HYDROLOGY H14/D38 1 PLAN

H14/D38

1 PLAN

FILE COPY

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

Ken Schultz
Mayor

UTILITY DEVELOPMENT DIVISION
HYDROLOGY SECTION
(505) 768-2650

August 6, 1987

Tucker Green
Engineering Associates, Inc.
523 Adams, NE
Albuquerque, New Mexico 87108

RE: RESUBMITTAL OF GRADING & DRAINAGE REPORT FOR BUILDING PERMIT APPROVAL, KABANA, INC., ADDITION (H-14/D38)

Dear Mr. Green:

Your report, dated July 21, 1987, with an engineer's stamp dated June 15, 1987, is approved for building permit sign-off by Hydrology.

Please attach a copy of this approved plan to the construction set routed for sign-off by Hydrology.

If you have any questions, please call me at 768-2650.

Cordially,

Stuart Reeder

G. Stuart Reeder, P.E.
C.E./Hydrology Section

GSR/bsj

H14/038

INFORMATION SHEET

PROJECT TITLE Kabana, Inc. Addition

TYPE OF SUBMITTAL Grading Plan & Drainage Report

ZONE ATLAS PAGE NO. H-14 CITY ADDRESS 616 Indian School NE

LEGAL DESCRIPTION Tract B, Lot 4, Martin Bezemek Addition

ENGINEERING FIRM Engineering Associates, Inc. CONTACT Tucker Green

ADDRESS 532 Adams NE, Albuquerque, NM PHONE 265-6545

OWNER Stavros Elfetherio CONTACT Bill Thompson

ADDRESS 616 Indian School NW, Albuquerque NM PHONE 345-8101

ARCHITECT Howard Kaplan CONTACT Howard Kaplan

ADDRESS ~~[illegible]~~ 4937 ARROYO CHAMISA NE PHONE ~~[illegible]~~ 291-0630/345-5345

SURVEYOR None CONTACT -----

ADDRESS ----- PHONE --------

CONTRACTOR To be chosen after bids CONTACT -----

ADDRESS PHONE --------

RECEIVED JUL 21 1987 HYDROLOGY SECTION

PRE-DESIGN MEETING:
_X_YES
___NO
___COPY OF CONFERENCE RECAP SHEET PROVIDED
(No recap made)

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
___CERTIFICATE OF OCCUPANCY APPROVAL
___ROUGH GRADING PERMIT APPROVAL
___GRADING/PAVING PERMIT APPROVAL
___OTHER_____(SPECIFY)

DATE SUBMITTED 10/26/84 / RESUBMITTED 6/29/87

RECEIVED JUL 07 1987 HYDROLOGY SECTION

BY August F. Mosimann, P. E.
for
Engineering Associates, Inc.

Site Grading and Drainage Plan

for

Kabana Inc.
616 Indian School Road NW
Albuquerque, New Mexico

PROJECT DESCRIPTION

The site is located on flat terrain at approximately 6th St. NW and Indian School Road NW (I_40 south frontage road). It is roughly 200 ft by 200 ft. There are no discernible offsite flows. Two existing buildings and paved parking occupy most of the site, although the rear 35 feet are and will remain undeveloped. A drainage plan for previous work, submitted in late 1981, was approved for discharge through sidewalk-type culverts to a nearby storm drain at 6th and Indian School.

Two additions to the main building are proposed. In terms of drainage, the first will affect only about 250 sq ft existing landscaping. The other, about 1400 sq ft, will be built on currently undeveloped ground. With paving, this will amount to just under 2000 sq ft. According to Steve Chavez and Carlos Montoya of the Hydrology Dept., discharge from the additions to the existing pavement, swales and culverts will be permitted.

GENERAL INFORMATION

1. The legal description is: Tract B, Lot 4, Martin Bezemek Addition
   (Zone Map H-14 Z)
2. The site is not in a 100-year flood hazard area.
3. There is no offsite flow.

EXISTING CONDITIONS

1. Existing runoff is as follows:
   The flow area is 40740 sq. ft. or 0.935 acres.
   The flow area is 98 % impervious.
   The soil is group B, type BR, Soil Survey Sheet 30
   The "C" factor is 0.68 (P1. 22.2 D-1)
   The runoff length L is 320 ft (max)
   The slope S is 0.6 %.
   The concentration time is 0.0078*(L^.77)/(S^.385) = 4.7 min
   (10 minutes minimum)
   The average velocity is 320 / (10*60) = 0.53 ft/sec
   The 100-yr 6-hr precipitation amount is 2.2 in (P1 22.2 D-1)
   The 100-yr intensity is 2.15 x 2.2 = 4.73 in/hr (P1 22.2 D-2)
   The 100-yr flow rate is CIA=0.68 x 4.73 x 0.935 = 3.01 cfs
   The 100-yr volume is 0.68 x (2.2/12) x 40740 = 5079 cu ft
   The 10-yr values are 65.7% of the 100-yr values
   for amount, intensity, rate, and volume (P1 22.2 D-1)

