be made to Building Safety to issue Final C.O. To confirm that a final C.O. has been issued, call Building Safety at 924-3690.

www.cabq.gov

Racquel M. Michel, P.E.

Traffic Engineer, Planning Dept. Development Review Services

\as

Sincerely,

via: email

C:

CO Clerk, File



Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

mit #: City Drainage #: 10000
057106
Contact:
E-mail:
Contact: Dervis caepente
E-mail:
Contact: Posser + Rayra
Contact. 1-51321 1 1-51-571-5
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OR/LOMR DESIGN MEETING OR (SPECIFY)
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Planning Department Transportation Development Services

October 26, 2015

Robert Rayner R2 Architectural Design and Consulting 730 San Mateo Blvd., SE Albuquerque, NM 871108

Re: Foods of New Mexico Warehouse
3041 University Blvd.
Traffic Circulation Layout
Architect's Stamp dated 10-1-15 (M15-D023C)

Dear Mr. Rayner,

Based upon the information provided in your submittal received 10-15-15, the above referenced plan cannot be approved for Building Permit until the following comments are addressed:

PO Box 1293

- 1. Identify the right of way width and street width on University.
- 2. Please list the width and length for all existing parking spaces.

Albuquerque

- 3. The handicap accessible spaces must be a minimum of 8.5 feet in width.
- 4. The handicap accessible spaces must include an access aisle 8 ft. wide van accessible space; the other aisles should be 5 ft. in width.

New Mexico 87103

5. The ADA accessible parking sign must have the required language per 66-7-352.4C NMSA 1978 "Violators Are Subject to a Fine and/or Towing." Please show a detail of existing ADA signage.

www.cabq.gov

- 6. The ADA access aisle shall have the words "NO PARKING" in capital letters, each of which shall be at least one foot high and at least two inches wide, placed at the rear of the parking space so as to be close to where an adjacent vehicle's rear tire would be placed. (66-1-4.1.B NMSA 1978) Please show this detail on drawing.
- 7. Show all drive aisle widths and radii.
- 8. Per the DPM, a 6 ft. wide ADA accessible pedestrian pathway is required from the HC parking stall access aisles to the building entrances. Please detail dimension of existing ADA pathway.

Please include two copies of the traffic circulation layout at the next submittal.



Resubmit acceptable package along with fully completed Drainage Transportation Information Sheet to front counter personnel for log in and evaluation by Transportation. If you have any questions, please contact Gary Sandoval (505) 924-3675 or me at 924-3991.

Sincerely,

Racquel M. Michel, P.E.

Traffic Engineer, Planning Dept. Development Review Services

\gs

via: email

C:

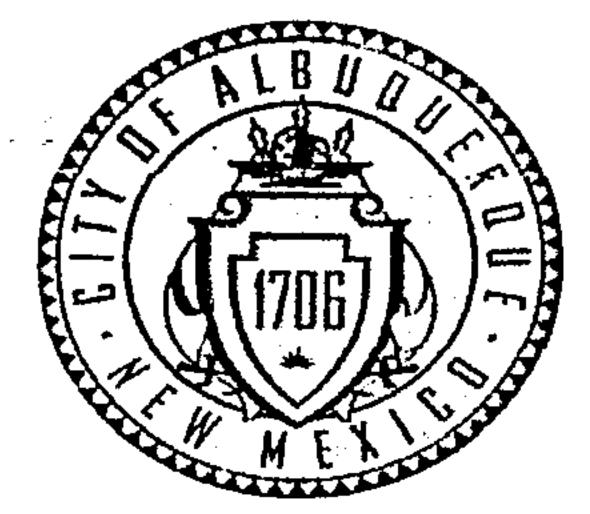
CO Clerk, File

PO Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov



COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: ____

City of Albuquerque

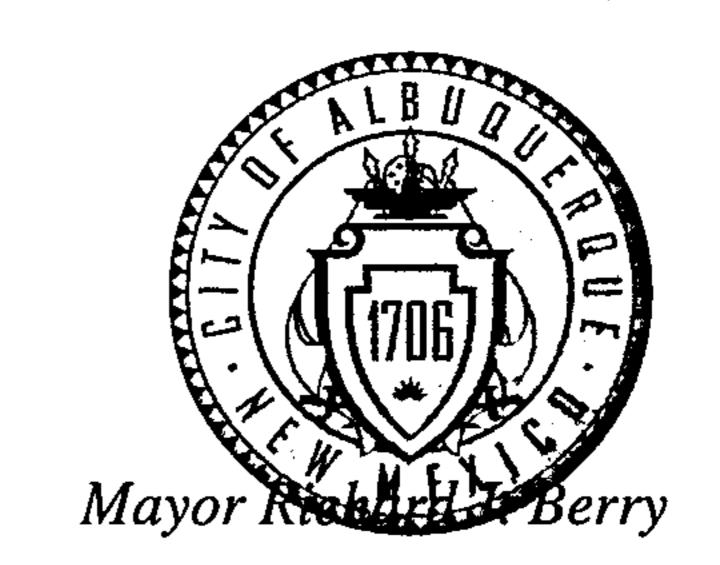
Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title: Foods of New Nexto walehouse Building Permit	5/592547 t#: City Drainage #: MTSDO
DRB#:	Work Order#:
Legal Description: LOT3A BLOCKZ Surport PARK SUBDU	
City Address: BOHI DRIVErsity BLUD SE ALBUD NIN	87106
Engineering Firm:	Contact:
Address:	
Phone#: Fax#:	E-mail:
Owner: LIM FOODS DISTRIBUTORS, NC.	Contact: Denvis carpenter
Address: 304/ UNIVERSITY BLUD BUF \$7/06	
Phone#: Fax#:	E-mail:
Architect: R2 ARchitectural Design Consulting Address: 730 SAN MATER BLUD SK 87108	Contact: Robert RAyrun
Phone#: 505-792-6224 Fax#: 505-792-6224	E-mail: Rope R2 ArchitectueAl.
Other Contact:	Contact:
Address:	
Phone#:	E-mail:
MS4/ EROSION & SEDIMENT CONTROL TYPE OF SUBMITTAL: ENGINEER/ ARCHITECT CERTIFICATION CONCEPTUAL G & D PLAN GRADING PLAN DRAINAGE MASTER PLAN DRAINAGE REPORT CLOMR/LOMR CERTIFIC PRELIMIT SITE PLA SITE PLA FINAL PI SIA/ REL FOUNDA GRADING GRADING SO-19 AF	CATE OF OCCUPANCY NARY PLAT APPROVAL AN FOR SUB'D APPROVAL AN FOR BLDG. PERMIT APPROVAL LAT APPROVAL EASE OF FINANCIAL GUARANTEE TION PERMIT APPROVAL PERMIT APPROVAL PERMIT APPROVAL PERMIT APPROVAL
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OTHER (SPECIFY)PRE-DESIG	COMR GN MEETING SPECIFY)
IS THIS A RESUBMITTAL?: YesNo	
DATE SUBMITTED: 10/16/15 By: August	
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

