HYDROLOGY

F17/D34

RAX ROAST BEEF

F17-D34

1 PLAN

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

HYDROLOGY SECTION PROJ. NO. _____ DATE: 11/17/83

PLANNING DIVISION NO. _____

CONFERENCE RECAP

SUBJECT: Rax Roast Beef (F-17)
Montgomery Plaza

ATTENDANCE: WHO	REPRESENTING
Rick Squires	
Bo Johnson	
Billy Goolsby	

FINDINGS: ① Drainage Plan as per DPM

② Free discharge since site is already developed.

③ Overflow discharge from landscaping to be directed to existing drive pad on Montgomery.

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: [illegible] SIGNED: Billy Goolsby

TITLE: Pres. TITLE: CE/Hydrology

DATE: _____ DATE: 11/17/83

TRINITY ENTERPRISES, INC.
TRINITY HOMES

Civil Engineers
Land Planners
Developers
Home Builders

9800 Lagrima de Oro Road N.E.
Albuquerque, New Mexico 87111
(505) 293-6904

November 28, 1983

F17-D34

Mr. Billy Goolsby P.E.
City of Albuquerque
Hydrology & Survey
P.O. Box 1293
Albuquerque, New Mexico 87103

Re: Rax Roast Beef

Dear Billy:

Attached please find the drainage report for the Rax Roast Beef #2 at Montgomery Plaza as per our discussion of November 17, 1983. We have incorporated your recommendations.

Your earliest attention to this matter will be greatly appreciated.

Sincerely,

TRINITY ENTERPRISES, INC.

Rick

Rick Squires
Vice President
RS:ksr
Enclosure

RECEIVED
NOV 28 1983
ENGINEERING

FILE COPY

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

December 13, 1983

Mr. Bo Johnson
Trinity Enterprises Inc.
2104 San Mateo NE
Albuquerque, New Mexico 87111

RE: GRADING & DRAINAGE PLAN FOR RAX ROAST BEEF AT MONTGOMERY PLAZA
(F17-D34) RECEIVED NOVEMBER 28, 1983

Dear Bo:

I have reviewed the above referenced plan and forward the following comments associated with the DPM checklist:

1. Completed information sheet has not been supplied.

2. Professionals stamp, signature and date not provided.

3. Flood hazard discussion not addressed.

4. Off-site flows have not been addressed or quantified. They must be accepted and not diverted if there are any.

5. Details, location and hydraulic need to be supplied for the 4" PVC as noted on the plan. Approved "Construction Within Public R/W" document required if through sidewalk to street. Also, show details of "french drain" shown on plan.

6. Discussion and verification of how discharge is proposed. Will runoff be directed through landscaping? If so, how does it get in and then out again? Landscaping should be lower than surrounding ground to contain nuisance flows. Show typical sections and additional spot elevations.

7. The plan does not have a legend as per DPM.

8. Bench mark with MSL designation is not identified.

9. Flowlines should be provided to indicate drainage pattern or additional spot elevations shown.

10. Water surface elevations for ponding required.

11. Property line elevations need to be shown at 0.33 feet above City top of curb elevations.

12. An erosion control plan for the period of construction will need to be provided.

Should you have any questions or comments, please contact me at 766-7644 or make an appointment if they cannot be resolved on the phone.

Yours truly,

Billy J. Goolsby, P.E.

Billy Goolsby
Civil Engineer-Hydrology

BG/ca

INFORMATION SHEET

PROJECT TITLE ~~Lagrima de Oro, Unit 1~~ Rax Roast Beef TYPE OF SUBMITTAL Drainage Report

ZONE ATLAS PAGE NO. F-17 CITY ADDRESS 5001 Montgomery Blvd., N.E.

LEGAL DESCRIPTION Portion of Tract 100A-Montgomery Heights Addition

ENGINEERING FIRM Trinity Enterprises, Inc. CONTACT Rick Squires

ADDRESS 9800 Lagrima de Oro Rd., N.E. PHONE 293-6904

OWNER Bogey, Inc. CONTACT Same

ADDRESS Same PHONE

ARCHITECT Hamil & McKinney CONTACT Jim Soliven

ADDRESS San Francisco, CA PHONE (415) 932-4713

SURVEYOR Trinity Enterprises, Inc. CONTACT Rick Squires

ADDRESS 9800 Lagrima de Oro Rd., N.E. PHONE 293-6904

CONTRACTOR Americon Contracting, Inc. CONTACT Dave Walker

ADDRESS 5001 Montgomery N.E. PHONE 881-8813
881-7957

DATE SUBMITTED December 20, 1983

BY Trinity Enterprises, Inc.

RECEIVED
DEC 30 1983
RECEIVED

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

December 30, 1983

Mr. Bo Johnson
Trinity Enterprises Inc.
2104 San Mateo NE
Albuquerque, NM 87111

REF: DRAINAGE PLAN FOR RAX ROAST BEEF AT MONTGOMERY PLAZA (F17-D34)

Dear Mr. Johnson:

The information received 12/30/83 is in compliance with my request; therefore, the plan dated 12/20/83 is approved.

