

DRAINAGE PLAN

The following items concerning The Radiator Store Garage Addition Drainage Plan are contained hereon:

1. Vicinity Map

2. Grading Plan Calculations

Existing and proposed improvements are located on the northeast corner of the intersection of Eubank Boulevard, N.E., and Baldwin Avenue, N.E. (see Vicinity Map). Existing improvements consist of a single-story building and a paved parking area. The proposed Garage Addition will be situated near the southeastern property corner.

As shown by Plate H-21 of the Albuquerque Master Drainage Study, the site does not lie within a designated Flood Hazard Zone. Localized flooding which occurs adjacent to the site is limited to the public right-of-way (Eubank Boulevard and Baldwin Avenue).

Since the proposed Garage Addition will be located within an existing paved parking area, an existing impervious surface will be replaced with an equally impervious surface. On this basis and with the approval of the City of Albuquerque City/County Floodplain Administrator (12/15/86), any stormwater runoff which originates on-site will be conveyed without detention onto the public right-of-way. Where feasible, existing on-site and off-site drainage patterns will be maintained or will be modified in accordance with this Drainage Plan.

The Grading Plan shows:

- 1. Existing and proposed grades indicated by elevation contours at 1'-0" intervals and by spot elevations.
- Continuity between existing and proposed grades.
- 3. The limit and character of the existing and proposed improvements.

As shown by this plan, the proposed improvements consist of construction of a single-story garage and implementation of minor parking area improvements. Stormwater runoff from the area surrounding the new structure will be conveyed onto the public right-of-way by sheetflow. Any off-site runoff which intersects the east face of the proposed structure will be safely conveyed onto Baldwin Avenue, N.E.

The calculations which appear hereon analyze the existing and improved condition for the 100-year, 6-hour rainfall event. The Rational Method has been used in accordance with the City of Albuquerque Development Process Manual, Volume II. As shown by these calculations, the proposed improvements will not result in an increase in peak runoff.

CONSTRUCTION NOTES:

- 1. Prior to any excavation, contractor must establish the exact location of all on-site utilities.
- Prior to construction, the contractor shall excavate and verify the horizontal and vertical locations of all potential obstructions. Should a conflict exist, the contractor shall notify the owner so that the conflict may be resolved with a minimum amount
- All work on this project shall be performed in accordance with applicable federal, state and local laws, rules and regulations concerning construction, safety and health.

EROSION CONTROL MEASURES:

- 1. The contractor shall implement measures to prevent excavated materials and construction debris from being washed or blown onto the public right-of-way or private property.
- The contractor shall promptly remove any excavated materials or construction debris which have washed or blown onto the public right-of-way or private property from the construction site.

