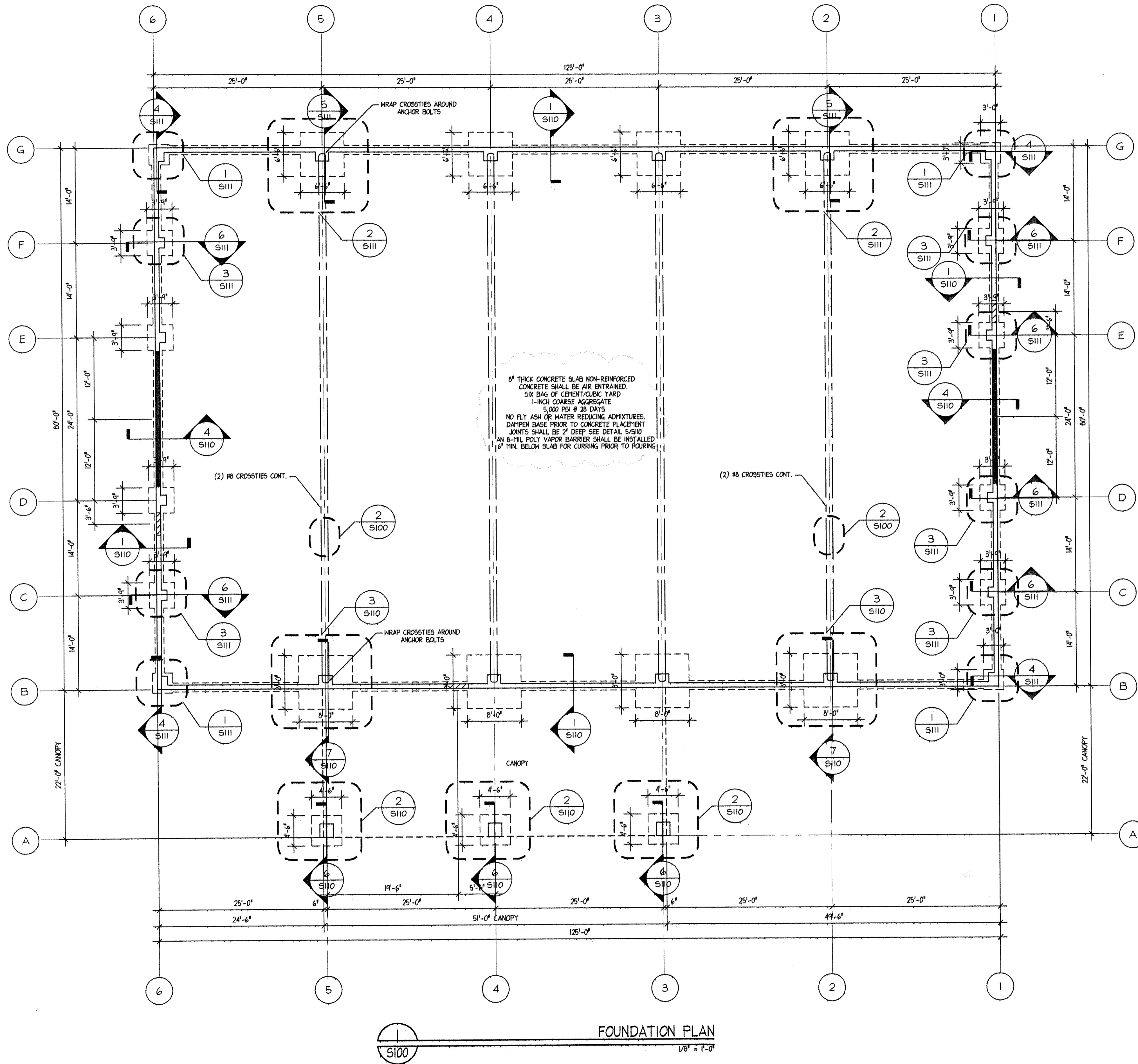


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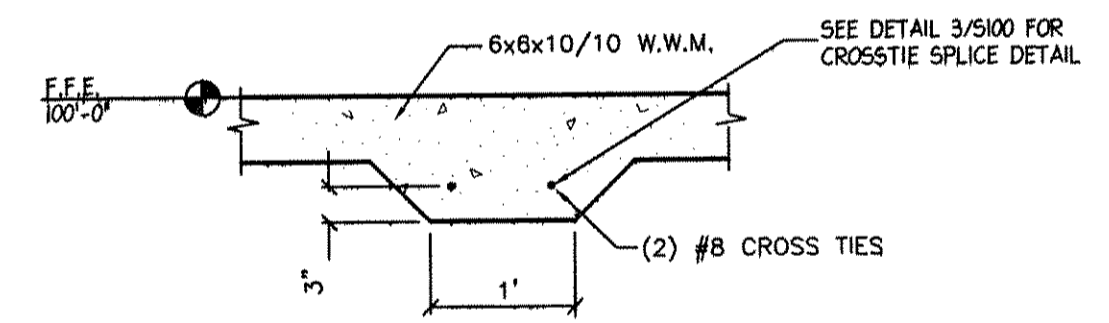
8" THICK CONCRETE SLAB NON-REINFORCED
 CONCRETE SHALL BE AIR ENTRAINED.
 SIX BAGS OF CEMENT PER CUBIC YARD
 1-INCH COARSE AGGREGATE
 5,000 PSI @ 28 DAYS
 NO FLY ASH OR WATER REDUCING ADJUSTERS.
 DAPPEN BASE PRIOR TO CONCRETE PLACEMENT
 JOINTS SHALL BE 2" DEEP SEE DETAIL S/510
 AN 8-MIL POLY VAPOR BARRIER SHALL BE INSTALLED
 1/2" MIN. BELOW SLAB FOR CURRING PRIOR TO POURING

FOUNDATIONS
 A. BACKFILL COMPACTION SHALL BE TO A MINIMUM OF 95% OF THE MODIFIED PROCTOR DENSITY
 B. DESIGN NET SOIL BEARING CAPACITY IS 3,000 PSF PRESUMED

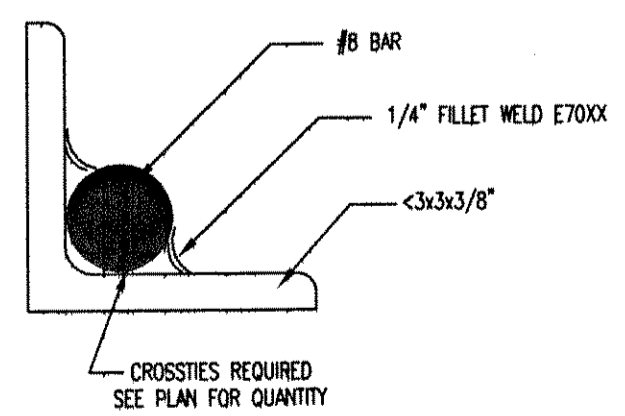
DESIGN LOADS
 A. 40 PSF SNOW LOAD
 B. 3 PSF COLLATERAL LOAD
 C. 20 PSF WIND LOAD

PLAIN AND REINFORCED CONCRETE
 A. DESIGN CODES
 1. STRUCTURAL PLAIN CONCRETE (ACI-318) LATEST EDITION
 2. BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI-318) LATEST EDITION
