HYDROLOGY

D17/D3C
1 PLAN

D17/D3C

1 Plan

TRACT 5B-1

6' Wooden Fence

curb opening inv. 30.10 Q100 = 3.27 cfs

Q100 = 2.55 cfs

FF = 36.50

FF = 36.00

Temporary swale to be removed upon greenhouse construction.

FF = 36.50

6' Wooden Fence

FF = 37.00

Q100 = .78 cfs

curb opening inv. 34.97

BASIN B

BASIN A

6' Wooden Fence

Existing 36" RCP Storm Drain

Existing Railroad Track

TIBURON STREET

TRACT 5C-1

Existing Conditions

I = 2.2 x 2.11 = 4.64 inches/hour

C = .34

Q100 = 4.64 cfs

Q10 = 3.05 cfs

Developed Conditions

Basin A

A = 0.98 acres C = .56

Q100 = 2.55 cfs

Q10 = 1.67 cfs

Basin B

A = 1.96 acres C = .36

Q100 = 3.27 cfs

Q10 = 2.15 cfs

TYPICAL CURB NOTCH
SCALE: 1" = 1'

LEGEND

- DIRECTION OF FLOW
- EXISTING CONTOURS
- 51 PROPOSED CONTOURS
- 37.30 EXISTING SPOT ELEVATION
- 36.25 TC PROPOSED SPOT ELEVATION (TOP OF CURB)
- 36.75 FL PROPOSED SPOT ELEVATION (FLOWLINE)
- WOOD FENCE
- PROPOSED BASIN BOUNDARY

Note:
According to the Drainage Management Plan for Journal Center by Bohannan Huston Inc., revised July 1984, the site is allowed free discharge.

EXISTING CONDITIONS

The site, located east of Tiburon St, drains to the Northwest at generally 3%. It has sparse vegitation over Embudo soil. This soil, which is gravelly fine sandy loam and gravelly sandy loam, is classified as SCS Hydrologic Soils Group "B".

The site does not discharge directly to Tiburon Street but to another site to the North.

UPLAND RUNOFF

Currently a small swale immediately south of the site drains across the site to the north. According to the grading plan for the Albuquerque Journal Production Building, this swale was designed to flow to Tiburon Street. We recommend regrading the swale to drain as designed, eliminating the cross drainage.

The runoff from the north embankment of a road east of the site also flows onto the site. The amount of this runoff is insignificant and may be conveyed through the site.

DEVELOPED CONDITIONS

The site will be developed into a landscaping maintenance yard with parking and greenhouses. This will have little impact on the total runoff from the site. Since most of the area will be used for storage of plants and equipment, the largest drainage concern is erosion control.

Desilting of the runoff from the dirt areas will be accomplished by conveying the runoff to a notch in the header curbs of the parking lot. This restricts the flow and slows the runoff to the point where the sediment will settle out. The "clean" runoff is discharged to the parking lot and ultimately to Tiburon Street.

APPROVED FOR DRAINAGE
7-9-85
DATE
SIGNATURE TITLE
ADVISE DRAINAGE INSPECTOR WHEN GRADING EXECUTED

RECEIVED
JUL 09 1985
HYDROLOGY SECTION

PROJECT SITE

LOCATION MAP
ZONE ATLAS PAGE D-17

FLOOD INSURANCE MAP
PANEL 9 OF 50

SOILS MAP
BERNALILLO COUNTY SOIL SURVEY, MAP 11

BENCHMARK
CENTERLINE P.O.C. ON SAN FRANCISCO ROAD, 441.89 FEET WEST OF THE EASTERLY BOUNDARY OF THE JOURNAL CENTER, BEING A 4" ALUMINUM SURVEY CAP STAMPED "CITY OF ALBUQUERQUE CENTERLINE MONUMENT, DO NOT DISTURB, P.L.S. # 2455 1982."
ELEVATION = 5174.29

APPROVED FOR ROUGH GRADING
4-17-85 — 7-9-85
CITY HYDROLOGY DATE

Date	Revision	By
7-9-85	Revised Elevations	

LEECO at JOURNAL CENTER

Project No

Seal

Bess Gunnett 4-16-85

DRAINAGE PLAN

Job No. 51590	Sheet 1 Of 1
Drawn By: SVR	Date: 04-15-85
Checked By: DWW	Scale: 1" = 20'