THE RADIATOR STORE

1100 EUBANK N.E.

DESIGNED BY: J. HEWITT, PE DRAWN BY: A. PAQUIN APPROVED BY: J. HEWITT, PE

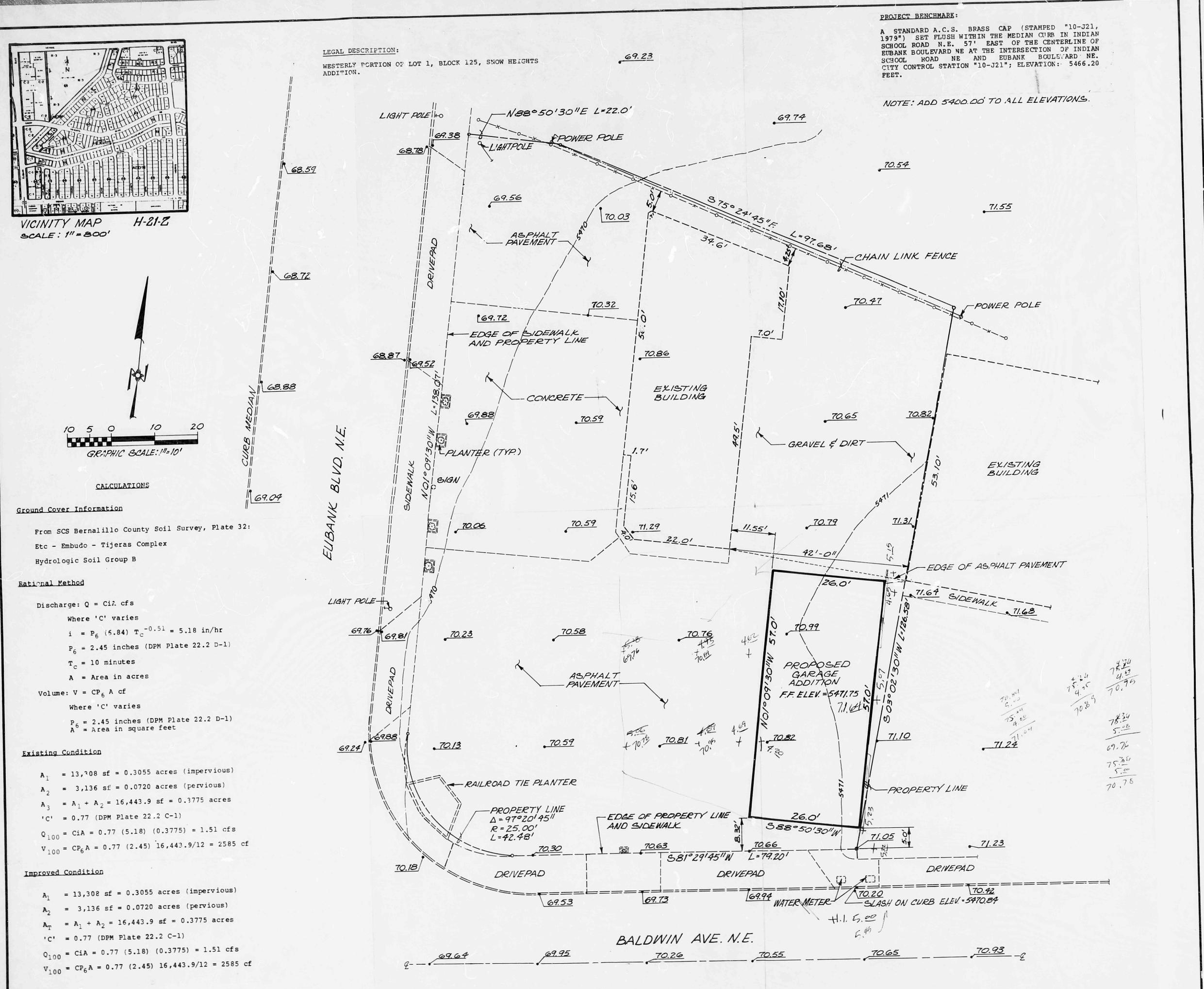




GRADING AND DRAINAGE PLAN

DATE: 1-08-86

SCALE: I" = 10'-0" SHEET I OF I



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- 3. The limit and character of the existing and proposed
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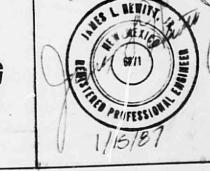
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1100 EUBANK N.E.