PROPOSED CONDITIONS

1. The total area changed from natural soil to impervious is 2230 sq ft
2. Proposed runoff is as follows:
   The flow area is 40740 sq. ft. or 0.935 acres.
   The flow area is 73.5 % impervious.
   The soil is group B, type GK, Soil Survey Sheet 30
   The "C" factor is 0.72 (Pl. 22.2 C-1)
   The runoff length L is 320 ft (max)
   The slope S is 0.6 %.
   The concentration time is 0.0078*(L^.77)/(S^.385) = 4.7 min
   (10 minutes minimum)
   The average velocity is 320 / (10*60) = 0.53 ft/sec
   The 100-yr 6-hr precipitation amount is 2.2 in (Pl 22.2 D-1)
   The 100-yr intensity is 2.15 * 2.2 = 4.73 in/hr (Pl22.2 D-2)
   The 100-yr flow rate is CIA = 0.72 * 4.73 * 0.935 = 3.18 cfs
   The 100-yr volume is 0.72 * (2.2/12) * 40740 = 5378 cu ft
   The 10-yr values are 65.7% of the 100-yr values
   for amount, intensity, rate, and volume (Pl 22.2 D-1)

3. **The changes amount to:**
   100-yr flow: + 0.17 cfs
   100-yr volume: + 299 cu ft

4. Roof flow from the east addition will be to existing pavement as shown on the plans.

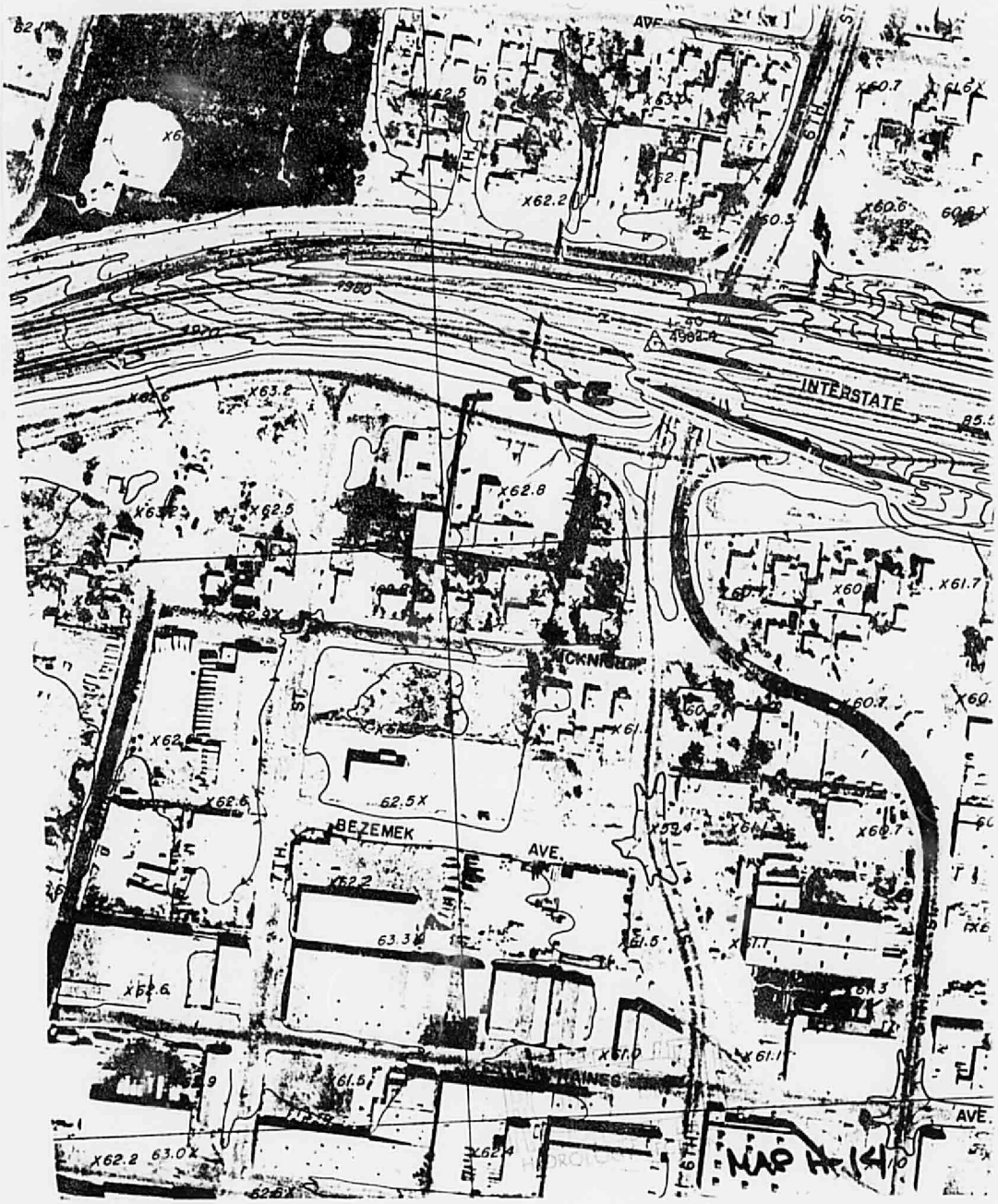
5. As shown on the plans, most of the flow from the west addition will be to new asphalt pavement as shown on the plans. From there runoff will flow on existing paved grade to the culvert and to the street.