Planning Department
Suzanne Lubar, Director



October 27, 2015

Levi J. Valdez, PE George T Rodriguez-Development Consultant 12800 San Juan Rd. SE Albuquerque, NM 87123

Re: Foods of New Mexico 3041 University SE

Grading & Drainage Plan

Engineer's Stamp dated: 10-26-15 (M15D023C)

Dear Mr. Valdez,

Based on the information provided in your submittal received 10/26/2015, this plan is approved for building Permit.

PO Box 1293

Please attach a copy of this approved plan, dated 10-26-15, to the construction sets in the permitting process prior to sign-off by Hydrology.

Albuquerque

Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

New Mexico 87103

If you have any questions, you can contact me at 924-3695 or Rudy Rael at 924-3977.

www.cabq.gov

Shahab Biazar, P.E.

Sincerely,

City Engineer, COA

Planning Department

RR/SB

C

email



#### Planning Department

#### Development & Building Services Division

#### DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 02/2013)

City Drainage #: <u>M1500230</u> FOODS OF NEW MEXICO DRB#: Work Order#: Legal Description: S'LY PORTION OF LOT 3-A, BLK-2, SUNPORT PARK 741 LINIVERSITY BLVD- S.E. Engineering Firm: GEORGE TO RODRIGUEZ-DEVEL - CONSULT Contact: GEORGE RODRIGUEZ Address: 12800 SAN JUAN N.E-, ALBUR, NEW MEXICO 87123

E-mail: pawrod ( hotmail - com Phone#: 505-610-0593 Fax#: FOODS OF KEKINEXICO Contact:

Phone#: Fax#: E-mail:

Architect: ROBERT C. RAYWER, AIA Contact: ROB RAYNGR

730 SAN MATEO BLYD, S. E., LLBUR., NEW MEXICO

792-6224 E-mail: rob@RZarchitectural-com Phone#: Fax#: HERRIS SCIRVEYING CO-

Address: Phone#: Fax#: E-mail:

Contact: Contractor: Address:

Phone#: Fax#: E-mail:

#### TYPE OF SUBMITTAL: CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT: DRAINAGE REPORT SIA/FINANCIAL GUARANTEE RELEASE DRAINAGE PLAN 1st SUBMITTAL PRELIMINARY PLAT APPROVALLE

S. DEV. PLAN FOR SUB'D AMPROXALU DRAINAGE PLAN RESUBMITTAL S. DEV. FOR BLDG. PERMIT/APPROVAL CONCEPTUAL G & D PLAN

SECTOR PLAN APPROVAL GRADING PLAN CERTIFICATE OF OCCUPANCY (PERMOPMENT SECTION) FINAL PLAT APPROVAL EROSION & SEDIMENT CONTROL PLAN (ESC) ENGINEER'S CERT (HYDROLOGY)

CLOMR/LOMR TRAFFIC CIRCULATION LAYOUT (TCL)

BUILDING PERMIT APPROVAL ENGINEER'S CERT (TCL)

ENGINEER'S CERT (DRB SITE PLAN) ENGINEER'S CERT (ESC) PAVING PERMIT APPROVAL

**SO-19** OTHER (SPECIFY) GRADING CERTIFICATION

FOUNDATION PERMIT APPROVAL SO-19 APPROVAL GRADING PERMIT APPROVAL ESC PERMIT APPROVAL ESC CERT. ACCEPTANCE WORK ORDER APPROVAL

OTHER (SPECIFY)

Copy Provided WAS A PRE-DESIGN CONFERENCE ATTENDED: No Yes DATE SUBMITTED:

kequests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location, and scope to the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following

- Conceptual Grading and Drainage Plan: Required for approval of Site Development Plans greater than five (5) acres and Sector Plans
- Drainage Plans: Required for building permits, grading permits, paving permits and site plans less than five (5) acres
- Drainage Report: Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more
- Erosion and Sediment Control Plan: Required for any new development and redevelopment site with 1-acre or more of land disturbing area, including project less than 1-acre than are part of a larger common plan of development



P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

Victor Chavez, P.E. Chavez-Grieves Consulting Engineers, Inc. 4600-C Montgomery Boulevard, NE #101 Albuquerque, New Mexico 87109

> RE: DRAINAGE PLAN FOR MOORE PAPER, (M-15/D23C) ENGINEER'S STAMP DATED JANUARY 2, 1991

Dear Mr. Chavez:

Based on the information provided on your submittal received February 27, 1991, the referenced plan is approved for Certificate of Occupancy release.

