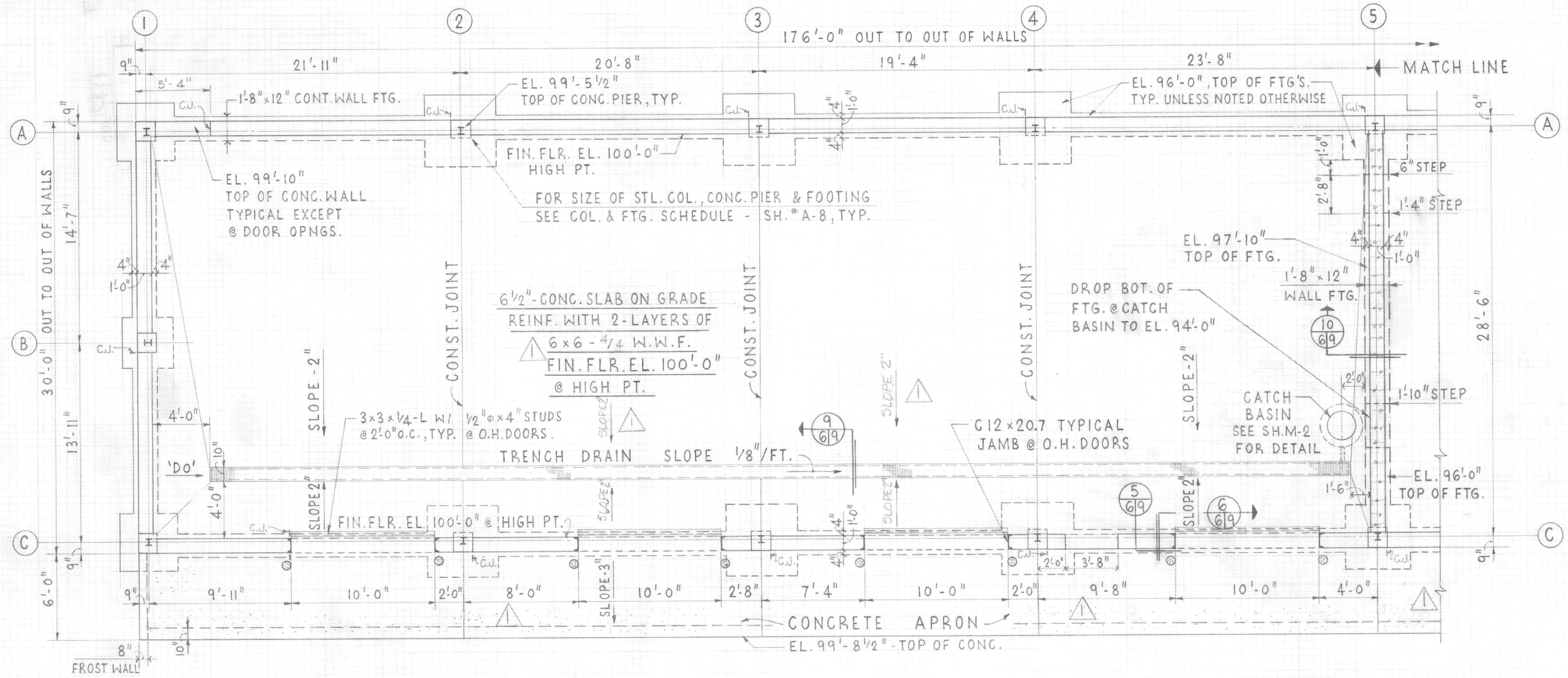

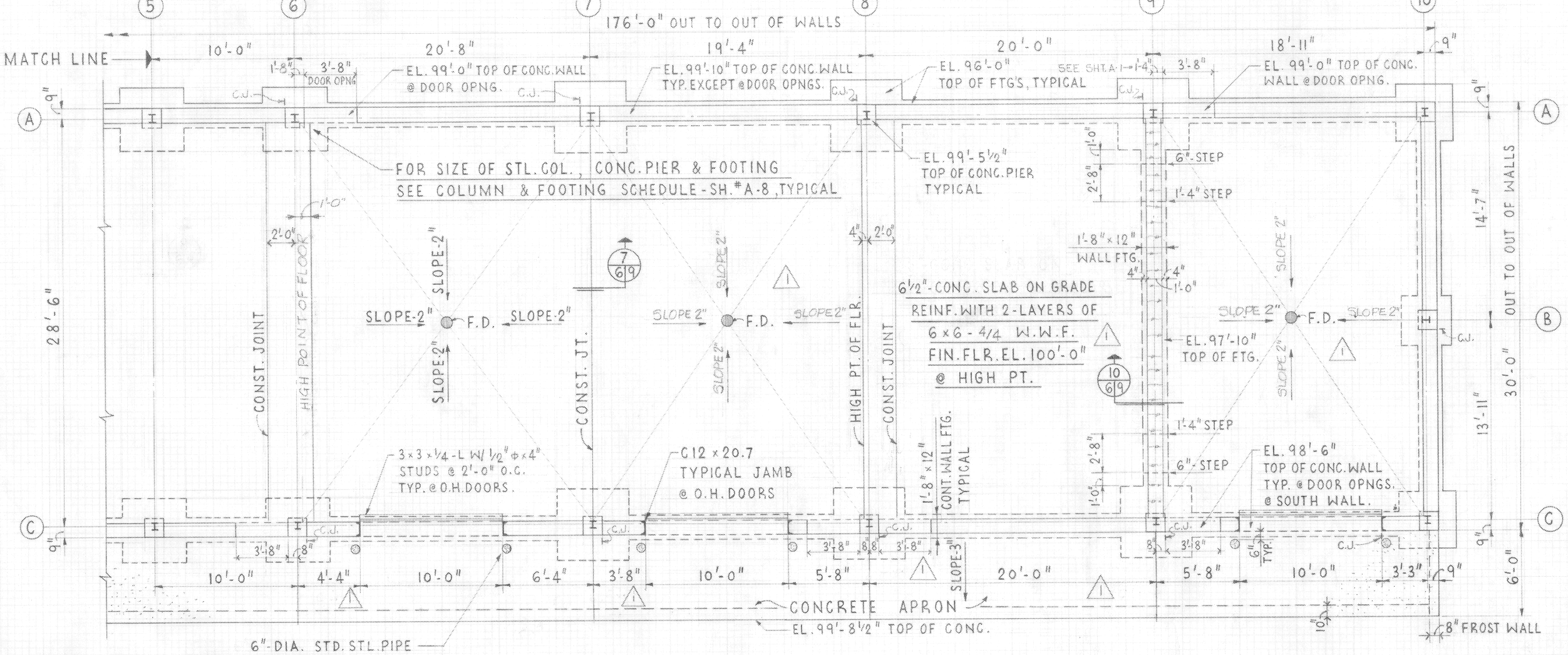

FOUNDATION PLAN

SCALE 1/4" = 1'-0"

4' 2' 0 4' 8'

NOTE — ALL COLUMN FOOTINGS ARE CENTERED UNDER STEEL COLUMNS UNLESS NOTED OTHERWISE.

NORTH

W E

S

GENERAL NOTES

1. EL. 100'-0" SHOWN ON DRAWINGS ARE FOR REFERENCE ONLY, SEE CIVIL DRAWINGS FOR ACTUAL ELEVATIONS.
2. ALL STEEL BEAM CONNECTIONS SHALL BE DETAILED AS SHOWN IN PART-4 CONNECTIONS OF THE AISC MANUAL SEVENTH EDITION. THE "LOADS ON BEAMS" TABLES IN PART-2 OF THE AISC MANUAL CAN BE USED TO DETERMINE SHEARS.
3. ALL BOLTS SHALL BE 3/4" DIAMETER UNLESS NOTED OTHERWISE.
4. ALL FILLET WELDS AT JOIST ENDS SHALL BE FULL LENGTH WELDS.
5. EXTENDED BOTTOM CHORDS SHALL BE PROVIDED IN ALL AREAS WITH SUSPENDED CEILING.
6. REINFORCED CONCRETE FOUNDATION WALLS SHALL BE DOWELED AT ALL CORNERS AND INTERSECTIONS BY RIGHT ANGLE DOWELS 2'-0" LONG EACH LEG OUTSIDE FACE ONLY, THE DOWELS SHALL EQUAL THE LONGITUDINAL REINFORCEMENT.

DESIGNER'S NOTES

THE STRUCTURAL DESIGN WAS PREPARED USING THEFOLLOWING DATA.

DESIGN LOADS

ROOF	= 25 PSF
FLOOR	= LIGHT LOADING (5,000 LBS, WHEEL LOAD)
MONORAIL	= 2,000 LBS + 25% IMPACT
