HYDROLOGY F21/D47b ONE PLAN

F21/D47b

1 Plan

BOHANNAN-HUSTON INC.
ENGINEERS ARCHITECTS PHOTOGRAMMETRISTS
COURTYARD I, 7500 JEFFERSON STREET, N.E. ALBUQUERQUE, NEW MEXICO 87109 (505) 823-1000
UNIVERSITY PLAZA, SUITE 104, 330 CAMFIELD SANTA FE, NEW MEXICO 87501 (505) 988-7871
6713 VISCOUNT BLVD. EL PASO, TEXAS 79925 (915) 778-4491

RECEIVED
SEP 23 1987
JAYNES CORP.

September 21, 1987

Mr. Bernie Montoya
City Hydrology
City of Albuquerque
P.O. Box 1293
Albuquerque, NM 87103

Re: Marie Callender's Restaurant Roof Drainage (F21/D47B)

Dear Bernie,

As a follow-up to our conversation on September 15, 1987, I am writing to confirm that only a small portion of the roof drains to the northwest corner gutter (there are gutters on other sides of the building which direct runoff to paved surfaces). In my opinion, this discharge will not cause a significant problem on the adjacent sidewalk because of the small volume and the fact that any water is first directed to a heavily landscaped area next to the building.

It is my understanding that this letter will allow you to release the Permanent C.O. for the building.

Please contact me if you have any questions.

Truly yours,

Brian G. Burnett, P.E.
Vice-President

BGB/da
Job No. 63972
cc: Tom Kreger

RECEIVED
SEP 21 1987
HYDROLOGY SECTION

PRINCIPALS
LARRY W. HUSTON
MICHIAL M. EMERY P.E.
DANA C. WOOD, P.E.
ANDRES ARAGON-VIAMONTE
DARRELL L. WADE, P.E.
JAMES V. DOMENICK, P.E.
BRIAN G. BURNETT, P.E.

ENGINEERS ARCHITECTS PHOTOGRAMMETRISTS

BOHANNAN-HUSTON INC.

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UNIVERSITY PLAZA, SUITE 104, 330 GARFIELD SANTA FE, NEW MEXICO 87501 (505) 988-7671
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BOHANNAN-HUSTON INC.

Courtyard I 7500 Jefferson Street, N.E. Albuquerque, NM 87109
(505) 823-1000

RECEIVED
SEP 21 1987
HYDROLOGY SECTION

Transmittal

To: Bernie Montoya
City Hydrology
City of Albuquerque

☐ Parcel post ☒ Messenger
☐ First Class ☐ UPS
☐ Express Mail ☐ Air Freight
☐ Bus ☐ _____

Attention: Bernie Montoya

Date: 09/21/87

Our job number: 86397.02

Your job number: _____

Job: Marie Callender's Restaurant

We are enclosing:		For:
1	letter	

Comments: _____

By: Brian Burnett thank you

Rec'd by: Fred Sturgeon Date: 9/21/87

☐ Please Return Signed Yellow Copy

3/86

FILE COPY

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

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

December 24, 1986

Dave Thompson
Bohannan-Huston, Inc.
7500 Jefferson, NE
Albuquerque, New Mexico 87109

RE: DRAINAGE PLAN FOR MARIE CALLENDER'S RESTAURANT
(F-21/D47B) ENGINEER'S STAMP DATED DECEMBER 19, 1986

Dear Dave:

Based on the information provided on your submittal of December 11, 1986, the above referenced plan is approved for Building Permit.

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

Please be advised that no roof runoff will be allowed to go across any public sidewalk.

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

Cordially,

Roger A Green
For Bernie J. Montoya, C.E.
Engineering Assistant

cc: Kathy Morrow

BJM/bsj

BOHANNAN-HUSTON INC.

Courtyard I 7500 Jefferson Street, N.E. Albuquerque, NM 87109
(505) 823-1000

Transmittal

To: CITY HYDROLOGY DEPT

- ☐ Parcel post
- ☒ Messenger
- ☐ First Class
- ☐ UPS
- ☐ Express Mail
- ☐ Air Freight
- ☐ Bus
- ☐ _____

Attention: MR. BERNIE MONTOYA

Date: 12-22-86

Our job number: 63972

Your job number:

Job: MARIE CALLENDER'S RESTAURANT

We are enclosing:	For:
1 FINAL GRADING PLAN	

RECEIVED
DEC 11 1986
HYDROLOGY SECTION

Comments:

By: DAVE THOMPSON

thank you

Rec'd by: Bernie Montoya

Date: 12/22/86

☒ Please Return Signed Yellow Copy

3/86

BOHANNAN-HUSTON INC.