If you should have any questions, please do not hesitate to call me at 768-2650.

PUBLIC WORKS DEPARTMENT

PROJECT TITLE: More Business For	<del></del>
LEGAL DESCRIPTION: Portion at bloo	ch Z. Sunport park (Proposed Lot
3-A) Albuquerique New Mox	cies.
CITY ADDRESS:	
ENGINEERING FIRM: Chauses Mineres	onsulting ENG. CONTACT: Ray Mornez.
$\frac{1}{1}$	N.E. PHONE: 881-7376
OWNER: Moere Bissiness Forms	CONTACT:
ADDRESS:	PHONE:
ARCHITECT: Fanning. Band. Conser	CONTACT: ART TATUM
ADDRESS: 4600-A Montgomery	
SURVEYOR: Androws, Asbury & Roberts	
ADDRESS:	PHONE:
CONTRACTOR:	CONTACT:
ADDRESS:	PHONE:
PRE-DESIGN MEETING:YES /NO	DRB NO
COPY OF CONFERENCE RECAP SHEET PROVIDED	PROJ. NO
TYPE OF SUBMITTAL:	CHECK TYPE OF APPROVAL SOUGHT:
DRAINAGE REPORT	SKETCH PLAT APPROVAL
DRAINAGE PLANCONCEPTUAL GRADING & DRAINAGE PLAN	PRELIMINARY PLAT APPROVAL
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EROSION CONTROL PLAN	FINAL PLAT APPROVAL  BUILDING PERMIT APPROVAL
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ATE SUBMITTED: 2/26 91	: : : : : : : : : : : : : : : : : : :
BY: Tour Manas	•



#### CHAVEZ—GRIEVES/CONSULTINGENGINEERS, INC.

4600 MONTGOMERY N.E., BUILDING C, #101 ALBUQUERQUE, NEW MEXICO 87109 (505) 881-7376

#### LETTER OF TRANSMITTAL

		JOB #	
		RE: MONE	Business For
We are sending you	ATTACHED	UNDER SEPARATE	COVER, the following
SHOP DRAWINGS	CHANGE ORDER	SPECIFICA	ATIONS
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PRINTS	SAMPLES		· •
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P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

December 17, 1990

Victor Chavez, P.E. Chavez-Grieves Consulting Engineers, Inc. 4600-C Montgomery Boulevard, NE #101 Albuquerque, New Mexico 87109

RE: DRAINAGE PLAN FOR MOORE PAPER, (M-15/D23C), ENGINEER'S STAMP DATED NOVEMBER 21, 1990

Dear Mr. Chavez:

Based on the information provided on your submittal received December 10, 1990, the referenced plan is approved for S.O. 19, in order to construct the sidewalk culverts and drain line within the City right-of-way.

This approval is based on the sidewalk culvert being constructed from the curb to the property line. Your plan is incorrect since it shows the sidewalk culvert between the curb and the beginning of the sidewalk.

Please be advised that a excavation permit is required for construction within City right-of-way. A copy of this approval letter must be on hand when applying for the excavation permit.

Please be advised that prior to Certificate of Occupancy release, an Engineer's Certification per the DPM Checklist will be required.

If you should have any questions, please do not hesitate to call me at 768-2650.

Cordially,

Gilbert Aldaz, P.E. & P.S.

Civil Engineer/Hydrology

xc: Darlene Saavedra

GA

wp + 2131

PUBLIC WORKS DEPARTMENT

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

**ENGINEERING GROUP** 

Telephone (505) 768-2500



### CHAVEZ-GRIEVES/CONSULTINGENGINEERS, INC.

4600 MONTGOMERY N.E., BUILDING C, #101 ALBUQUERQUE, NEW MEXICO 87109 (505) 881-7376

DEC | 0 1990

HYDROLOGY DIVISION

#### LETTER OF TRANSMIT

TO: C.O.A Hudrala	DATE: 12-6-90
ATTH: Gilbert Haldes	JOB #
TITIA- O TIMENT MINOR	
	RE: MORES BUSINESS PA
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	Jachne Flan (Blue Lines)
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	SUBMITCOPIES FOR DISTRIBUTION
FOR YOUR USE	RETURNCORRECTED PRINTS
AS REQUESTED	RETURNED AFTER LOAN TO US
FOR REVIEW AND COMMENT	FOR BIDS DUE 19
REVISE TO MATCH	
SHOP DRAWING STAMP REMARKS:	
KERAKKS.	
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COPY TO:	CTONED.
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If enclosures are not as noted, kindly notify us at once.