DESIGNED BY: J. HEWITT, PE DRAWN BY: A. PAQUIN APPROVED BY: J. HEWITT, PE



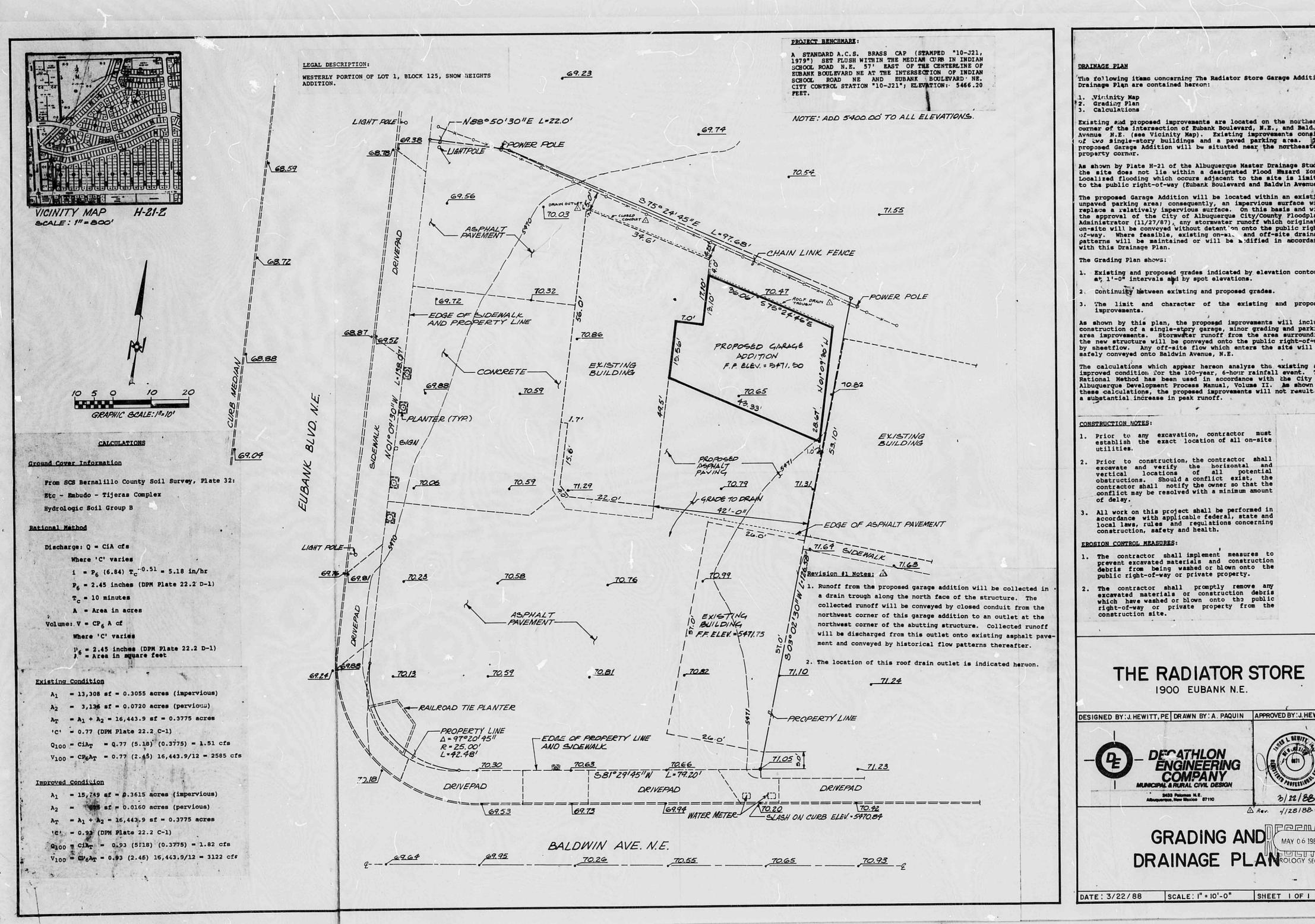


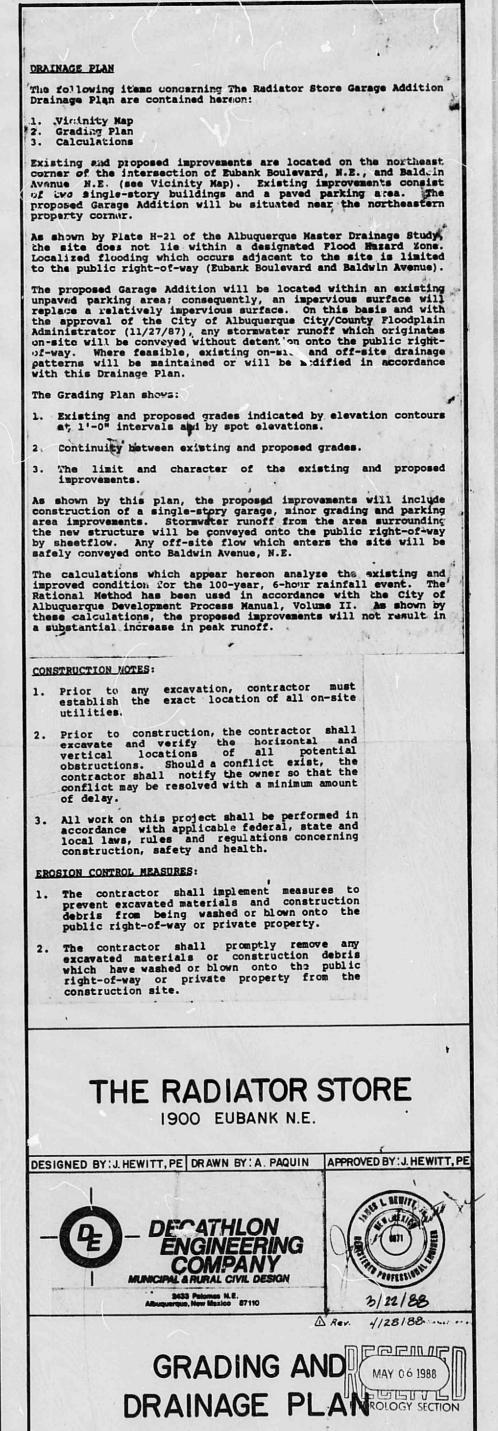
GRADING AND DRAINAGE PLANOLOGY SECTION

