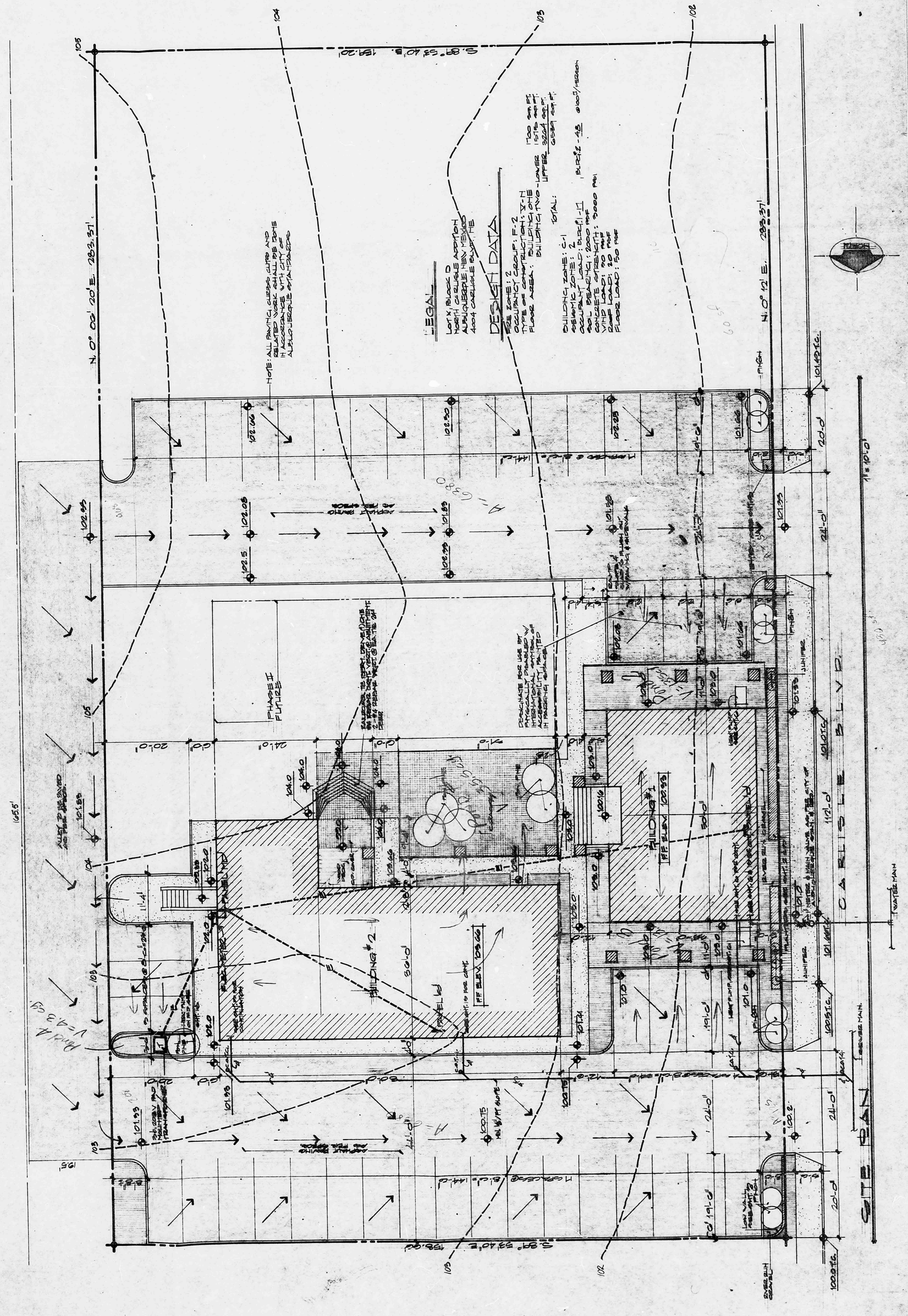
HYDROLOGY

G17/D9
NO DOCUMENTS
3 PLANS

G17/D9

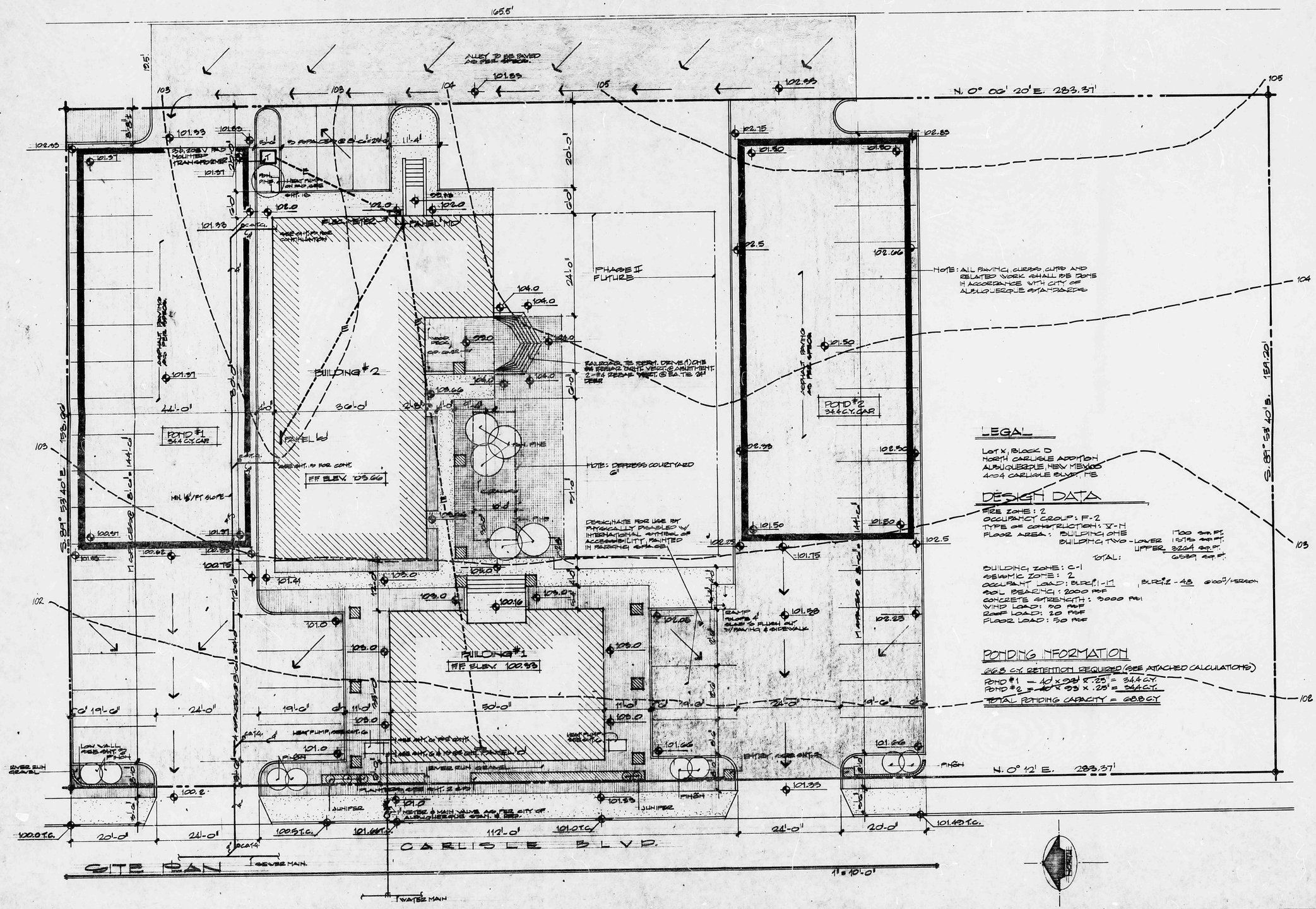
3 Plans

no Documents



4004 OFFICE BUILDINGS
4004 CARLISLE BLVD., NE
ALBUQUERQUE, NEW MEXICO

GARY SAXTON·ARCHITECT
120 TENTH, N.W.
ALBUQUERQUE, NEW MEXICO



LEGAL

LOT X, BLOCK D
NORTH CARLISLE ADDITION
ALBUQUERQUE, NEW MEXICO
4004 CARLISLE BLVD., NE

DESIGN DATA

FIRE ZONE: 2
OCCUPANCY GROUP: F-2
TYPE OF CONSTRUCTION: V-N
FLOOR AREA: BUILDING ONE 1700 SQ. FT.
BUILDING TWO - LOWER 1575 SQ. FT.
UPPER 3224 SQ. FT.
TOTAL: 6499 SQ. FT.