Rev. 2/89

	D23C
PROJECT TITLE: More Business Join	ZONE ATLAS/DRNG.FILE #: 11-15-7
LEGAL DESCRIPTION: Fortion of Bl	och Z. Sumport park (Paroposed
Lot 3-A) alboquerque, New	Mexico
CITY ADDRESS:	
ENGINEERING FIRM: Chanez - Win	evers contact: Kay Momes
	B/VD NE PHONE: 287-7376
OWNER:	CONTACT:
ADDRESS:	PHONE:
ARCHITECT: Fanning Band Consol	
ADDRESS: 4600 - A Montocarage	Blud. N.E. PHONE: 883-5200
SURVEYOR: ANDROWS ASBURY, & Rober	ts contact:
ADDRESS:	PHONE:
CONTRACTOR:	
ADDRESS:	CONTACT:
, ADDICESS:	PHONE:
PRE-DESIGN MEETING:	
YES	DRB NO.
NO	EPC NO.
COPY OF CONFERENCE RECAP SHEET PROVIDED	PROJ. NO.
TYPE OF SUBMITTAL:	CHECK TYPE OF APPROVAL SOUGHT:
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DRAINAGE PLAN  CONCEDIUM COMPINE - DOATMACE DUAN	PRELIMINARY PLAT APPROVAL
CONCEPTUAL GRADING & DRAINAGE PLAN GRADING PLAN	SITE DEVELOPMENT PLAN APPROVAL
EROSION CONTROL PLAN	FINAL PLAT APPROVAL  BUILDING PERMIT APPROVAL
ENGINEER'S CERTIFICATION	FOUNDATION PERMIT APPROVAL
· · · · · · · · · · · · · · · · · · ·	CERTIFICATE OF OCCUPANCY APPROVAL
	ROUGH GRADING PERMIT APPROVAL
DEGENE	GRADING/PAVING PERMIT APPROVAL
ATE SUBMITTED: DEC 10 1990	OTHER (SPECIFY)
BY: 2000 CON CONTRACTOR	

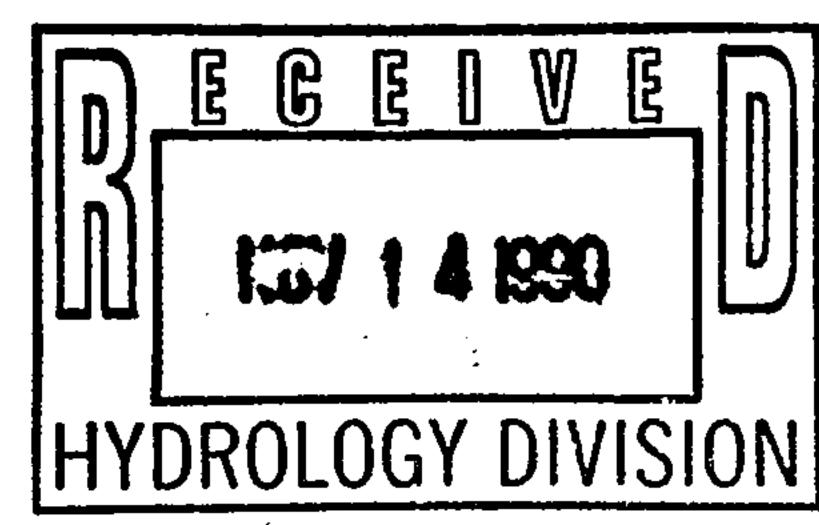
PROJECT TITLE: Moore Paper	ZONE ATLAS/DRNG.FILE #: M-15-Z
LEGAL DESCRIPTION: portion of b	lock 2, Surport Dark
(proposed lot 3-A) albug	
CITY ADDRESS:	)
ENGINEERING FIRM: Claves - Dries	contact: - Race Domes
ADDRESS: 4600-6 Montoon	end PHONE: 887-7376
OWNER: Moore Dapen	CONTACT:
ADDRESS:	PHONE:
ARCHITECT: Janine Book, Cons	contact: ART
ADDRESS: 4600-A Montro	
SURVEYOR: ANDROWS, Cobusu.	Robert CONTACT:
ADDRESS:	PHONE:
CONTRACTOR:	CONTACT:
ADDRESS:	PHONE:
PRE-DESIGN MEETING:	
YES	DRB NO
NOCOPY OF CONFERENCE RECAP SHEET PROVIDED	PROJ. NO
TYPE OF SUBMITTAL:	CHECK TYPE OF APPROVAL SOUGHT:
DRAINAGE REPORT	SKETCH PLAT APPROVAL
DRAINAGE PLAN	PRELIMINARY PLAT APPROVAL
CONCEPTUAL GRADING & DRAINAGE PLAN	SITE DEVELOPMENT PLAN APPROVAL
GRADING PLAN  EDOSTON CONTROL DIAM	FINAL PLAT APPROVAL
EROSION CONTROL PLAN ENGINEER'S CERTIFICATION	BUILDING PERMIT APPROVAL
ENGINEER 3 CERTIFICATION	FOUNDATION PERMIT APPROVAL  CERTIFICATE OF OCCUPANCY APPROVAL
	ROUGH GRADING PERMIT APPROVAL
n E G E I V E n	GRADING/PAVING PERMIT APPROVAL
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### CHAVEZ-GRIEVES/CONSULTING ENGINEERS, INC.

