

## Rack Storage

### Type: Demo, Rack, Storage

#### Subtype: Rack

Revised: 01.2025

City of Tukwila - Permit Center  
6300 Southcenter Blvd, Suite 100,  
Tukwila, WA 98188

[www.tukwilawa.gov/departments/permit-center/](http://www.tukwilawa.gov/departments/permit-center/)



#### Commercial Rack Storage

This applies to commercial storage racks **more than 5 feet 9 inches high**. Please see [Permit Exemptions 2021 Code](#) for permitting requirements. The materials listed below must be submitted at the time of your application. Please ensure your files conform to City of Tukwila's electronic [Document Standards](#) prior to upload. Files that do not meet these requirements will result in the application being deemed incomplete.

**NOTE: All files must be PDF**

#### Applicable Regulations:

- [TMC Title 16 Buildings and Construction](#)
- [TMC Title 18 Zoning](#)
- [Public Works Infrastructure Design and Construction Standards](#)
- [Contractor and Business License](#)
- [Document Standards](#)

#### Resources:

- [Construction Portal & Fees](#)
- [Site Plan](#)
- [Cover Sheet](#)
- [Architectural Plans](#)
- [Structural Plans](#)
- [Special Inspection](#)
- [Washington State Energy Code Compliance Forms](#)

Required Documents	Attachment File Name
<b>Structural Plans</b> - prepared by a registered design professional	Structural Calculations
Washington State Department of Labor and Industries valid <a href="#">Contractors License</a>	Contractor License
Current City of Tukwila <a href="#">Business License</a> . <i>Not required if using the Owner Affidavit.</i>	Business License
<a href="#">Site Plan</a> Please see linked document for a more detailed description	Site Plan
Plans – Must be legible. Please ensure current IBC/IRC codes are clearly stated.	Attachment File Name
<a href="#">Cover Sheet</a> Please see linked document for a more detailed description	Cover Sheet
<a href="#">Architectural Plans</a> Please see linked document for a more detailed description. <b>Show proposed location of rack storage</b> with proposed use of each room labeled. <b>Overall building floor plans:</b> identify on the plan adjacent tenant use. <b>Emergency egress isle</b> , width and distance to emergency exit(s) with illuminated exit signs. Show proposed emergency illumination on the floor plan or separate illumination plan.	Architectural Plans
<b>All Racking must be labeled with a required load capacity and compliance plaque in accordance with the IBC- Include a sample with your plan submittal.</b>	
<a href="#">Structural Plans</a> - Prepared by a registered design professional	Structural Plans
<a href="#">Special Inspection</a> - Periodic special inspection is required during the anchorage of storage racks. Special inspection shall be performed by WABO certified inspector	Special Inspection
Additional Requirements	
<b>NOTE: 2021 ANSI MH16.1 Design, Testing, and Utilization of Industrial Steel Storage Racks</b>	
<b>Exit access.</b> Two exits are required for storage areas serving more than 49 occupants. Where two exits are required, identify the egress path (on the plan) connecting the two required exits.	
<b>Construction rack details.</b> Indicate the intended commodity to be stored on racks. All storage racks shall be mechanically anchored in place to resist displacement.	
<b>Storage racks eight feet or greater</b> in height shall be engineered and anchored or braced to resist overturning or displacement due to earthquake events.	
Additional permits may be required	
Fire permits may be required.	
There may be zoning, and environmental considerations surrounding the project as well, please contact <a href="mailto:Planning@TukwilaWA.gov">Planning@TukwilaWA.gov</a> with any questions.	