H14/D50

1 Plan

FILE COPY

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

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

October 29, 1986

Frank Lovelady
Lovelady & Associates
7408 Morrow Road, NE
Albuquerque, New Mexico 87110

RE: DRAINAGE PLAN FOR WAREHOUSE BUILDING FOR MEL MONTOYA
(H-14/D50) ENGINEER'S STAMP DATED OCTOBER 21, 1986

Dear Frank:

Based on the information provided on your October 28, 1986 submittal, the above referenced drainage plan is approved for Building Permit.

Please be advised that the Certificate of Occupancy will not be issued until the approved, filed copy of the encroachment agreement is received, and that a separate permit will be required for the construction within City Right-of-Way.

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

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

Cordially,

for Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsj

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

Ken Schultz
Mayor

UTILITY DEVELOPMENT DIVISION
HYDROLOGY SECTION
(505) 768-2650

April 27, 1987

Mel Montoya
2819 Second Street, NW
Albuquerque, New Mexico 87107

RE: CERTIFICATE OF OCCUPANCY FOR 2819 SECOND STREET, NW
(H-14/D50)

Dear Mr. Montoya:

This letter is a follow-up to our 18 March, 1987 inspection. We still do not have compliance with the approved drainage plan. The following items need to be completed prior to release of the Certificate of Occupancy:

1. The asphalt parking lot has not been constructed.
2. The sidewalk culvert was not installed.
3. Swale along west property line was not constructed.
4. The riprap was not installed downstream of the 8" PVC pipe. The riprap was designed to prevent erosion in the pond.

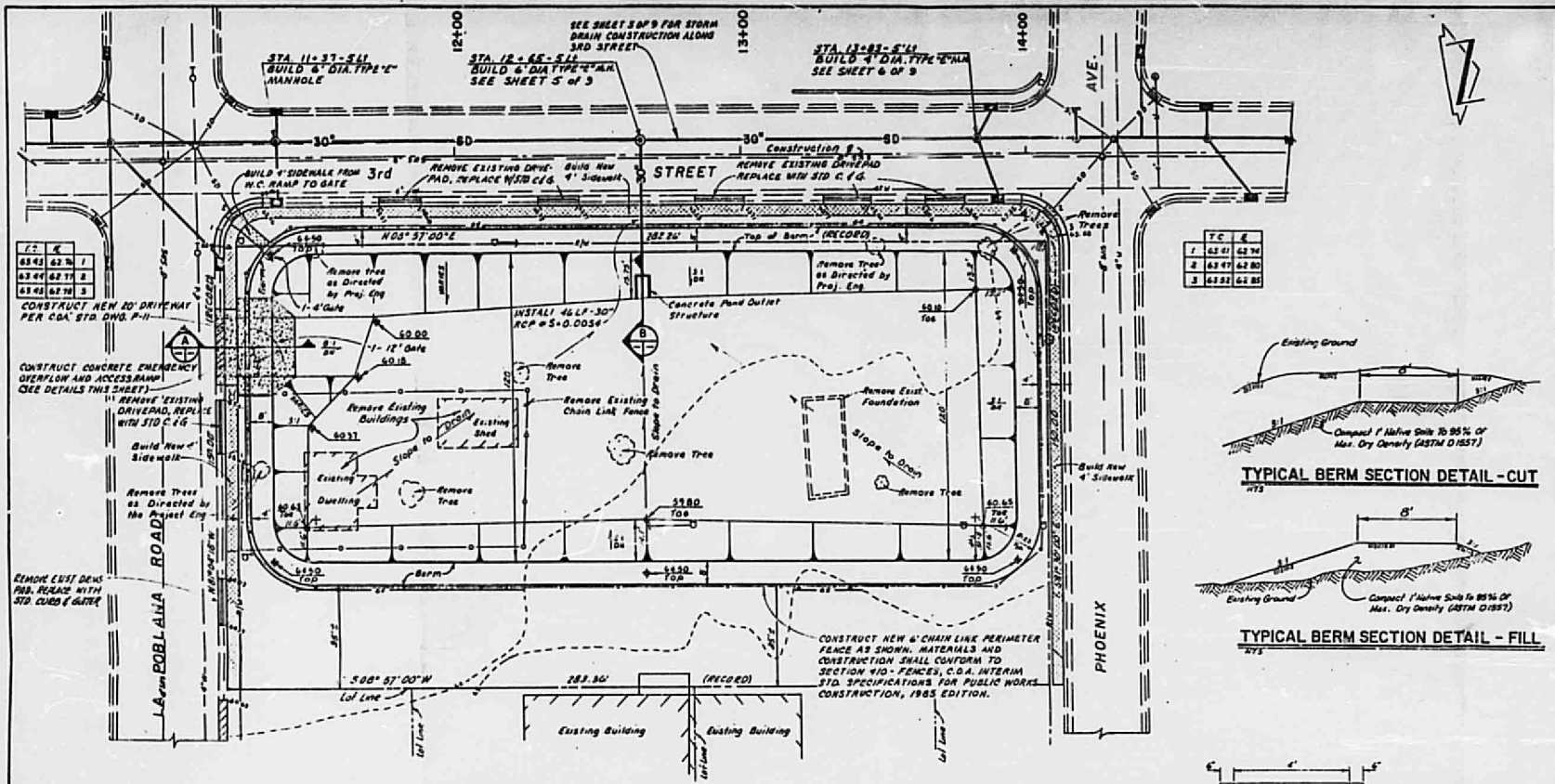
Your immediate attention to the mentioned requirements will be appreciated. If you should have any questions, please call me at 768-2650.

