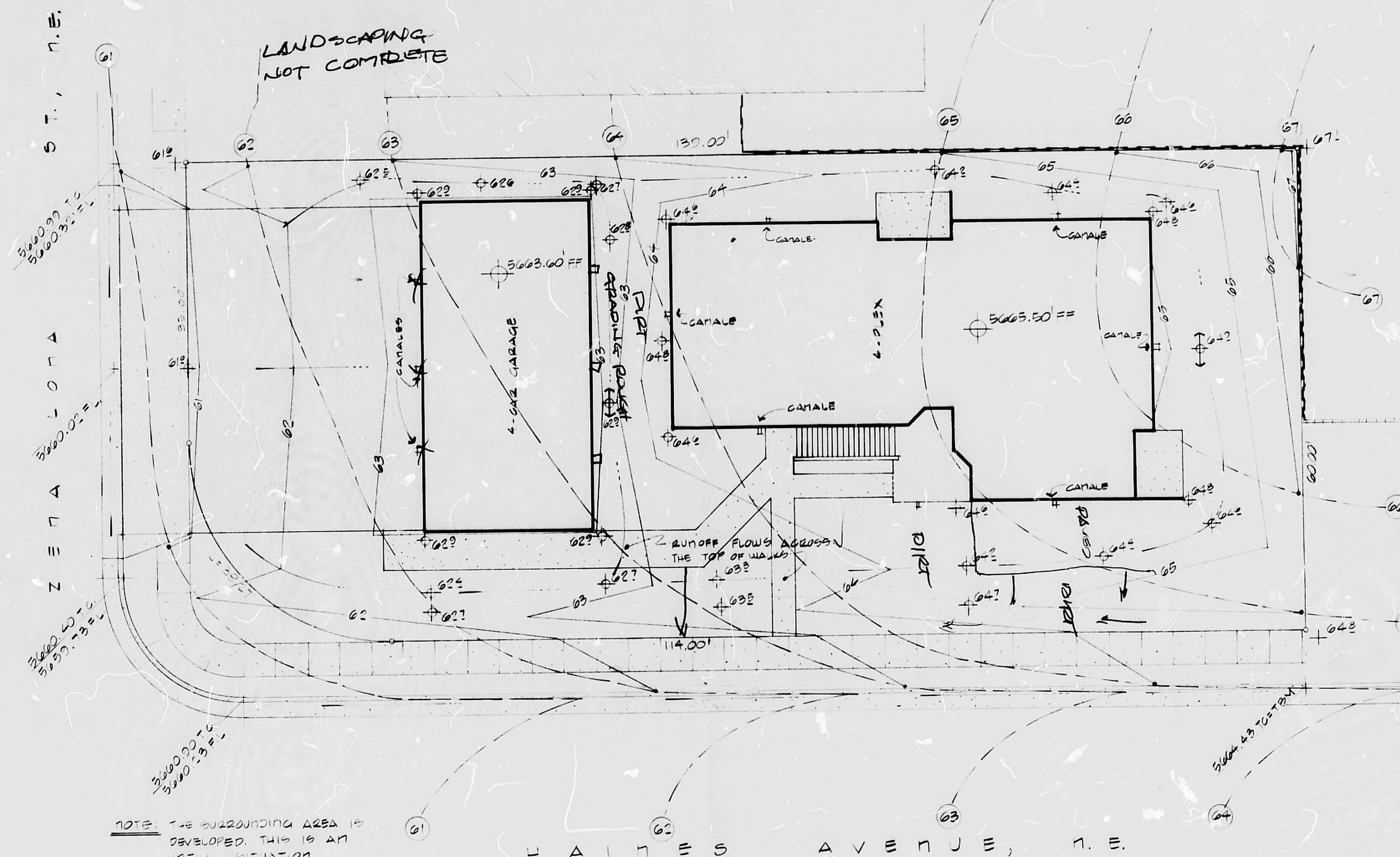




NOTE: THE SURROUNDING AREA IS DEVELOPED. THIS IS AN IDEAL SITUATION.

