HYDROLOGY L19/D10 NO PLANS

L19/D10

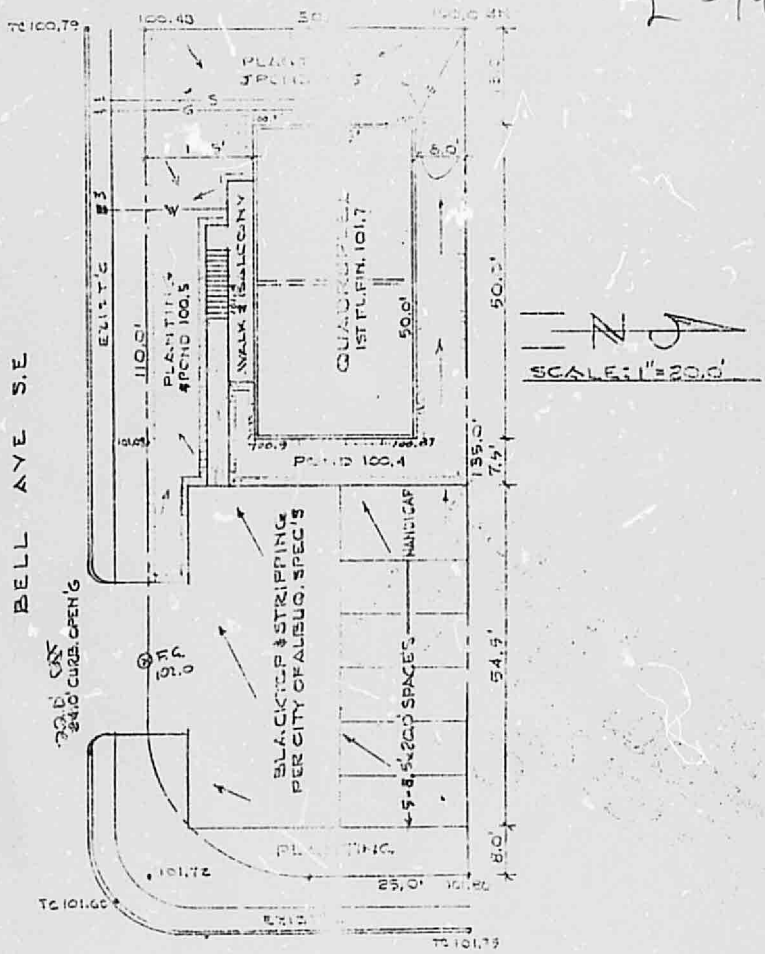
NO PLANS

L-19

BELL AVE S.E
TC 100.79
100.43
16.5'
110.0'
PLANTING
QUADRUPLEX
1ST FL. FIN. 101.7
50.0'
WALK & BALCONY
PORCH 100.4
135.0'
7.5'
50.0'
54.5'
8.0'
BLACKTOP & STRIPING PER CITY OF ALBUQ. SPEC'S
HANDICAP
5-8.5x20.0' SPACES
PARKING
101.72
25.0'
TC 101.66
TC 101.79
SCALE: 1" = 20.0'
GRAMA ST. S.E
SITE PLAN
GRAMA ST. S.E
LOT 1 & 12
BLK 1
SUN VALLEY ADDN
PORTIONS AREA W/GRADES AS MARKED
DRAWN BY: L.P.V. ORIGINAL 5/5/77

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

L-19



SITE PLAN
CHAMA ST. S.E

LOT 11 & 12
BLK
SUBDIVISION
PROJECT AREA N/G AS MARKED

DRAWN BY: [illegible] DATE: 5/9/77

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

SITE DESCRIPTION
LOT: [illegible]
BLK: [illegible]
ADD: [illegible]

SITE AREA 6750 FT² .1550 A
BUILDINGS 1275 FT² .0293 A
WALKS & BLACKTOP 2634 FT² .0605 A
TOPSOIL & PLANTING 2841 FT² .0652 A

DRAINAGE

UNDEVELOPED SITE
USING RATIONAL FORMULA Q=CIA
WHERE A = ACRE AREA
C = .35
I = 7.0

(.35)(7.0)(.1550) = .37975 CFS (UNDEV)

Q = (.35)(7.0)(ACRE) = CFS (UNDEV.)

COMPOSITE FACTOR "C"
BUILDINGS, BLACKTOP & WALKS = .95 × AC = _____ .95(.0293) = .08521
TOPSOIL & PLANTING = .35 × AC = _____ .35(.2841) = .09944
TOTAL _____ = "C" .18475
TOTAL (ACRE) .1550
"C" = 1.19

DEVELOPED SITE
Q = ("C")(7.0)(ACRE) = CFS (DEV) (1.19)(7.0)(.1550) = 1.2912 CFS (DEV.)
MINUS CFS (UNDEV) .3798 CFS (UNDEV.)
TOTAL CFS RETAINAGE .9114 CFS.

RETAINAGE AREA
USING 2.5" FOR A GHR-100YR STORM
TOTAL VOLUME OF RUNOFF = 2.5" × AREA FT² × RUNOFF COEF. ÷ 12 = FT³ RETENTION

$\frac{(2.5)(6750)(1.19)}{12} = \frac{20081}{12} = 1673.44$ FT³ POND AREA AVAILABLE 2841 FT²

(.589) = .59' DEPTH OF POND

OPEN SPACE & PARKING REQ.
TOTAL SITE AREA 6750
BALCONY AREA CREDIT 128
TOTAL USABLE SPACE 6378

OPEN SPACE REQ.				PARKING REQ.		
NO.	TYPE	FT²	FT²	PER BATH	SPACES	
	1BR		=	3	=	
4	2BR	500	= 2000	3 1/2	=	6
	3BR		=	3	=	
	OTHER		=	3	=	
	TOTAL			TOTAL	6	SPACES

TOTAL AVAILABLE AREA 4378 FT²
AVAILABLE UNCOVERED AREA = 1378 FT²
TOTAL COVERED AREA = 2600 FT²
TOTAL EXCESS AREA = 1300 FT²

COVERED AREA FT
TOTAL LIVING GRND AREA 1275
TOTAL EXT. STOR OR UTIL. AREA _____
TOTAL BLACKTOP & PARKING 2392
TOTAL OTHER _____
TOTAL COVERED AREA 3675

1276