SPANISH WALK
DRAINAGE -

ENCHANTMENT ENGINEERING
32 10-C JUAN TABO N.E.
ALBUQUERQUE, N.M.

Scale: 1"=50'

N

Infiltration
AREA A = .05' in 5min.
AREA B = .09' in 5min.
AREA C = .13' in 5min.

TYPICAL SECTION
ESTATE TYPE PAVING

TYPICAL SECTION
AREA GRADING

SURVEY FOR
JAN LEPPKE
OF TRACT A
M.R.G.C.D. MAP 29

TOTAL ACRES=16.0??
FEBRUARY 12, 19??

E-14/D002

BK 21 DATE 2/24/93 BY LSP
CITY OF ALBUQUERQUE
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CITY CLERK RECORDER
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STATE OF NEW MEXICO
My Commission Expires MAY 8 1996

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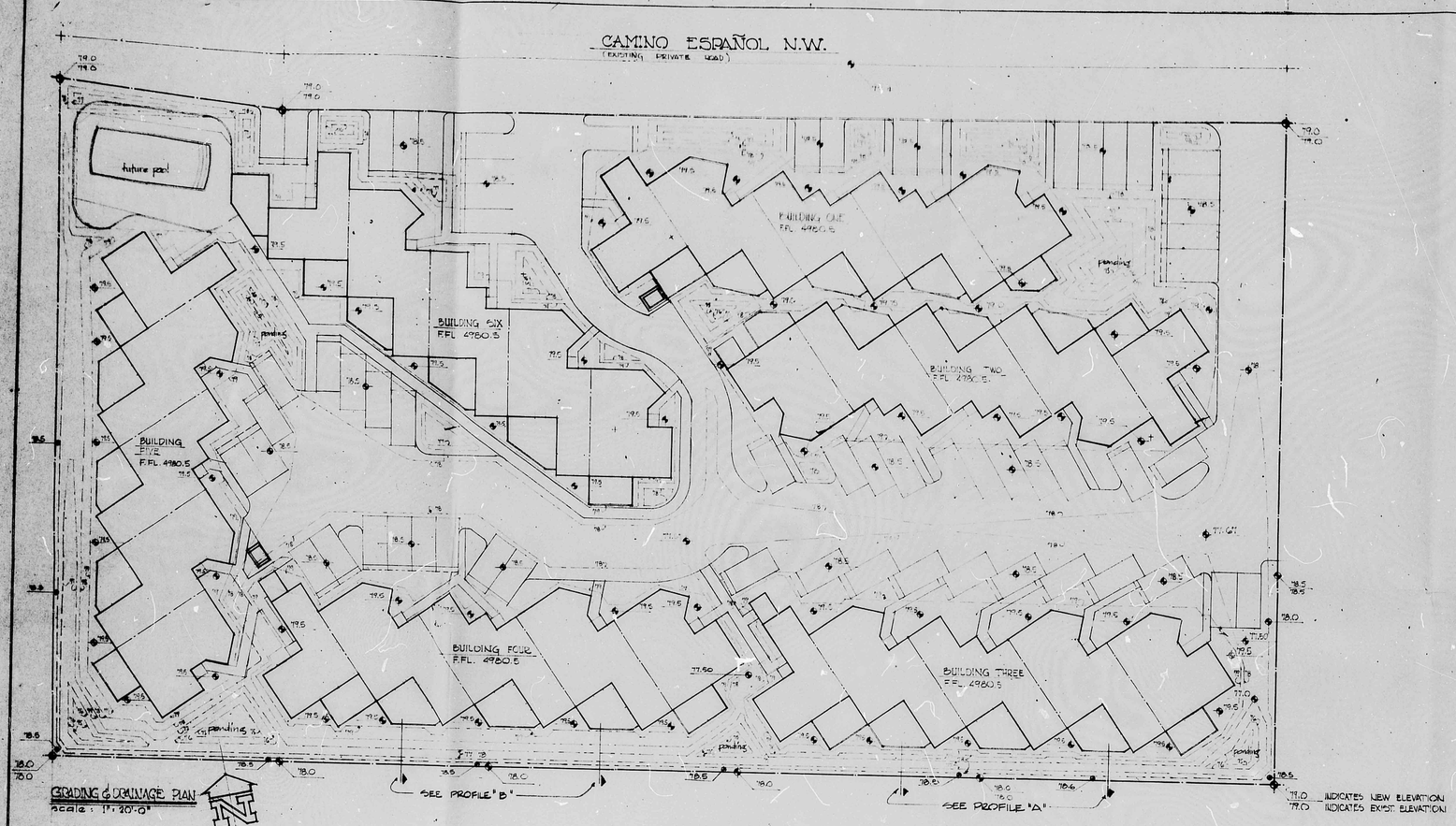
PLANS/PLATS ON FILE

