



# City of Tukwila

## RACK STORAGE

### Department of Community Development

6300 Southcenter Boulevard, Suite #100  
Tukwila, Washington 98188  
Phone: 206-431-3670  
Web site: <http://www.TukwilaWA.gov>

A PERMIT IS REQUIRED for all storage racks more than 5 feet 9 inches high.

### **DOCUMENTS**

- Completed Construction Permit Application
- Plan Review Fee – contact the Permit Center for fee estimate 206-431-3670
- Washington State Department of Labor and Industries valid contractor's license required at time of permit issuance.
- Current City of Tukwila business license required at time of permit issuance.

### **PLANS – 2 sets of working drawings and documents**

\* Minimum size 24" x 36"; all sheets shall be the same size.

\* All drawings shall be at a legible scale and neatly drawn.

\* Building site plans and scope of work plans are to be combined.

\* When structural design is required, all drawings and structural calculations sheets (2 sets) shall be signed and sealed by a Washington State registered professional engineer.

- Cover Sheet
  1. Index to drawings (list all drawings and sheet number)
  2. Site address and parcel number (if previously assigned)
  3. Building occupancy classification per 2009 International Building Code
  4. Project description.
  5. Building area (square footage of all floors and area of work)
- Site Plan (building site plan)
  1. North arrow.
  2. Location of driveways, parking, loading and service areas.
  3. Location and floor area of existing structure including dimensions.
- Floor plan. Show proposed location of rack storage with proposed use of each room labeled.
- Overall building floor plans: identify on the plan adjacent tenant use.
- Rack Storage. If adding new racks or altering existing rack storage, provide a floor plan identifying rack layout and location of all exit doors. Show dimensions of aisles; include dimensions of height, length, and width of rack.
- Exit access. 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. Means of egress illumination with emergency backup power is required for the egress path so identified. (RE: IBC requirements for Means of Egress Illumination). Show proposed emergency illumination on the floor plan or separate illumination plan.
- Construction rack details. Indicate the intended commodity to be stored on racks. All storage racks shall be mechanically anchored in place to resist displacement.
- Engineering. Storage racks eight feet or greater in height shall be anchored or braced to resist overturning or displacement due to earthquake events. A Washington State registered professional engineer shall prepare, sign and seal the design drawings and structural calculations.
- Special Inspection. Periodic special inspection is required during the anchorage of storage racks. Special inspection shall be performed by WABO certified inspector.