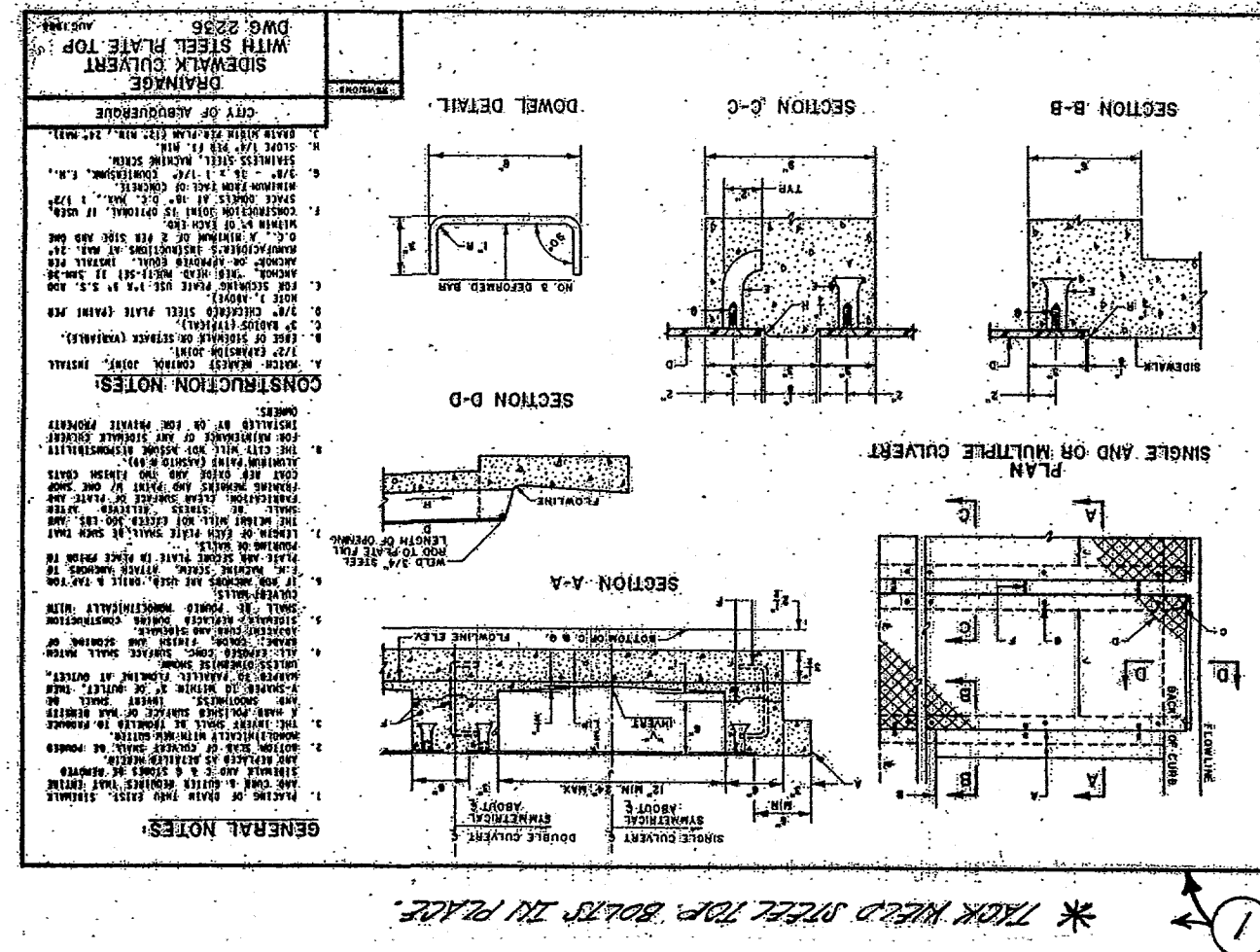
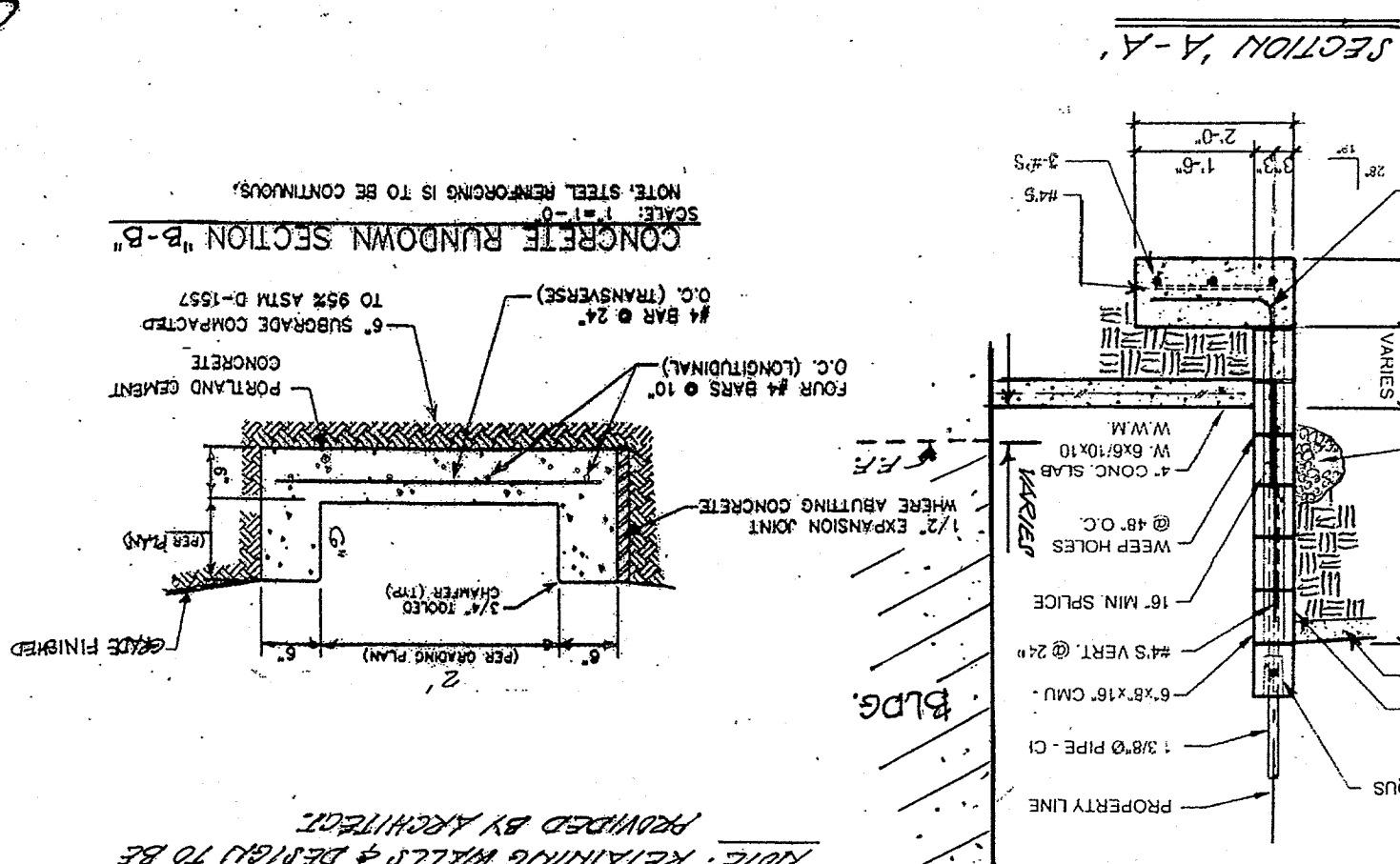