Cordially,

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

cc: Bob Born

CAM/ds)



P.I.	E
63+43	62.76
63+49	62.77
63+45	62.78

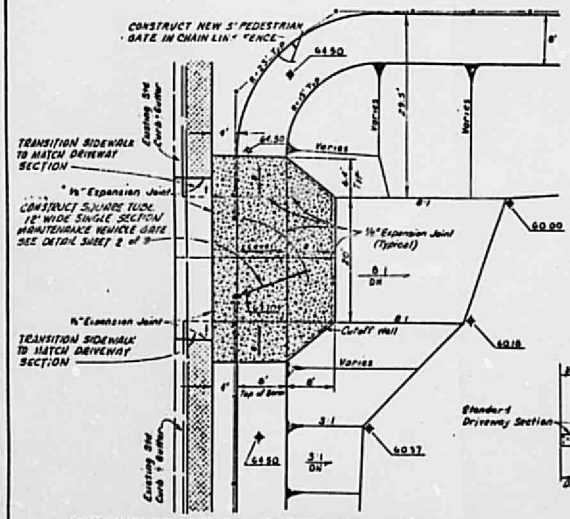
P.I.	E
1	63+01	62.74
2	63+47	62.80
3	63+32	62.85

DETENTION PONDING AREA PLAN

SCALE: 1" = 20'
MAX WATER SURFACE ELEVATION = 4963.70
MAX POND VOLUME = 2.037 Acre Feet
100 YEAR-6 HR WATER SURFACE ELEV = 62.79
100 YEAR-6 HR POND VOLUME = 1.533 Acre Feet

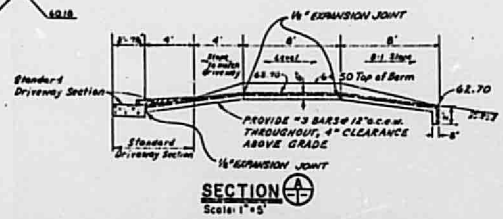
ESTIMATED EARTHWORK QUANTITIES
CUT = 3180 CU. YDS.
FILL = 160 CU. YDS.

NOTE: ESTIMATED EARTHWORK QUANTITIES ARE FOR CONTRACTOR INFORMATION ONLY. CONTRACTOR IS ADVISED TO PERFORM HIS OWN QUANTITY CALCULATIONS TO VERIFY EARTHWORK REQUIRED.



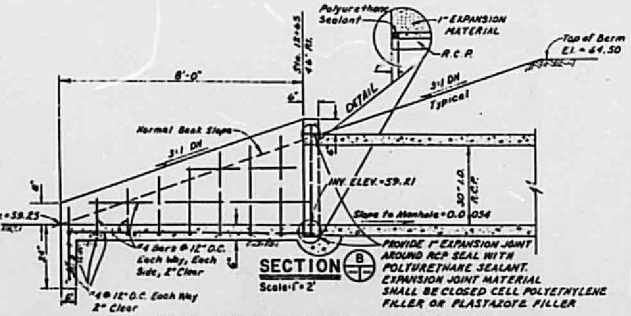
DETENTION POND ACCESS RAMP AND EMERGENCY OVERFLOW DETAIL

Scale: 1" = 10'



