HYDROLOGY H17/D6C 1 PLAN

H17/D6C

1 PLAN

INFORMATION SHEET

PROJECT TITLE Addition to Pinetree Office Park TYPE OF SUBMITTAL Grading

ZONE ATLAS PAGE NO. H-17 (16) CITY ADDRESS 4725 Indian School Road, N.E.

LEGAL DESCRIPTION Netherwood Addition, Tract TR G-4

ENGINEERING FIRM CCIC Design Group CONTACT Ray Chambers

ADDRESS 3500 Indian School Road, N.E. PHONE 266-5521

OWNER CIDCO Management Co. CONTACT Tony Sanford

ADDRESS 4501 Indian School Road, N.E. PHONE 255-8683

ARCHITECT CCIC Design Group CONTACT Richard J. Engstrom

ADDRESS 3500 Indian School Road, N.E. PHONE 266-5521

SURVEYOR Surveying Services CONTACT Santiago Gutierrez

ADDRESS 2004 Del Rio S.W. PHONE 877-2127

CONTRACTOR N/A CONTACT

ADDRESS PHONE

DATE SUBMITTED November 4, 1983

BY
Richard J. Engstrom

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ADDITION TO PINETREE OFFICE PARK
4725 INDIAN SCHOOL ROAD, N.E.
ALBUQUERQUE, NEW MEXICO

RAINFALL CALCULATION:

Small Drainage Area: Use 6 hour storm.

QUANTITY OF RUNOFF: (Rational Method)

$Q = Aci$

where $A = 0.0376$ acres

$C_1 = 350 \times .90 = 315$

$C_2 = 1288 \times .20 = 267$

572

$$C = \frac{572}{1638} = 0.35$$

$P_6 = 2.30$ inches/hour - City Rainfall Map

$$Q = 0.036 \times 0.35 \times 2.3 = 0.03 \text{ cfs}$$

$$\text{Volume} = \frac{.0376\ (.35) \times 2.3 \times 43560}{12} = 110 \text{ ft.}^3$$

Volume of Storage Available = 450 c.f. below the 93 contour

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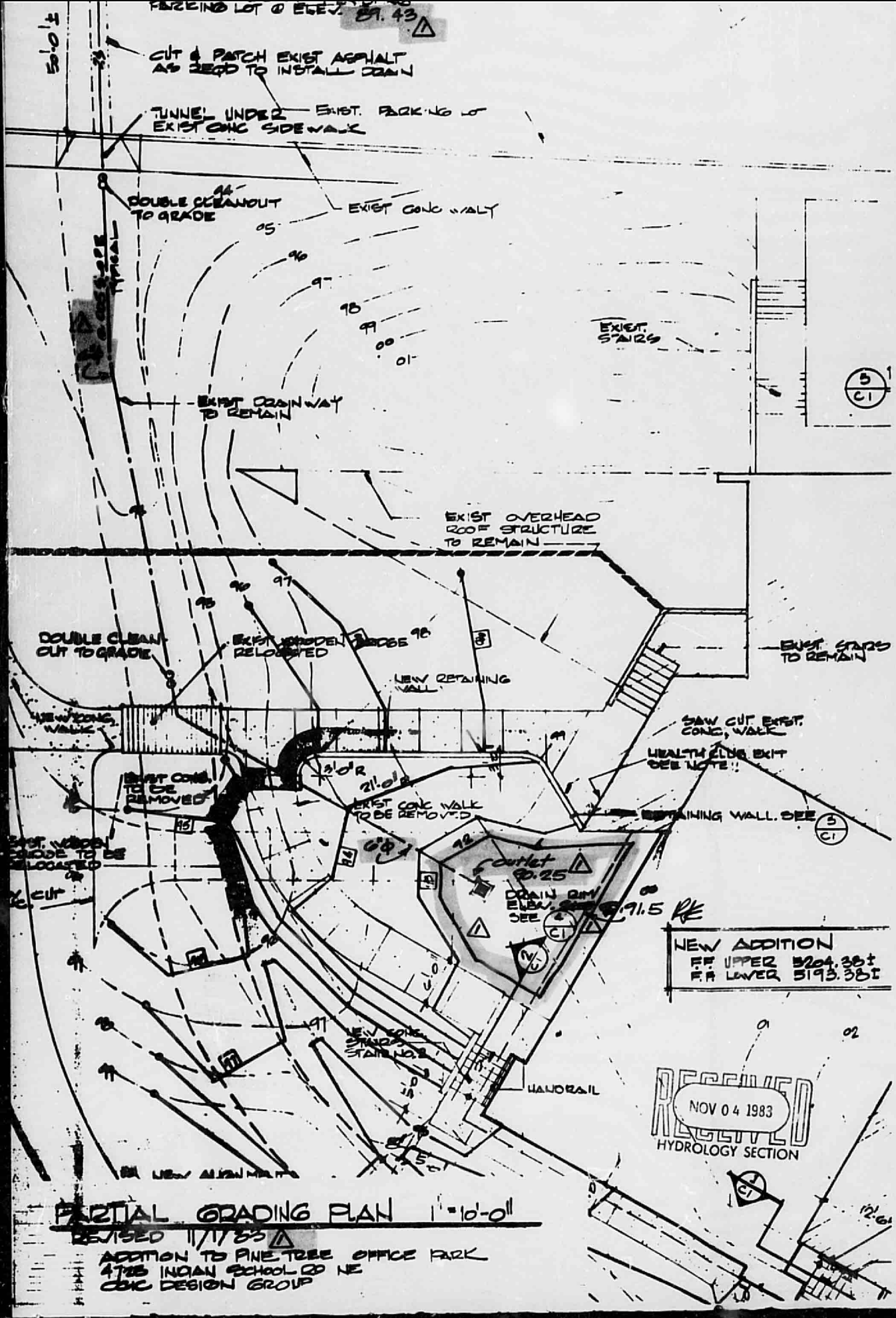

PARTIAL GRADING PLAN 1"=10'-0"

REVISED 11/1/83

ADDITION TO PINE TREE OFFICE PARK
4728 INDIAN SCHOOL RD NE
CDIC DESIGN GROUP