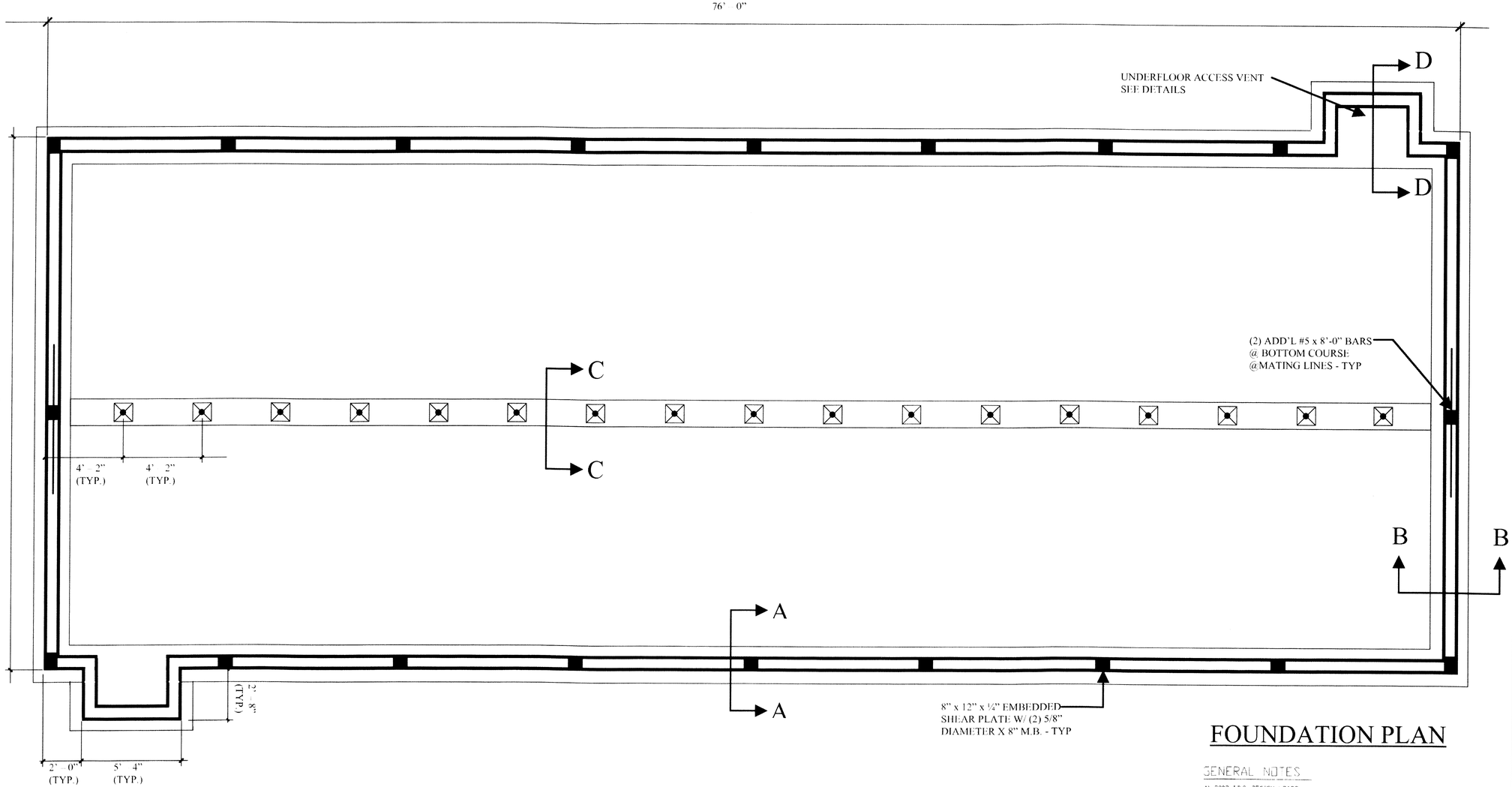
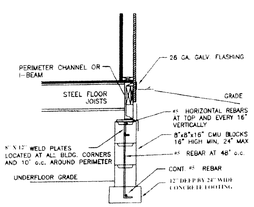


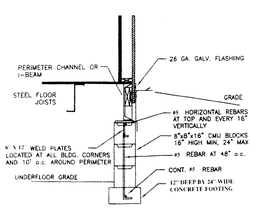

# FOUNDATION PLAN

## GENERAL NOTES

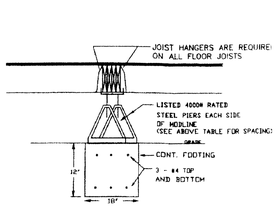
1) 2003 I.B.C. DESIGN LOADS
ROOF LOADS: 20, 30, AND 40 psf
FLOOR LIVE LOADS: 40 psf, 50 psf, 75 psf, 100 psf and 125 psf
WIND LOAD: 90 mph, Exp. C
SEISMIC ZONE 2B AND 4
ALLOWABLE SOIL BEARING PRESSURES: 1000, 1500, AND 2000 psf
2) ALL PIERS AND TIEDOWNS TO BE LISTED FOR THE CAPACITIES SHOWN ON THESE PLANS. ALL PRODUCTS MUST BE INSTALLED AS PER THEIR LISTING AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
3) ALL WOOD PIER PADS TO BE TREATED OR MUST BE FOUNDATION GRADE CEDAR OR REDWOOD.
5) ALL CONCRETE TO HAVE AT LEAST A 2000 PSI COMPRESSIVE STRENGTH AT 28 DAYS.
6) ALL MASONRY TO COMPLY WITH UBC STANDARD 21-4. ALL GROUT TO COMPLY WITH 21-15 AND 21-16. GROUT TO COMPLY WITH 21-18 AND 21-19.
7) STEEL REINFORCEMENT TO COMPLY WITH ASTM A615 A616, OR A 617 GRADE 40 (Fy = 40,000 psi)
8) ANCHOR BOLTS TO BE ASTM A307 OR BTR STEEL. ALL OTHER STEEL TO BE ASTM A36 OR BTR.
9) UNDERFLOOR VENTILATION MUST COMPLY WITH I.B.C. SECTION 1203.3
10) SIDEWALL PIERS OR STRUCTURAL SKIRTING MAY BE REQUIRED ON WIDE MODULE BUILDINGS OR BUILDINGS WITH LARGE SIDEWALL OPENINGS (WINDOWS, RECESSED PORCHES, LARGE DOORS) IN ORDER TO PREVENT EXCESSIVE FLOOR CROWNING AND DOOR RACKING.



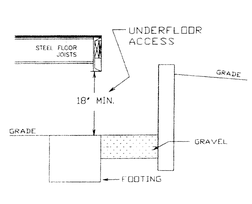

SECTION A-A SIDEWALL DETAIL
N.T.S.



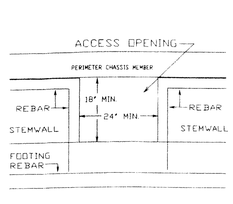

SECTION B-B ENDWALL DETAIL
N.T.S.




SECTION C-C MODLINE DETAIL
N.T.S.




SECTION D-D FOUNDATION ACCESS
N.T.S.




REINFORCEMENT AROUND ACCESS
N.T.S.

Registered Professional Engineer Certification
32395
R. MARK STEELE
Date Signed 10-15-10
Arizona U.S.A.

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Trowbridge
PRECISION CONSTRUCTION LLC.

NNSDP MODULAR OFFICE BUILDINGS
SCHEMATIC FOUNDATION PLAN

Proj #: 0816
Date: 02-15-10
Drawn By: SPM
Scale: NTS