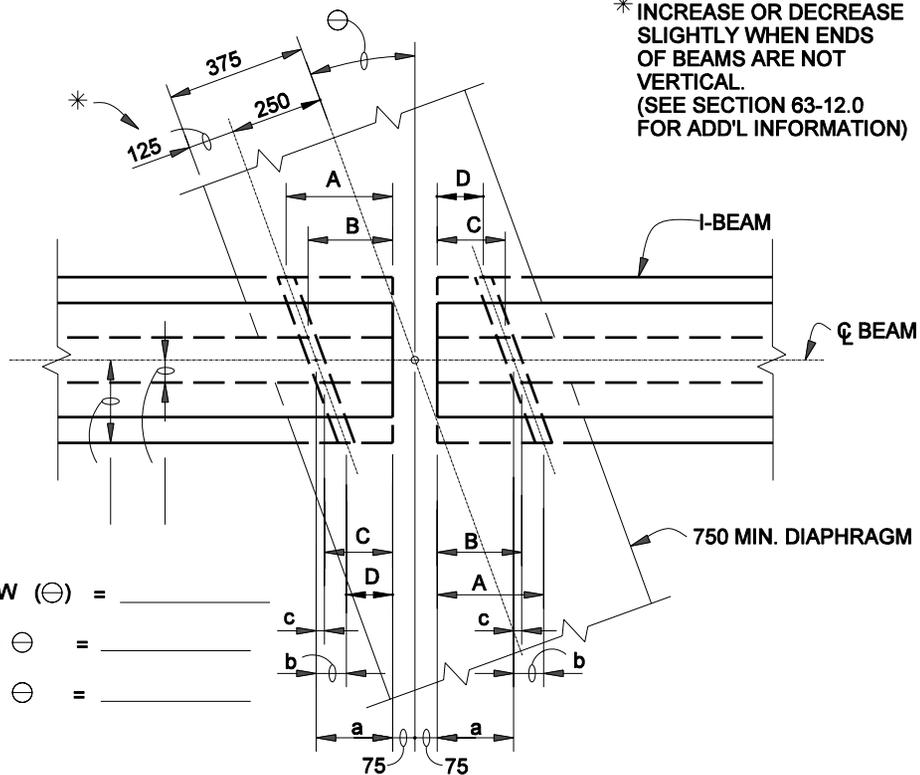


* THIS DIMENSION WILL INCREASE OR DECREASE SLIGHTLY WHEN ENDS OF BEAMS ARE NOT VERTICAL. (SEE SECTION 63-12.0 FOR ADD'L INFORMATION)



SKEW (Θ) = _____
 COS Θ = _____
 TAN Θ = _____

$a = (250 - \text{COS } \Theta) - 75 = \underline{\hspace{2cm}}$

$b = \frac{1}{2} \text{ BOTT. FLANGE} \times \text{TAN } \Theta = \underline{\hspace{2cm}}$

$c = \frac{1}{2} \text{ WEB} \times \text{TAN } \Theta = \underline{\hspace{2cm}}$

$A = a + b = \underline{\hspace{2cm}}$

$B = a + c = \underline{\hspace{2cm}}$

$C = a - c = \underline{\hspace{2cm}}$

$D = a - b = \underline{\hspace{2cm}}$

} DIFF. = _____

} DIFF. = _____

} MAKE EQUAL

NOTE: IF D DIMENSION IS LESS THAN 50, THEN USE LARGER DIAPHRAGM.

I-BEAM
 HOLES AT PIER DIAPHRAGM
 Figure 63-16T