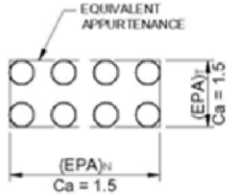
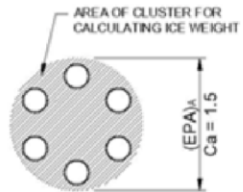


NO ICE CONDITION

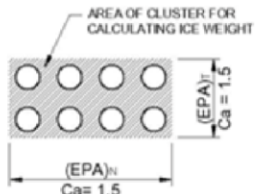


NO ICE CONDITION

Figure 2-12



ICE CONDITION



ICE CONDITION

Figure 2-12

See Section 2.6.9.5 and Figure 2-12 C_a shall be defined by Figure 2-12 if considered as a group or 1.2 if the line is part of a cluster or block.

Calculate Area, Gross Width (with and without ice) of the cluster or block in the Normal and Transverse Directions $(EPA)_N$ and $(EPA)_T$

Is the line or line cluster within the cross section of the tower or within the face zone

Is the line subjected to Supercritical or Transitional Flow?

Calculate $K_a = (1 - \epsilon)$
See Section 2.6.9.2

Calculate $(EPA)_A$ Based upon orientation to the wind.

$K_a = 1.0$

Is the line part of a Cluster or a Block?

If $[Total (EPA)_A]$ is greater than $[Cluster (EPA)_A]$ use $[Cluster (EPA)_A]$

END

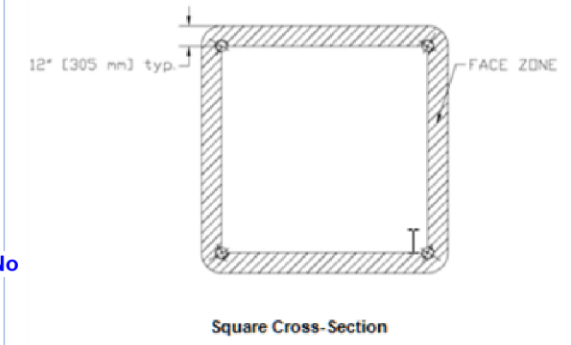
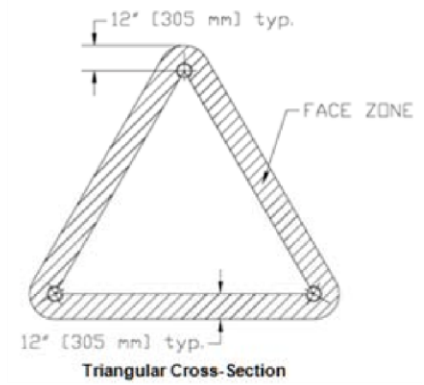


Figure 2-3: Face Zone for Appurtenances

TIA-222-G
Determination of K_a for Feed Lines
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