9-9 NC



TOP OF CURB ELEVATION = 72.81.81
 CURB FLOWLINE ELEVATION = 73.33.33
 EXISTING SPOT ELEVATION = 73.33.33
 PROPOSED SPOT ELEVATION = 73.36.36
 PROPOSED CONTOUR ELEVATION = 73.36.36
 PROPOSED CONTOUR ELEVATION = 73.40.40
 PROPOSED FOR EXISTING CONCRETE SURFACE = 73.40.40
 EXISTING FENCE LINE =

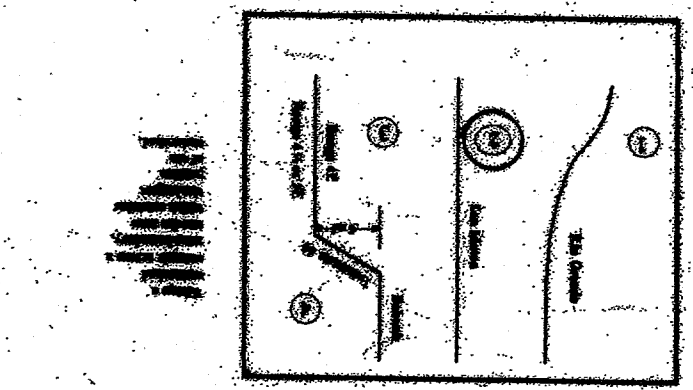
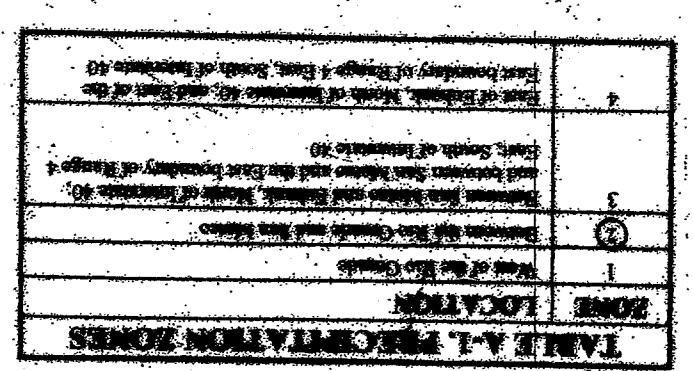
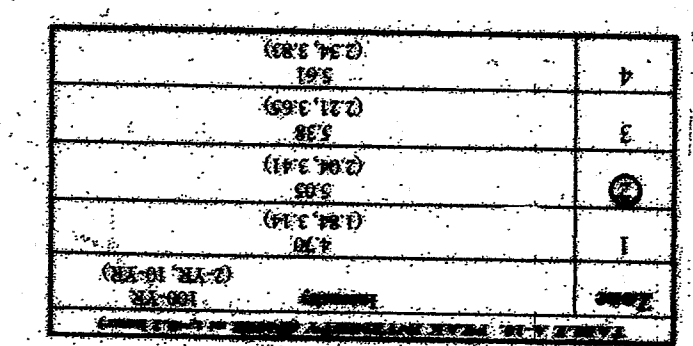
