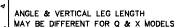




Minimum Concrete Cover:	
(a) Concrete Cast against earth:	3"
(b) Concrete exposed to earth or weather:	2"
No. 6 through No. 10 bars:	1.5"
No. 5 bar and smaller:	1.5"
(c) Concrete not exposed to earth or weather:	0.75"



ANCHOR LOCATIONS =  
 \* SOLID ENDWALL = 9" FROM BUILDING CENTERLINE, THEN 18" C.T.C.  
 \* OPENING ENDWALL = 2" FROM DOOR FRAME OPENING, THEN 18" C.T.C.

**FOUNDATION NOTES**


NOTE: THE FOUNDATION ON THE DRAWING SPECIFIES THE MINIMUM REQUIREMENT. A LOCAL BUILDING CODE AND SITE CONDITIONS MAY REQUIRE A STRONGER FOUNDATION, WHICH MUST BE DESIGNED BY A LOCAL ENGINEER.

1. THE FOUNDATION SHALL BE FOUNDED ON NATURAL UNDISTURBED SOIL CAPABLE OF SAFELY SUSTAINING 1500 psf. THIS SHALL BE DESIGNED TO FULLY RESIST ALL ROTATION AT THE BASE OF THE ARCH.
2. SLAB ON GRADE SHALL BE PLACED ON WELL COMPACTED SOIL CAPABLE OF SUSTAINING 1500 psf WITHOUT APPRECIABLE SETTLEMENT.

DESIGN DATA (MATERIALS)

1. CONCRETE  $F'_c = 2500$  PSI @ 28 DAYS, ACI
2. REINFORCING STEEL GRADE 40,  $F_y = 40$  KSI, ASTM A615
3. W.W.R.  $F_y = 65$  KSI, ASTM A185.
4. W.W.R.  $6 \times 6 - W14 \times W14$

ARCH DATA



24"

7.5"

ENDWALL DATA



18"

7"

3.25"

**LEGAL NOTE**  
the property of Future Steel Buildings Intl. Corp. Any  
drawing in whole or in part is strictly forbidden. Anyone  
will be prosecuted under the full extent of the law.

METHODS:	
Future Steel Buildings Intl. Corp.	
220 Chrysler Drive, Brampton, Ontario, Canada, L6S 6B6, Phone: (905) 790-85	
N.T.S.	
SCALE:	APPROVED BY:
2004-02-18	
DATE:	CHECKED BY:
PROJECT:	
X28-16	
W.C.D.	W.C.D.