4600 MONTGOMERY N.E., BUILDING C, #101 ALBUQUERQUE, NEW MEXICO 87109 (505) 881-7376 FAX (505) 883-7119

November 12, 1990



Mr. Gilbert Aldaz HYUKULUUI City of Albuquerque - Hydrology P.O. Box 1293 Albuquerque, New Mexico 87103

RE: MOORE PAPER

Dear Gilbert:

I am sending you a revised grading and drainage plan to reflect a grouted riprap rundown channel. This will give added protection against vandalism and possible failure of the structure.

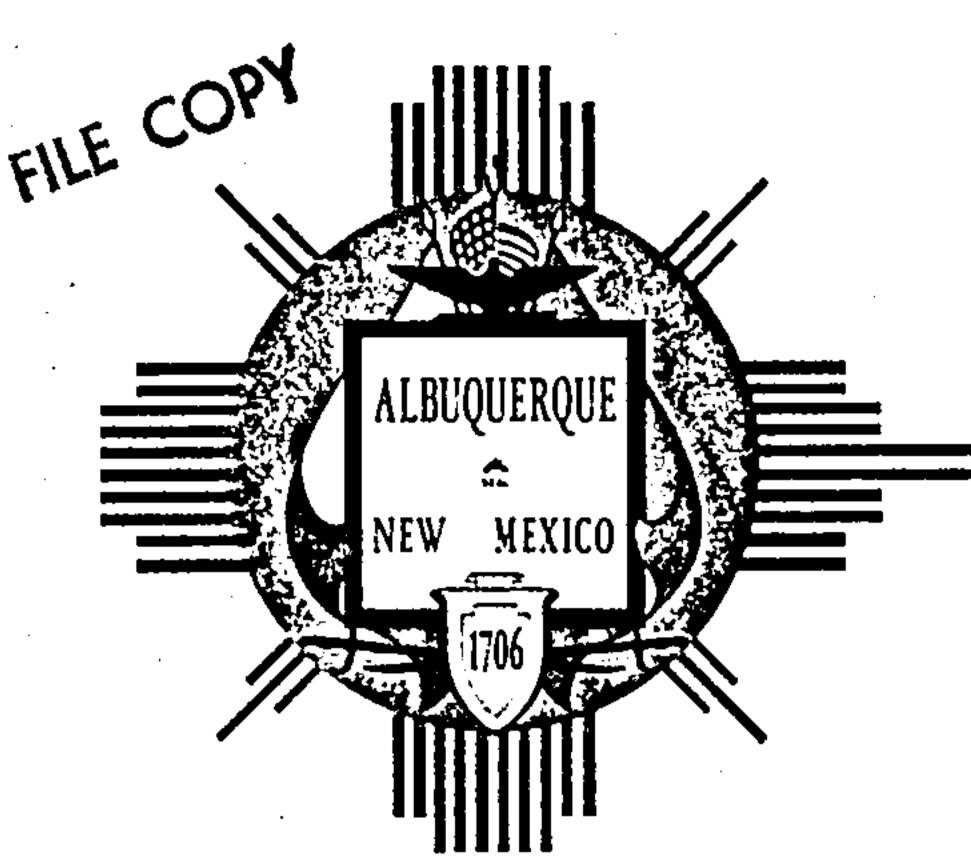
Very truly yours,

CHAVEZ-GRIEVES CONSULTING ENGINEERS, INC.

Ray A. Gomez

RAG/cjm

cc: Bill Fanning, Fanning, Bard, Larsen Architects



P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

October 25, 1990

Victor Chavez, P.E. Chavez-Grieves Consulting Engineers, Inc. 4600-C Montgomery Boulevard, NE #101 Albuquerque, New Mexico 87109

RE: DRAINAGE PLAN FOR MOORE PAPER, (M-15/D23C), ENGINEER'S STAMP DATED OCTOBER 2, 1990

Dear Mr. Chavez:

Based on the information provided on your submittal received October 9, 1990, the referenced plan is approved for Building Permit.

Please be advised that I still have reservations in regards to the use of a dumped riprap rundown being proposed at a slope of 10 %. I recognize your analysis demonstrating the stability, but past experience has demonstrated failures at slopes in excess of 5 percent. I still prefer to see a concrete section, or as a minimum having the riprap wire-enclosed or grouted. Since you feel comfortable with the dumped riprap, be advised that if it does fail and causes damage to public infrastructure, the property owner could be held accountable.

Hydrology does recognize that all sidewalk culverts on the plan will be a minimum of 4 foot wide, based on your calculations.

Please be advised that prior to Certificate of Occupancy release, an Engineer's Certification per the DPM Checklist will be required.

If you should have any questions, please do not hesitate to call me at 768-2650.

Cordia 11y

Gilbert Aldaz, P.E. & P.S.