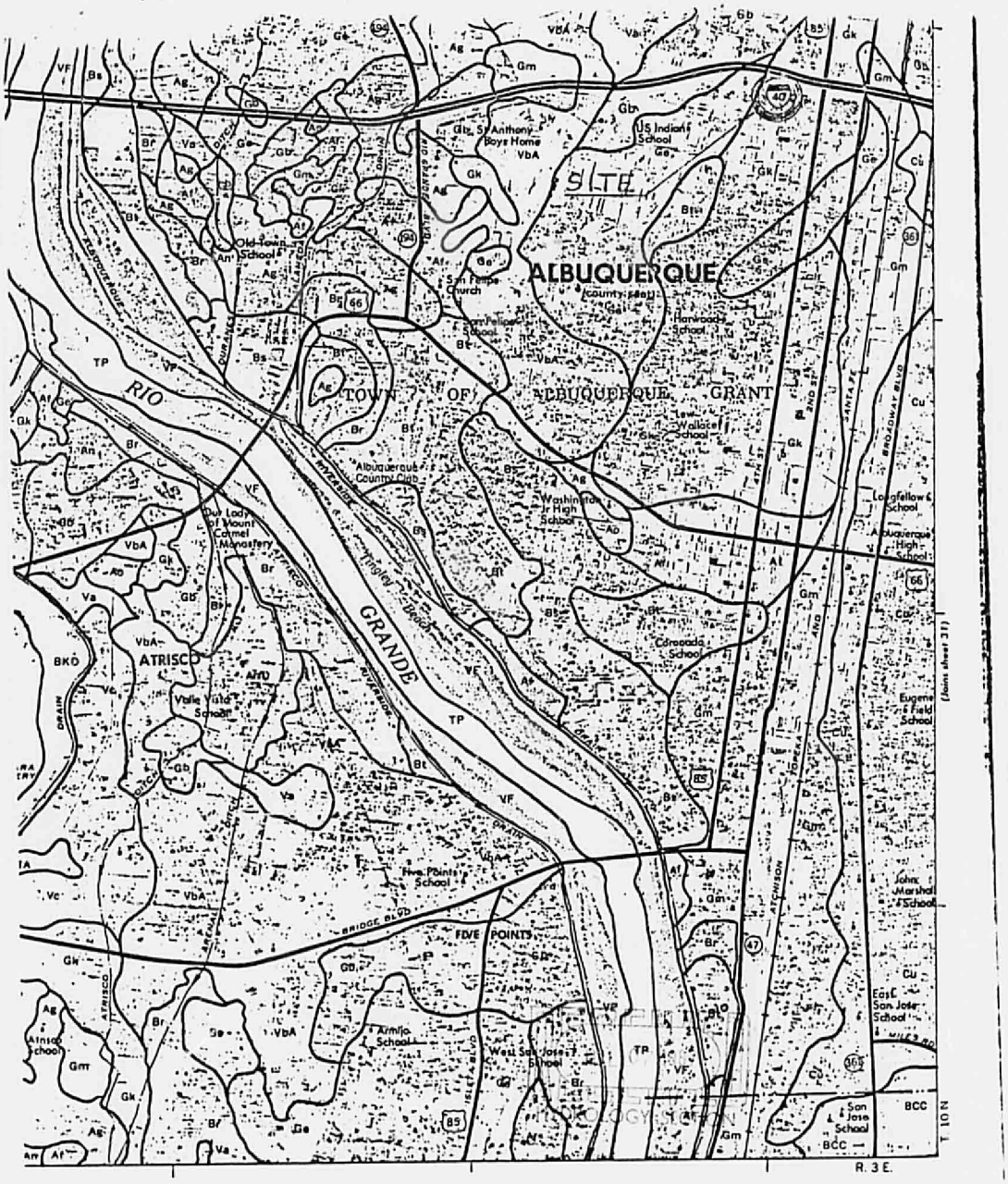
FLOOD CONTROL

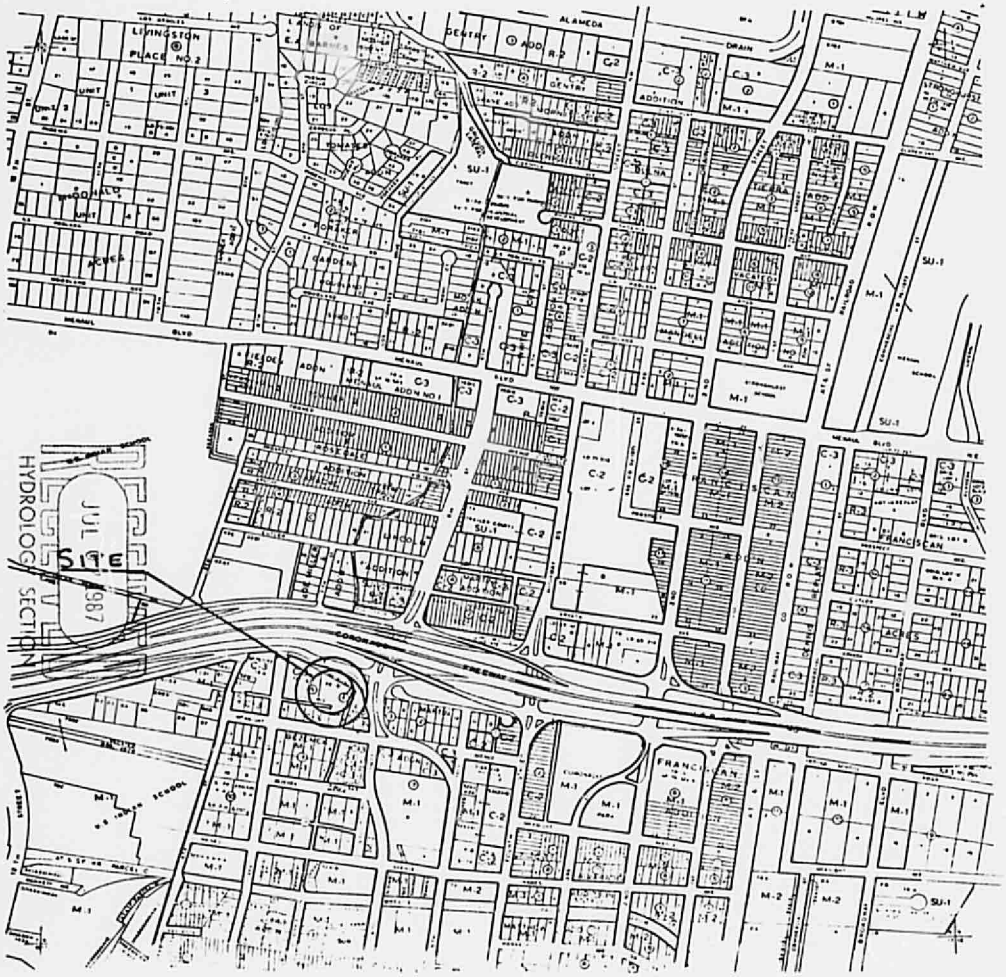
1. Special treatment is provided for the west addition in the area between the existing area and the new entrance (10' by 15', including porch). This area, which serves as handicap access, is slightly lower than the surrounding pavement. It is separated by a low curb on the west and by a ridge on the south. Runoff is routed to a 2'*5'*2'-10" deep = 29.33 cu ft = 219 gal dry well. The 100-yr volume for this area is 15*10*(2.2/12) = 27.5 cu ft. A 1 gallon-per-minute pump discharging over the ridge can empty the well in less than 3 1/2 hours.

