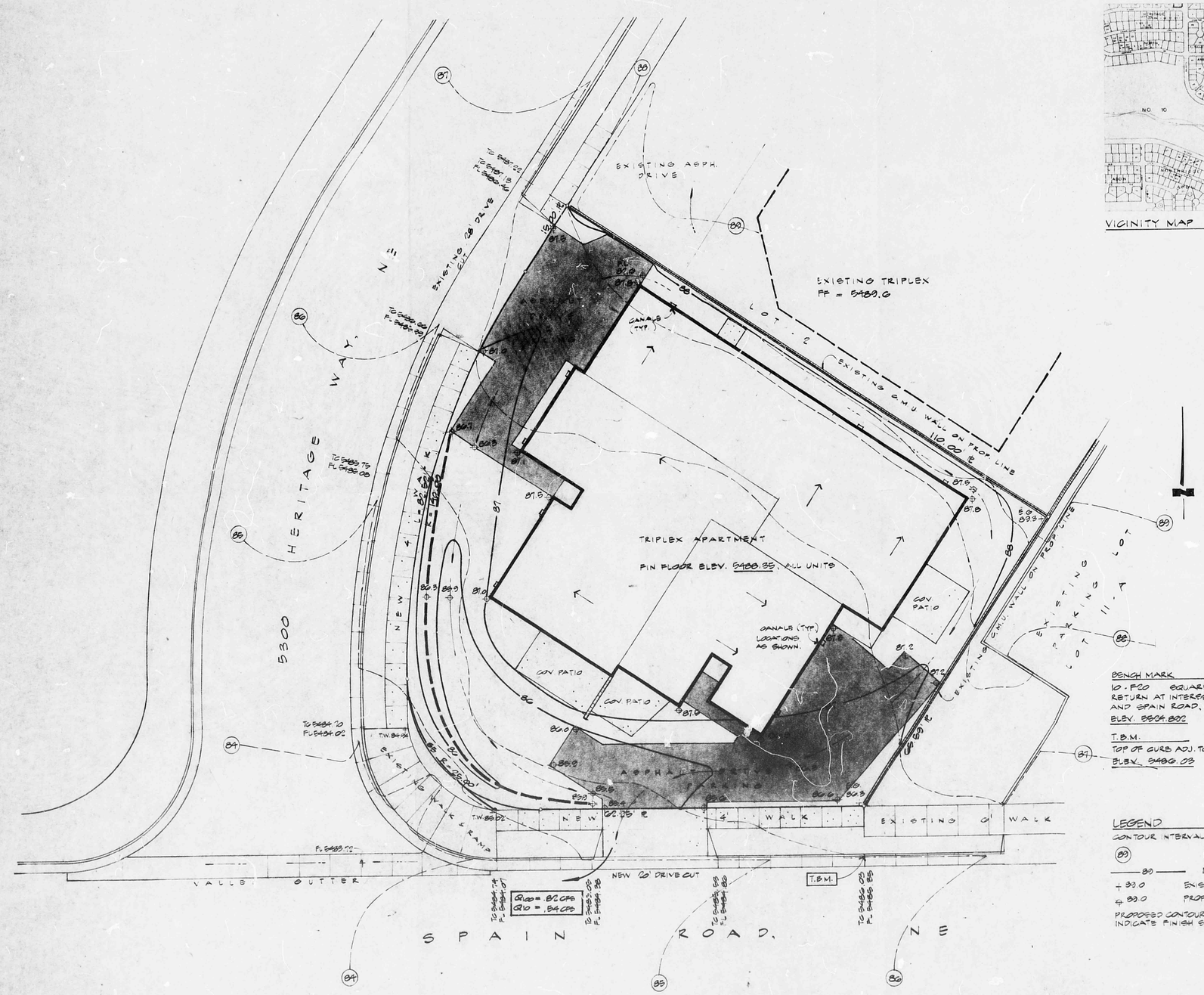
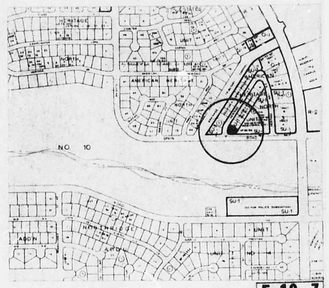
HYDROLOGY F19/D28 SPERENDEO TRIPLEX

F19/D28

SPERENDEO TRIPLEX

1 PLAN





VICINITY MAP F-19-Z

CALCULATIONS

AREA OF SITE	9406 SQ FT. (.216 AC.)
SLOPE	3%
SOILS GROUP	D
DEVELOPED COVERAGE	78%
MODIFIED C-FACTOR	.71 (PL 22.2.C.1)
100 YR. RAINFALL	2.9 IN (PL 22.2.D.1)
TIME OF CONCENTRATION	10 MIN.
INTENSITY	3.28 IN/HR (PL 22.2.D.2)

ON-SITE RATE OF RUNOFF

Q_{100} = .71 x 3.28 x .22 = .82 CFS

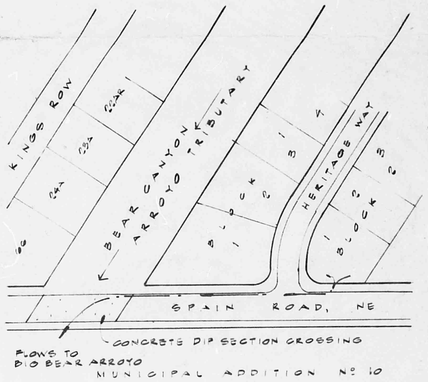
Q_{10} = .667 Q_{100} = .54 CFS

OFF-SITE RUNOFF

NONE. LOT 2 (NORTH SIDE) IS GRADED TO DISCHARGE THROUGH DRIVE DRAINS TO SPAIN ROAD (EAST SIDE) C.M.U. WALLS ARE IN PLACE ON NORTH AND EAST PROPERTY LINES.

STORMWATER DISPOSAL

THIS IS AN INFILL SITE. RUNOFF IS TO BE DISCHARGED FREELY TO SPAIN ROAD, NE AND WILL FLOW TO BIG BEAR ARROYO AS SHOWN BELOW:



BENCH MARK

10-F20 SQUARE PAINTED ON W&W CURB RETURN AT INTERSECTION OF CAMINO DEL SOL AND SPAIN ROAD, NE

ELEV. 5504.802

T.B.M.

TOP OF CURB ADJ. TO SE PROPERTY CORNER

ELEV. 5486.03

LEGEND

CONTOUR INTERVAL - ONE FOOT

(80) EXISTING CONTOUR

—80— PROPOSED CONTOUR

+ 80.0 EXISTING SPOT ELEVATION

⊕ 80.0 PROPOSED SPOT ELEVATION

PROPOSED CONTOURS AND ELEVATIONS INDICATE FINISH SURFACES

PLAN SCALE 1" = 20'

DRAINAGE PLAN

5300 HERITAGE WAY, NE
LOT - 1
BLOCK - 2
AMERICAN HERITAGE NORTH UNIT - 3

SPERENDEO TRIPLEX
CROUSE CONSTRUCTION CO.

PREPARED BY:
ENCHANTMENT ENGINEERING
7800 MARBLE AVENUE, NE
ALBUQUERQUE, NM
294-8850

NOVEMBER 6, 1984

RECEIVED NOV 07 1984 HYDROLOGY SECTION

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