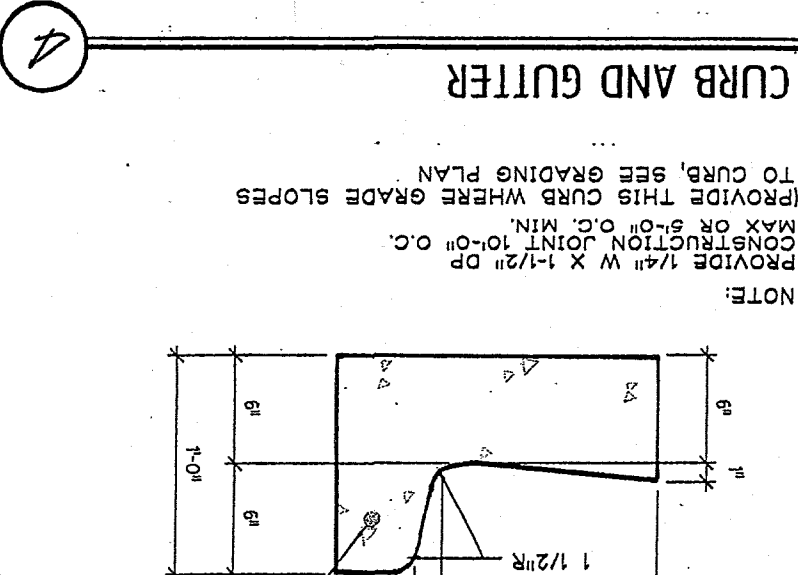
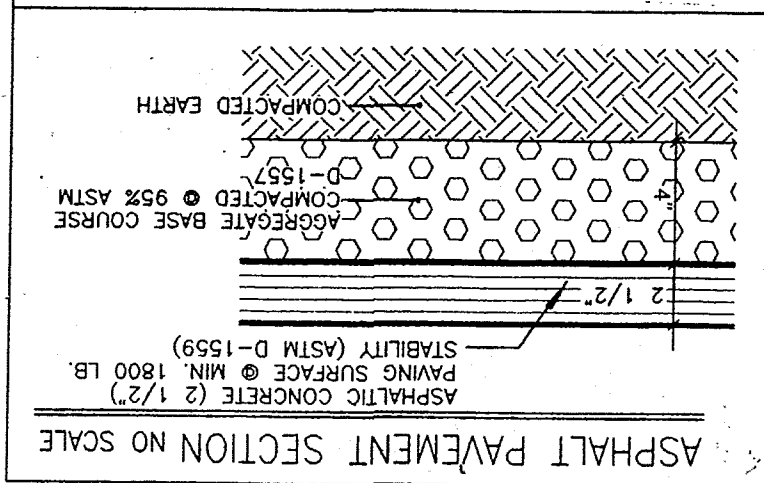
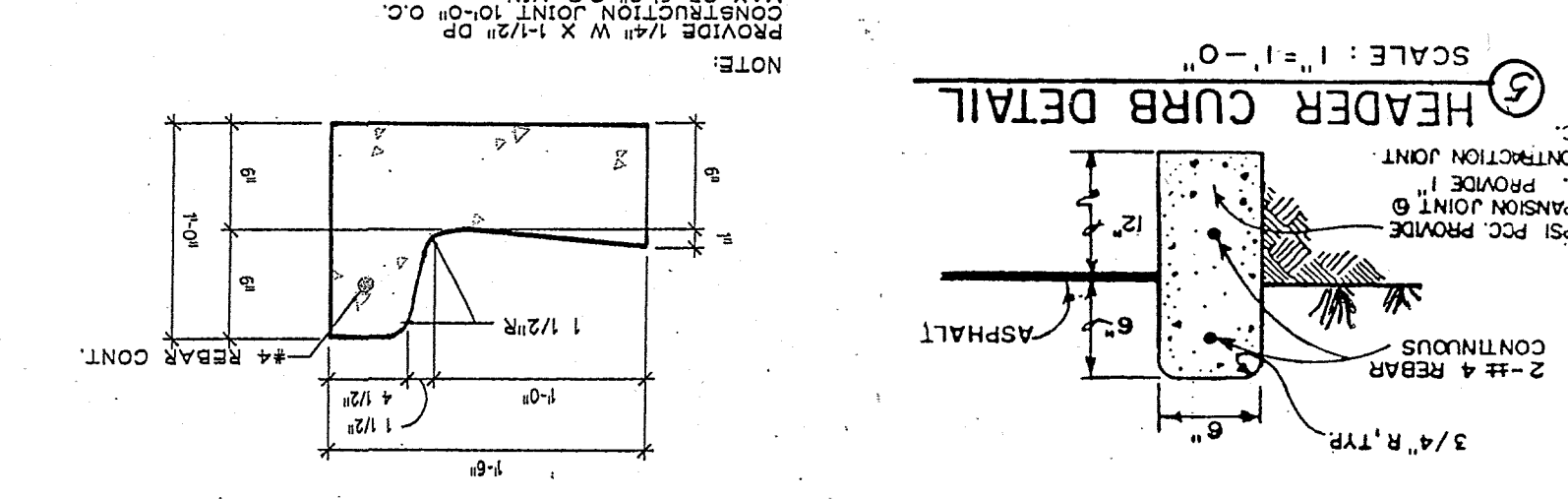
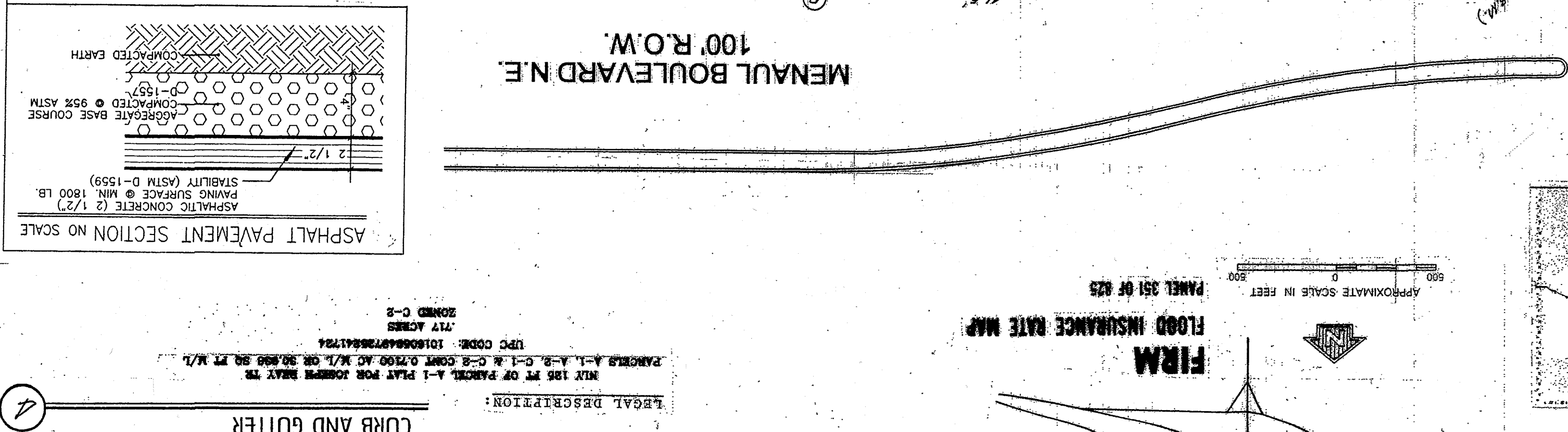