BUILDING ZONE: C-1
SEISMIC ZONE: 2
OCCUPANT LOAD: BLDG. #1 - 17 | BLDG. #2 - 43 @ 100 □'/PERSON
SOIL BEARING: 2000 PSF
CONCRETE STRENGTH: 3000 PSI
WIND LOAD: 30 PSF
ROOF LOAD: 20 PSF
FLOOR LOAD: 50 PSF

PONDING INFORMATION

66.8 C.Y. RETENTION REQUIRED (SEE ATTACHED CALCULATIONS)
POND #1 = 40' x 39' x .25' = 34.4 C.Y.
POND #2 = 40' x 39' x .25' = 34.4 C.Y.
TOTAL PONDING CAPACITY = 68.8 C.Y.

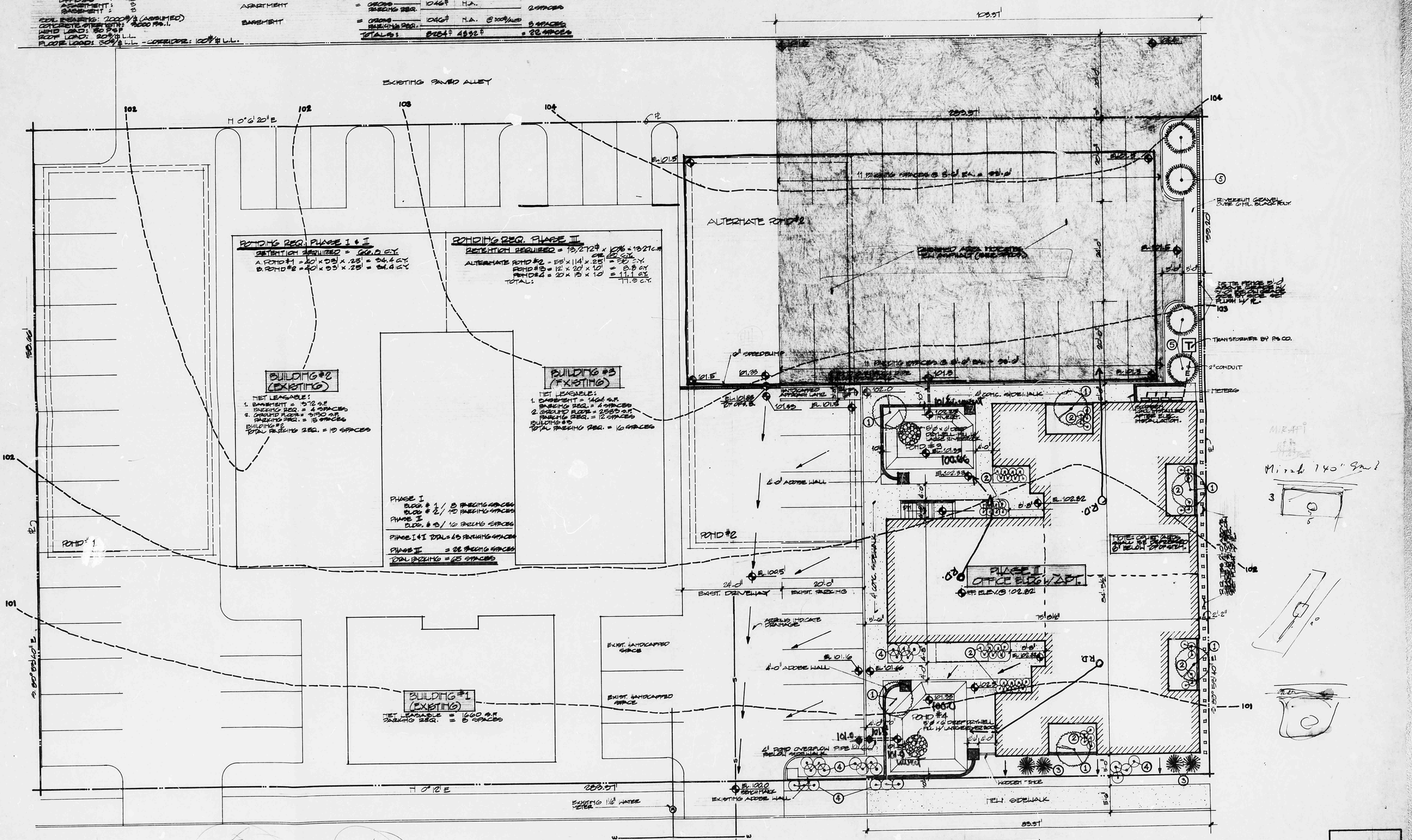
GARY SAXTON-ARCHITECT
120 TENTH, N.W.
ALBUQUERQUE, NEW MEXICO

4004 OFFICE BUILDINGS
4004 CARLISLE BLVD., NE
ALBUQUERQUE, NEW MEXICO

DESIGN DATA:

FIRE ZONE: (2) TWO
OCCUPANCY GROUP: B-2, R-3,
TYPE OF CONSTRUCTION: V-1
BUILDING ZONE: C-1
SEISMIC ZONE: 2
OCCUPANT LOAD:
OFFICES : 48
APARTMENT : 8
BASEMENT : 8
SOIL BEARING: 2000#/□' (ASSUMED)
CONCRETE STRENGTH: 3000 PSI.
WIND LOAD: 30 P.S.F
ROOF LOAD: 20#/□' L.L.
FLOOR LOADS: 50#/□' L.L. - CORRIDOR: 100#/□' L.L.

FLOOR AREA:
FIRST FLOOR: OFFICE BUILDING = GROSS 8284# — NET LEASABLE PARKING REQ. 2100# @ 500#/AUTO = 0 SPACES
