



$\theta = 0^\circ$  TO  $5^\circ$  FOR 3' WIDE BEAMS \*  
 $\theta = 0^\circ$  TO  $4^\circ$  FOR 4' WIDE BEAMS \*

$\theta$  OVER  $5^\circ$  TO  $18^\circ$  FOR 3' WIDE BEAMS \*  
 $\theta$  OVER  $4^\circ$  TO  $14^\circ$  FOR 4' WIDE BEAMS \*

$\theta$  OVER  $18^\circ$  TO  $30^\circ$  FOR 3' WIDE BEAMS \*  
 $\theta$  OVER  $14^\circ$  TO  $26^\circ$  FOR 4' WIDE BEAMS \*

$\theta$  OVER  $26^\circ$  TO  $30^\circ$  FOR 4' WIDE BEAMS \*

\* AS AN OPTION THE FABRICATOR MAY MAKE PROVISION FOR GREATER INTERCHANGEABILITY OF INTERIOR BEAMS BY FURNISHING DOUBLE TIE ROD HOLES IN THE DIAPHRAGMS AND PERMITTING ONE TIE ROD TO TIE TWO BEAMS TOGETHER.

**DIAPHRAGM PLACEMENT**  
 PROVIDE INTERMEDIATE DIAPHRAGMS AS FOLLOWS:  
 SPAN  $\leq 50'-0"$ , ONE DIAPHRAGM  
 50'-0" < SPAN  $\leq 75'-0"$ , TWO DIAPHRAGMS  
 SPAN > 75'-0", THREE DIAPHRAGMS

