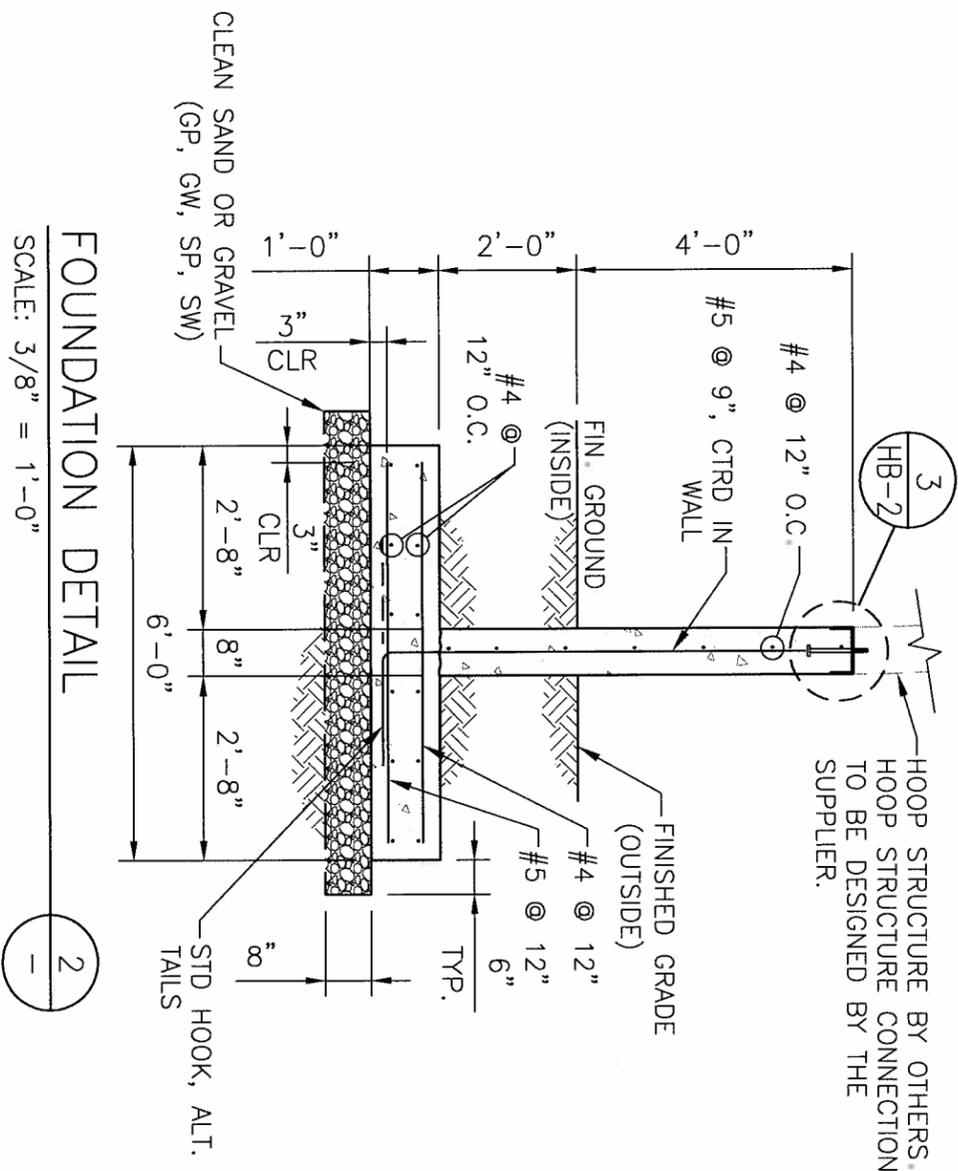


HOOP STRUCTURE TYPICAL SECTION
SCALE: 1/8" = 1'-0"



FOUNDATION DETAIL
SCALE: 3/8" = 1'-0"

NOTES:
1. THIS STRUCTURE BEEN DESIGNED FOR A MAXIMUM SNOW OR ROOF LIVE LOAD OF 60 PSF. IF THE DESIGN GROUND SNOW LOAD AS REQUIRED BY THE LOCAL JURISDICTION OR LOCAL BUILDING INSPECTOR EXCEEDS 60 PSF, THIS DESIGN SHALL NOT BE USED.

2. HOOP STRUCTURE SHALL BE DESIGNED BY THE MANUFACTURER. HOOP STRUCTURE SHALL BE DESIGNED TO SATISFY LOCAL SNOW AND ROOF LIVE LOAD REQUIREMENTS.