SECOND FLOOR: OFFICE BUILDING = GROSS 2893# — NET LEASABLE PARKING REQ. 2160# @ 500#/AUTO = 7 SPACES
APARTMENT = GROSS — PARKING REQ. 1046# N.A. = 2 SPACES
BASEMENT = GROSS — PARKING REQ. 1046# N.A. @ 500#/AUTO = 3 SPACES
TOTALS: 8284# 4932# = 22 SPACES



PONDING REQ. PHASE I & II

RETENTION REQUIRED = 66.0 C.Y.
A. POND #1 = 40' x 53' x .25' = 34.4 C.Y.
B. POND #2 = 40' x 53' x .25' = 34.4 C.Y.

PONDING REQ. PHASE III

RETENTION REQUIRED = 13,272# x 10% = 1327 c.m = 22.2 C.Y.
ALTERNATE POND #2 = 55' x 114' x .25' = 52 C.Y.
POND #3 = 12' x 20' x 10' = 8.9 C.Y.
POND #4 = 20' x 15' x 10' = 11.1 C.Y.
TOTAL: 77.3 C.Y.

LANDSCAPE SCHEDULE

PLANTS	SIZE
(1) GREEN ASH	2½" TREE (12'-15' HT.)
(2) ENGLISH IVY	ONE GALLON EA.
(3) YUCCA	8'-0" HT.
(4) CRANESSA SHRUB	ONE GALLON EA.
(5) RUSSIAN OLIVE	(12'-15' TREES)

ALL AREAS SOD UNLESS OTHERWISE NOTED.

CARLISLE BLVD. N.E.

LEGAL: LOT X, BLOCK D, NORTH CARLISLE ADDITION, ALBUQUERQUE, N. MEX.
4004 CARLISLE BLVD. N.E.

SITE PLAN
1"=10'-0"

for trench drain
Jet Supply
Flush clean