Civil Engineer/Hydrology

GA wp+2131

PUBLIC WORKS DEPARTMENT

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

**ENGINEERING GROUP** 

Telephone (505) 768-2500

PROJECT TITLE: Moore Business Forms & Su	ys Diw ZONE ATLAS/DRNG.FILE #: M-15-7023
LEGAL DESCRIPTION: Portion of block Z.	
Albuguesque New Mexico	
CITY ADDRESS: Intersection at Ital	Study Aue = University Bluf N.E.
	sultent Eng. CONTACT: Ray Mornes.
	N.E 87/09 PHONE: 881-7376
OWNER: Moore Business Jams & System Divin	·
ADDRESS: 1205 N. Milwauker aue Glenn	
ARCHITECT: Hanning Bond Conson	CONTACT: Bill Fanning
ADDRESS: 4600-A Montgomery Blub N.E	$\boldsymbol{J}$
SURVEYOR: Andrews, Cobung, & Roberts In	
ADDRESS:	PHONE:
CONTRACTOR:	CONTACT:
ADDRESS:	PHONE:
PRE-DESIGN MEETING:  YES  NO COPY OF CONFERENCE RECAP	DRB NO EPC NO PROJ. NO.
SHEET PROVIDED	- 1100: 110:
TYPE OF SUBMITTAL:  DRAINAGE REPORT  DRAINAGE PLAN  CONCEPTUAL GRADING & DRAINAGE PLAN	CHECK TYPE OF APPROVAL SOUGHT: SKETCH PLAT APPROVAL PRELIMINARY PLAT APPROVAL SITE DEVELOPMENT PLAN APPROVAL
GRADING PLAN	FINAL PLAT APPROVAL
EROSION CONTROL PLAN ENGINEER'S CERTIFICATION	XBUILDING PERMIT APPROVAL  FOUNDATION PERMIT APPROVAL
DATE SUBMITTED:  DEGET VE  OCT 9 1990  BY:  HVDROLOGY DIVISION	CERTIFICATE OF OCCUPANCY APPROVAL ROUGH GRADING PERMIT APPROVAL GRADING/PAVING PERMIT APPROVAL OTHER (SPECIFY)



#### CHAVEZ—GRIEVES/CONSULTINGENGINEERS, INC.

4600 MONTGOMERY N.E., BUILDING C, #101 ALBUQUERQUE, NEW MEXICO 87109 (505) 881-7376

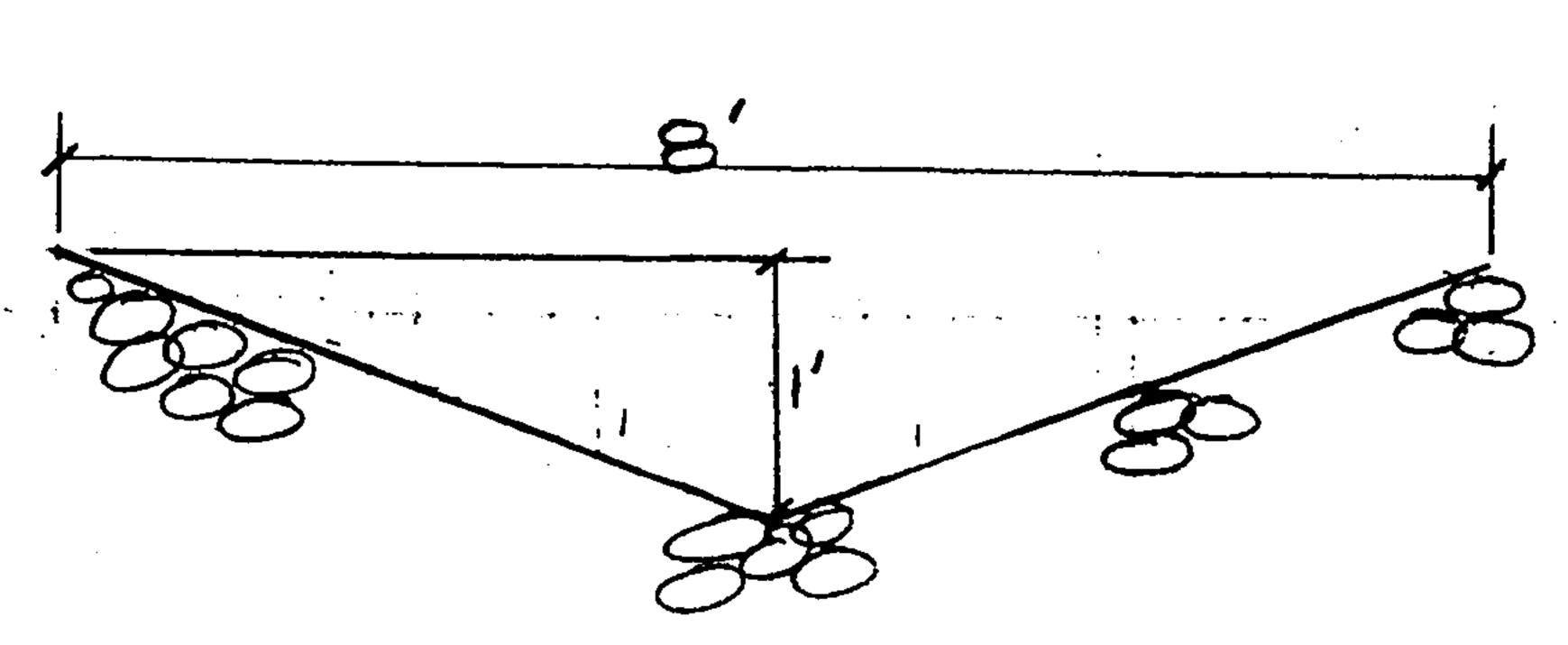
#### LETTER OF TRANSMITTAL

TO: 1740	Mari C.O.A DATE: 10/9/190
	JOB #
•	RE: Moore Business Jorns & Siesten
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We are ser	
SHOP I	AWINGSCHANGE ORDERSPECIFICATIONS
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·	OCT 9 1990
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	Job Land	BUSINESS FORMS & SY WHAGE PLAN HYDRAULI	STONS Due S	heet No of _2	•
OCT	Client Fine	FING - BARD- LARSEN	B	y Date	
HYDROL	ON SION	EZ - GRIEVES / CONSULTING	3 ENGINEERS, Inc.	. Albuquerque, N	IN

- 1. COMMONT ADDRESSED ON PLAN
- 2. COMMENT ADDRESSED ON PLAN
- 3. SIZE RIP-RAP TO PROVIDE A STABLE SECTION.

