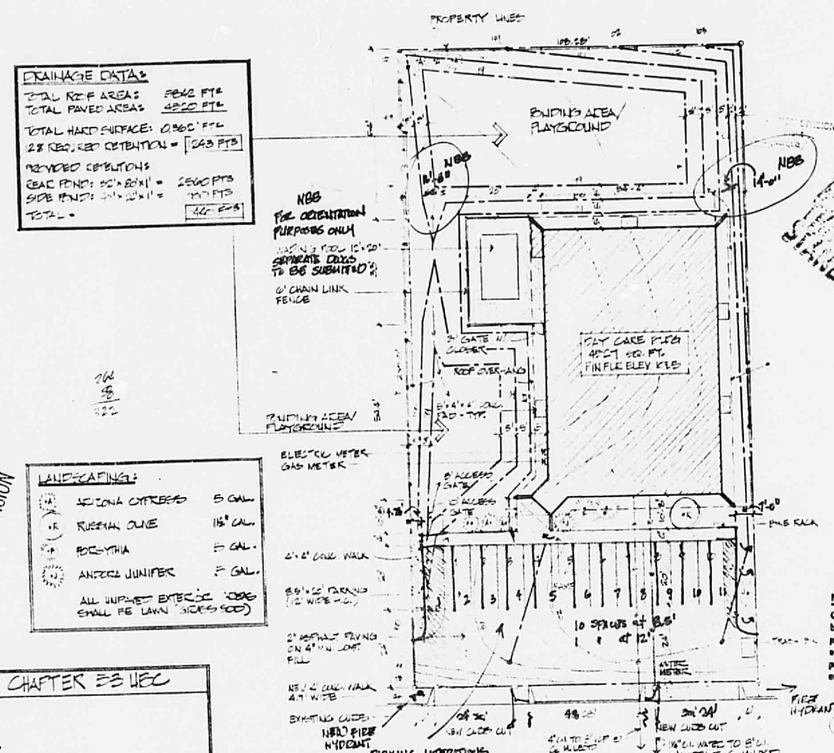
HYDROLOGY

F18/D37
ONE PLAN

F 18- D 37

1 PLAN

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



DRAINAGE DATA:

TOTAL ROOF AREA: 8642 FT²
TOTAL PAVED AREAS: 4950 FT²
TOTAL HARD SURFACE: 0.960' FT²
2% REQ. RED DETENTION = 263 FT³
PROVIDED DETENTION
REAR PONDS: 50'×80'×1' = 2660 FT³
SIDE PONDS: 50'×20'×1' = 700 FT³
TOTAL = 3360 FT³

LANDSCAPING:

	ARIZONA CYPRESS	5 GAL.
	RUSSIAN OLIVE	15 GAL.
	FORSYTHIA	5 GAL.
	ANTECA JUNIPER	5 GAL.

ALL UNPAVED EXTERIOR AREAS SHALL BE LAWN (SEED OR SOD)

LANDSCAPING PLANT SIZES
Type, size and quantity of plants to be planted.
Shrubs: 5 gallon minimum
ZONING DIVISION

ENERGY REQUIREMENTS: CHAPTER 53 UBC

HEAT LOSS:

ROOF CONSTRUCTION

OUTSIDE FILM	RR =	.15
BUILT-UP ROOF	RR =	.78
1/2" PLYWOOD	RR =	.62
6" BLANKET INSUL.	RR =	19.0 (14.98 @ NO JOISTS 24" O.C.)
ACOUS. CLG TILE	RR =	1.7
INSIDE FILM	RR =	.61
TOTALS:		22.82 (17.90 @ JOISTS)

U = 1/21.82 = .0458 (15% OF CNTY-ND) < .09 OK

WALL CONSTRUCTION

OUTSIDE FILM	RR =	.17
FACE BRICK	RR =	3.1
1/2" SHEATHING	RR =	1.8
3 1/2" BLANKET INSUL.	RR =	15.0 (4.38 @ NO STUDS 16" O.C.)
1/2" GYP BD.	RR =	.45
INSIDE FILM	RR =	.68
TOTALS:		11.1 (10.48 @ STUDS)

U = 1/11.81 = .0846 (15% OF CNTY-ND)

		A = 1630 FT²
WINDOWS:	U = .65	A = 550 FT²
DOORS:	U = .48	A = 140 FT²

OVERALL U = (1630(.0846) + .65(550) + .48(140)) / 2320 = .222 < .31 OK

ATTIC = ((1630×.0458) + (48×140×.46) + (550×.124×.67) + (.65×550×.3)) / 2320
= .2555 < .321 OK

SITE PLAN 1" = 20'

LOT 4 TRACT B-1 OF THE LAND OF ACSC INVESTORS A CO-PARTNERSHIP

ZONE	C-2
OCCUPANCY	E-3 (100 CHILDREN MAX.)
CONSTRUCTION TYPE	V-N
SEISMIC ZONE	2
LIVE LOAD	50 PSF
WIND LOAD	30 PSF
SOIL BEARING	2000 PSF (ASSUMED)
STRENGTH OF CONCRETE	3000 PSI (@ 28 DAYS)

SITE	21,656
BUILDING	4,527
PARKING	4,510
PLAYGROUND	8,641
ROOF	2,160
MISC.	5,210

ALBUQUERQUE BLDG. DEPT. JUL 20 1978 U.B.C. PLAN CHECK SECTION

ALBUQUERQUE BLDG. DEPT. JUL 21 1978 U.B.C. PLAN CHECK SECTION

NOTE: PERMIT ISSUED TO IDENTICAL BUILDING AT:
12555 EXTRIDGE DR. N.E.
LARRY: PLEASE CHECK TIR.

These premises shall not be occupied until a Certificate of Occupancy has been issued, in accordance with Sec. 306, Albuquerque Building Code.

NOTICE TO CONTRACTOR

City approved street and alley top of curb elevations should be used when establishing lot grades at front and rear property lines. Should these approved elevations NOT be used, the city assumes no responsibility for loss of access to property or damage to property line walls upon construction of street and alley curb-gutter-paving.

NOTICE

ALL COMMERCIAL BUILDINGS ARE REQUIRED TO HAVE A FINAL INSPECTION BY THE FIRE DEPT. BEFORE A CERTIFICATE OF OCCUPANCY IS ISSUED. THE BUILDING(S) OR SPACE(S) SHALL BE COMPLETE AND READY TO OCCUPY. PHONE 766-7537

FIRE HYDRANT

NELSON B. BUCK - ARCHITECT
812 ARIZONA S.E. ALBUQUERQUE
NEW MEXICO 87108 265-7155

JOB NO
DATE 8/2 6/27/78
REVISED

FOR

KINDER CARE INC. DAY CARE CENTER
NORTH ALBUQUERQUE - VOLCANO RD SITE

SHEET TITLE: SITE PLAN

SHEET NUMBER: 1 of 1 S