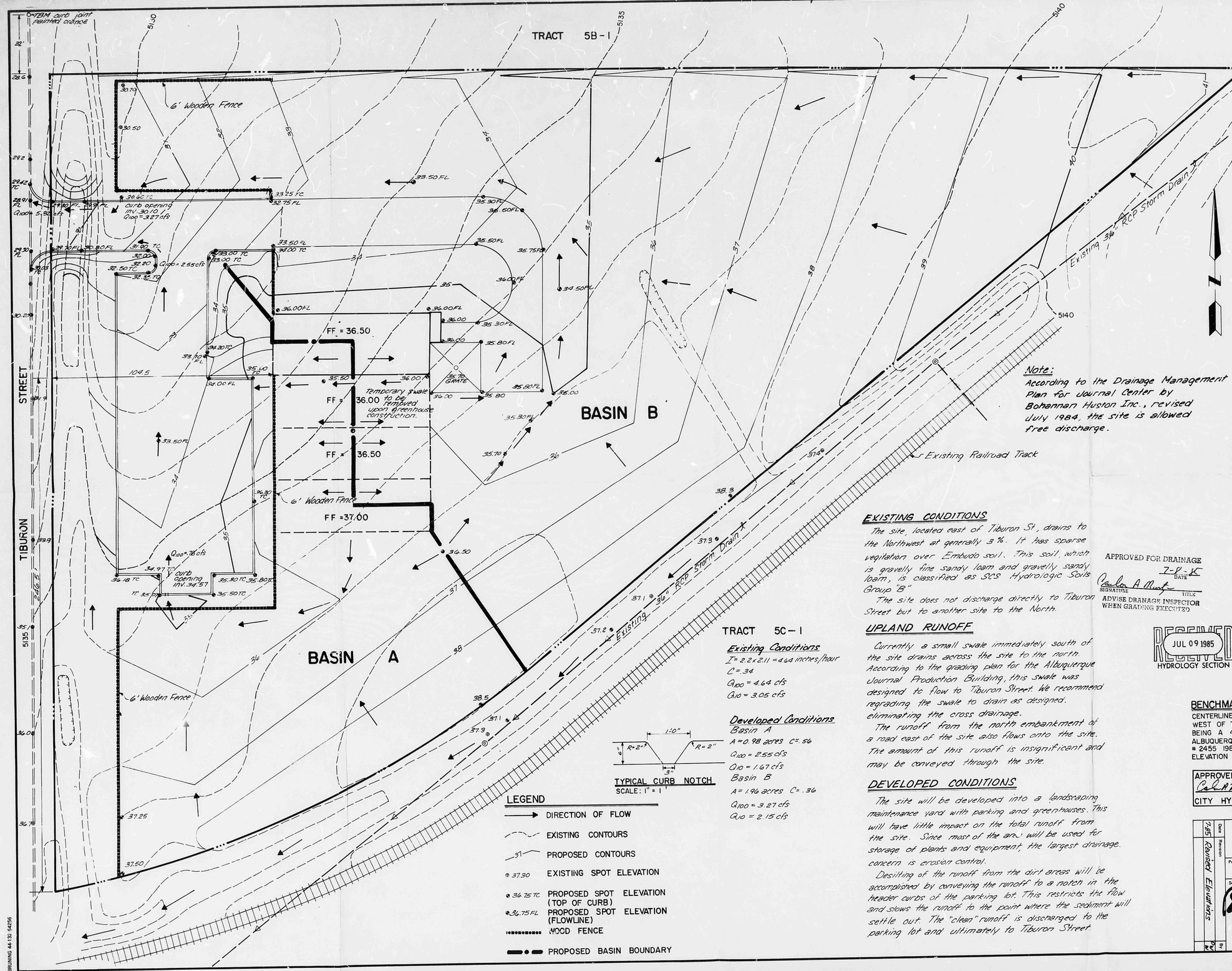
BRUNING 44-132 64256

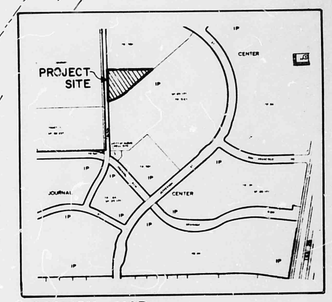
HYDROLOGY

D17/D3C
1 PLAN

D17/D3C

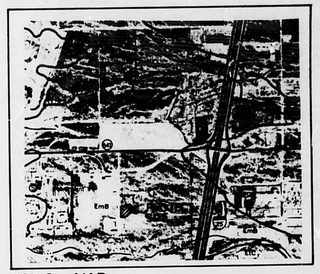
1 Plan





LOCATION MAP
ZONE ATLAS PAGE D-17

FLOOD INSURANCE MAP
PANEL 9 OF 50



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4-17-85 7-9-85
CITY HYDROLOGY DATE

LEECO at JOURNAL CENTER

DRAINAGE PLAN

Date	Revision	By
7-85	Revised Elevations	

Project No.
Seal: 4-16-85

Job No. 51590
Drawn By: SVR
Checked By: DWW
Sheet 1 Of 1
Date 04-15-85
Scale 1" = 20'

BRUNING 44.13: 54256