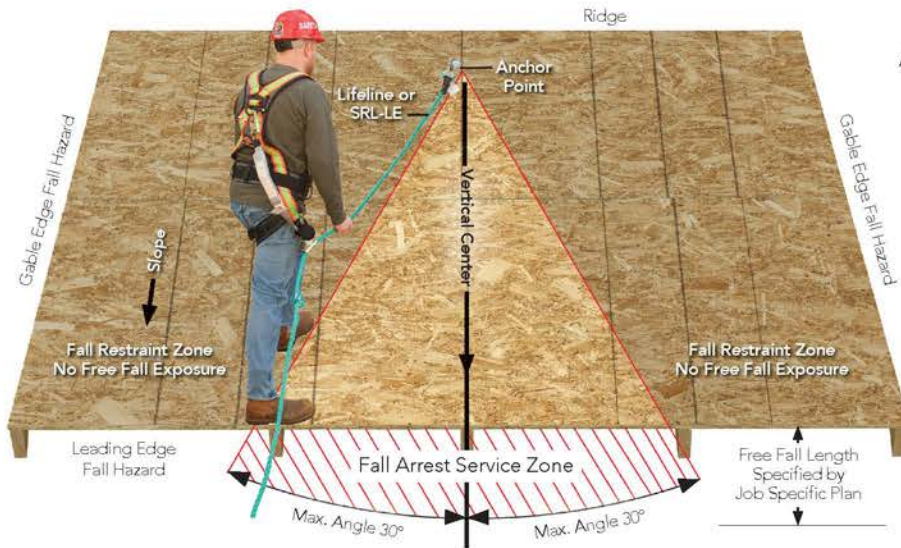


Fall Arrest Example

Fall arrest allows a worker to travel along a leading edge fall hazard by adjusting a lifeline or SRL-LE length in order to prevent a free fall of more than 6ft*. Service zone angles off vertical center of the anchor point are determined by the anchors strength and its fasteners ability to arrest a fall. The examples shown here are simplified versions for illustration.
 *Some PPE are rated for a 12ft free fall.

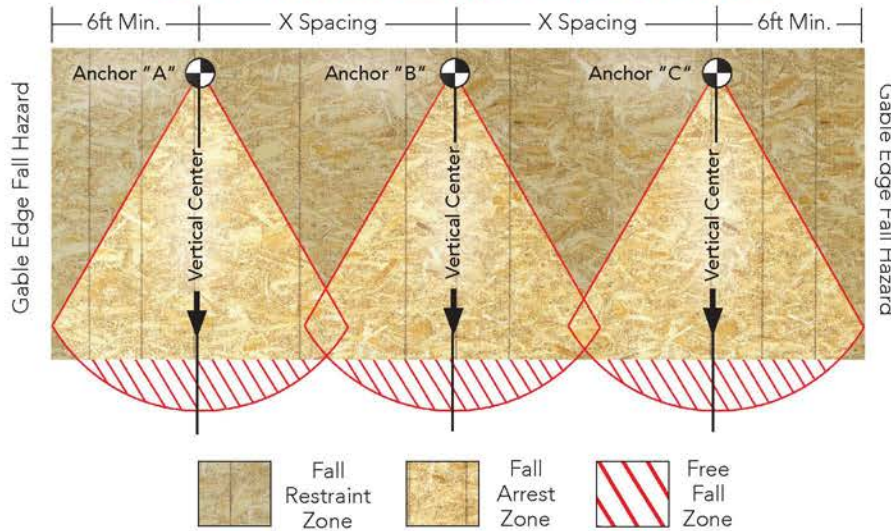
Fall Arrest Rigging Example w/Vertical Lifeline



6ft Free Fall

Free fall lengths are specified by OSHA 1926.503 and require a 310lb workers PPE to arrest a fall without exceeding a max. arrest force of 1,800lb and without striking the ground or a lower level.

30° Fall Arrest Service Zones Example



Note: Areas outside a fall arrest service zone are designated fall restraint and require PPE to be adjusted to so as to prevent travel near or over a leading or gable edge fall hazard. Additional anchor points are required for fall arrest coverage in fall restraint areas.

30° Angle Example

Service zones based on a 30°(+/-) angle limit the length of a swing fall. Adjustments can be made in the degree of the service zone angle based on a job specific plan (JSP) designed by a qualified or competent* person.

Anchor Spacing

- (X) Spacing is determined by:
- Rafter length
 - Degree of anchor loading off vertical center
 - Allowable free fall over a leading edge