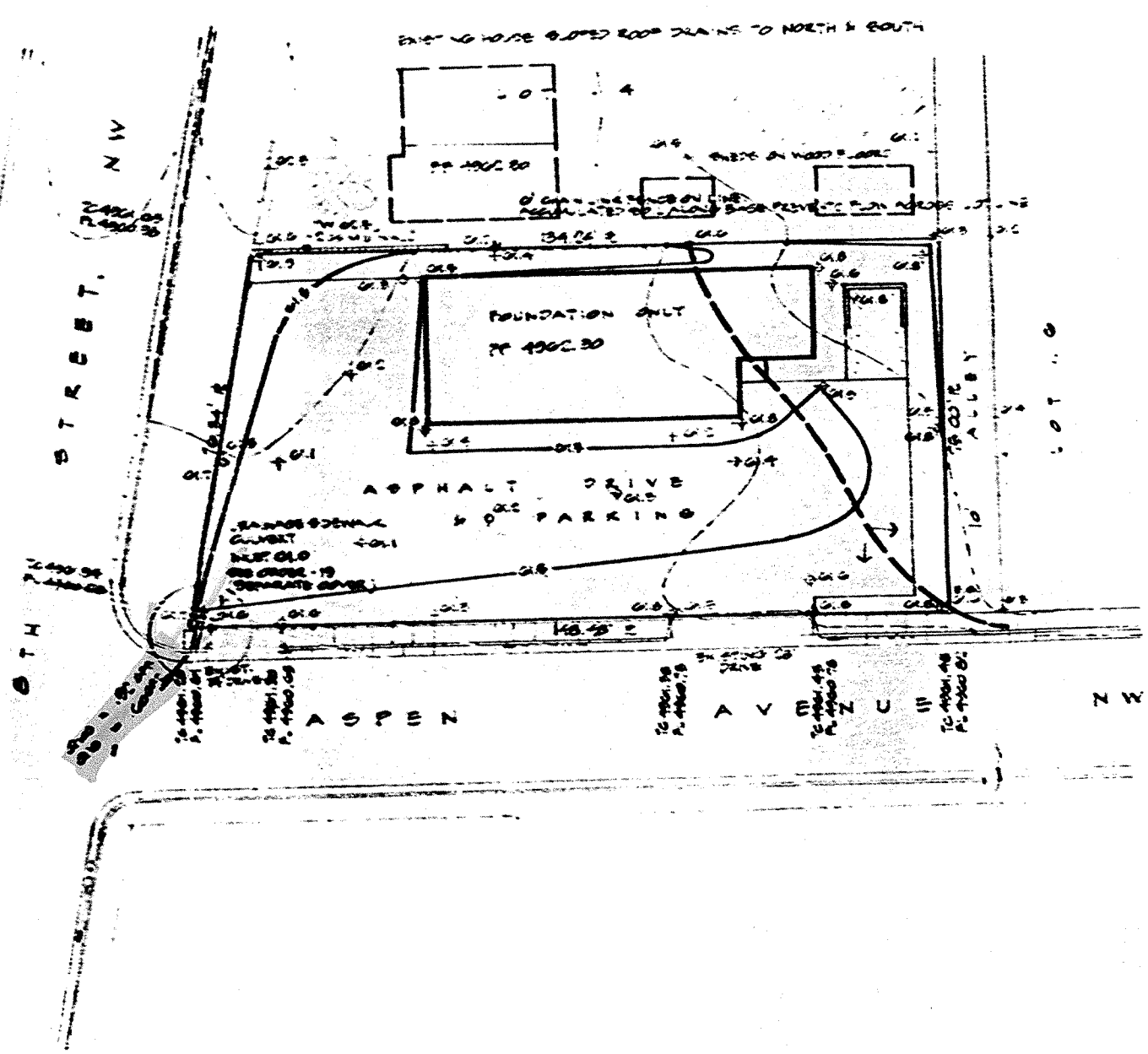


JUL 14 1984



BENCH MARK
10.14 SQUARE IS SHOWN ON TOP OF
CONCRETE CURB AT NW CORNER
OF INTERSECTION OF 11th STREET AND
ASPEN AVENUE.
ELEV. 4228.104
- 8.11
TOP OF CURB ON ASPEN AVENUE ADJACENT
TO 88 PROPERTY CORNER
ELEV. 4261.45

LEGEND
CONT. INTERVAL - ONE HALF FOOT
--- EXISTING CONTOUR
--- PROPOSED CONTOUR
+ 0.0 EXISTING GROUND ELEVATION
+ 0.0 PROPOSED GROUND ELEVATION
PROPOSED CONTOURS AND ELEVATIONS
INDICATE FINISH SURFACES
CONTRACTOR SHALL DETERMINE SUBGRADES
--- DIVISION OF PLANS

PLAN SCALE 1" = 20'

CALCULATIONS

AREA OF SITE	10000 SQ FT (0.4 AC)
SLOPE	2.0%
CO. COEFF.	0.1
DEVELOPED COVERAGE	0.05
MODIFIED COEFF.	0.05
100-YR. RAINFALL	2.0 IN. (P. 0.001)
TIME OF CONCENTRATION	10 MIN.
UNITARY	4.80 IN. (P. 0.001)

ON-SITE RATE OF RUNOFF
 $Q_{100} = 1.79 \times 4.80 \times 0.05 = 0.43$
 $Q_{10} = 0.07 Q_{100} = 0.03$

PROPOSED RE-SURFACING WILL BE THROUGH A NEW
DRAIN OUTLET AT SOUTHWEST CORNER OF SITE
(SEPARATE COVER ORDERED)
OFF-SITE CONDITIONS

AREA IS RESIDENTIAL (COMMERCIAL) AND
LOCAL DRAINAGE PATTERNS ARE INDISTINCT.
LOT ADJACENT TO NORTH SIDE DOES NOT CONTRIBUTE
RUNOFF TO SITE. BEST INFORMATION INDICATES
FRONT AND BACKYARD ACCUMULATION AREAS
SHOWN HATCHED ON PLAN.

EXISTING SITE CONDITIONS
OFF-SITE RUNOFF AND GENERATION ON-SITE IS
ACCUMULATED AT WEST-CENTRAL PART OF LOT

DISCUSSION
SITE IS IN FIRM ZONE D. DISCHARGE DOES
NOT CONTRIBUTE TO ANY 100-YR. FLOOD ZONE
 $Q_{100} = 0.00$
 $Q_{10} = 0.00$

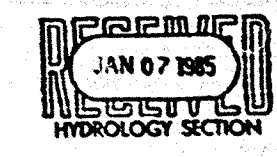
NOTE TO CONTRACTOR
CONTRACTOR IS RESPONSIBLE FOR SURFACE
CONTR. AND ADJUSTMENT OF SURFACE TO
ADJUST TO STREET RIGHT-OF-WAY AND
PRIVATE PROPERTY.

DRAINAGE PLAN
80: ASPEN AVENUE, NW
LOT 1A (SEPARATE LOT) IS PENDING
PREVIOUS ADDITION
ALBUQUERQUE, NEW MEX CO

FOR
THOMAS ELECTRIC

PREPARED BY:
ENCHANTMENT ENGINEERING
1830 MARSH AVENUE, NE
ALBUQUERQUE, NM, 87105
505-265-1104

DECEMBER 10, 1984



CITY OF ALBUQUERQUE
THIS MICROFILM IS THE BEST
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ORIGINAL DOCUMENT