

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

HYDROLOGY SECTION 123 Central NW, Albuquerque, NM 87102 (505) 766-7644

December 24, 1986

Chris Weiss Weiss-Hines Engineering, Inc. 1100 Alvarado, NE Albuquerque, New Mexico 87110

RE: REVISED DRAINAGE PLAN FOR LOT 15 BALLOON FIELD INDUSTRIAL PARK (E-17/D22H) ENGINEER'S REVISION BLOCK DATED DECEMBER 4, 1986

Dear Chris:

Based on the information provided on your resubmittal of December 5, 1986, the above referenced drainage plan is approved for Building Permit.

Please attach a copy of this approved plan to the construction plans prior to Hydrology sign-off. Also, please advise your client that a separate permit is required for construction within the City Right-of-Way.

If I can be of further assistance, please feel free to call me at 768-2650.

Cordially,

FOR Bernie J. Montoya, C.E. Engineering Assistant

BJM/bsj

PUBLIC WORKS DEPARTMENT

ENGINEERING GROUP

Telephone (505) 768-2500

Walter Nickerson, P.E., City Engineer = AN EQUAL OPPORTUNITY EMPLOYER =



Roof Area = 3,200 ft²

Master Drainage Plan Coefficient

Landscaped Area = 10,000 ft² Paved Area = 29,925 ft²

 $C_r = \frac{3,200(0.95)}{43,725} = 0.07$

 $C_1 = \frac{10,600(0.25)}{43,725} = 0.06$

 $C_p = \frac{29.925(0.95)}{43.725} = \frac{0.65}{43.725}$

Developed Condition:

 $Q_{100} = (0.78)(4.70)(1)$ = 4 cfs

NOTICE TO CONTRACTOR

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY

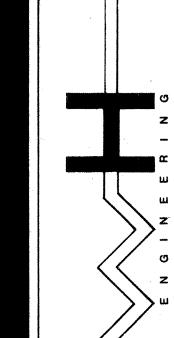
La Luns 12-5-66

Construction Section

Construction Section/Permits

Composite C = 0.78

= 0.90



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DEC 05 1986

HYDROLOGY SECTION