2. The building is not located in a flood hazard area; therefore flood proofing is not required.

3. The only earthwork necessary will be minor grading and footing excavation. Flow velocities are approximately 0.53 ft/sec as outlined above. Erosion will not be a problem.


SITE
INTERSTATE
BEZEMEK
AVE.
7TH
6TH
MAP H-14


SITE
ALBUQUERQUE
(county seat)
TOWN OF ALBUQUERQUE GRANT
RIO GRANDE
ATRISCO
FIVE POINTS
St. Anthony Boys Home
US Indian School
Old Town School
San Felipe Church
Hanwood School
Albuquerque Country Club
Our Lady of Mount Carmel Monastery
Washington Jr High School
Lew Wallace School
Longfellow School
Albuquerque High School
Coronado School
Eugene Field School
John Marshall School
East San Jose School
West San Jose School
San Jose School
Armijo School
Five Points School
Valle Vista School
Atrisco School
BRIDGE BLVD
ATRISCO
ATCHISON
TOPEKA AND SANTA FE
BROADWAY BLVD
2ND ST
(Joins sheet 31)
T 10 N
R. 3 E.


LIVINGSTON PLACE NO. 2
ALAMEDA
DRAIN
CENTRAL
ADDITION
SU-1
M-1
M-2
C-2
C-3
G2
G3
MEMORIAL BLVD
RAILROAD
FRANCISCAN
SCHOOL
Site
JUL 1987
HYDROLOGY SECTION

H-14-Z

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

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

January 24, 1985

Mr. Tucker Green
Engineering Associates
532 Adams NE
Albuquerque, NM 87108

REF: GRADING PLAN AND DRAINAGE REPORT FOR KABANA INC. ADDITION (H14-D38)
RECEIVED JANUARY 7, 1985

Dear Tucker:

The above referenced plan, dated January 7, 1985, is approved.

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

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

Sincerely yours,

Carlos A. Montoya, PE
City/County Flood Plain Admin.

CAM:mrk

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

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

January 17, 1985

August Mosiman
Engineering Associates, Inc.
532 Adams, NE
Albuquerque, New Mexico 87108

RE: ADDITION TO KABANA, INC. (H-14/D38)
RECEIVED JANUARY 7, 1985

Dear Mr. Mosiman:

Based on the information provided on your January 7, 1985 resubmittal, final approval cannot be granted until you provide us with a plan that has the revision date on the engineer's stamp so that our office can use as a basis to check the construction plans when they are processed for permit purposes.

If you have any questions or comments, please feel free to call me at 766-7644.

Cordially,

Carlos A. Montoya

Carlos A. Montoya
City/County Floodplain Administrator

CAM:BJM/bsj

INFORMATION SHEET

PROJECT TITLE: Kabana Inc. Addition

TYPE OF SUBMITTAL: Grading plan & Drainage Report

ZONE ATLAS PAGE: H-14/D38 CITY ADDRESS: 616 Indian School Road N.W.
updated

LEGAL DESCRIPTION: Tract B, Lot 4, Martin Bezemek Addition

ENGINEERING FIRM: Engineering Associates CONTACT: Tucker Green

ADDRESS: 532 Adams N.E., 87108 PHONE: 265-6545

OWNER: Stavros Elfetherio CONTACT: Bill Thompson

ADDRESS: 616 Indian School NW, Albuq. PHONE: 843-9330

ARCHITECT: Howard Kaplan CONTACT: Howard Kaplan

ADDRESS: 449 Sycamore NE, Albuq. PHONE: 262-2116

SURVEYOR: None CONTACT:

ADDRESS: PHONE:

CONTRACTOR: Not yet chosen CONTACT:

ADDRESS: PHONE:

YES	NO	
_X_	___	PRE-DESIGN CONFERENCE
___	_X_	COPY OF CONFERENCE RECAP PROVIDED (No recap made)

TYPE OF APPROVAL REQUESTED

___ SKETCH PLAT
___ PRELIMINARY PLAT
___ SITE DEVELOPMENT PLAN
___ FINAL PLAT
_X_ BUILDING PERMIT
___ CERTIFICATE OF OCCUPATION
___ ROUGH GRADING PERMIT
___ GRADING / PAVING PERMIT

RECEIVED
JAN 07 1985
HYDROLOGY SECTION

August Mosimann
for
Engineering Associates, Inc.