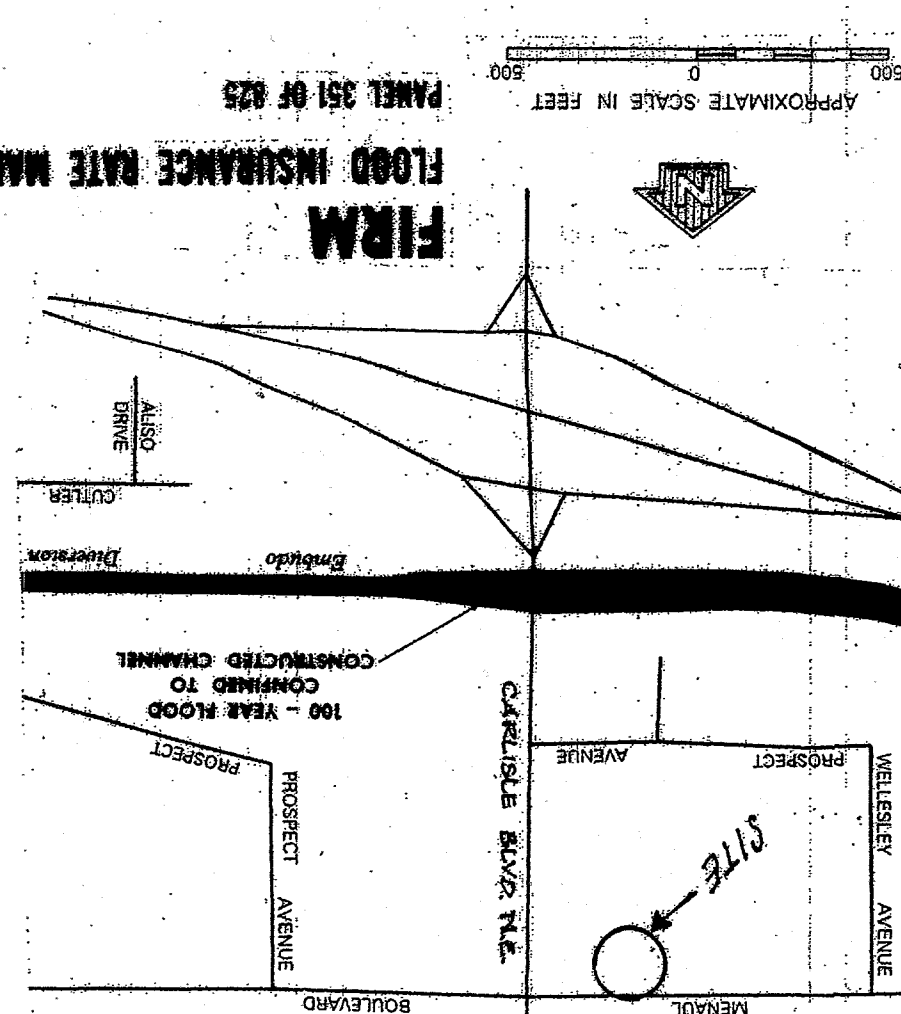
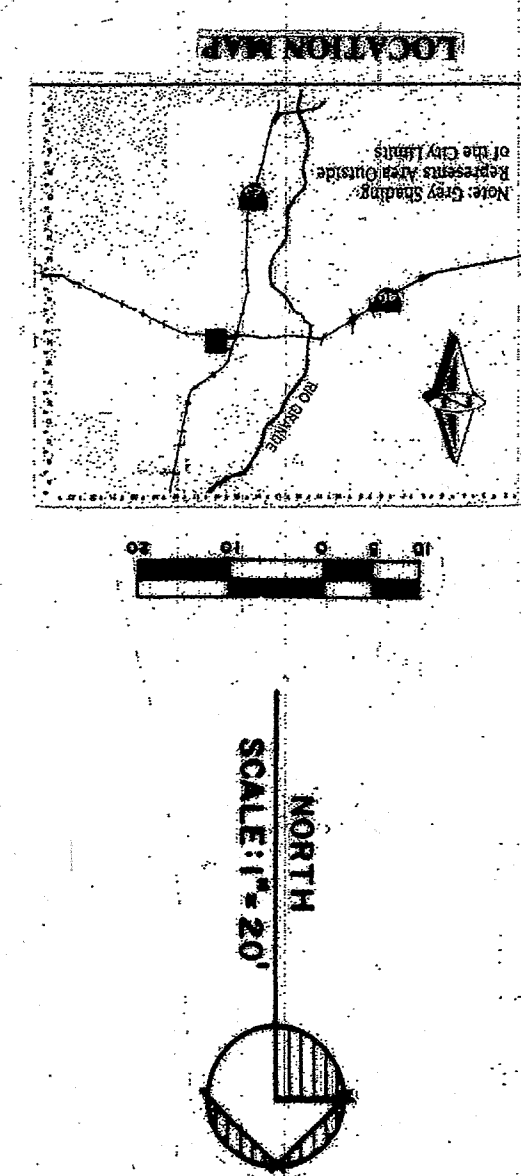
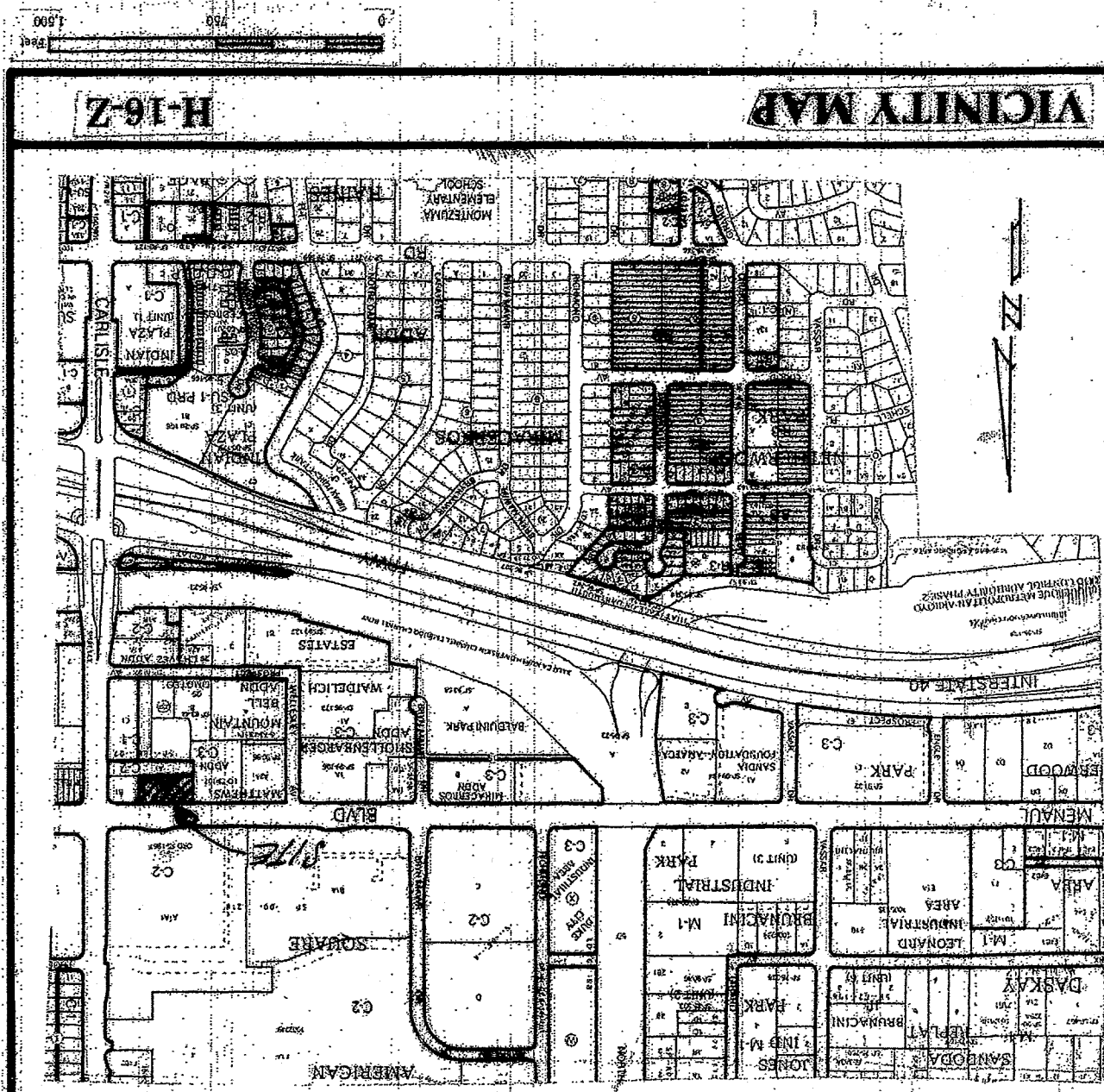
[illegible]