DATE: 1-08-86

SCALE: 1" = 10'-0"

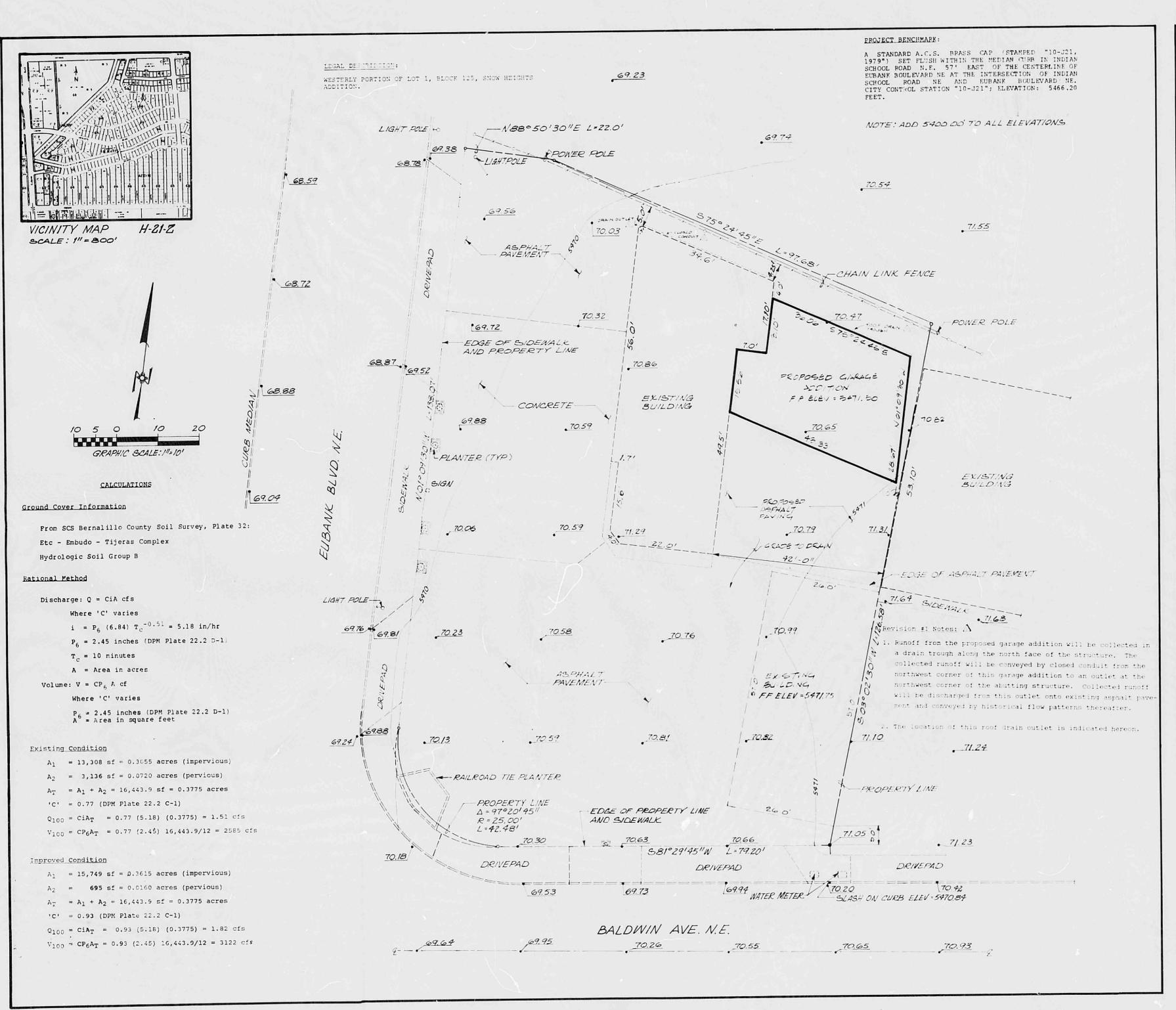
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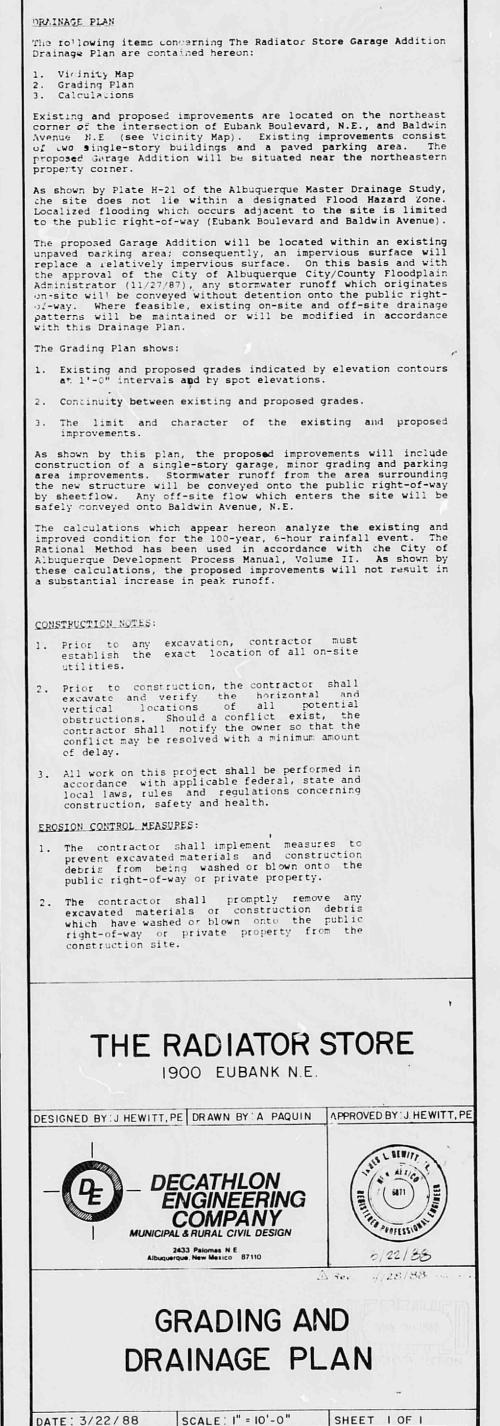