DATE SUBMITTED 11/ /84
1/7/85

Site Grading and Drainage Plan

for

Kabana Inc.
616 Indian School Road NW
Albuquerque, New Mexico

AUGUST F. MILLER
STATE OF NEW MEXICO
NO. 7548
REGISTERED PROFESSIONAL ENGINEER

PROJECT DESCRIPTION

The site is located on flat terrain at approximately 6th St. NW and Indian School Road NW (I-40 south frontage road). It is roughly 200 ft by 200 ft. There are no discernible offsite flows. Two existing buildings and paved parking occupy most of the site, although the rear 35 feet are and will remain undeveloped. A drainage plan for previous work, submitted in late 1981, was approved for discharge through sidewalk-type culverts to a nearby storm drain at 6th and Indian School.

Two additions to the main building are proposed. In terms of drainage, the first will affect only about 250 sq ft existing landscaping. The other, about 1400 sq ft, will be built on currently undeveloped ground. With paving, this will amount to just under 2000 sq ft. According to Steve Chavez and Carlos Montoya of the Hydrology Dept., discharge from the additions to the existing pavement, swales and culverts will be permitted.

GENERAL INFORMATION

1. The legal description is: Tract C, Lot 4, Martin Bezemek Addition (Zone Map H-14 Z)
2. The site is not in a 100-year flood hazard area.
3. There is no offsite flow.

EXISTING CONDITIONS

1. Existing runoff is as follows:
   The flow area is 40740 sq. ft. or 0.935 acres.
   The flow area is 68 % impervious.
   The soil is group B, type GK, Soil Survey Sheet 30
   The "C" factor is 0.68 (Pl. 22.2 C-1)
   The runoff length L is 320 ft (max)
   The slope S is 0.6 %.
   The concentration time is 0.0078*(L^.77)/(S^.385) = 4.7 min
   (10 minutes minimum)
   The average velocity is 320 / (10x60) = 0.53 ft/sec
   The 100-yr 6-hr precipitation amount is 2.2 in (Pl 22.2-[illegible])
   The 100-yr intensity is 2.15 x 2.2 = 4.73 in/hr (Pl22.[illegible])
   The 100-yr flow rate is CIA=0.68 x 4.73 x 0.935 = 3.01 cfs
   The 100-yr volume is 0.68 x (2.2/12) x 40740 = 5079 cu ft
   The 10-yr values are 65.7% of the 100-yr values
   for amount, intensity, rate, and volume (Pl 22.[illegible])

HYDROLOGY SECTION
APR 0 1 1982
RECEIVED

PROPOSED CONDITIONS

1. The total area changed from natural soil to impervious is 2230 sq ft
2. Proposed runoff is as follows:
   The flow area is 40740 sq. ft. or 0.935 acres.
   The flow area is 73.5 % impervious.
   The soil is group B, type GK, Soil Survey Sheet 30
   The "C" factor is 0.72 (P1. 22.2 C-1)
   The runoff length L is 320 ft (max)
   The slope S is 0.6 %.
   The concentration time is 0.0078*(L^.77)/(S^.385) = 4.7 min
   (10 minutes minimum)
   The average velocity is 320 / (10x60) = 0.53 ft/sec
   The 100-yr 6-hr precipitation amount is 2.2 in (P1 22.2 D-1)
   The 100-yr intensity is 2.15 x 2.2 = 4.73 in/hr (P122.2 D-2)
   The 100-yr flow rate is CIA = 0.72 x 4.73 x 0.935 = 3.18 cfs
   The 100-yr volume is 0.72 x (2.2/12) x 40740 = 5378 cu ft
   The 10-yr values are 65.7% of the 100-yr values
   for amount, intensity, rate, and volume (P1 22.2 D-1)

3. The changes amount to:
   100-yr flow: + 0.17 cfs
   100-yr volume: + 299 cu ft

4. Roof flow from the east addition will be to existing pavement as shown on the plans.

5. As shown on the plans, most of the flow from the west addition will be to new asphalt pavement as shown on the plans. From there runoff will flow on existing paved grade to the culvert and to the street.

FLOOD CONTROL

1. Special treatment is provided for the west addition in the area between the existing area and the new entrance (10' by 15', including porch). This area, which serves as handicap access, is slightly lower than the surrounding pavement. It is separated by a low curb on the west and by a ridge on the south. Runoff is routed to a 2'x5'x2'-10" deep = 28.33 cu ft = 212 gal dry well. The 100-yr volume for this area is 15x10x(2.2/12) = 27.5 cu ft. A 1 gallon-per-minute pump discharging over the ridge can empty the well in less than 3 1/2 hours.

2. The building is not located in a flood hazard area; therefore flood proofing is not required.

3. The only earthwork necessary will be minor grading and footing excavation. Flow velocities are approximately 0.53 ft/sec as outlined above. Erosion will not be a problem.