SECTION A

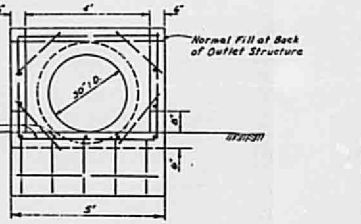
Scale: 1" = 5'



SECTION B

Scale: 1" = 2'

POND OUTLET STRUCTURE DETAILS



TYPICAL BERM SECTION DETAIL - CUT

NTS

TYPICAL BERM SECTION DETAIL - FILL

NTS

NOTES:

1. All RCP shall be ASTM C-76, Class IV.
2. It will be the responsibility of the Contractor to support all gas mains and service lines where they are within the area of excavation.
3. Limits of Right-of-way shown are approximate only.
4. Existing utility poles and utilities to be removed from within the bounds of the retention pond by the utility owners.
5. All cut surfaces and embankments for berm construction shall be compacted to a minimum of 95% of maximum density as determined by ASTM D-1557 unless otherwise directed by Project Engineer.
6. Upon Completion of construction of the detention pond the Contractor shall seed the ponding site (app. 1.10 acres) with a seed mix as specified in the Contract Documents. Refer to Supplemental Technical Specification Section 913-seeding for details.

BENCH MARKS
① NMSHC Brass Tablet NAVD-88 = 1152
North of Intersection of 3rd Street and Phoenix Ave. Elev. 4967.889

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

AS BUILT INFORMATION
CONTRACTOR
BEGUN BY | DATE
COMPLETED BY | DATE
FIELD SURVEYED BY | DATE
FIELD CHECKED BY | DATE
USER AGENCY BY | DATE
CONNECTED BY | DATE
MICRO-FILM INFORMATION
RECORDED BY | DATE
NO

ENGINEER'S SEAL
SCOTT A. VERHINES
NEW MEXICO
8705
PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
	DATE 3-10-86	DESIGNED BY S.A.V.	
	DATE 3-11-86	DRAWN BY F.L.H.	
	DATE 3-12-86	CHECKED BY J.D.R.	

RECEIVED
OCT 23 1986
HYDROLOGY SECTION

SCALES:
HORIZONTAL 1" = 20'
VERTICAL 1" = 5'
OCT 6 1986

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: NORTH VALLEY DRAINAGE SYSTEM IMPROVEMENTS
3RD STREET SYSTEM
PONDING AREA PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		9/23/86	Liquid Waste	N/A	
A.C.E. Design		9-26-86	Traffic	N/A	9/23/86
A.C. E-Hydrology		9/23/86	Water	N/A	9/23/86

DRAWING NO. 2461 | MAP NO. H-14 | SHEET 8 OF 9

Job No 85113.01

GRADING AND DRAINAGE PLAN

AND

SUPPLEMENTAL INFORMATION

FOR

WAREHOUSE BUILDING FOR MR. MEL MONTOYA

2819 SECOND STREET, NW

ZONE ATLAS NO. H-14

PREPARED BY:

LOVELADY & ASSOCIATES

OCTOBER 22, 1986

FILE COPY

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

Ken Schultz
Mayor

UTILITY DEVELOPMENT DIVISION
HYDROLOGY SECTION
(505) 768-2650

April 27, 1987

Mel Montoya
2819 Second Street, NW
Albuquerque, New Mexico 87107

RE: CERTIFICATE OF OCCUPANCY FOR 2819 SECOND STREET, NW
(H-14/D50)

Dear Mr. Montoya:

This letter is a follow-up to our 18 March, 1987 inspection. We still do not have compliance with the approved drainage plan. The following items need to be completed prior to release of the Certificate of Occupancy:

1. The asphalt parking lot has not been constructed.
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Cordially,

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

cc: Bob Born

CAM/ds)

FILE COPY

CITY OF ALBUQUERQUE

ALBUQUERQUE, NEW MEXICO

INTER-OFFICE CORRESPONDENCE

REF. NO._____

October 31, 1986

TO: Tom Aragon, Transportation System Division

FROM: Fred J. Aguirre, Hydrologist; Engineering Division/PWD

SUBJECT: PRIVATE DRAINAGE FACILITIES WITHIN PUBLIC RIGHTS-OF-WAY/EASEMENT
WAREHOUSE BUILDING FOR MEL MONTOYA (H-14/D50)

Transmitted herewith, is a copy of the approved drainage plan for the referenced projects incorporating the S.O. 19 design.

