

Racking and/or Storage Layout Requirements

A floor plan shall be submitted, with the plans, for review. Once reviewed and released, it shall be mounted on a wall and protected from damage.

The floor plan shall illustrate the following:

1. Locations, dimensions, and rack layout of storage areas.
2. Design storage height for each storage area.
3. Types of commodities.
4. Commodity clearance between top of storage and the sprinkler deflector for each storage arrangement.
5. Aisle dimensions between each storage array.
6. For palletized and solid-piled storage, the maximum pile volume for each storage array.
7. Location and classification of commodities in accordance with Section 3203 of the 2021 International Fire Code or 2019 NFPA 13. The most restrictive will apply.
8. Location of required fire department access doors.
9. Location of valves controlling the water supply of ceiling and in-rack sprinklers.