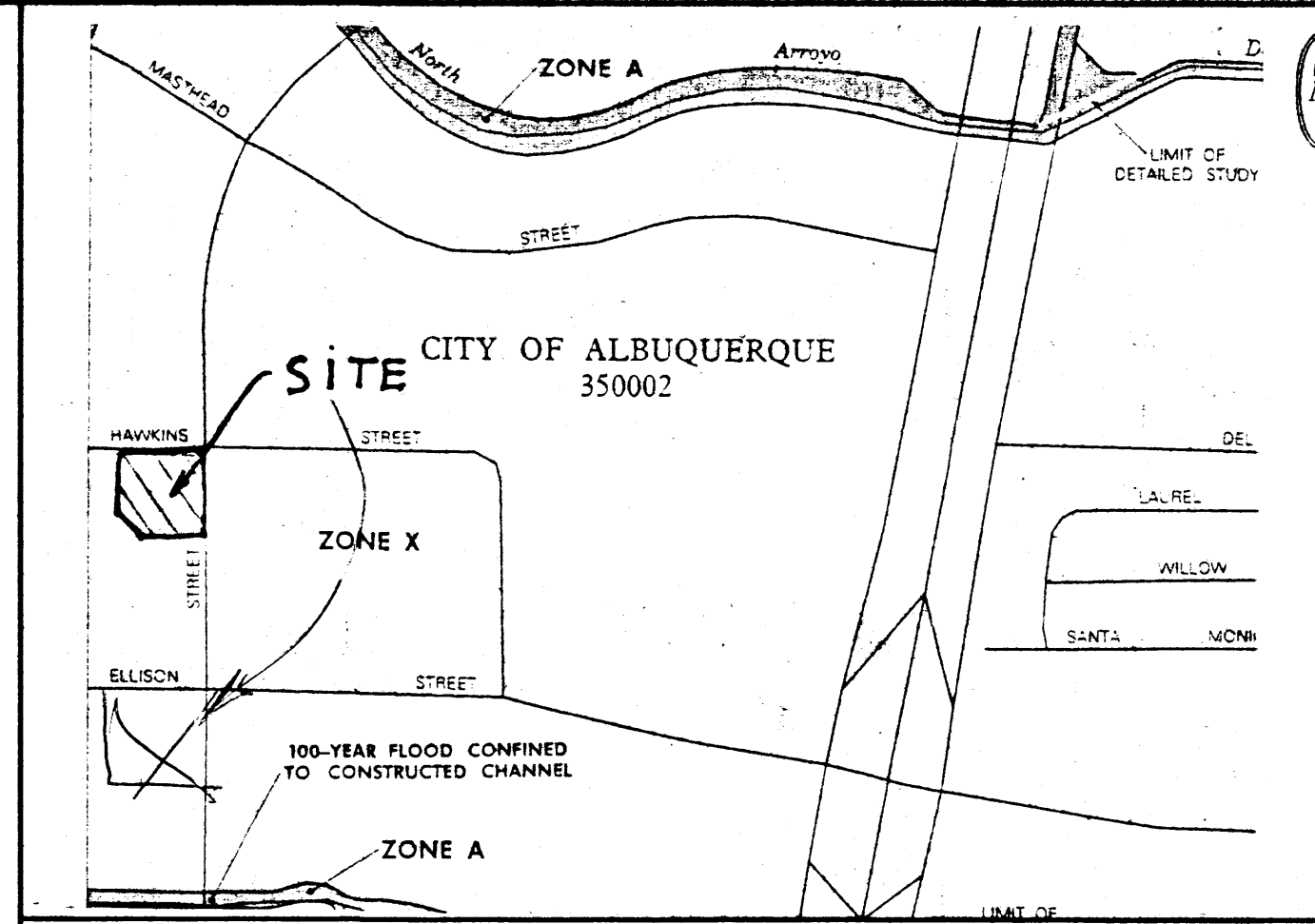


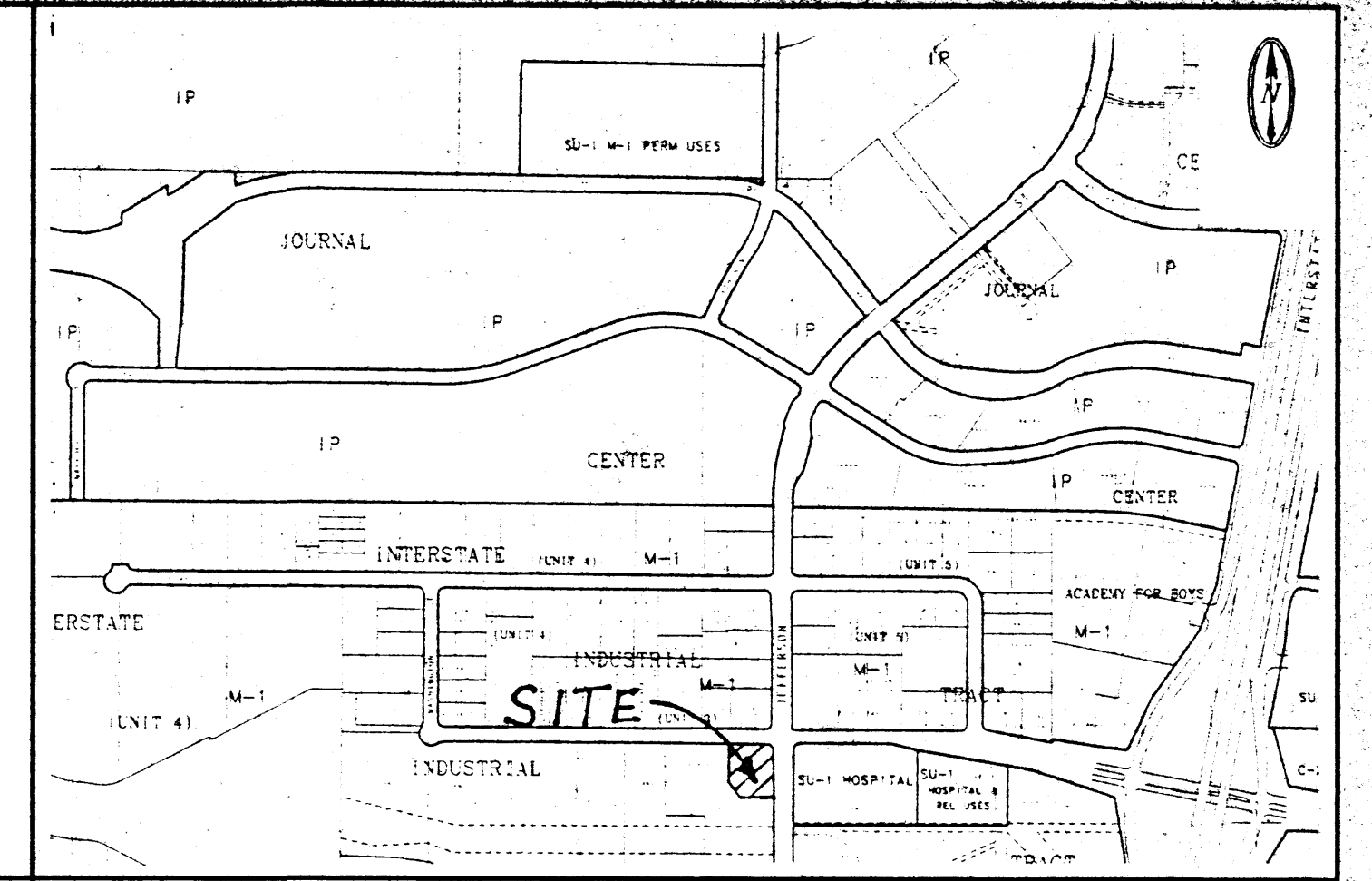
#### DRAINAGE PLAN NOTES

1. BLI recommends that the Owner obtain a Geotechnical Evaluation of the on-site soils prior to foundation/structural design.
2. This Plan recommends positive drainage away from all structures to prohibit ponding of runoff which may cause structural settlement. Future alteration of grades adjacent to the proposed structures is not recommended.
3. Irrigation within 10 feet of any proposed structure is not recommended. Introduction of irrigation water into subsurface soils adjacent to the structure could cause settlement.
4. This Plan is prepared to establish on-site drainage and grading criteria only. BLI assumes no responsibility for subsurface analysis, foundation/structural design, or utility design.
5. Local codes may require all footings to be placed in natural undisturbed soil. If the Contractor plans to place footings on engineered fill, a certification by a registered Professional Engineer will be required. If the contractor wishes BLI to prepare the Certification, we must be notified PRIOR to placement of the fill.
6. BLI recommends that the Owner obtain the services of a Geotechnical Engineer to test and inspect all earthwork aspects of the project.
7. The property boundary shown on this Plan is given for information only to describe the project limits. Property boundary information shown hereon does not constitute a boundary survey. A boundary survey performed by a licensed New Mexico Registered Professional Surveyor is recommended prior to construction.