Please attach a copy of this plan along with the "Approved construction Within Public Right-of-Way" document to your construction plans prior to sign-off.

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

Sincerely,

Billy J. Goolsby

Billy J. Goolsby, PE
City/County Flood Plain Administrator

BJG:mrk

INFORMATION SHEET

PROJECT TITLE Rax Roast Beef TYPE OF SUBMITTAL Revised Approved Drainage Plan

ZONE ATLAS PAGE NO. F17 CITY ADDRESS 5031 San Mateo Rd NE.

LEGAL DESCRIPTION N.W. Corner San Mateo & Mont. - Portion of Tract 100A - Mont. Hts. Addn.

ENGINEERING FIRM Trinity Enterprises CONTACT Rick Squires

ADDRESS 9802 Lagrima de Oro NE. PHONE 2936704

OWNER Boget, Inc. CONTACT Same

ADDRESS Same PHONE "

ARCHITECT Hamil & McKinney CONTACT Jun Soliven

ADDRESS San Fran, Calif. PHONE 415-732-4713

SURVEYOR Trinity Ent. CONTACT Same

ADDRESS Same PHONE "

CONTRACTOR American Contracting Inc. CONTACT Dave Walker

ADDRESS 5001 Montgomery NE. PHONE 881-3813

PRE-DESIGN MEETING:

___ YES
___ NO
___ COPY OF CONFERENCE RECAP SHEET PROVIDED

PLEASE CHECK TYPE OF APPROVAL EXPECTED WITH THIS SUBMITTAL:

___ SKETCH PLAT APPROVAL
___ PRELIMINARY PLAT APPROVAL
___ SITE DEVELOPMENT PLAN APPROVAL
___ FINAL PLAT APPROVAL
X BUILDING PERMIT APPROVAL → PLAN HAS BEEN APPROVED - MINOR REVISION
___ CERTIFICATE OF OCCUPANCY APPROVAL
___ ROUGH GRADING PERMIT APPROVAL
___ GRADING/PAVING PERMIT APPROVAL
___ OTHER _____ (SPECIFY)

DATE SUBMITTED: 1/17/83

BY: Rick Squires

RECEIVED
JAN 17 1984
TECHNOLOGY SECTION

FILE COPY

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

January 20, 1984

Mr. Rick Squires
Trinity Enterprises
9800 Lagrima de Oro NE
Albuquerque, NM 87111

REF: REVISED GRADING AND DRAINAGE PLAN FOR RAX ROAST BEEF AT MONTGOMERY PLAZA (F17-D34) RECEIVED JANUARY 17, 1984

Dear Mr. Squires:

The above referenced plan is approved. However, the plan does not have a revision date on it; consequently, the plan attached to the building set will have to be checked to see that it matches exactly the one referenced above prior to sign-off. The attached plan should have a revision date of January 17, 1984.

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

Yours truly,

Billy J. Goolsby

Billy J. Goolsby, PE
City/County Flood Plain Administrator

BJG:mrk

A

DRAINAGE REPORT

FOR

RAX RESTAURANT

AT

MONTGOMERY SHOPPING

CENTER

SAN MATEO BLVD. MONTGOMERY BLVD.

IN

ALBUQUERQUE

NEW MEXICO

PREPARED BY
TRINITY ENTERPRISES, INC.
9800 LAGRIMA DE ORO N.E.
ALBUQUERQUE
NEW MEXICO

PREPARED FOR
RAX RESTAURANT
5001 MONTGOMERY BLVD. N.E.
ALBUQUERQUE
NEW MEXICO

Resubmitted per letter of December 13, 1983

Bo K. Johnson, President
Trinity Enterprises, Inc.

12/29/83

December 28, 1983
GRADING AND DRAINAGE PLAN FOR RAX ROAST BEEF
MONTGOMERY PLAZA
CITY OF ALBUQUERQUE REQUESTED REVISIONS

FLOOD HAZARD DISCUSSION:

The flood hazard map for this site shows an arroyo on the north side of Montgomery Plaza and does not interfere with or in no way poses a threat to life, limb or property for this project.

Due to the paving of the existing Montgomery Plaza parking lot, a ridge line exists 55' north of the subject site. The waters north of the site flow westwardly towards the existing structure in the Montgomery Plaza shopping center then turns substantially in a driveway swale leading to Montgomery Blvd.

To the south of this ridge line the flows tend to drain toward Montgomery Blvd. in a sheet flow fashion. In essence, only those flows south of the ridge line and due north of the project site flows through the porject. These small areas are shown on the off-site drainage area. The majority of the off-site water labeled as Area B flows through the parking lot of the project site into the landscape area, overflows and discharges into Montgomery Blvd. There is in essence, no real diversions of off-site drainage flows since the waters continue around the proposed structure.

The existing project provides the landscape buffers as required by the City of Albuquerque Planning Department.

Wherever possible these landscaped areas are lowered in elevation and designed to intercept sheet flows to reduce the flows into Montgomery Blvd.

