



Angela D. Alsobrooks
County Executive

THE PRINCE GEORGE'S COUNTY GOVERNMENT
Department of Permitting, Inspections and Enforcement
Building Plan Review Division



Melinda Bolling
Director

Building Plan Review Requirements for Rack Storage (Racking Permit)

The following shall be submitted to DPIE, Building Plan Review Division for review and approval prior to rack erection. Applicant can submit rack drawings as part of the building permit set or submit as a standalone building permit, once building permit is issued for base building and/or tenant space. The following items are required to demonstrate compliance:

General

Plans shall be signed and sealed by a Maryland Licensed Professional Engineer (P.E.).

Floor plans shall show location of all racks, their height, aisle spacing in between racks, flue (gaps in between racks) spaces.

Section view of racks, number of tiers, maximum storage height, clearance from ceiling and sprinklers (if applicable).

Structural review

Provide plans showing compliance with requirements of 2018 IBC, Chapter 22, Section 2209 for Steel Storage Racks.

Provide structural drawings of racks.

Provide calculations.

Provide maximum weight supported by racks.

Fire Life/Safety Review (High-piled Combustible Storage)

Provide plans showing compliance with requirements of 2018 IFC, Chapter 32 and 2018 IBC, and Prince George's County Subtitles 4, 11.

Provide construction documents per 2018 IBC, Section 3201.3.

Provide the base building and/or tenant fit-out case number, if the high-piled storage permit application is separate.

Provide life safety plan showing egress distances, locations, aisle width, and exit sign locations.

Provide code analysis indicating racking type, height, ceiling height, commodity classifications, amounts, storage type, pallet storage areas, sprinkler system type, etc.