In accordance with the new process, this plan is being submitted to you for permitting and inspection. Please provide this section with a signed-off copy per the signature block upon construction and acceptance by your office.

As you are aware, the signed-off S.O. 19 is required by this office for Certificate of Occupancy release; hence your expeditious processing of this plan would be greatly appreciated and would avoid any unnecessary delay in the release of the Certificate of Occupancy.

Thank you for your cooperation, and if you should have any questions and/or comments regarding the process, please feel free to call me at 768-2650.

FJA/bsj

Enclosures

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Wareho Building For Mel Montoya ZONE ATLAS/DRNG. FILE #: H-14

LEGAL DESCRIPTION: Tract A, M-M Addition

CITY ADDRESS: 2819 Second Street NW

ENGINEERING FIRM: Lovelady & Associates CONTACT: Frank Lovelady

ADDRESS: 7408 Morrow Road, NE 87110 PHONE: 883-7973

OWNER: Mel Montoya CONTACT: Mel Montoya

ADDRESS 2819 Second St. NW PHONE:

ARCHITECT: Agri Building Company CONTACT: Ken Dubay

ADDRESS: 4330 Broadway SE PHONE: 877-4155

SURVEYOR: Lovelady & Associates CONTACT: Frank Lovelady

ADDRESS: 7408 MOrrow Road, N.E. PHONE: 883-7973

CONTRACTOR: Agri Building Company CONTACT: Ken Dubay

ADDRESS: 4330 Broadway SE PHONE: 877-4155

PRE-DESIGN MEETING:

____ YES

_X_ NO

____ COPY OF CONFERENCE RECAP SHEET PROVIDED

RECEIVED
OCT 28 1986
HYDROLOGY SECTION

DRB NO._____

EPC NO._____

PROJECT NO._____

TYPE OF SUBMITTAL:

____ DRAINAGE REPORT

_X_ DRAINAGE PLAN

____ CONCEPTUAL GRADING & DRAIN. 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: October 28, 1986

BY: Frank D. Lovelady, P.E.

Rev. 11/84

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Warehouse Building for Mel Montoya ZONE ATLAS/DRNG. FILE #: H-14 / D50

LEGAL DESCRIPTION: Tract A, M-M Addition

CITY ADDRESS: 2819 Second Street NW

ENGINEERING FIRM: Lovelady & Associates CONTACT: Frank Lovelady

ADDRESS: 7408 Morrow Road, NE 87110 PHONE: 883-7973

OWNER: Mel Montoya CONTACT: Mel Montoya

ADDRESS 2819 Second St. NW PHONE:

ARCHITECT: Agri Building Company CONTACT: Ken Dubay

ADDRESS: 4330 Broadway SE PHONE: 877-4155

SURVEYOR: Lovelady & Associates CONTACT: Frank Lovelady

ADDRESS: 7408 MOrrow Road, N.E. PHONE: 883-7973

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ADDRESS: 4330 Broadway SE PHONE: 877-4155

RECEIVED
OCT 23 1986
HYDROLOGY SECTION

PRE-DESIGN MEETING:

____ YES

_X_ NO

____ COPY OF CONFERENCE RECAP SHEET PROVIDED

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EPC NO.____

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____ FOUNDATION PERMIT APPROVAL

____ CERTIFICATE OF OCCUPANCY APPROVAL

____ ROUGH GRADING PERMIT APPROVAL

____ GRADING/PAVING PERMIT APPROVAL

____ OTHER____ (SPECIFY)

DATE SUBMITTED: October 22, 1986

BY: Frank D. Lovelady, P.E.

Rev. 11/84

DRAINAGE REPORT AND DRAINAGE PLAN CHECKLIST
(Abbreviated)

Warehouse Bldg. For Mel Monte #2.