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ENGINEERS ARCHITECTS PHOTOGRAMMETRISTS

December 11, 1986

Mr. Roger Green
Hydrology Section
City of Albuquerque
P.O. Box 1293
Albuquerque, NM 87103

RECEIVED
DEC 11 1986
HYDROLOGY SECTION

Re: Addendum to The Promenade Shopping Center Drainage Report (F21-D47) to Include a Restaurant Located at the Northwest Corner of the Site

Dear Fred:

Enclosed is a copy of the final grading plan for the Marie Callender's building for your review and approval. This area was originally addressed as a Future Building Site in the Master Drainage Plan for The Promenade Shopping Center (F21-D47) dated January 23, 1986. This grading plan follows the concepts in the original master drainage plan.

Please review and comment on this plan. If you have any questions, please call me.

Sincerely,

David B. Thompson, P.E.
Project Manager

Enclosure

cc: Ms. Cathy Morrow
Mr. Phil Estrada
Mr. Don Powers

DBT/da

Job No. 63972

PRINCIPALS
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BRIAN G. BURNETT, P.E.

GRADING/DRAINAGE PLAN FOR
MARIE CALLENDER'S RESTAURANT

RECEIVED
DEC 1 1 1986
HYDROLOGY SECTION

INTRODUCTION/SITE DESCRIPTION

This is an addendum to the master drainage plan for the Promenade Shopping Center (F21-D47) to include a restaurant. The Promenade Shopping Center is located at the southeast corner of Spain Road and Eubank Boulevard. The proposed restaurant is located on the northwest corner of the shopping center.

EXISTING CONDITIONS

The site has been rough graded as per the approved grading plan (F21-D47) dated January 23, 1986. Reference to that report shows that runoff from the entire shopping center is allowed free discharge to Eubank Boulevard and Van Christopher Drive. Runoff is then collected by six type "C" inlets in Eubank Boulevard at the Bear Canyon Arroyo crossing structure.

PROPOSED CONDITIONS

The area is divided into two drainage basins, Basin A and Basin B. Runoff from Basin A collects in an inlet and is discharged into the main entrance through 3-5" pipes and eventually into Eubank Boulevard. Whereas, Basin B free discharges to both Spain Road and Eubank Boulevard. Since all of Basin B is landscaped, the developed 100-year flows are less than the undeveloped flows.

The following table summarizes the flow rate calculations for each basin:

BASIN	AREA (ACRES)	% IMPERVIOUS EXIST	% IMPERVIOUS DEV	"C" FACTOR EXIST	"C" FACTOR DEV	INTENSITY 10 YR	INTENSITY 100 YR
A	.58	56	6	.64	.89	3.47	5.28
B	.17	86	100	.48	.25	3.47	5.28

BASIN	EXISTING Q(CFS) 10 YR	EXISTING Q(CFS) 100 YR	DEVELOPED Q(CFS) 10 YR	DEVELOPED Q(CFS) 100 YR
A	1.29	1.96	1.79	2.73
B	.28	.43	.15	.22

DRAINAGE INFORMATION SHEET

PROJECT TITLE: MARIE CALLENDER'S ZONE ATLAS/DRNG. FILE #: F-21/D-47

LEGAL DESCRIPTION: TRACT 3, THE PROMENADE SUBDIVISION

CITY ADDRESS: 5200 EUBANK

ENGINEERING FIRM: BOHANNAN-HUSTON CONTACT: DAVE THOMPSON

ADDRESS: 7500 JEFFERSON NE PHONE: 823-1000

Send C.C. to owner

OWNER: SPAIN LTD CONTACT: CATHY MORROW

ADDRESS: 7509 INDIAN SCHOOL NE PHONE: 883-6166

ARCHITECT: NUTTALL-UCHIZONO ASSOC CONTACT: PHIL ESTRADA

ADDRESS: 2925 COLLEGE AVE A5 COSTA MESA, CA 92626 PHONE: (714) 545-3760

SURVEYOR: CONTACT:

ADDRESS: PHONE:

CONTRACTOR: CONTACT:

ADDRESS: PHONE:

RECEIVED DEC 11 1986 HYDROLOGY SECTION

PRE-DESIGN MEETING:

___ YES

X NO

___ COPY OF CONFERENCE RECAP SHEET PROVIDED

DRB NO. ___

EPC NO. ___

PROJ. NO. ___

TYPE OF SUBMITTAL:

___ DRAINAGE REPORT

___ DRAINAGE PLAN

___ CONCEPTUAL GRADING & DRAINAGE PLAN

X 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: 12-22-86

BY: David B Thompson

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