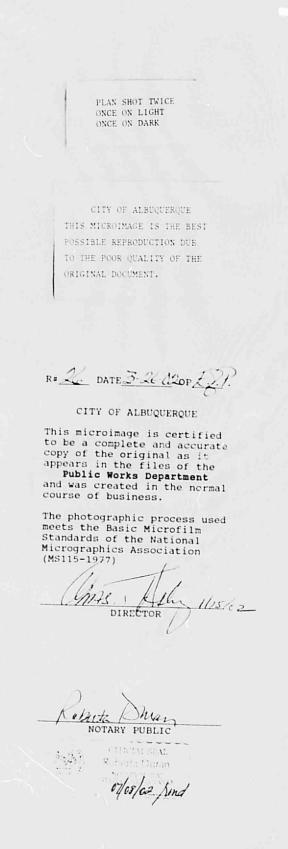


R# 26 DATE 3-26-020P ES.P. CITY OF ALBUQUERQUE This microimage is certified to be a complete and accurate copy of the original as it appears in the files of the Public Works Department and was created in the normal course of business. course of business. The photographic process used meets the Basic Microfilm Standards of the National Micrographics Association (MS115-1977) PLAN SHOT TWICE ONCE ON LIGHT ONCE ON DARK CITY OF ALBUQUERQUE THIS MICROIMAGE IS THE BEST POSSIBLE REPRODUCTION DUB TO THE POOR QUALITY OF THE PLANS/PLATS ON FILE FILE DESC: H21/032 # PLANS/PLATS

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