

Electric Service Requirements Manual White Paper for **INTERNAL** and **EXTERNAL** use

Subject: Firewalls (Blast Walls)

As specified in Section 4, if a transformer installation location cannot meet the clearance requirements from fuel storage, a blast wall may be constructed. A blast wall is an acceptable barrier between a fuel storage tank and the transformer.

The blast wall must be built with at least 3 feet of clearance around any side of the transformer pad lid, and 10 feet of clearance from the front. The blast wall shall be constructed of masonry or 6-inch concrete, shall have adequate footings and structural reinforcement; it shall be built to an engineered design.

The height and width of the wall shall provide a barrier such that no part of the transformer is in view of the storage facility or the equipment connected to it (i.e., the generator, valves, or filling locations).

