



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

December 18, 1990

James Topmiller
Bohannon-Huston Inc.
7500 Jefferson NE
Albuquerque, New Mexico

RE: ENGINEER CERTIFICATION FOR LEECO @ JOURNAL CENTER (D-17/D3C)
CERTIFICATION STATEMENT DATED DECEMBER 12, 1990

Dear Mr. Topmiller:

Based on the information provided on your December 13, 1990 submittal, Certification for the above referenced site is acceptable.

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

Sincerely,

Bernie J. Montoya
for Fred Aguirre, P.E.
Hydrology Division

FJA:BJM:jc
WP+2041

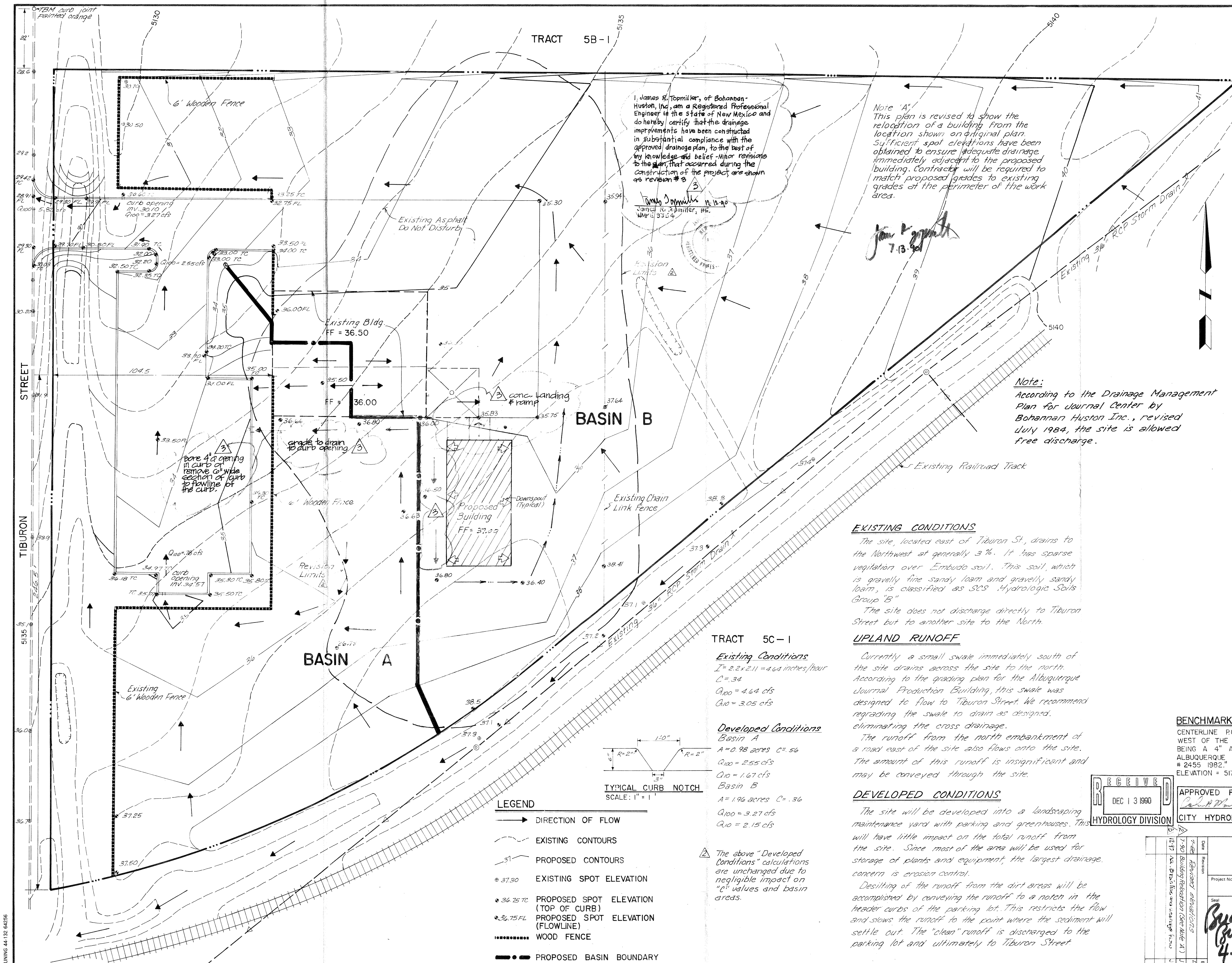
PUBLIC WORKS DEPARTMENT

Walter H. Nickerson, Jr., P.E.
Assistant Director Public Works

ENGINEERING GROUP

Telephone (505) 768-2500

AN EQUAL OPPORTUNITY EMPLOYER



I, James R. Topmiller, of Bohannon-Huston, Inc., am a Registered Professional Engineer in the State of New Mexico and do hereby certify that the drainage improvements have been constructed in substantial compliance with the approved drainage plan, to the best of my knowledge and belief. Minor revisions to the plan, that occurred during the construction of the project, are shown as revision # 3.

