HYDROLOGY

J16/D2
2 PLANS

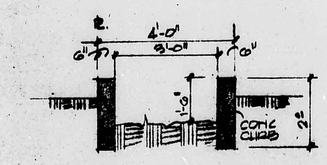
J16/D2

2 Plans

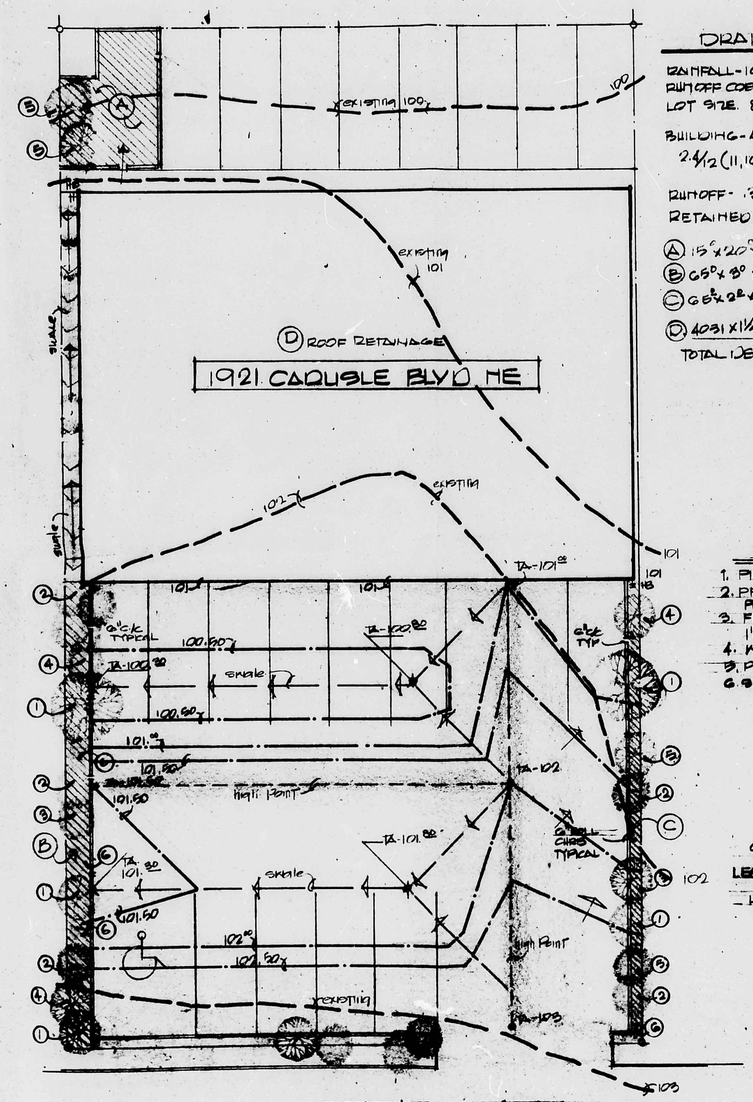
D 24 C 20 B 16 A 12

CITY OF ALBUQUERQUE

C D



TYPICAL SECT @ PLANTER @ PROP LINE SC 1/2"



DRAINAGE LAYOUT SC 1" = 10'-0"

DRAINAGE CALCS

RAINFALL - 100YR - 6HR - USE 2.4"
RUNOFF COEFFICIENT - .95 (ROOF, CONC, ASPHALT)
LOT SIZE. 82' x 144' = 11,800 SF

BUILDING - ASPHALT - SIDEWALK - 11,100 SF
2.4/12 (11,100)(.95)(1/27) = 78 CY.

RUNOFF - .3 x 78 = 23.4 CY.
RETAINED 78 - 23.4 = 54.6 CY

(A) 15' x 20' x 2.5' = 27 CY
(B) 65' x 3' x 1.5' = 10 CY.
(C) 6.5' x 2.2' x 1.5' = 7 CY.
(D) 4031 x 1 1/4" = 15.5 CY.

TOTAL DESIGNED RETAINAGE 61.3 CY > 54.6 CY

KEY SCHEDULE

1. PINON PINE (PINUS EDULIS - 1 1/2" CAL)
2. PFITZER JUNIPER (JUNIPER CHINENSIS PFITZERIANA (5 GAL)
3. FLOWERING CRABAPPLE (MALUS SPECIES) 1" CAL
4. WISTERIA (WISTERIA - 1 1/2" CAL @ 4'-0")
5. PYRACANTHA (COLORADO RED - 5 GAL)
6. SEEDUM - 250

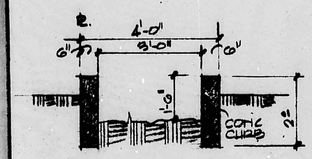
SITE PLAN: LANDSCAPE.