SITE CONDITIONS

AREA: 8200.87 sq ft (0.186 ac)
 ROLL: 13225, TAB: 82012 B
 TIME OF CONCENTRATION: 10 min.
 INTENSITY (I₁₀) = 2.5 x 0.34 x 10³ = 820 in/hr

EXISTING:
 $Q_{10} = 0.186 \times .34 \times 820 = 0.52 cfs$
 $Q_0 = 0.34 \times .657 = 0.22 cfs$

DEVELOPED:
 $Q_{10} = 0.186 \times .50 \times 820 = 0.76 cfs$
 $Q_0 = 0.50 \times .657 = 0.33 cfs$

DOWNSIDE DRAINAGE ROUTE AS FOLLOWS:
 RUNOFF FLOWS WEST ALONG MAINS FOR FOUR BLOCKS TO JUAN TABO, THEN NORTH ONE BLOCK TO DROP INLET AT THE CORNER OF JUAN TABO INDIAN SCHOOL INTERSECTION WITH OUTLET TO THE MAIN IMPROVED CHANNEL ALONG THE NORTH SIDE OF INDIAN SCHOOL ROAD NE

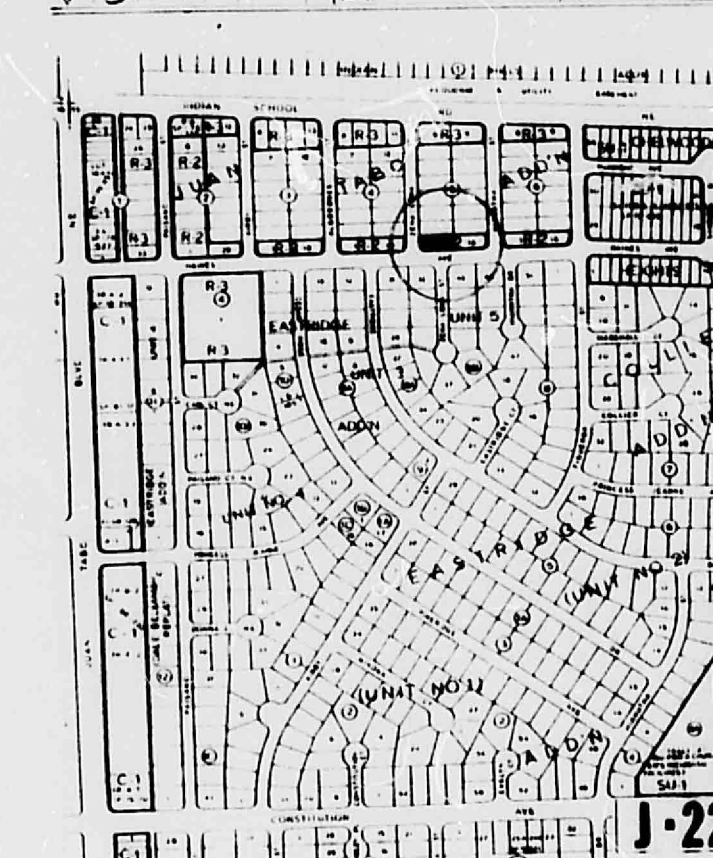
LEGEND

CONTOUR INTERVALS: 1 FT.

- (63) — EXISTING CONTOURS
- (63) — PROPOSED CONTOURS
- + 61.2 EXISTING SPOT ELEVATIONS
- + 61.2 PROPOSED SPOT ELEVATIONS
- FLOW LINES
- EXISTING STRUCTURES
- PROPOSED STRUCTURES
- WOODEN FENCE
- BLOCK WALL
- CONCRETE
- ASPHALT

CONTOURS & SPOT ELEVATIONS ARE FINISHED SURFACES. CONTRACTOR SHALL DETERMINE SUBGRADES.
 FIELD NOTES TAKEN AUGUST 20, 1984

VICINITY MAP



BENCH MARK

STA. 13+00 EL. 5716.5'
 A STANDARD ASS. BRASS TABLE
 STAMPED 13+00, 1979 SET FURNISHED WITH
 THE GROUND LOCATED 25' WEST OF THE
 E. OF CHELWOOD DR, NE AND 38'
 SOUTH OF THE E. OF INDIAN SCHOOL RD, NE

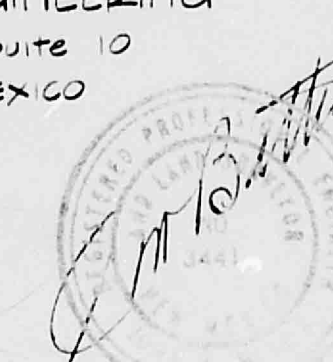
DRAINAGE PLAN

LOT 1 - BLOCK 5
 JUAN TABO ADDN.

for
 DON LUKENS

prepared by
 ENCHANTMENT ENGINEERING
 7800 MARBLE N.E., SUITE 10
 ALBUQUERQUE, NEW MEXICO
 865-7703
 SEPTEMBER 11, 1984

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Jim Butler



RECEIVED
 OCT 26 1984
 HYDROLOGY SECTION

OK *A*
 10/26/84

J22/D38