James R. Topmiller, P.E.
Bohannon-Huston, Inc.
12-18-80
N.M.C.E. 3354

Note "A"
This plan is revised to show the relocation of a building from the location shown on original plan. Sufficient spot elevations have been obtained to ensure adequate drainage immediately adjacent to the proposed building. Contractor will be required to match proposed grades to existing grades at the perimeter of the work area.

Note:
According to the Drainage Management Plan for Journal Center by Bohannon-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 vegetation 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

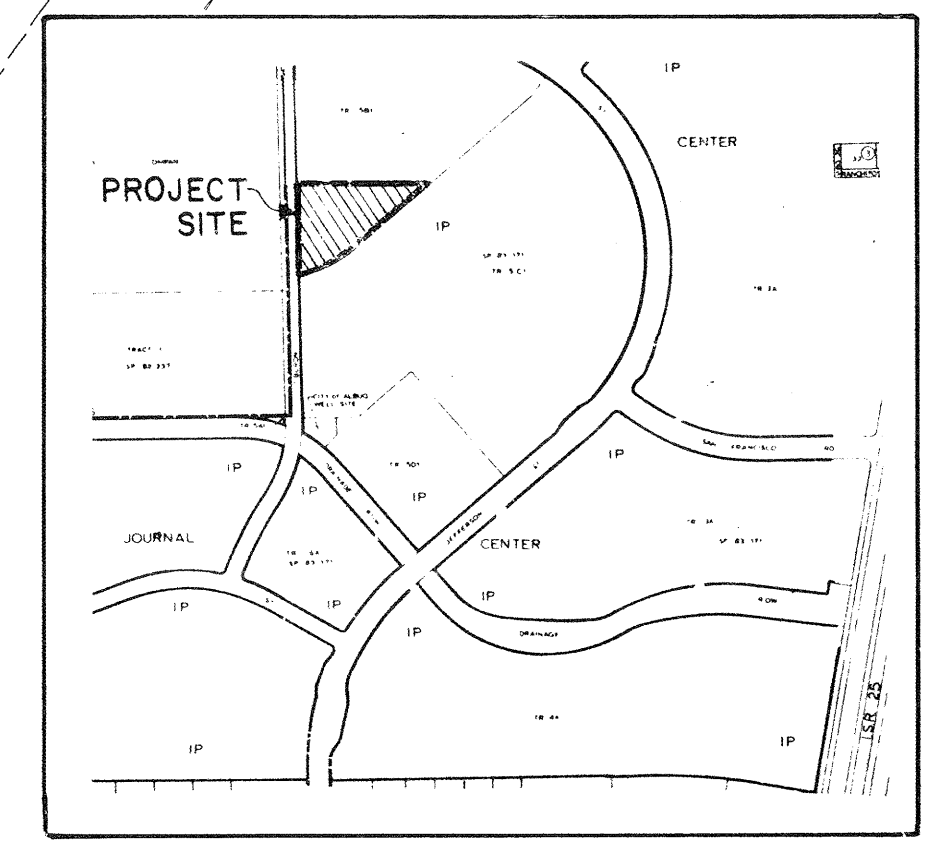
Currently a small swale immediately south of the site drains across the site to the north. According to the grading plan for the Albuquerque Journal Production Building, this swale was designed to flow to Tiburon Street. We recommend regrading the swale to drain as designed, eliminating the cross drainage.

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.