WIND	
WINDARD	= 21.9 PSF
LEEWARD	= 13.7 PSF
SEISMIC ZONE	= 1 (EAST OF 106° LONGITUDE)
Z	= 0.25

DESIGN STRESSES

STRUCTURAL STEEL ASTM A-36, Fy = 36 KSI

REINF. STEEL

#3 BARS & SMALLER ASTM A615-GR. 40, Fy = 40 KSI

#4 BARS & LARGER ASTM A615-GR. 60, Fy = 60 KSI

ALLOWABLE SOIL PRESSURE = 1500 PSF

DATE	DESCRIPTION	MADE	APPR'D
5-1-78	REVISED TO SHOW "AS-BUILT" CONDITIONS.	S.P.S.	J.J.G.
3-14-75	AM #0002 GENERAL REVISIONS		

REVISIONS

HAMM & KESSLER, INC
PROFESSIONAL ENGINEERS
2825 N. MAYFAIR RD. MILWAUKEE, WISC. 53222

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

DESIGNED BY: R.C.H.
DRAWN BY: C.W.
CHECKED BY: R.C.H.
SUBMITTED BY: R. C. Hamm ARCHITECT-ENGINEER
RECOMMENDED: H. E. Hoemann CHIEF, DESIGN BRANCH
APPROVED: Russell A. Glenn COL., C. E., DISTRICT ENGINEER

GENERAL BILLY MITCHELL FIELD WISCONSIN

AGE SHOP

STRUCTURAL FOUNDATION PLAN

APPROVED: D. R. Burnett CHIEF, ENGINEER DIVISION

FEBRUARY 1975

SCALE: AS SHOWN

SPEC. NO. DACA 45 75 B 0119

DRAWING NUMBER AW 35-32-02

SHEET A-6

THIS PLAN ACCOMPANIES CONTRACT No. DACA45 75 C 0217 MODIFICATION No.

SAFETY DAY

DRAWER No. XO 11 No. 69-26 RECORD

219-016 S Dt