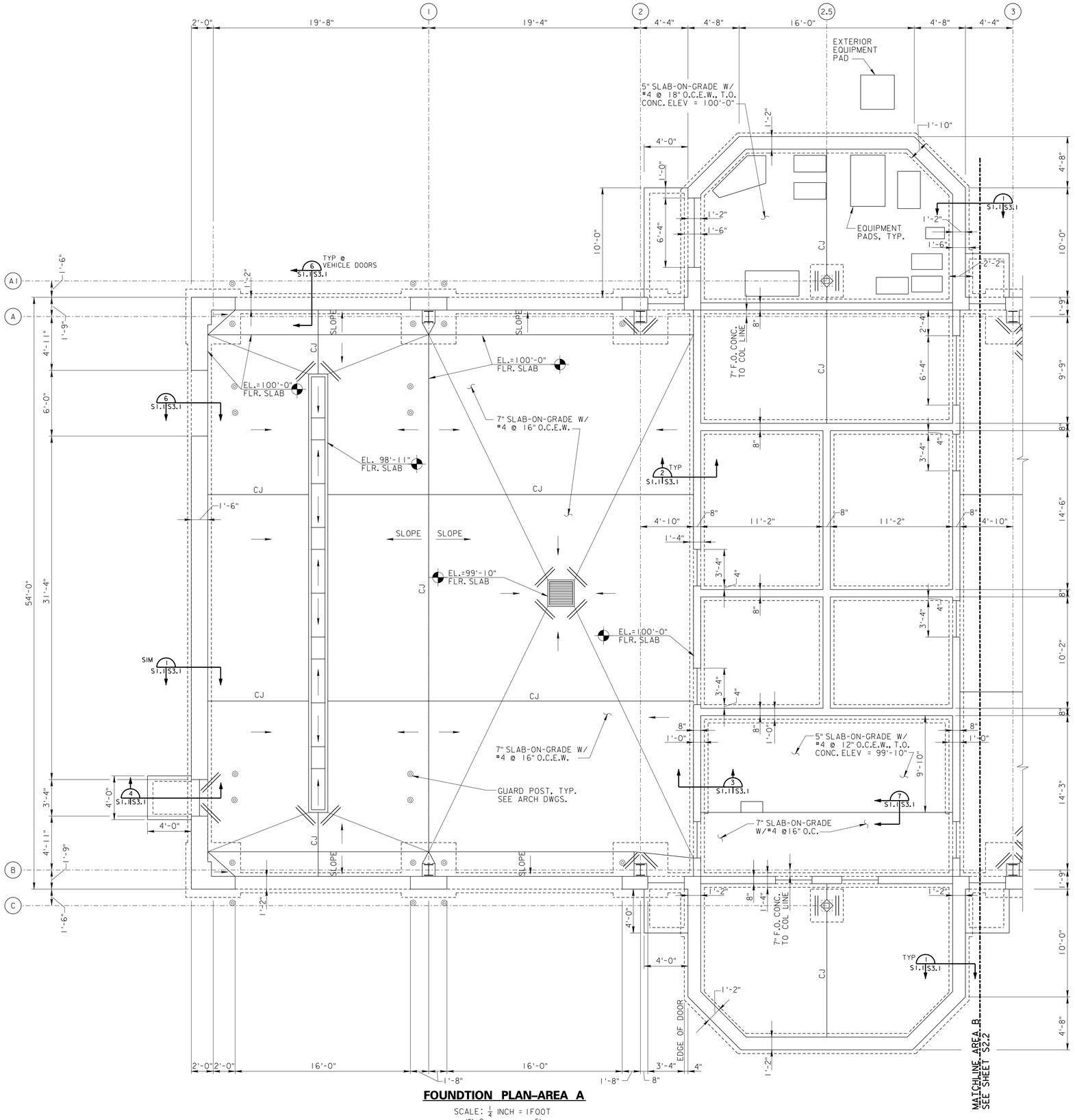
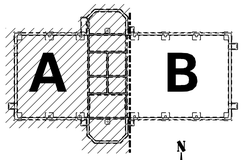


FOUNDTION PLAN–AREA A

SCALE: $\frac{1}{4}$ INCH = 1FOOT



KEY PLAN
NO SCALE

DESIGNER NOTES:

A. DESIGN LOADS

1. SNOW LOADS

a. GROUND SNOW LOAD	P=20 PSF
b. EXPOSURE FACTOR	Ce=1.0
c. THERMAL FACTOR	Ct=1.0
d. IMPORTANCE FACTOR	I=1.0
e. SNOW DENSITY	15 PCF
f. ADDITIONAL SNOW DRIFT LOADS WERE CALCULATED IN ACCORDANCE WITH ANSI ASCE 7-92	

2. WIND LOADS

a. BASIC WIND SPEED	V=80 mph
b. IMPORTANCE FACTOR	I=1.05
c. EXPOSURE FACTOR	C
d. CATEGORY	I

3. SEISMIC LOADS

a. SEISMIC ZONE #1	Z=0.075
b. IMPORTANCE FACTOR	I=1.0
c. STRUCTURAL SYSTEM COEFF.	RW=6
d. PERIOD COEFFICIENT	C=2.75

4. ROOF LIVE LOADS

a. CONSTRUCTION & MAINTENANCE	20 psf

B. SOILS & FOUNDATION DATA

1. ALLOWABLE SOIL EXCESS BEARING PRESSURE.	3000 PSF
2. FROST DEPTH.	3'-0"

GENERAL NOTES:

1. REFERENCE ELEVATION 100'-0"= 120.00' ABOVE MEAN SEA LEVEL ELEVATION.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE STARTING WORK AND THE CONTRACTING OFFICER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY.
3. CONTRACTOR SHALL PROVIDE AND MAINTAIN ADEQUATE BRACING AND SHORING AT ALL TIMES DURING CONSTRUCTION.
4. STRUCTURAL DRAWINGS SHALL BE COORDINATED WITH ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL OPENINGS, SLEEVES, ETC. NOT SHOWN ON STRUCTURAL DRAWINGS. COORDINATE LOCATION, SIZE, AND REINFORCING OF ALL OPENINGS WITH RESPECTIVE TRADES BEFORE FABRICATION.

FOUNDATION NOTES:

1. BOTTOM-OF-FOOTING ELEVATION 97'-6" UNLESS OTHERWISE NOTED ON DETAILS.
2. SLABS-ON-GRADE:
   a. ALL INTERIOR SLAB ELEVATIONS=100'-0" UNLESS OTHERWISE NOTED.
   b. ALL INTERIOR SLABS-ON GRADE SHALL BE 4" THICK WITH #4 BARS @ 18" O.C. E.W. UNLESS OTHERWISE NOTED.
   c. ALL INTERIOR SLABS-ON-GRADE SHALL BE PLACED ON A 6" CAPILLARY WATER BARRIER OVERLAID WITH A VAPOR BARRIER.

EXAMPLE DESIGN
35%

$$ – THINK VALUE ENGINEERING – $$

Revisions

Symbol	Descriptions	Date	Approved

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA, NEBRASKA

Designed by: X.X.X
Drawn by: X.X.X.
Checked by:
Reviewed by:
Submitted by:
Chief: Section

SITE NAME: OMAHA DISTRICT DESIGN GUIDE
SITE LOCATION

FOUNDATION PLAN AREA A

Plot Scale Ratio: 4:1
Design File: DG35S101.DGN
Date: JUNE 2002
Spec. No.: DACA 45
Contract No.: DACA 45
Drawing Code: X
Sheet reference number: **S1.01**

COMPUTER AIDED DESIGN & DRAFTING

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