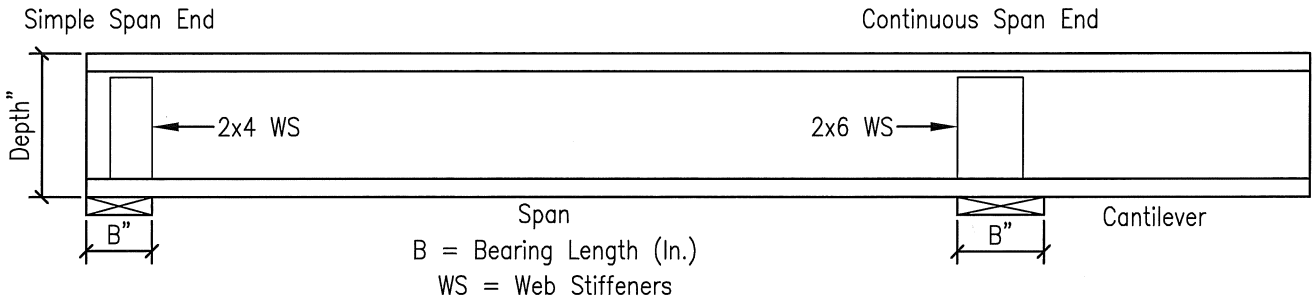
WEB–i Web Stiffener Requirements



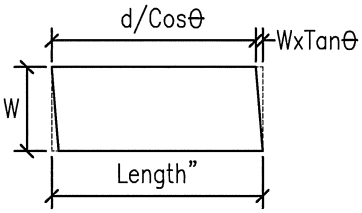
Basic Rules:

1) Use 2x4's at simple span ends and 2x6's at continuous span ends.
2) WEB–i's 16" and deeper require web stiffeners at both bearings.
3) Web stiffeners required at continuous span ends for all depths.
4) Web stiffeners not required for 11⅞" thru 14" deep ⅜" web simple span ends but may be needed for bearing length requirements or to comply with nailing requirements through side plates of joist hangers.

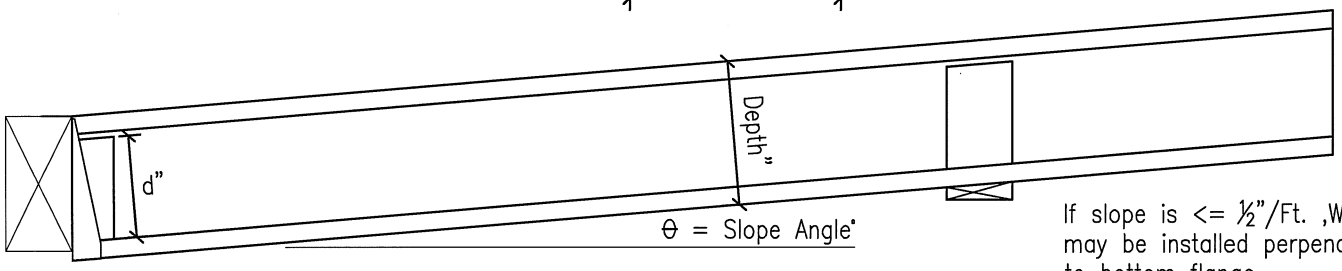
At simple span ends:
If B <= 3½", flush WS with end of WEB–i.
If B > 3½", Flush WS with inside of bearing surface (see above).

At continuous span ends:
If B <= 5½", center WS on bearing surface.
If B > 5½", flush WS with inside of bearing surface (see above).

Angle Cut WEB–i Web Stiffener

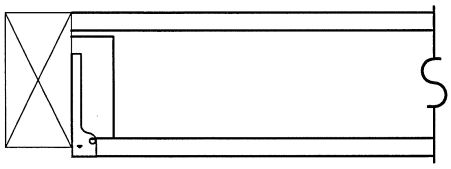


d = Depth"–3¼"
W = 3½" or 5½"



If slope is <= ½"/Ft. ,WS may be installed perpendicular to bottom flange.

Laterial Stability and/or Uplift Load



If heigth of face mount hanger is not high enough to catch at least ½" of top flange, web stiffeners are required.

For uplift loads on WEB–i and joist hangers, Web Stiffeners must be installed for nailing requirements.