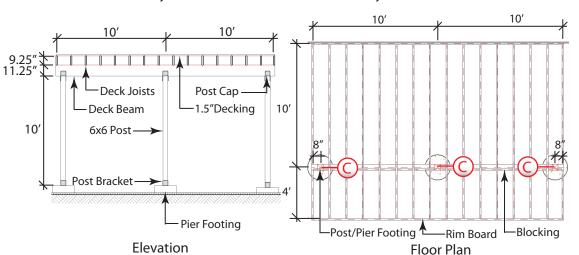


## Deck Beam [USA Wood Beam]

See how you can design a Deck Beam to ASD or LRFD requirements!

Learn how to translate your CAD Plan and Elevation directly to a ClearCalcs Calculation!

Please be aware that ClearCalcs does not offer engineering advice and cannot assist with individual projects. This example should not be used as advice, recommendations, or instructions for engineering design and should only be followed as a guide to using ClearCalcs' USA Wood Beam calculator.



## **DESIGN CRITERIA**

Size/Type: 4-2x12 D.Fir-L —

Length: 20' —B

Support: 6x6 D.Fir-L Column -

\*A nominal 6x6 Wood Post section has a design dimension of 5.5"x5.5" which is used as the bearing area

Deck Loading (Load Linked)

Dead: 10 psf Snow: 40 psf

Live: 60 psf

\*60 psf is typical for a deck except in the IRC where it is 40 psf. California Residential Code also amends the IRC to use 60 psf