FILE DESC: E-14/D002

PLANS/PLATS 2

F 30 D 24 C 20 B 16 A 12 CITY OF ALBUQUERQUE C D F

E-14/D002



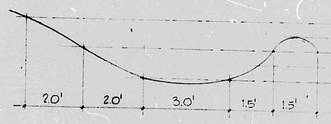
GRADING & DRAINAGE PLAN
scale: 1" = 20'-0"

SITE DATA

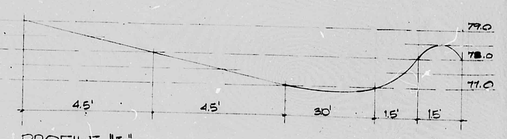
rooftop (flat)	38,935 s.f.
asphalt	27,444 s.f.
walks, patio	6,100 s.f.
landscape	38,767 s.f.
total 2.441 ac.	106,330 s.f.
total impervious area	67,579 s.f.
rainfall = 2.2"	12,835 c.f.

AREAS

BELOW ELEV.	4975 :	531 SQ. FT.
" "	4976 :	1,621 SQ. FT.
" "	4977 :	5,630 SQ. FT.
" "	4978 :	19,296 SQ. FT.



PROFILE "A"



PROFILE "B"

CALCULATIONS

COEFFICIENT FOR IMPERVIOUS AREA → .95 × 67,579 S.F. = 64184.85 ÷ 81,444.2 / 106,330
" " LANDSCAPE " → .60 × 38,767 S.F. = 23,260.2
" " COMPOSITE → .82

REQ. PONDING VOL.: 106,330 SF × .82 × .1833' = 15,985 CU.FT.

AREA BELOW 4978.5 ELEV: (TOP OF PONDING)

" " 4978.0	ELEV.	19,296 SF / DIVIDE BY .5	TO FIND MIN. VOL. →	9648 cu.ft
" " 4977.0	"	5,630 × 1.0'	TO FIND MINIMUM VOLUME →	5630 cu.ft.
" " 4976.0	"	1,621	" →	1621 cu.ft
" " 4975.0	"	531	" →	531 cu.ft
		15,985 CU.FT. REQ. <		14,430 cu.ft ACTUAL

· CAMINO · ESPAÑOL ·
· APARTMENTS ·

albuquerque, new mexico

STATE OF NEW MEXICO
JOE PAUL TAFOYA
No. 7988
REGISTERED ARCHITECT

GENERAL NOTES

All rainfall to drain away from buildings directly.
Drainage to be directed to ponding on site exclusively.
Drainage will be disposed by evaporation at containment basins and ponding areas.
Grading intent: finish floor of buildings to be at 4980.5 or 1'± above crown of Camino Español; finish grades to be 1'± below.
Existing site is level with no drainage or access. no runoff from adjacent lots occurs.
Pavement and curb treatment to match and work with existing paving and curbing on site.

GRADING & DRAINAGE PLAN

for JAN LEPPKE

JACK & SCHALK
400 San Pedro N.W. #2
abq., n.m. 87104

sheet 2

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REF. 21 DATE 2-24-93 OP. LSP
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Karen Aragon
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STATE OF NEW MEXICO
My Commission Expires: MAY 8 1995
Norberta Sanchez

D 24 C 20 B 16 A 12 CITY OF ALBUQUERQUE C D