SLOPE = 10.16 70 FLOW ARBA = 45.f. W.P. = 8.25' R = 0.48' n = 0.045 $Q_p = 2.6 c.f.5$ 



CHANNEL VELOCITY = 1.49 x 0.48 x 0.1016 2 = 6.5 f.p. 5.

CHANNEL FLOW DEPTH = 0.48 A. (TRIAL É ERROR)

AR 3/3 = 00
5/2

 $(0.92)(0.23)^{3/5} = (0.045)(2.6)$ 

CHANNEL CAPACITY = 1.99 X4X 0.48 X 0.1016 = FLOWING FULL) = 5.89 X4X 0.48 X 0.1016 = = 26 C.F. 5,

HOW SIZE RIP-RAP SECTION - REF. DRAINAGE & FLOOD CONTROL BY SIMMONS, LI & ASSOCIATES (JUNE 1981)

FROM P. 89, RIP-RAP REQUIREMENTS FOR STABLE CHANNEL SIDE SCOPE LINNING.

VZ

P.53 = G.5Z

0.48.33 = 53.8 NSE "TYPE" VL"

(D50 = 9")

Job MOORE BUSINESS FORMS E SYSTEMS DIV Subject DRAINAGE PLAN HYDRAVLIC CALCS	Sheet No	of
Client FANHING - BARD - CAPSON	By	Date
CHAVEZ - GRIEVES / CONSULTING ENGINEERS.	Inc.	Albuquerque NM

CHECK ON RIP-RAP SIZE, "TYPE YL", USING TRACTIVE FORCE THEORY:

TJ=8d5 TJ=62.4 x 1 x 0.1016 =6.3 psi

TI = MAX. SHEAR STRESSS Y = UNIT WT. WATER S = AVG. SLOPE

7 = \[ \frac{1}{0.189 \times R/6} \]

77 = PORMISSIBLE SHEAR STRESS

7p = [0.945 x 6.5] = 3.1 ps; 0.189 x 0.48%

FROM TABLE 2, P. 36 OF DRAINAGE OF
ROADSIDE CHANNELS W/ FLEXIBLE LININGS
REPORT NO. FHWA-IP-87-7 (HEC-15).

A 9" DIA. ROCK APPEARS. TO BE ADEQUATE PROTECTION.

USE D50 = 9", D577H& 18"

4. SIZE SIDEWALK CULVERTS:

REF. BRATEIR É KING, "MANDBOOK OF HYDRAULICS.

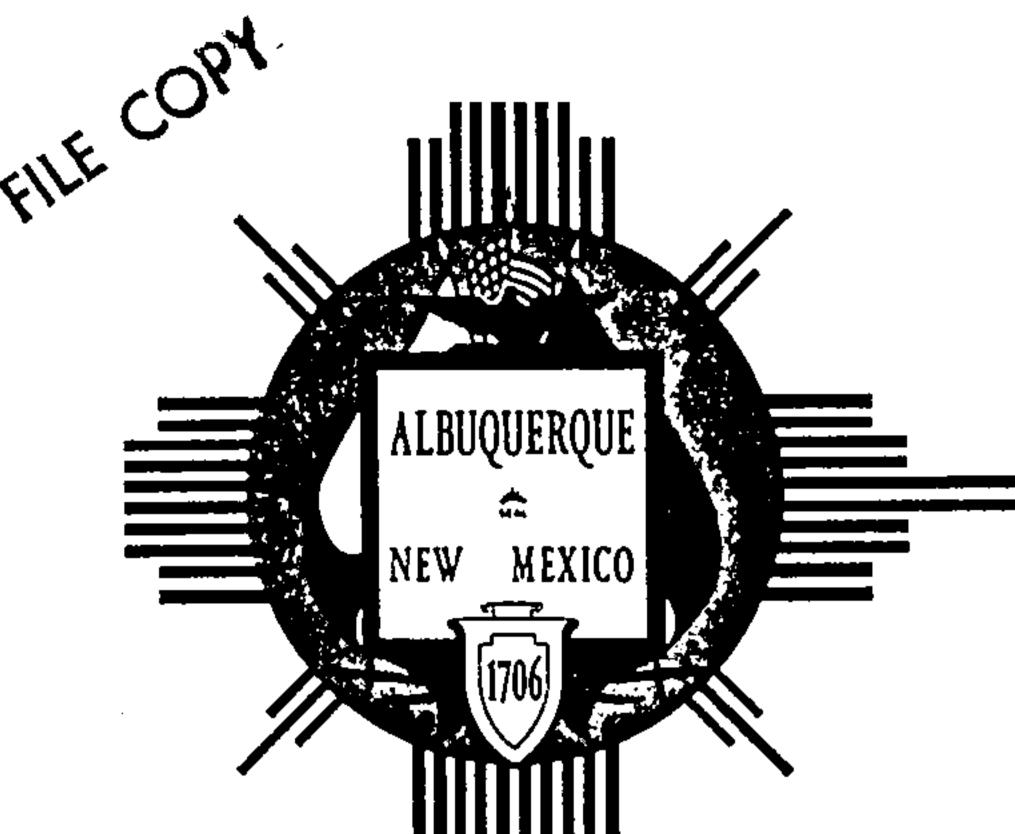
SIDEWALK CULVERTS WERE SIZED USING EQ. 4-17 OFF P. 4-5. Q= 3/3 L 129 h^{3/2}

Qp (BASIN "C") = 5.0 cfs

QCULVERT = 3/3 (4) \(\frac{32.2}{0.5}\)
= 7.6 c.f. S.