3. THIS STRUCTURE HAS BEEN DESIGNED FOR A MAXIMUM DESIGN WIND SPEED = 85 MPH. IF THE DESIGN WIND SPEED AS REQUIRED BY THE LOCAL JURISDICTION OR LOCAL BUILDING INSPECTOR EXCEEDS 85 MPH, THIS DESIGN SHALL NOT BE USED.

4. WALLS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE 2006 IBC, ACI 318-05 AND ACI 350-01.

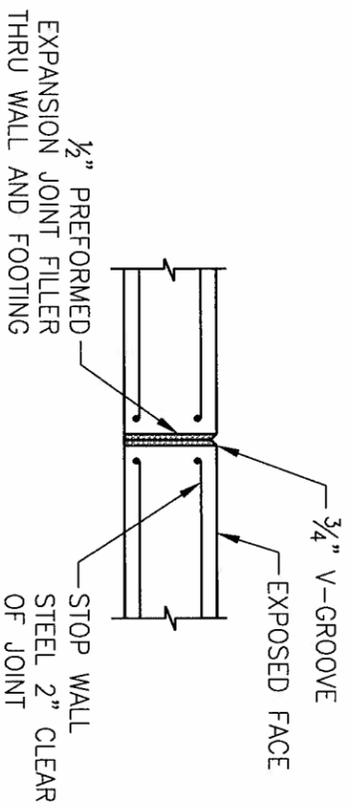
5. DESIGN LOADS:
SOIL UNIT WT=120 PCF
ACTIVE SOIL PRESSURE=45 PCF
CONCRETE/SOIL FRICTION=0.50

ALLOWABLE LOADS:
MIN. ALLOWABLE BEARING PRESSURE=2000 PSF
PASSIVE SOIL PRESSURE=150 PCF

CONCRETE:
F_c'=4000 PSI
SLUMP=5" MAX.
AIR ENTRAINMENT=5-8%

REINFORCING STEEL=ASTM A706 OR A615, GRADE 60.

