



THE CITY OF SAN DIEGO

Fire and Life Safety Services

Sprinkler Policies
Policy FS - 0404
(revised March 2007)

Sprinkler Shell Building Densities Article 81 High Piled Stock

All shell buildings that are sprinklered, without specific tenants, and that can be used for high piled storage, shall have sprinkler systems either capable of providing a density of 0.45 gallons per minute per square foot for the most remote 3000 square feet. Sprinkler shall have a minimum K-factor of 11.2 and shall be listed for storage applications. This design criterion is based on rack storage of non-encapsulated Class IV commodity to a height of 20 feet with 286 deg F sprinklers and 8 foot aisles. An ESFR system is also an acceptable option.

Underground fire service main shall be 8 inch minimum.