CULVERT CAPACITY = 7.6 C.F.S. (ADEQUATE AT ALL LOCATIONS)

5. NO CUZB CUTS ZEQUIRED



P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

September 6, 1990

Victor Chavez, P.E. Chavez-Grieves Consulting Engineers, Inc. 4600-C Montgomery Boulevard, NE #101 Albuquerque, New Mexico 87109

RE: DRAINAGE PLAN FOR MOORE PAPER, RECEIVED AUGUST 17, 1990 FOR BUILDING PERMIT, (M-15/D23C)

Dear Mr. Chavez:

Based on the information provided on the referenced submittal, the following comments must be addressed prior to Building Permit.

- 1. There are not enough grades at the north and southeast drivepad to demonstrate a water block is being proposed. The reason the waterblock is required is to prevent street flows from draining through private property, unless an easement is provided.
- 2. Spot elevations along the southeast parking lot do not correspond with the proposed contour grades.
- 3. The proposed riprap rundown is at a very steep slope which will result in highly erosive flow velocities. I am not convinced the riprap section will be stable for these velocities. I recommend that concrete should be substituted for the riprap, unless you can demonstrate hydraulically that the riprap section is stable.
- 4. How were the sidewalk culverts sized? We need flow rates and hydraulic calculations to demonstrate the required sidewalk culvert widths.
- 5. Please check your plan for required curb cuts. There appears to be some missing or that were not labeled.

If you should have any questions concerning these comments, please do not hesitate to call me at 768-2650.

Cordially,

Civil Engineer/Hydrology

PUBLIC WORKS DEPARTMENT

GA

Wp+2131
Walter H. Nickerson, Jr., P.E.
Assistant Director Public Works

**ENGINEERING GROUP** 

Telephone (505) 768-2500

PROJECT TITLE: MODRE BUSINESS FORMS	& Customs Divzo	NE ATLAS/DRNG.FILE #: M-	15-Z
LEGAL DESCRIPTION: PORTION OF Block	<b>.</b>		•
Albuqueaque, New Mexico			
CITY ADDRESS: 1205 N. M: /WAUKE			•
ENGINEERING FIRM: Chavez - GRIEVES	,	CONTACT: RAY GOME	<u> </u>
ADDRESS: 4600 - C MONT GOMERLY N.E		PHONE: 881-7376	· · · · · · · · · · · · · · · · · · ·
OWNER:			
•	CONTACT:	· .	
ADDRESS:		PHONE:	
ARCHITECT: FANNING . BARD . LARSEN		CONTACT:	
ADDRESS: 4600-A MONTGOMERY BIVD N.E		PHONE: 883-5200	ł .
SURVEYOR: ANDREWS - Astury - Roberts		CONTACT:	
ADDRESS: AIBUQUERQUE N.Mex		PHONE:	
CONTRACTOR:ADDRESS:		CONTACT:  PHONE:	
PRE-DESIGN MEETING:			•
YES /	DRB NO.		
NO	EPC NO.		
COPY OF CONFERENCE RECAP SHEET PROVIDED	PROJ. NO.	· · · · · · · · · · · · · · · · · · ·	•
TYPE OF SUBMITTAL:	·	OF APPROVAL SOUGHT:	
DRAINAGE REPORT	SKETCH PLAT APPROVAL		
DRAINAGE PLAN	PRELIMINARY PLAT APPROVAL		
CONCEPTUAL GRADING & DRAINAGE PLAN	SITE DEVELOPMENT PLAN APPROVAL		
X GRADING PLAN	FINAL PLAT APPROVAL		
EROSION CONTROL PLAN	BUILDING PERMIT APPROVAL		
ENGINEER'S CERTIFICATION	GINEER'S CERTIFICATIONFOUNDATION PERMIT APPROVAL		•
	CERTIFICATE OF OCCUPANCY APPROVAL		
•	ROUGH	GRADING PERMIT APPROVAL	
	GRADIN	G/PAVING PERMIT APPROVAL	· · ·
a//_	OTHER_	· · · · · · · · · · · · · · · · · · ·	_(SPECIFY)
DATE SUBMITTED: 0/3//90	- -		

PROJECT TITLE: MOORE PAPER	ZONE ATLAS/DRNG.FILE #: M-15/DZ3C
LEGAL DESCRIPTION:	
CITY ADDRESS:	
ENGINEERING FIRM:	CONTACT: Pay Comes
	Y BUD HE PHONE: 881-7376
OWNER:	CONTACT:
ADDRESS:	PHONE:
ARCHITECT: FANHING -BARD. CARS	CONTACT: BILL FAMILIE
ADDRESS: 4600-4 Monteamore	
SURVEYOR:	CONTACT:
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CHAVEZ_G	RIEVES / CONSULTING ENGINEERS, INC.
	1600 MONTGOMERY N.E., BUILDING C, #101 ALBUQUERQUE, NEW MEXICO 87109
	505) 881-7376
ROBINE D	
AUG 1 7 1990 ILE T E	R OF TRANSMITTAL
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