6. PLACE EXPANSION JOINTS THROUGH WALL ONLY. PLACE EXPANSION JOINTS AT APPROX. 48'-0" CTRS.



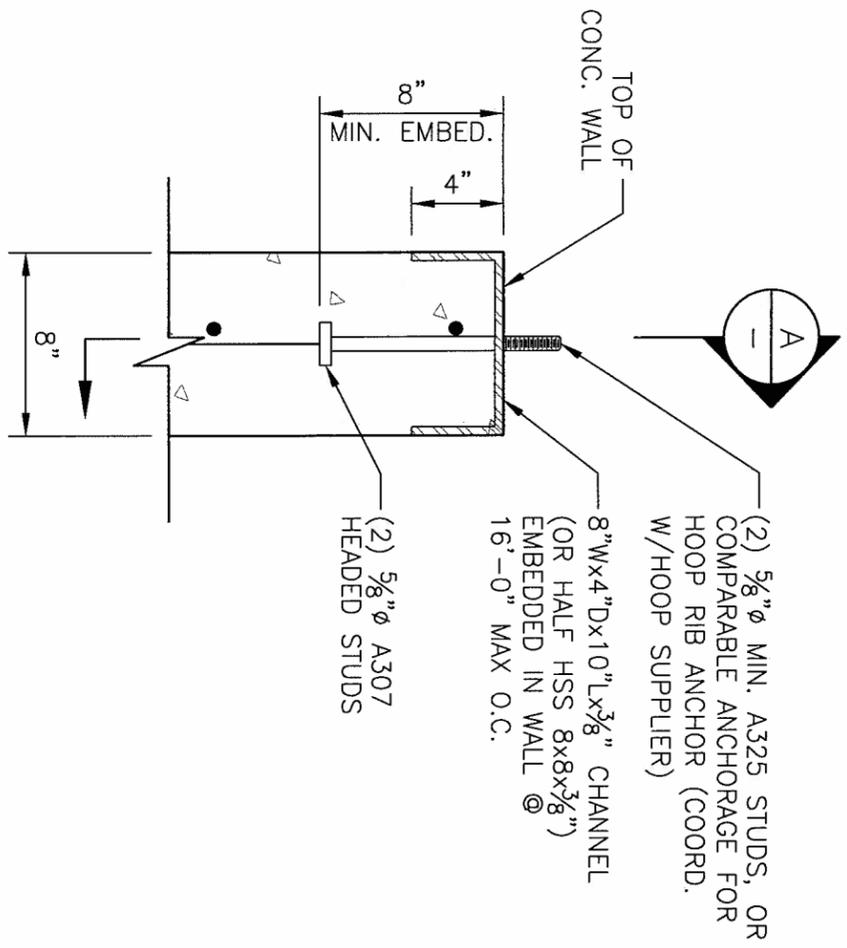
EXPANSION JOINT (PLAN VIEW)
(WITHOUT SCORING)
SCALE: NTS



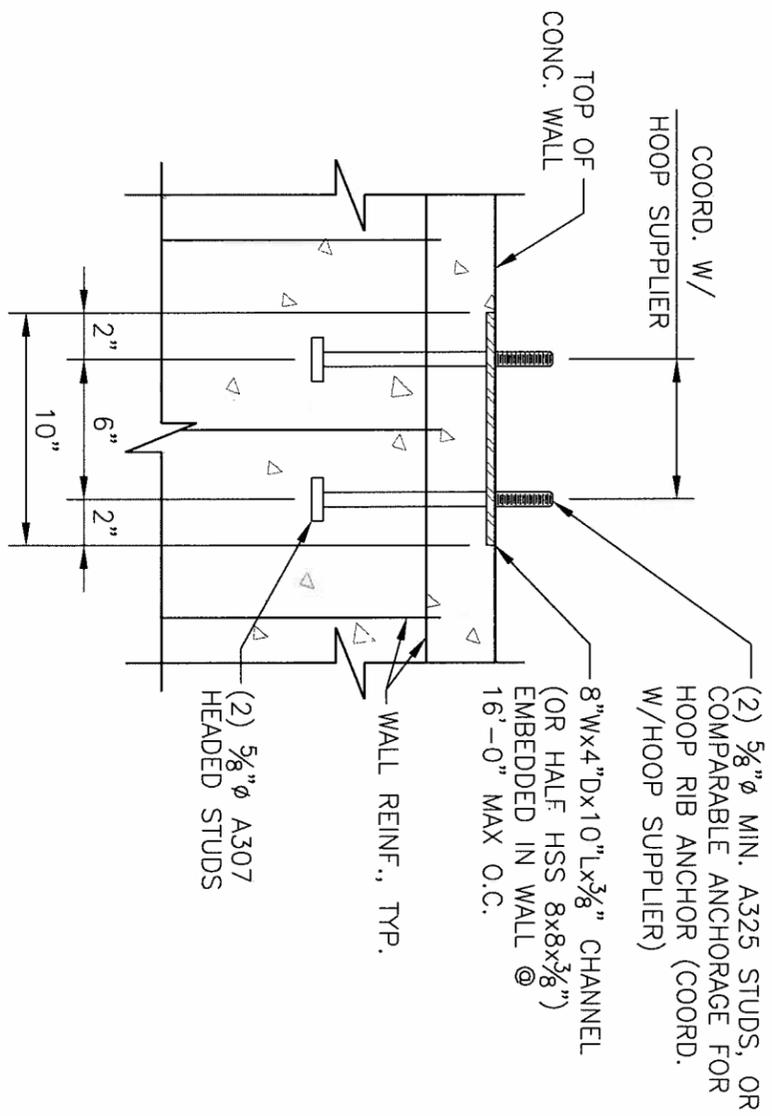
	Date
Designed C. BOYD	01/29/09
Drawn R. WOOD	01/29/09
Checked D. AXNESS	01/29/09
Approved M. McMILLEN	01/29/09

40' HOOP FOUNDATION
STANDARD DRAWING
TYPICAL SECTION AND NOTES





HOOP ANCHOR DETAIL 3
 SCALE: 1 1/2" = 1'-0" HB-1



SECTION A
 SCALE: 1 1/2" = 1'-0" -

FOUNDATION
 QUANTITIES

CONC. CY/LF*	REINF. STEEL LB/LF*
0.74	64.8

*QUANTITIES FOR (2) FOOTINGS



	Date
Designed <u>C. BOYD</u>	<u>01/29/09</u>
Drawn <u>R. WOOD</u>	<u>01/29/09</u>
Checked <u>D. AXNESS</u>	<u>01/29/09</u>
Approved <u>M. McMILLEN</u>	<u>01/29/09</u>

40' HOOP FOUNDATION
 STANDARD DRAWING
 TYPICAL DETAIL AND SECTION