ACS BRASS CAP  
STAMPED "8-D17A"  
ELEV= 5145.55



FIRM PANEL NUMBER 35001C0137 D 1" = 500'



D - 17 LOCATION MAP 1" = 750'

#### GRADING AND DRAINAGE PLAN

##### SCOPE:

Pursuant to the established Drainage Ordinance for the City of Albuquerque and the Development Process Manual, this Grading and Drainage plan outlines the drainage management criteria for controlling developed runoff from the project site. The property is to be developed as an addition to the First Security Bank, with associated paving, landscaping, utility, grading, and drainage improvements.

##### EXISTING CONDITIONS:

The project site is approximately 1.36 acres in size and is located on the southwest corner of Jefferson Street NE and Ellison Street NE. The site address is 7021 Jefferson Street NE. This site is bounded on the west by an existing office complex, on the south by an existing parking lot, on the north by Ellison Street NE, and on the west by Jefferson Street NE. Presently the site is developed as a bank. The site slopes from east to west at approximately 2 percent. No other site flows impact the site.

As shown by the attached FIRM Panel, this site does not lie within a designated flood hazard zone.

##### PROPOSED CONDITIONS:

As shown by the Plan, the project consists of the addition to the existing bank building, and construction of a drive up Automatic Teller Machine (ATM) and drive up parking lanes. The Plan shows the elevation required to properly grade and construct the required improvements. The direction of drainage flows are given by flow arrows and the project hydrology is tabulated for both existing and developed conditions. This is an infill site and the drainage basin is completely developed.

All drainage flows will be managed on-site by surface improvements: flows will discharge to Ellison Street, Ellison Street NE which conveys flows to an existing rundown located at the corner of Ellison Street NE and Washington Street NE.

##### CALCULATIONS:

The calculations shown hereon define the 100-year/6-hour design storm falling within the project area under existing and developed conditions. The hydrology is per "Section 22.2, Part A, Development Process Manual, Vol. 2," dated January 1993.

HYDROLOGY						
(HYMO)						
Precipitation Zone 2				P360 = 2.35 in		
Basin	Basin	Land Treatment (acre)			Ew	Q100
area (Ac)	A	B	C	D	(in)	(af)
Existing Conditions						
Site	1.36	0.16	0.05	1.15	1.93	0.22
Developed Conditions						
Site	1.36	0.14	0.05	1.17	1.95	0.22

#### LEGEND

- 6001 EXISTING CONTOUR ELEVATION
- 02.5 X EXISTING SPOT ELEVATION
- 01 PROPOSED CONTOUR ELEVATION
- PROPERTY LINE
- 01.5 X PROPOSED SPOT ELEVATION
- ← DIRECTION OF FLOW
- DRAINAGE SWALE
- DRAINAGE BASIN DIVIDE
- ASPHALT PAVEMENT TO BE REMOVED
- NEW ASPHALT PAVEMENT

#### PROPERTY ADDRESS

7021 Jefferson St NE

#### LEGAL DESCRIPTION

Portion of Lot D3,  
Interstate Industrial Tract

#### PROJECT BENCHMARK

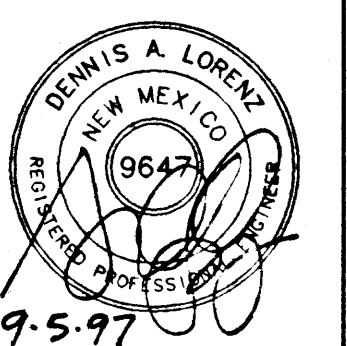
A standard ACS brass tablet, stamped "8-D17A"  
located on Jefferson Street N.E.

#### SURVEY

Topographic and Field Measurements by  
Brasher & Lorenz, Inc.  
Dated August 1997

**FIRST SECURITY BANK**  
JEFFERSON BRANCH ADDITION  
GRADING AND DRAINAGE PLAN  
PROJECT 9739

REVISION DATE



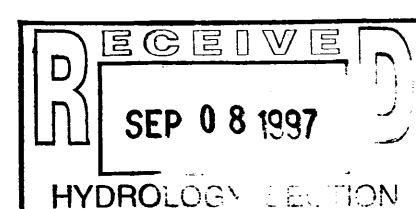
rick bennett  
architect  
1118 Park Avenue SW  
Albuquerque, New Mexico  
(505) 242-1859

DATE

9/3/97

SHEET NUMBER

C-1



**BRASHER & LORENZ, INC.**  
Consulting Engineers  
2201 San Pedro NE Building 1, Suite 210  
Albuquerque, New Mexico 87110  
Ph: 505-888-6088 Fax: 505-888-6188

7042-GD.DWG 1"=20' 9/2/97