 B. MATERIAL STRENGTHS
 1. CONCRETE - FC AT 28 DAYS
 A) FOOTINGS - FC=3,000 psi 0" MAXIMUM SLUMP
 B) SLABS ON GRADE - FC=5,000 psi 3 1/2" MAXIMUM SLUMP
 C) EXTERIOR SLABS, ECI - FC=4,000 psi 3 1/2" MAXIMUM SLUMP SIX TO SEVEN PERCENT ENTRAINMENT BY VOLUME
 2. REINFORCING STEEL
 A) ASTM A615 GRADE 60, GRADE 40 FOR STIRRUPS AND TIES

C. NOTES
 1. REFER TO SITE PLANS AND DETAILS FOR EXTERIOR CONCRETE
 2. CONTROL JOINTS NOT TO EXCEED 31' x 40' AS PER BID SPECIFICATIONS



2 CROSS TIE SECTION
 S100 DETAIL # F-1008 3/4" = 1'-0"



3 CROSSTIE DETAIL @ SPLICE
 S100 DETAIL # F-3000 N.T.S.

1 FOUNDATION PLAN
 S100 1/8" = 1'-0"

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REVISIONS

NUMBER	DATE	BY	DESCRIPTION

LINCOLN COUNTY HIGHWAY DEPARTMENT
 MERRILL, WI

PROJECT

CONSULTANT

DRAWN BY Ellen Kaldurski	DATE 5/16/01
CHECKED BY	DATE
SCALE 1/8" = 1'-0"	FILE NAME 01516S100
CONTRACT NUMBER 01-166	
DRAWING NUMBER 01516	
DESCRIPTION FOUNDATION PLAN	
SHEET NUMBER S100	
ENDING ORDER SHEET OF	