LEGAL: NORTH 82'-0" OF LOT 4 GARLAND SCOTT SUBDIV - BLK 1 ALBQ. N.M.
HAINES ADDITION

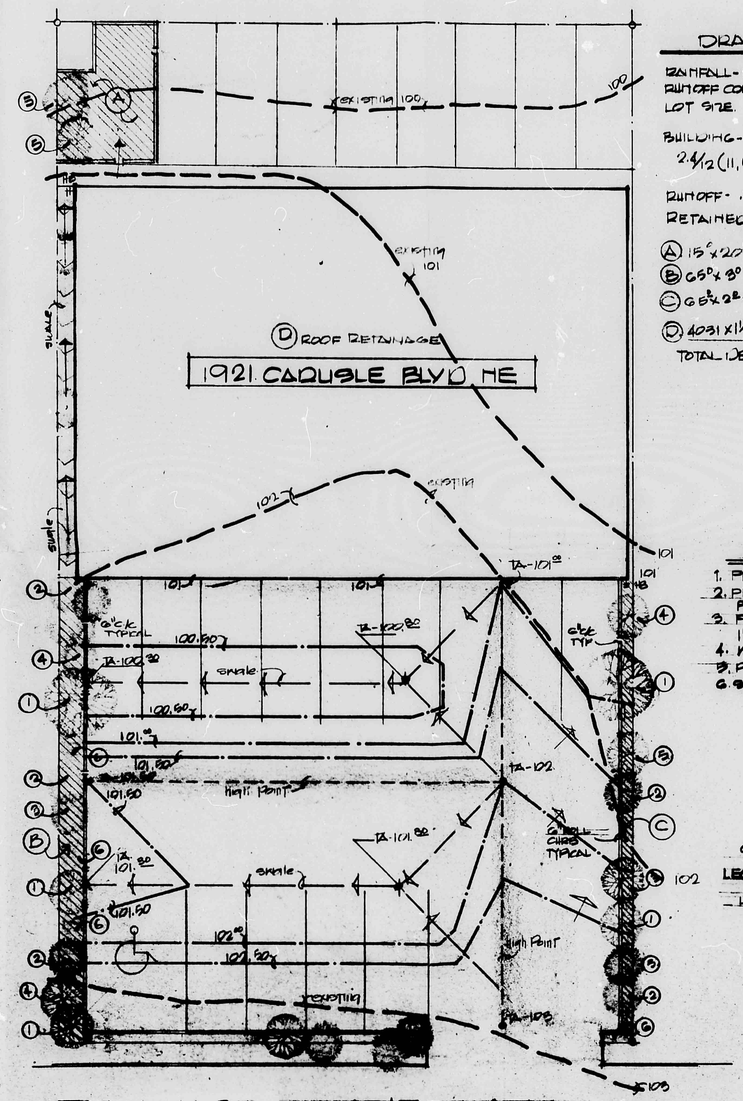
SCALE = 1" = 10'-0"

C 20 B 16 A 12

CITY OF ALBUQUERQUE



TYPICAL SECT @ PLANTER @ PROP LINE sc 1/2"



DRAINAGE LAYOUT sc 1" = 10'-0"

DRAINAGE CALCS:

RAINFALL - 100YR - 6HR - USE 2.4"
RUNOFF COEFFICIENT - .95 (ROOF, CONC, ASPHALT)
LOT SIZE. 82' x 144' = 11,800 SF

BUILDING - ASPHALT - SIDEWALK - 11,100 SF
2.4/12 (11,100)(.95)(1/27) = 78 CY.

RUNOFF - .3 x 78 = 23.4 CY
RETAINED 78 - 23.4 = 54.6 CY

(A) 15' x 20' x 2.5' = 27 CY
(B) 65' x 3' x 1.5' = 10 CY.
(C) 65' x 2' x 1.5' = 7 CY.
(D) 403 x 1 1/2' = 15.5 CY.

TOTAL DESIGNED RETAINAGE 61.3 CY > 54.6 CY

KEY SCHEDULE.

1. PINON PINE (PINUS EDULIS - 1 1/2" CAL)
2. PFITZER JUNIPER (JUNIPER CHINENSIS PFITZERIANA (5 GAL)
3. FLOWERING CRABAPPLE (MALUS SPECIES) 1" CAL
4. WISTERIA (WISTERIA - 1 1/2" CAL @ 4'-0")
5. PYRACANTHA (COLORADO RED - 5 GAL)
6. BEEDIUM - RED

SITE PLAN: LANDSCAPE.

LEGAL: MIDDLE 82'-0" OF LOT 4A GARLAND SCOTT SUBDIV - BLK 4 ALBQ. M.R. HAINES ADDITION -

SCALE - 1" = 10'-0"

CITY OF ALBUQUERQUE
THIS MICROIMAGE IS THE BEST POSSIBLE REPRODUCTION DUE TO THE POOR QUALITY OF THE ORIGINAL DOCUMENT

CITY OF ALBUQUERQUE