In an overflow situation, there will be no chances of flooding since all drainage is positive and away from structures and in essentially the same direction as before construction.

Rax Roast Beef
Montgomery Plaza

Since the landscaped area is minor but does allow a method of providing an area for infiltration of run-off where there exists no mechanism for this infiltration prior to development. Pond elevations are shown for grading purposes only.

AREA "A"

Q = CIA

Q = (0.95) (5.8) (0.08)

Q = 0.45 CFS

AREA "B"

Q = CIA

Q = (0.95) (5.8) (0.09)

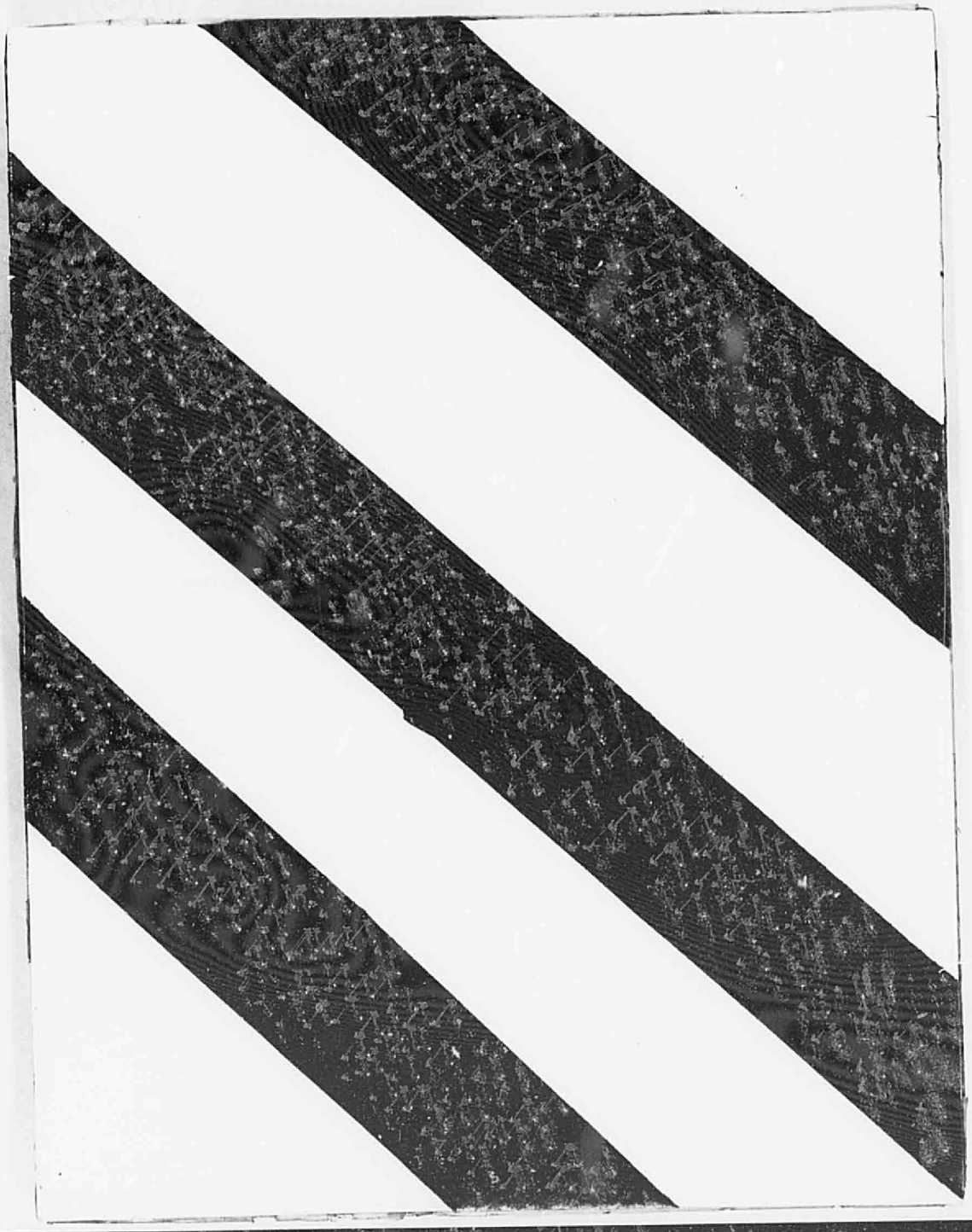
Q = 0.52 CFS

December 29, 1983

ADDENDUM TO DRAINAGE REPORT FOR RAX ROAST BEEF

After review of the current flood hazard boundary map it is understood that a flooding condition exists in Montgomery Blvd. adjacent to the site. The proposed development is on an existing imprevious surface with small areas of landscaping which will provide some infiltration of surface flows. Consequently, the proposed development does not adversely affect the existing flooding condition in Montgomery Blvd.

Q total = CIA

= (.95) (5.8) (1.14)

$Q_t = 6.3$