TABLE A-9. PARK DISCHARGE (cfs)		Treatment		Zone	
(2-MR-112)					
A	B	C	D		
1.29	2.69	0.57 (0.00)	0.47 (1.99)	1.56	0.00 (0.00)
0.38	2.38	0.31	0.60 (1.71)	1.70	0.00 (0.00)
0.00	2.00	0.35	0.60 (1.71)	2.02	0.00 (0.00)
0.00	1.87	0.22 (1.19)	0.76 (2.09)	2.35	0.00 (0.00)
0.00	2.00	0.35	0.76 (2.09)	2.75	0.00 (0.00)
0.00	2.00	0.35	0.76 (2.09)	3.25	0.00 (0.00)
0.00	2.00	0.35	0.76 (2.09)	3.75	0.00 (0.00)

1. General Information Name: _____ Address: _____ City: _____ State: _____ Zip: _____	2. Medical History Current condition: _____ Previous conditions: _____ Medications: _____	3. Physical Examination Height: _____ Weight: _____ Temperature: _____ Pulse: _____ Blood pressure: _____	4. Diagnostic Tests X-ray: _____ Lab tests: _____ Imaging: _____	5. Treatment Plan Medications: _____ Therapies: _____ Surgery: _____	6. Prognosis Expected outcome: _____ Risk factors: _____ Follow-up: _____
7. Signature and Date Physician: _____ Date: _____ Nurse: _____ Date: _____					

