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DEPARTMENT OF FIRE-RESCUE

High-Piled Storage Fact Sheet

Based on requirements from the 2019 California Fire Code, the City of Santa Fe Springs Department of Fire-Rescue requires a high-piled combustible storage permit to be obtained for any high-piled storage exceeding 500 square feet within a building which is designated, intended, proposed or actually used for high piled combustible storage.

High-piled combustible storage is storage of combustible materials in closely packed piles or combustible materials on pallets, in racks or on shelves where the top of storage is greater than 12 feet in height. High-piled combustible storage also includes certain high-hazard commodities, such as rubber tires, Group A plastics, flammable liquids, idle pallets and similar commodities, where the top of storage is greater than 6 feet in height.

The City of Santa Fe Springs Building & Safety Department requires a building permit for any racks or shelving 8 feet or more in height. If a permit has not been obtained you will be required to submit a plan for approval and permit to the City of Santa Fe Springs Building and Safety Department. You can contact them at (562) 868-0511 with any questions.

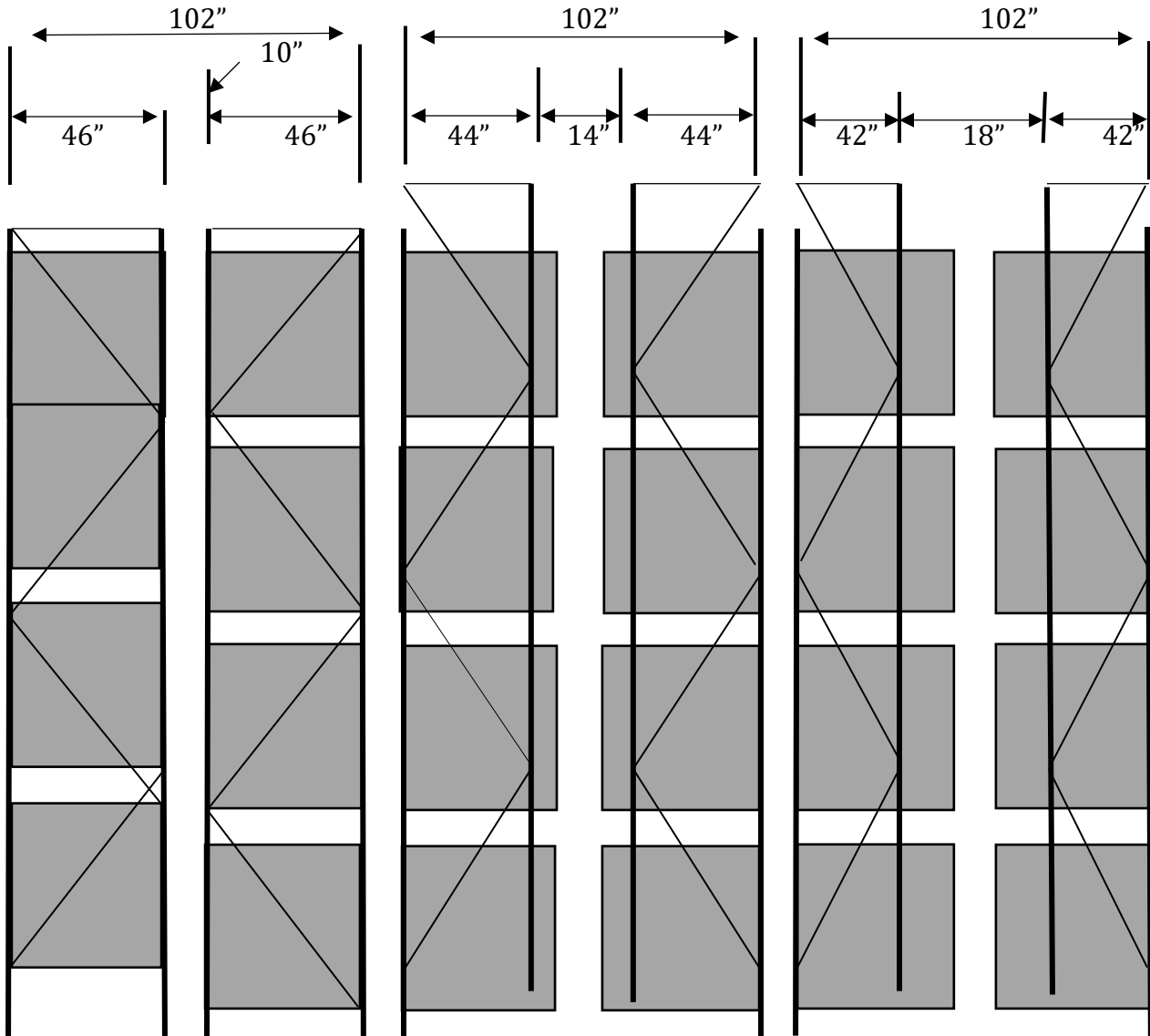
At the time of permit application, plans and specifications including the information below shall be submitted for review and approval. Following approval of the plans, a copy of the approved plans shall be maintained on the premises in an approved location. A floor plan, of legible size, shall be provided, mounted on a wall and protected from damage in accordance with CFC 3201.3.2. The plans shall include the following:

1. Floor plan of the building showing locations and dimensions of high-piled storage areas. Area of high pile storage protection shall extend 15 feet beyond the high-piled storage area or to a permanent partition.
2. Useable storage height for each storage area and the maximum ceiling height.
3. Number of tiers within each rack, if applicable.
4. Commodity clearance between top of storage and the sprinkler deflector for each storage arrangement.
5. Aisle dimensions between each storage array.
6. Maximum pile volume (cubic feet) for each storage array.
7. Location and classification of commodities in accordance with Section 3203 of the 2019 California Fire Code.
8. Location of commodities that are encapsulated.
9. Location of required fire department access doors.
10. Type of fire suppression system and fire detection systems.
 - Sprinkler design density (located on the fire sprinkler riser)
 - Fire sprinkler head temperature
 - In-rack fire sprinklers and how many levels
 - Smoke detectors and/or heat detectors
11. Location of valves controlling the water supply of ceiling and in-rack sprinklers.
12. Type, location and specifications of smoke removal and curtain board systems. Must include details of the smoke and heat vents.
13. Dimensions and locations of transverse and longitudinal flue spaces. Transverse flue space is the space between rows of storage parallel to the direction of loading. Longitudinal flue space is the space between rows of storage perpendicular to the direction of loading.
14. Location and size of fire extinguishers – provide in accordance with Section 906 of the California Fire Code.

Once plans are approved and the work is completed, an inspection is required to verify that the work has been completed according to plans. After verification, an operational permit will be issued to the facility.

Juanita Martin, Mayor • Jay Sarno, Mayor Pro Tem
City Council
Annette Rodriguez • William K. Rounds • Joe Angel Zamora
City Manager
Tom Hatch, Interim City Manager

LOAD BEAM CONFIGURATION NOT REQUIRING PALLET STOPS



Notes:

1. Maximum Pallet Depth of 48 inches.
2. Storage only on load beam. No shelving, wire mesh grating, or pallet supports are allowed.
3. 6 inch flue space shall be maintained at all times.
4. When 42 inch uprights are utilized with an 18 inch row spacer and a typical 48" x 40" pallet is used, no pallet stops are required.
5. When 44 inch uprights are utilized with an 14 inch row spacer and a typical 48" x 40" pallet is used, no pallet stops are required.
6. When 46 inch uprights are utilized with an 10 inch row spacer and a typical 48" x 40" pallet is used, no pallet stops are required.