HADDONFIELD SECTION
OCT 1 0 1982

Pre-Design Investigation
(Additions)

DATE 10-15-84

ADDRESS 616 Indian School Rd NW ZONE ATLAS # H-14-D38

LEGAL DESCRIPTION TRACK B BLOCK 4 MARTIN BEEMAK Add.

OWNER —

ARCHITECT/ENGINEER Howard Kaplan - Wilson & Co.

LOT SIZE 0.935 Ac.

ZONING C-3

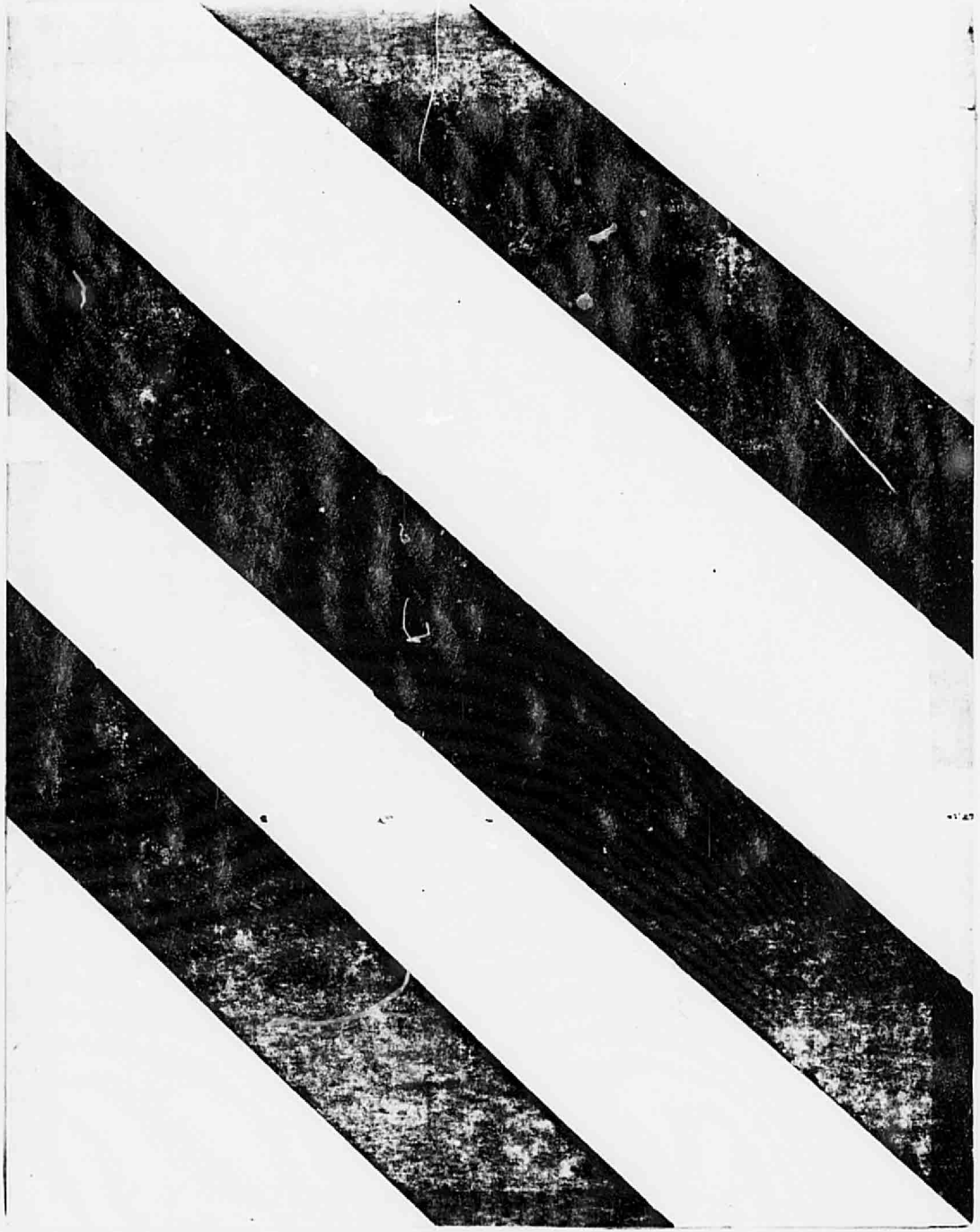
PROPOSED DEVELOPMENT Addition

	YES	NO	NA	COMMENTS
FLOOD HAZARD AREA		✓		
PART OF AN APPROVED REPORT	1981 ✓			
CONSTRUCTION PLANS ON MICRO-FILM		✓		
FIELD INSPECTION	✓			

COMMENTS:

DRAINAGE REQUIREMENTS:

Phone Architect (Tucker Bacon over Phone) That Plan would need to be updated to show new additions
① F.F. would need to be called out to make sea-level elevations.
② Gutter System would need to be call out on Plan on West Addition so that Flows would drain to Exist Ph. Area on North Side.
Carlos & I discussed and agreed [illegible] 10-17-89.