As shown on the vicinity map between the subject site located near the Southwest corner of Memorial Blvd. N.E. and Charlie Blvd. N.E. in the City of Albuquerque, Bernalillo County, New Mexico, (Zone Atlas Map "H-16-2"),

The subject site (1.) is presently an undeveloped vacant lot; the proposed plan as shown

contains 1) to construct a retail facility and associated improvements; 2) does a continuous flow to adjacent properties; 3) does not accept flows from adjacent properties; 4) is not located within a designated floodplain; (reference to E.M.A. Form number 331 of 829), 5) is allowed free discharge of developed flows into the adjacent street right-of-way.

Drainage Calculations:

City of Albuquerque, Department of Engineering, Planning and Design, Volume 2, Design Criteria for the City of Albuquerque, Bernalillo County, New Mexico.

Site Area: 0.71 acres
Precipitation Zone: Two (2)
Peak Intensity: 1.1 in./hr. at 10 = Twelve (12) Minutes, (100-Yr. / 6 Hr.) = 5.05

PEAK DISCHARGE	EXCESS PRECIPITATION
TREATMENT A 0.53 in. 1.56 cfs/ac	TREATMENT B 0.78 in. 2.38 cfs/ac

TREATMENT C	TREATMENT D
1.13 in.	2.12 in.
3.14 cfs/ac.	4.70 cfs/ac.

AREA	TREATMENT A	TREATMENT B
AREA	0.00 ac.	0.00 ac.
AREA	0.00 ac.	0.00 ac.

TREATMENT C	TREATMENT D	EXISTING EXCESS PRECIPITATION
0.03 ac.	0.08 ac.	
0.07 ac.	0.64 ac.	

$$\text{Weighted } B = (0.53) \times (0.00) + (0.78) \times (0.00) + (1.13) \times (0.63) + (2.12) \times (0.12) = 1.24 \text{ lb}$$

EXISTING PEAK DISCHARGE:

PROPOSED EXCESS PRECIPITATION:

$$V_{100-360} = (2.03) \times (0.71) / 12.0 = 0.12011 \text{ ac-ft} = 5,232.0 \text{ cf}$$
$$V_{100-10\text{day}} = (0.12) + (0.71) \times (3.95 - 2.35) / 12 = 0.214667 \text{ ac-ft} =$$
$$Q100 = (1.56) \times (0.00) + (2.28) \times (0.00) + (3.14) \times (0.07) + (4.70) \times (0.00)$$
$$V-100 = 5,232.0 - 3,196.0 = 2,036.0 \text{ c.f.}$$