I. GENERAL INFORMATION

- ✓ 1. Information sheet
- N/A 2. Planning history
- N/A a. P&Z action
- N/A b. Relation to approved M.P.
- 3. Site Description
- a. Vicinity map
- b. Zone atlas number
- c. Legal Description, or
- N/A d. Current Plat
- 4. Bench mark
- a. A.C.S. vertical datum
- b. T.B.M. on site
- 5. Flood hazard map
- 6. Watershed soils
- 7. Soils report
- N/A a. Pond<15' from exist. structure
- N/A b. Pond<15' from new structure
- N/A c. Pond<15' from P.L., less setback
- N/A d. Ponds<18" deep 10' from pvm't.
- N/A e. Ponds>18" deep 15' from pvm't.
- 8. Drainage report or plan

II. PLAN DRAWINGS

- 1. Professional Certification
- a. Engineer's stamp
- b. Engineer's signature
- c. Date
- N/A d. Revision date (when applicable)
- 2. Drafting standards
- a. North arrow
- b. scales
  - 1"=20' < 5 acres
  - N/A 1"=50' ≥ 5 acres
- c. Legend
- d. Drawing size 24"x36"
- e. notes
  - Property line
  - Asphalt paving
  - Sidewalks
  - N/A Planting areas
  - N/A Ponding areas
  - Other features

III. EXISTING CONDITIONS

- A. On-site
- 1. Existing Contours
- a. 1' interval < 1%
- N/A b. 2' interval 1%-5%
- N/A c. 5' interval > 5%
- 2. Spot Elevations
- 3. Contours & spot elevations
- a. A min of 25' beyond P.L.
- 4. Existing structures
- a. Buildings
- b. Retaining & garden walls
- c. Min. 25' beyond P.L.
- 5. Identify drainage facilities
- a. On-site
- b. On adjacent property
- 6. Pertinent elev. for 4 & 5 above.
- a. Finished floor (MSL)
- b. Invert, grate, etc.(MSL)
- 7. All existing easements
- N/A a. Dimensions
- N/A b. Purpose
- 8. Existing curb elevations (MSL)
- a. Top of curb
- b. Flow line
- 9. Flow quantities
- a. Undeveloped rate
- b. Undeveloped volume
- c. Developed rate
- d. Developed volume
- 10. Flow characteristics
- N/A a. Flow depth
- N/A b. Flow velocity
- N/A c. Locations of A & B

N/A B. Off-site
- 1. Delineation of W.S. on...
- a. 1" = 200' orthotopo, or
- b. 1" = 500' Floodway map
- 2. Off-site flow quantities
- a. 10-year flow rate
- b. 100-year flow rate
- 3. Off-site flow description
- a. Flow depth
- b. Flow velocity
- c. Locations of a. & b.
- 4. Other conditions
- 5. Existing Easements & R.O.W.

IV. PROPOSED CONDITIONS

- A. On- Site
- 1. Define Req'd. Drain. Fac.
- N/A a. Pond Vol. Calculations
- N/A b. Pond positive discharge
- N/A c. Pond emergency spillway
- N/A d. Pond fencing (> 18"deep)
- N/A e. Pond landscaping
- N/A f. Pond maintenance
- N/A g. Channel depths & Velocities
- N/A h. Storm sewer capacities/HGL
- N/A i. Other facilities(AMAFCA)
- 2. Proposed Contours
- ✓ a. 1' interval < 1%
- N/A b. 2' interval 1%-5%
- N/A c. 5' interval U 5%
- 3. Proposed Esm'ts & R.O.W.
- N/A a. Dimensions
- N/A b. Purpose
- 4. Dedicated unpaved R.O.W.
- N/A a. Alley grades
- N/A b. Street grades
- N/A 5. Drainage Areas Outlined
- 6. Flow lines
- a. Sheet flow
- b. Concentrated flow
- c. Spot elevations
- N/A 7. Pond(s) 100-year H.W.L.
- 8. Building fin. flr. elev
- 9. Slope limitations
- N/A a. < 3' - 2:1 max.
- N/A b. > 3' 3:1 max.
- 10. Elevations at Prop. Lines
- a. Above adjacent top of curb
- N/A b. Ret. Walls, Grades > 18"
- 11. Details of Drainage Fac.
- 12. Erosion Control Plan
- 13. City Drive Pads
- Spot elevations
- 14. S.O. 19
- N/A 15. R.O.W./Esmt. for above
- 16. Nuisance waters
- B. Off-site
- 1. Off-site drain. fac.
- N/A a. Definition
- N/A b. Locations
- c. Configuration
- 2. Verify Downstream Cond.
- 3. Rights-of-way