HYDROLOGY H14/D37 FOUR PLANS

H 14- D37

4 PLANS

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

August 28, 1986

Jeff Mortensen
Tom Mann & Associates, Inc.
811 Dallas, NE
Albuquerque, New Mexico 87110

RE: REVISED DRAINAGE PLAN FOR 1 DAY PAINT & BODY SHOP
(H-14/D37) ENGINEER'S STAMP DATED AUGUST 13, 1986

Dear Jeff:

Based on the information provided on your August 22, 1986 submittal, the above referenced drainage plan is approved for Building Permit

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

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

Cordially,

Bernie J. Montoya

Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsj

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

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

August 5, 1986

Jeff Mortensen
Tom Mann & Associates, Inc.
811 Dallas, NE
Albuquerque, New Mexico 87110

RE: DRAINAGE PLAN FOR 1 DAY PAINT & BODY SHOP
(H-14/D37) ENGINEER'S STAMP DATED JULY 30, 1986

Dear Jeff:

Based on the information provided on your August 1, 1986 submittal, the above referenced drainage plan is approved for Building Permit

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

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

Cordially,

Bernie J. Montoya

Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsj

FILE COPY

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

August 28, 1986

Jeff Mortensen
Tom Mann & Associates, Inc.
811 Dallas, NE
Albuquerque, New Mexico 87110

RE: REVISED DRAINAGE PLAN FOR 1 DAY PAINT & BODY SHOP
(H-14/D37) ENGINEER'S STAMP DATED AUGUST 13, 1986

Dear Jeff:

Based on the information provided on your August 22, 1986 submittal, the above referenced drainage plan is approved for Building Permit

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

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

Cordially,

Bernie J. Montoya

Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsj

61091

DRAINAGE INFORMATION SHEET

PROJECT TITLE: 1 DAY PAINT + BODY SHOP ZONE ATLAS/DRNG. FILE #: H-14

LEGAL DESCRIPTION: PARCEL A, BLOCK 10, FRANCISCAN ADDITION

CITY ADDRESS: NOT KNOWN

ENGINEERING FIRM: TOM MANN + ASSOC. CONTACT: LEONARD UTTER

ADDRESS: 811 DALLAS N.E PHONE: 265-5611

OWNER: CONTACT ARCHITECT CONTACT:

ADDRESS: PHONE:

ARCHITECT: BURNS/PETERS CONTACT: JACK HARRIS

ADDRESS: 2400 LOUISIANA BLVD. N.E Bldg 5, SUITE 400 PHONE: 881-2759

SURVEYOR: CONTACT: JACK HARRIS

ADDRESS: PHONE: 881-2759

CONTRACTOR: NOT KNOWN CONTACT:

ADDRESS: PHONE:

RECEIVED AUG 22 1986 HYDROLOGY SECTION

PRE-DESIGN MEETING:

___ YES

✓ NO

___ COPY OF CONFERENCE RECAP SHEET PROVIDED

DRB NO. ___

EPC NO. ___

PROJ. NO. H14/D37 PREVIOUS

TYPE OF SUBMITTAL:

___ DRAINAGE REPORT

✓ 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

✓ BUILDING PERMIT APPROVAL

___ FOUNDATION PERMIT APPROVAL

___ CERTIFICATE OF OCCUPANCY APPROVAL

___ ROUGH GRADING PERMIT APPROVAL

___ GRADING/PAVING PERMIT APPROVAL

✓ OTHER RESUBMITTAL (SPECIFY)

DATE SUBMITTED: 08-22-86

BY: J.G. MORTENSEN

FILE COPY

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

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

August 5, 1986

Jeff Mortensen
Tom Mann & Associates, Inc.
811 Dallas, NE
Albuquerque, New Mexico 87110

RE: DRAINAGE PLAN FOR 1 DAY PAINT & BODY SHOP
(H-14/D37) ENGINEER'S STAMP DATED JULY 30, 1986

Dear Jeff:

Based on the information provided on your August 1, 1986 submittal, the above referenced drainage plan is approved for Building Permit

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

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

Cordially,

Bernie J. Montoya

Bernie J. Montoya, C.E.
Engineering Assistant

BJM/bsj

DRAINAGE INFORMATION SHEET

PROJECT TITLE: 1 DAY PAINT + BODY SHOP ZONE ATLAS/DRNG. FILE #: H-14/D37

LEGAL DESCRIPTION: PARCEL A, BLOCK 10, FRANCISCAN ADDITION

CITY ADDRESS: NOT KNOWN

ENGINEERING FIRM: TOM MANN + ASSOC. CONTACT: LEONARD UTTER

ADDRESS: 811 DALLAS N.E PHONE: 265-5611

OWNER: CONTACT ARCHITECT CONTACT:

ADDRESS: PHONE:

ARCHITECT: BURNS/PETERS CONTACT: JACK HARRIS

ADDRESS: 2406 LOUISIANA BLVD. N.E Bldg 5, SUITE 400 PHONE: 881-2759

SURVEYOR: CONTACT: JACK HARRIS

ADDRESS: PHONE: 881-2759

CONTRACTOR: NOT KNOWN CONTACT:

ADDRESS: PHONE:

RECEIVED AUG 01 1986 HYDROLOGY SECTION

PRE-DESIGN MEETING:

___ YES

✓ NO

___ COPY OF CONFERENCE RECAP SHEET PROVIDED

DRB NO. 84-318 5/18/84

EPC NO. ___

PROJ. NO. H14/D37 PREVIOUS

TYPE OF SUBMITTAL:

___ DRAINAGE REPORT

✓ 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

✓ BUILDING PERMIT APPROVAL

___ FOUNDATION PERMIT APPROVAL

___ CERTIFICATE OF OCCUPANCY APPROVAL

___ ROUGH GRADING PERMIT APPROVAL

___ GRADING/PAVING PERMIT APPROVAL

___ OTHER ___ (SPECIFY)

DATE SUBMITTED: Aug 1, 1986

BY: Leonard P. Utter

FILE COPY

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

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

January 7, 1985

Chris Weiss
C.T.S., Inc.
1100-A Alvarado, NE
Albuquerque, New Mexico 87110

RE: REVISED GRADING & DRAINAGE PLAN FOR DAVIDSON UPHOLSTERY (H-14/D37) RESUBMITTAL DATED DECEMBER 20, 1984

Dear Chris:

Based on the information provided on your December 21, 1984 resubmittal, revisions 1 and 2 for the referenced drainage plan are approved.

