City of Ashland Building Safety Division
51 Winburn Way • Ashland, OR 97520
Phone (541) 488-5305 • Fax (541) 488-6066
Email: Building@ashland.or.us

High-Piled Combustible Storage
Owner's Statement of Intended Use

Project name: _____

Tenant name: _____ Phone: _____

Owner name: _____ Phone: _____

Job address: _____

HIGH-PILED COMBUSTIBLE STORAGE. 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. Where required by the *building official*, *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

Please check one box below, sign, and return this form to the Medford Building Department.

[ ] This building **will not** be used for high-piled combustible storage as defined by the Oregon Structural Specialty Code for areas exceeding 500 square feet:
• Storage in piles or on pallets, shelves or racks where the commodity exceeds 12 feet in height, or,
• Tires, Group A plastics, flammable liquids, idle pallets, or similar high hazard commodities stacked or stored more than 6 feet above the floor.

[ ] This building **will** be used for high-piled combustible storage and will be designed to conform to the Oregon Structural Specialty Code. (NOTE: If you check this box, the building department will ask you to provide additional information (Refer to high piled combustible storage checklist on the next page).

[ ] A tenant has not been identified at this time. I will notify any future tenant that there may be special building department requirements for high-piled combustible storage, and the tenant will be advised to contact the Building and Fire Departments prior to occupancy.

I declare that, to the best of my knowledge, the responses made herein are true and correct.

_____ _____ _____

Name of Owner/Authorized agent Signature Date

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If you checked the box for storage of high piled combustible commodities, please provide the documentation listed below for review. Because this information is used for an operational permit through the fire department, the construction documents should be prepared by an Oregon licensed design professional in accordance with the Oregon Fire Code as required by the Medford Fire Department. See also ORS 671 and ORS 672 for additional design professional responsibilities.

1. Floor plan of the building showing locations and dimensions of *high-piled storage areas*.

2. Usable storage height for each storage area.

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 for each *storage array per table 435.5.1 OSSC*.

7. Total volume of high piled storage per table 435.5.1 OSSC

8. Location and classification of commodities in accordance with Section 435.3 OSSC (Information of commodity typically provided for by the supplier).

    a. Provide a description of materials, include description of product packaging and type of pallets

    b. For each type of cartoned commodity, provide % by weight group A unexpanded plastic and % by volume expanded group A plastic per 435.3.8(1)

    c. For each type of exposed commodity, provide % by weight group A unexpanded plastic and % by volume expanded group A plastic per 435.3.8(2)

    d. Type of pallets if any i.e. wood, reinforced plastic, unreinforced plastic or other plastic

9. Location of commodities that are banded or encapsulated.

10. Location of required fire department access doors per 435.8 OSSC.

11. Type of fire suppression and fire detection systems per 435.6 and 435.7 OSSC.

12. Location of valves controlling the water supply of ceiling and in-rack sprinklers.

13. Type, location and specifications of smoke removal and curtain board systems per 435.9 and 910 OSSC.

14. Dimension and location of transverse and *longitudinal flue spaces in racking per 435.13.2 OSSC*.

15. Additional information regarding required design features, commodities, storage arrangement and fire protection features within the *high-piled storage area* shall be provided at the time of permit, where required by the *building official.*

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FIRE SPRINKLER REQUIREMENTS - Complete the applicable information below.

System 1: Storage Area Description: _____
System Type:
☐ **Control Mode Density Area CMDA**
☐ **Early Suppression Fast Response ESFR**
☐ **Control Mode Specific Application CMSA**
☐ **Other _____**

Ceiling Sprinklers:	**In-Rack Sprinklers: ☐Yes ☐No If Yes, complete Items 9**
1. NFPA 13 Section/Table/Figure/Curve: _____	
2. Sprinkler K-Factor: _____	9. NFPA 13 Table or Curve: _____
3. Design area: _____ sq ft Density:_____gpm/sq ft	10. Number of levels of in-rack sprinklers:_____
4. Sprinkler heads calculated at psi: _____	11. Number of design in-rack sprinklers:_____
5. Hose stream allowance: ____gpm for ___ min	12. Minimum in-rack pressure calc: _____psi
6. Sprinkler link temperature: _____ °F	13. Other sprinkler information:
7. Density reduction for storage height? Yes/No Figure: _____	
8. Clearance above storage: _____ ft 9. Coverage area per Sprinkler _____sq ft	

System 1: Storage Area Description: _____
System Type:
☐ **Control Mode Density Area CMDA**
☐ **Early Suppression Fast Response ESFR**
☐ **Control Mode Specific Application CMSA**
☐ **Other _____**

1. NFPA 13 Section/Table/Figure/Curve: _____	**In-Rack Sprinklers: ☐Yes ☐No If Yes, complete Items 9-13 below.**
2. Sprinkler K-Factor: _____	9. NFPA 13 Table or Curve: _____
3. Design area: _____ sq ft Density:_____gpm/sq ft	10. Number of levels of in-rack sprinklers:_____
4. Sprinkler heads calculated at psi: _____	11. Number of design in-rack sprinklers:_____
5. Hose stream allowance: ____gpm for ___ min	12. Minimum in-rack pressure calc: _____ psi
6. Sprinkler link temperature: _____ °F	13. Other sprinkler information:
7. Density reduction for storage height? Yes/No Figure: _____	
8. Clearance above storage: _____ ft	

For City Use Only:
Approved by City Employee: _____ Date: _____