

LOCATION OF PAD-MOUNTED TRANSFORMERS

FIGURE 9A

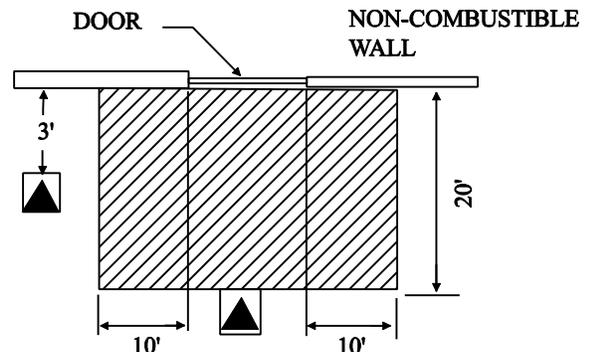
1. NON-COMBUSTIBLE WALLS

(Included in this class would be wood framed brick veneered buildings, metal clad steel framed buildings, and masonry buildings.)

Pad-mounted oil insulated transformers may be located a minimum distance of 3' from non-combustible walls if all the following clearances are maintained from doors, windows and other building openings. The immediate terrain adjacent to the transformer shall be sloped away from the buildings. If a combustible first floor overhang exists, a 25' distance from the edge of the transformer to the edge of the overhang (combination of vertical and horizontal distance) shall be required in addition to the other clearance as shown.

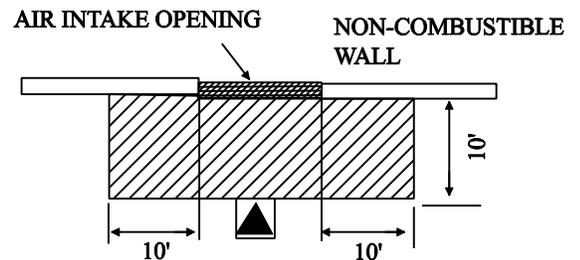
a. DOORS

Pad-mounted oil insulated transformers shall not be located within a zone extending 20' outward and 10' to either side of a building door.

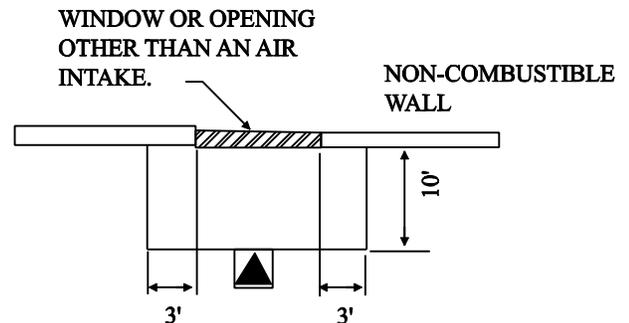


b. AIR INTAKE OPENINGS

Pad-mounted oil transformers shall not be located within a zone extending 10' outward and 10' to either side of an air intake opening located at the level of the transformer. If the air intake opening is located above the transformer level, the distance from the transformer to the opening shall be a minimum of 25'.



The above term "level of the transformer" is to be interpreted as within 10' of the ground.



c. WINDOWS OR OPENINGS OTHER THAN AIR INTAKE

First Story

Pad mounted oil insulated transformers shall not be located within a zone extending 10' outward and 3' to either side of a building window or opening other than an air intake.

Second Story

Pad-mounted oil insulated transformers shall not be located less than 5' from any part of a second story window or opening other than an air intake.

