FIGURE 1: SLOPED ROOF TERMINOLOGY

HORIZONTAL RIDGE
LOWEST ROOF EDGE
HORIZONTAL RIDGE
LOWEST ROOF EDGE
LOWEST ROOF EDGE

FIGURE 2: DWELLINGS AND HABITABLE DETACHED STRUCTURES WITH ROOF SLOPED MORE THAN 2:12

2018 IRC Section R324.6.1
Not fewer than two pathways, on separate roof planes from lowest roof edge to ridge and not less than 36-inches wide, shall be provided on all buildings. Not fewer than one pathway shall be provided on the street or driveway side of the roof.

2018 IRC Section R324.6.1
Possible second path can be located anywhere on either indicated roof plane from the lowest roof edge to ridge and not less than 36-inches wide.

2018 IRC Section R324.6.1
Possible second path.
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Possible second path.

For each roof plane with a photovoltaic array, a pathway not less than 36-inches wide shall be provided from the lowest roof edge to ridge on the same roof plane as the photovoltaic array, on an adjacent roof plane, or straddling the same and adjacent roof planes.

FIGURE 3: DWELLINGS AND HABITABLE DETACHED STRUCTURES WITH ROOF SLOPED MORE THAN 2:12

2018 IRC Section R324.6.2

- For photovoltaic arrays occupying not more than 33-percent of the plan view total roof area, not less than an 18-inch clear setback is required on both sides of a horizontal ridge.
- For photovoltaic arrays occupying more than 33-percent of the plan view total roof area, not less than a 36-inch clear setback is required on both sides of a horizontal ridge.

-or- ALTERNATE SETBACK AT RIDGE
Where an automatic sprinkler system is installed within the dwelling in accordance with NFPA 13D: For photovoltaic arrays occupying not more than 66-percent of the plan view total roof area, not less than an 18-inch clear setback is required on both sides of a horizontal ridge.

FIGURE 4: DWELLINGS AND HABITABLE DETACHED STRUCTURES WITH ROOF SLOPED MORE THAN 2:12
FIGURE 5: EMERGENCY ESCAPE AND RESCUE OPENING

2018 IRC Section R324.6.2.2
Panels and modules installed on dwellings shall not be placed on the portion of a roof that is below an emergency escape and rescue opening. A pathway not less than 36-inches wide shall be provided to the emergency escape and rescue opening.