Please attach a copy of this approved plan along with the appropriately approved "Drainage Facilities Within City Right-of-Way" document to the construction set prior to sign-off by Hydrology.

If you have any questions or comments, please feel free to call me at 766-7644.

Cordially,

Carlos A. Montoya
City/County Floodplain Administrator

CAM:BJM/bsj

INFORMATION SHEET

PROJECT TITLE Davidson Upholstery TYPE OF SUBMITTAL Resubmittal Grading/Drainage

ZONE ATLAS PAGE NO. H-14/ D37 CITY ADDRESS 1st and Arvada N.E.

LEGAL DESCRIPTION Parcel A, Block 10 of Franciscan Addn., Albuqueruqe, N.M.

ENGINEERING FIRM C.T.S. Inc. CONTACT Chris Weiss

ADDRESS 1100 -A Alvarado N.E. PHONE 266-3444

OWNER _____ CONTACT _____

ADDRESS _____ PHONE _____

ARCHITECT John Vanderpol CONTACT John Vanderpol

ADDRESS 2539 B Wyoming N.E. PHONE 2987323

SURVEYOR D.T. Morrison CONTACT D.T. Morrison

ADDRESS 1020 Texas N.E. PHONE 256-7364

CONTRACTOR _____ CONTACT _____

ADDRESS _____ PHONE _____

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
___ BUILDING PERMIT APPROVAL
___ CERTIFICATE OF OCCUPANCY APPROVAL
___ ROUGH GRADING PERMIT APPROVAL
___ GRADING/PAVING PERMIT APPROVAL
_x_ OTHER Resubmittal (SPECIFY)

RECEIVED
DEC 21 1984
DESIGN HYDROLOGY SECTION

DATE SUBMITTED: 12-20-84

BY: Chris Weiss

Supercedes submittal dated 12/17/84

RECEIVED BY: _____ DATE: _____

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

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

October 29, 1984

Mr. Chris Weiss
CTS, Inc.
1100 A Alvarado NE
Albuquerque, NM 87110

REF: GRADING AND DRAINAGE PLAN FOR DAVIDSON UPHOLSTERY (H14-D37) RECEIVED SEPTEMBER 12, 1984

Dear Chris:

The above referenced plan, dated September 12, 1984 is approved.

Please attach a copy of this approved plan along with the appropriately approved "Drainage Facilities Within City Right-of-Way" document to the construction set prior to release of the building permit.

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

Sincerely yours,

Carlos A. Montoya

Carlos A. Montoya
City/County Flood Plain Admin.

CAM:mrk

INFORMATION SHEET

PROJECT TITLE DAVIDSON UPHOLSTERY TYPE OF SUBMITTAL GRADING AND DRAINAGE

ZONE ATLAS PAGE NO. H-14 CITY ADDRESS

LEGAL DESCRIPTION Parcel "A" Block 10 of the Franciscan Addition,

ENGINEERING FIRM C.T.S. Inc. CONTACT Chris Weiss

ADDRESS 1100 Alvarado N.E. PHONE 266-3444

OWNER CONTACT

ADDRESS PHONE

ARCHITECT CONTACT

ADDRESS PHONE

SURVEYOR D.T. Morrison Survey Co. CONTACT

ADDRESS PHONE

CONTRACTOR CONTACT

ADDRESS PHONE

PRE-DESIGN MEETING:

XX YES
___ NO
XX 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
XX BUILDING PERMIT APPROVAL
___ CERTIFICATE OF OCCUPANCY APPROVAL
___ ROUGH GRADING PERMIT APPROVAL
___ GRADING/PAVING PERMIT APPROVAL
___ OTHER _____ (SPECIFY)

RECEIVED
SEP 12 1984
HYDROLOGY SECTION

DATE SUBMITTED: September 11, 1984

BY: Christopher Weiss
C.TS. Inc.

John Vanca Fol / 1

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

HYDROLOGY SECTION PROJ. NO. H-14 DATE: 6/11/84

PLANNING DIVISION NO. _____

CONFERENCE RECAP

SUBJECT: Commercial Building @ 1st St, I-40 & ARVADA NW.

WHO	REPRESENTING
ATTENDANCE: Chris Weiss	CTS, Inc
Billy Goolsby	

RECEIVED SEP 12 1984 HYDROLOGY SECTION

FINDINGS: ① Approved Drainage Plan required prior to release of building permit on Arvada
② Site adjacent to street flooding. Flood proofing required - AO depth 1 ft. FF elev 2' above ℄ of street. Controlled discharge required.
③ Analysis of downstream system could demonstrate free discharge.

Please provide a copy of recap w/submittal

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
TITLE: CE/Hydrology
DATE: 6/11/84

SIGNED: Chris Weiss
TITLE: CTS Inc
DATE: 6/11/84