



CARDLOCK VENDING

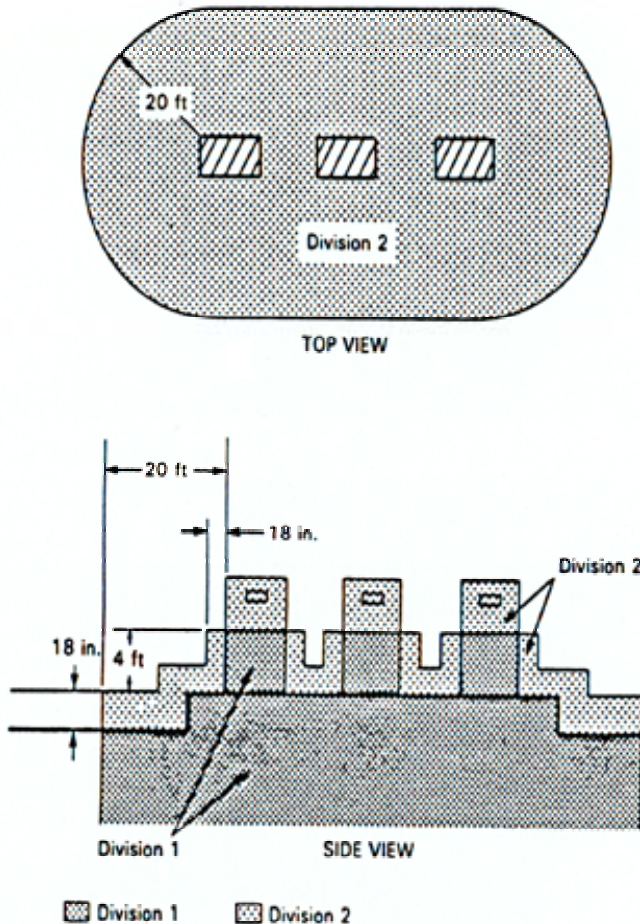


Figure 514-1. Extent of Class I location around gasoline dispensing units (except overhead type).

It is important to note that all conductors of a circuit, including the grounded conductor, that may be present within a dispensing device are required to be provided with a switch or special-type circuit breaker that will simultaneously disconnect all conductors. The intent is that no energized conductors be in the dispenser vicinity during maintenance or alteration. Considering possible accidental reversal of the polarities of conductors at panelboards, the grounded conductor must be able to be switched to the open or off position. Grounded conductors may be present in old-style pump motors, or they may pass through a dispenser as part of a circuit for the island lighting.

Since a fire or large gasoline spill at the dispensing island may make it impossible to operate the switches on the dispensing island that shut off the flow of gasoline, paragraph 4-1.2 of NFPA 30A, *Automotive and Marine Service Station Code*, requires an easily accessible and clearly identified emergency power cutoff to be provided at a location remote from the dispensing device. The term "clearly identified" means that a sign is to be posted indicating where the cutoff switch is located. This emergency power cutoff should be readily accessible and not blocked

Division 1 is the area around the gasoline or diesel dispensers within the cabinet and the soil beneath the dispensers.

Division 2 is the area 0" to 18" above grade and 0" to 18" away from the islands out to a distance of 20'.

This means that Cardlock Vending's oil machines can be installed on top of the islands as long as there is an 18" horizontal gap or space between the vending machine and the dispensers.

They can be installed at grade level as long as they are both 18" from the edge of the islands and 18" from any gasoline dispensers.

Always follow the local codes and the national electric codes when installing Cardlock Vending equipment. This is true at fueling islands as well as any other locations.