# DRAFT ENTRANCE CORRIDOR DESIGN CRITERIA FOR ROOFTOP SOLAR INSTALLATIONS - ILLUSTRATIONS

| CRITERIA | EXAMPLES |
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| c. Visible installations that represent independent design elements will be expected to complement the building and will require ARB review. | <br>This rooftop installation is an independent design element that complements the building. |
| | <br>These solar panels constitute an independent design element that competes with other rooftop features, resulting in a disorderly appearance that does not complement the building. |

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| **General Goal:** Prioritize locations, mounting options, and/or design features that minimize obtrusive appearances as viewed from the EC street and that do not disrupt design elements that define the architectural composition, style or character of the building. | <br>The layout, orientation, and mounting of these panels results in an obtrusive appearance. |
| | <br>The position of the panels obscures the distinct roof forms of this building. |

**Solar Facilities Mounted on Pitched Roofs Must Have:**

1. Panels mounted in a manner that establishes an orderly and coordinated appearance, and avoids disjointed, piecemeal arrangements.



This installation has an orderly and coordinated appearance.





These installations are disjointed.

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| | <br>The off-grid locations, panels extending beyond the ridge of the roof, and multiple groupings result in a disjointed appearance. |
| 2. A grid layout is preferred. Limited removal of blocks of the grid to accommodate existing roof penetrations is acceptable. | <br>A grid arrangement organizes these panels. |
| | <br>This installation has a disorganized appearance resulting, in part, from the lack of a grid to organize the layout. |

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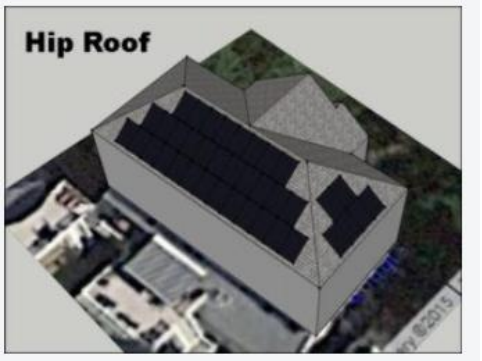
| 3. When stair stepping is required, maintaining consistent offsets, preferably full or half module lengths, is preferred. |    By maintaining consistent offsets at regular intervals and overall symmetrical arrangements, these installations have an orderly and coordinated appearance. |
| |  The irregular stepping of these panels, among other factors, contributes to a disorganized appearance. |
| 4. Panels set back a minimum of 12” from the ridge, eaves and edges of the roof. |  These panels are set back at least 12” from the edges of the roof. The centering of the panels on the roof contributes to an orderly appearance. |

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| 5. A panel layout arranged parallel to the ridge of the roof. | <br>These panels are arranged parallel to the ridge of the roof. |

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| 6. Panels mounted parallel to the roof plane. | <br><br>The panels in these two installations are not mounted parallel to the roof plane. They are set at an angle to the surface of the roof. |

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| | <br>These panels are mounted parallel to the roof plane. |
| 7. Panels of consistent size and color. | <br>These panels are all a consistent size and color which contributes to an orderly and coordinated appearance. |

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| | <br>This installation includes panels of two sizes and three colors which creates an obtrusive appearance. |
| 9. Panels mounted such that there is no more than 10” from surface of roof to the top of the panel. | <br>The top of these panels is no more than 10” above the surface of the roof. |

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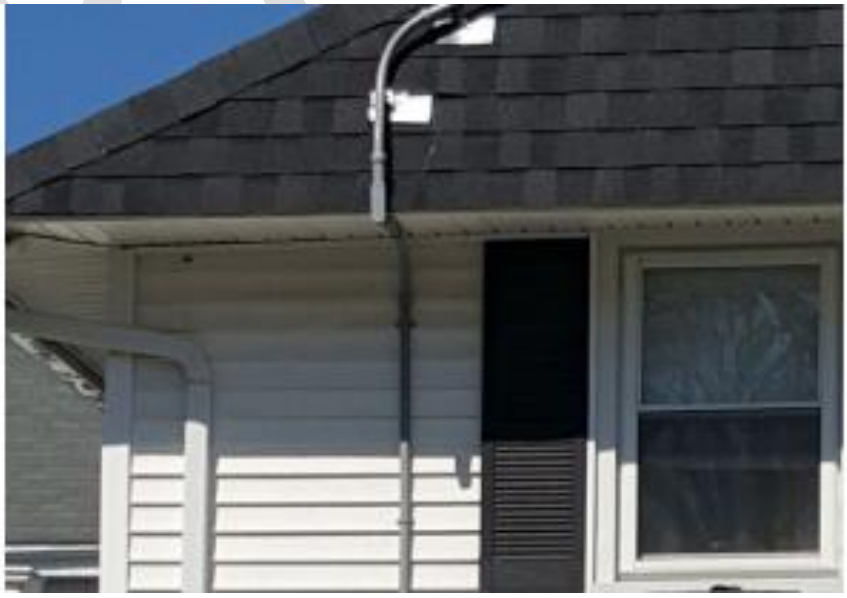
| 10. Conduit, hardware, and related equipment that are positioned (preferably located on the roof below the modules, interior to the building, or on walls not visible from the EC) and/or colored to reduce noticeability from the EC. |     Conduit, hardware and related equipment in these images are exposed and highly visible. Had these elements been located below the panels and interior to the building, visual impacts would be significantly reduced. When they cannot be located inside the building or away from the street, coloring them to match the roof and wall surfaces can reduce noticeability and increase coordination. |

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| 11. Panels, frames and attached hardware in a consistent color, coordinated with the building whenever possible. | <br>The color of these panels blends well with the color of the roof. |
| | <br>Solid black panels would blend better with the color of this roof. |

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| 12. Mounting systems that do not extend more than 3" beyond the panels. | <br>This mounting system extends well beyond the panels and the roof. Limiting the racks to 3" beyond the panels would significantly reduce the visual impact of this installation. |
| **Solar Facilities Mounted on Flat Roofs Must Have:**<br>1. Panels arranged in an organized manner, preferably in a grid pattern coordinated with the roof edge, that establishes a coordinated and orderly appearance. | <br>Panels in this installation are arranged in a grid pattern that is coordinated with the edges of the roof to establish an orderly appearance. |

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Panels in these installations are arranged in a compact grid pattern, coordinated with the edges of the roof, resulting in an organized and orderly appearance.

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| 2. A mounting design that is unobtrusive or is an element that complements the building. | <br>The linear layout of this group of panels, the pattern of the repetitive angle, the centered location, and the compatible coloring result in an installation that complements the building. |
| | <br><br>This installation is a prominent addition to the building, but its form, scale and detailing complement the architecture of the building. |

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| | <br>The structure and form of this raised installation do not relate to the architecture of the building. |
| 3. Conduit, hardware, and related equipment that are positioned (preferably located on the roof below the modules, interior to the building, or on walls not visible from the EC) and/or colored to reduce noticeability from the EC. | <br>Conduit and equipment on the left, colored to match the wall, contribute to a more coordinated appearance than the conduit and equipment on the right. |

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| 4. Panels with a maximum height above the roof equal to or less than 16”. | <br>The tops of these panels are no more than 16” above the surface of the roof. |

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