

**DRAFT DESIGN CRITERIA FOR ROOFTOP SOLAR INSTALLATIONS
IN THE ENTRANCE CORRIDOR OVERLAY DISTRICT
1/14/2026**

General Goals

1. To the greatest extent possible, choose locations, mounting options, and design features that will minimize visibility of the facility from the EC street.
2. Panels and related items must not interfere with existing elements that contribute to the architectural composition, style or character of the building.

Solar Facilities Mounted on Pitched Roofs Must Have

1. Panels mounted in an organized pattern that avoids multiple roofs, disjointed arrangements, and stair stepping.
2. Panels located parallel to and set back a minimum of 12” from the ridge, eaves and edges of the roof.
3. Panels mounted parallel to the surface of the roof.
4. Panels of consistent size and color.
5. Fixed, non-moveable panels.
6. Panels mounted flush to the surface of the roof or mounted such that there is no more than 6” from surface of roof to the panel.
7. Conduit, hardware, and related equipment located interior to the building or on walls not visible from the EC whenever possible. If interior or invisible locations are not available, use matte finishes and colors consistent with the color of the surface to which the equipment is attached.
8. Panels, frames and attached hardware in a consistent color, coordinated with the building whenever possible.

Solar Facilities Mounted on Flat Roofs

1. May be installed in any configuration and set on an angle if the facility is entirely below the top of the parapet.
2. Must have panels arranged in an organized pattern aligned with the edges of the roof if the facility is not entirely below the parapet.
3. Mounting design must be unobtrusive or must be an element that complements the building.
4. Conduit, hardware, and related equipment located interior to the building or on walls not visible from the EC whenever possible. If interior or invisible locations are not available, use matte finishes and colors consistent with the color of the surface to which the equipment is attached.

SELECTED IMAGES OF ROOFTOP SOLAR INSTALLATIONS

The images below were found in an internet search. Most of the examples show single family detached residences, which are typically not the subject of Entrance Corridor review. The images were chosen to illustrate the solar installation design issues referenced in the draft criteria.



A disjointed arrangement of panels.



A disjointed arrangement of panels on multiple roofs.



Panels configured in a stair-step pattern.



Panels with multiple sizes, colors and orientations on multiple roofs.



Panels extend to the edge of the roof and beyond.



Panels not mounted parallel to the slope of the roof and not flush with the roof.



Panel-related equipment extends beyond the roof and is not colored to match the surface to which it is attached.



Panels mounted on a flat roof below parapet height.



Panels mounted on a flat roof below parapet height.



Panels on a flat roof without a parapet, mounted in an organized pattern aligned with the edges of the roof.



Panels on a flat roof without a parapet, mounted in an organized pattern aligned with the edges of the roof.



Panels on a flat roof with an obtrusive mounting design.