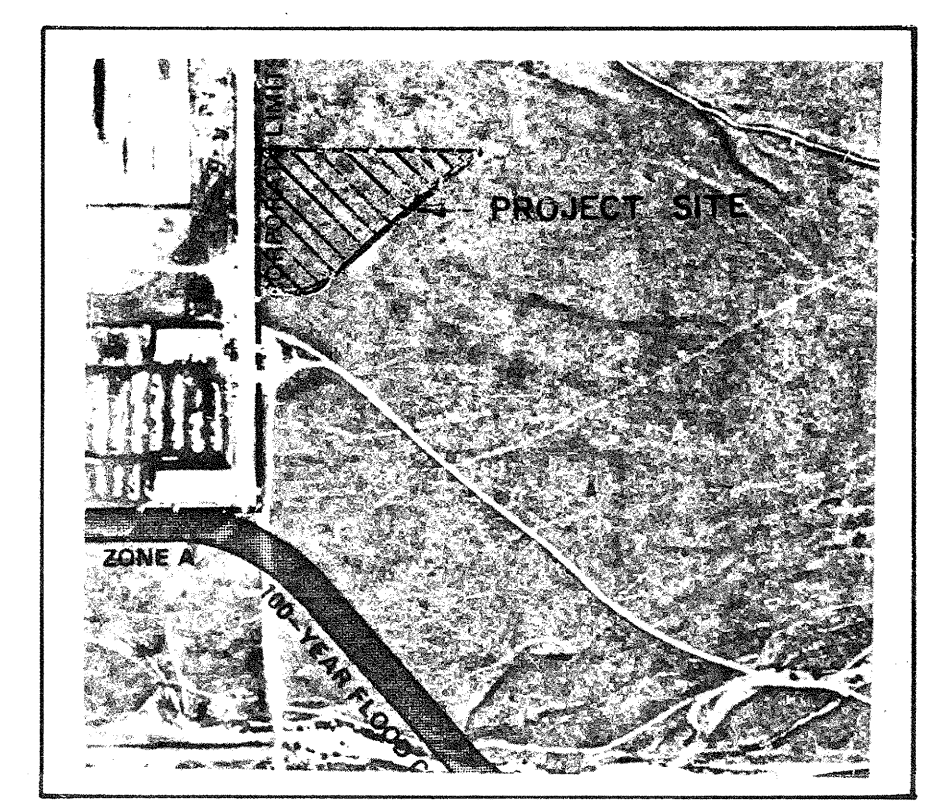
DEVELOPED CONDITIONS

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.

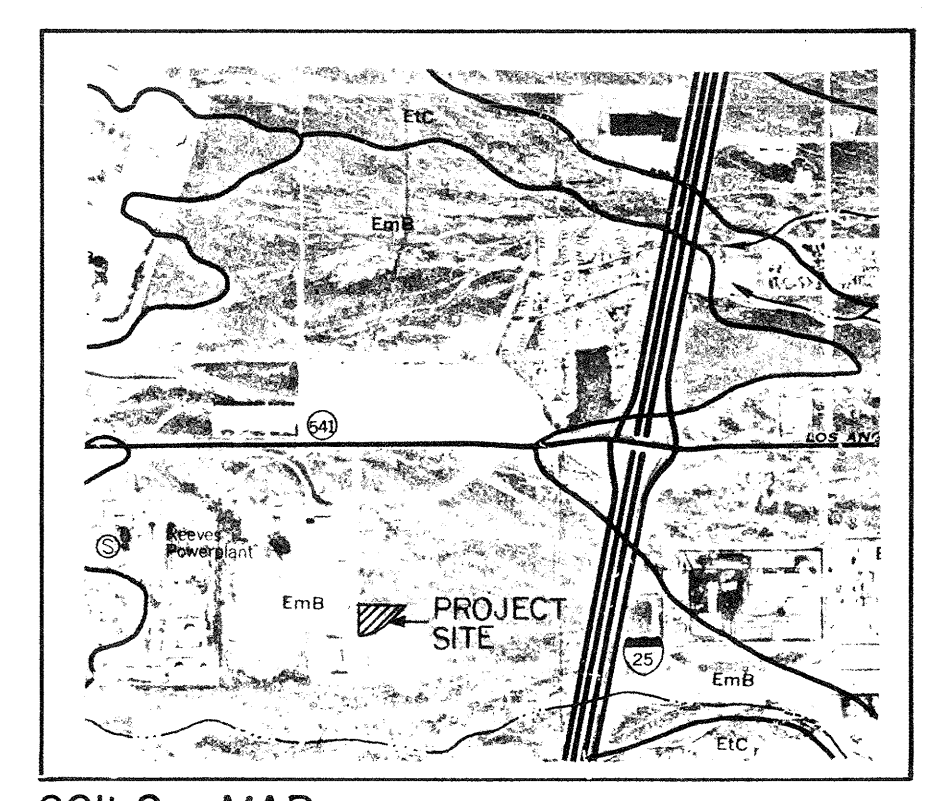
Desilting of the runoff from the dirt areas will be accomplished by conveying the runoff to a notch in the header curbs of the parking lot. This restricts the flow and slows the runoff to the point where the sediment will settle out. The "clean" runoff is discharged to the parking lot and ultimately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



LOCATION MAP
ZONE ATLAS PAGE D-17



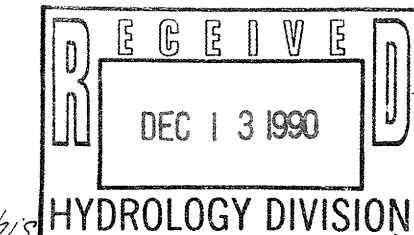
FLOOD INSURANCE MAP
PANEL 9 OF 50



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	
<i>[Signature]</i>	1-17-85
CITY HYDROLOGY	DATE

LEECO
at JOURNAL CENTER

REVISED
DRAINAGE PLAN

Job No. 51590
Drawn By: SVR
Checked By: DWW

Sheet 1 of 1
Date 04-15-85
Scale 1" = 20'

