

Roof-Mounted Solar Photovoltaic Permitting Process

Commercial Checklist

Required Materials

- ❑ [City of Eden Prairie Building Permit](#) [PDF]
- ❑ Two sets of building plans as supplemental information that meet structural/architectural and electrical requirements
- ❑ Commercial solar PV installations must comply with general building requirements and commercial building requirements
- ❑ [State of Minnesota Electrical Permit](#)

Commercial Solar PV Building Requirements

Solar PV systems on commercial units shall be installed in accordance to the Minnesota Building Code.

- There must be a minimum 6-foot-wide clear perimeter around the edges of the roof
 - Exception: Where either access of the building is 250 feet or less, there must be a minimum 4-foot-wide clear perimeter around the edges of the roof
- Solar installation must be designed to provide designated pathways for emergencies that meet the following requirements:
 - Pathway must be over areas that can support the load of firefighters accessing the roof
 - Centerline access pathways must be provided in both axes of the roof and run where the roof structure can support the load of firefighters
 - Pathway must be a straight line that is not less than 4 feet clear to skylights, ventilation hatches or roof standpipes
 - Pathway must provide not less than 4 feet of clearance around a roof access hatch with at least one clear pathway not less than 4 feet to a parapet or roof edge