

# Non-Penetrating Anchor Guide

## Non-Penetrating Counterweights (examples on left)

### Features:

- Non-penetrating so these do not require drilling or mounting into roof membrane or structure.
- Mobile, optional carts can be purchased for ease of transport.
- Modular, can be set up and broken down as needed.

### Considerations:

- Must be installed greater than 15' from roof's leading edge.
- Must stick to manufacturer rating for how many workers can be tied off, and for what application.
  - How many workers can be tied off as fall arrest verses fall restraint.
- May have limitations to slope of roof and material of roof to prevent sliding.
- Must determine if section of roof requires additional bracing to support weight of unit.
- Considerable weight to transport, these units range in weight but are typically just shy of 1,000 pounds.
- Inspections must be followed per manufacturer recommendations before each use. If left on roof, exposed to ambient conditions rust and deterioration may occur which means replacement is needed.
- Must be positioned so that lanyard and lifeline length does not exceed distance to leading edge for fall restraint applications.
- Must be used with type 2 lanyard or Self Retracting Lanyard as tie off point is at ground level.



## Choker, "Wrap" Anchors (Examples on Right)

### Features:

- Non-penetrating so these do not require drilling or mounting into roof membrane or substrate structure.
- Mobile and lightweight, can be quickly set up.

### Considerations:

- Must be installed only in areas where PE has verified the structure's load capacity.
- Clearance must be considered for wrapping the straps around the structure.
- Sliding from side to side may cut or abrade material.

