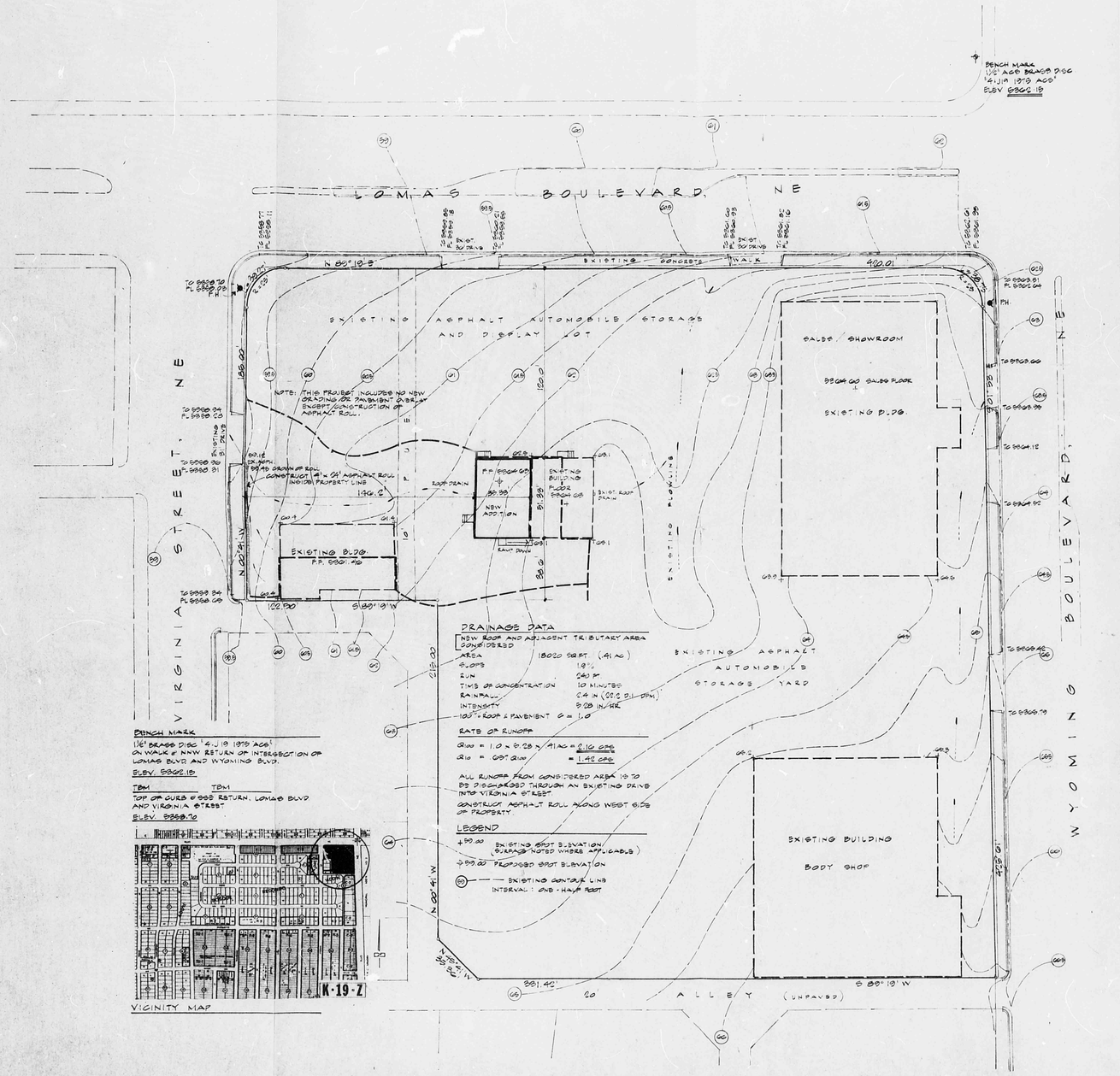
HYDROLOGY K19/D52 1 PLAN



DRAINAGE DATA

NEW ROOF AND ADJACENT TRIBUTARY AREA CONSIDERED

AREA	18020 SQ FT (.41 AC)
SLOPE	1.9%
RUN	240 FT
TIME OF CONCENTRATION	10 MINUTES
RAINFALL	0.4 IN (22.0 P.I. 10H)
INTENSITY	2.28 IN/HR
100% ROOF & PAVEMENT	C = 1.0

RATE OF RUNOFF

$Q_{100} = 1.0 \times 2.28 \times .41\,AC = 2.10\ CFS$

$Q_{10} = 0.67\ Q_{100} = 1.42\ CFS$

ALL RUNOFF FROM CONSIDERED AREA IS TO BE DISCHARGED THROUGH AN EXISTING DRAIN INTO VIRGINIA STREET

CONSTRUCT ASPHALT ROLL ALONG WEST SIDE OF PROPERTY

LEGEND

- 490.00 EXISTING GRAT ELEVATION (AVERAGE NOTED WHERE APPLICABLE)
- 490.00 PROPOSED GRAT ELEVATION
- 50 EXISTING CONTOUR LINE INTERVAL: ONE-HALF FOOT

DESIGN DATA

BUILDING CONSTRUCTION TYPE	V-N
OCCUPANCY GROUP	B-2
SEISMIC ZONE	II
ROOF L.L. + D.L.	30 PSF
WIND LOAD-HORIZONTAL	14.4 PSF
ZONING	C-2
OCCUPANT LOAD	12

FIRE PROTECTION:
HAND-HELD EXTINGUISHERS

FLOOR AREA OF ADDITION	1812 SQ FT.
FLOOR AREA OF EXISTING BLDG.	2053 SQ FT.

SCALE 1" = 30'

SITE & DRAINAGE PLAN

5500 LOMAS BOULEVARD, NE
LOT - 30
BLOCK - 'E'
REPLAT OF BLOCKS D, H, M AND R
BOSQUE REDONDO ADDITION
ALBUQUERQUE, NEW MEXICO

LLOYD MCKEE MOTORS

PREPARED BY
ENCHANTMENT ENGINEERING
7500 MARBLE AVENUE NE, SUITE 10
ALBUQUERQUE, NEW MEXICO 87110

DECEMBER 13, 1984

RECEIVED
DEC 14 1984
HYDROLOGY SECTION

CITY OF ALBUQUERQUE
THIS MICROIMAGE IS THE BEST POSSIBLE REPRODUCTION DUE TO THE POOR QUALITY OF THE ORIGINAL DOCUMENT

D 24 C 20 B 16 A 12 CITY OF ALBUQUERQUE C D

K19/D52

1 Plan

D 24 C 20 B 16 A 12 CITY OF ALBUQUERQUE C D