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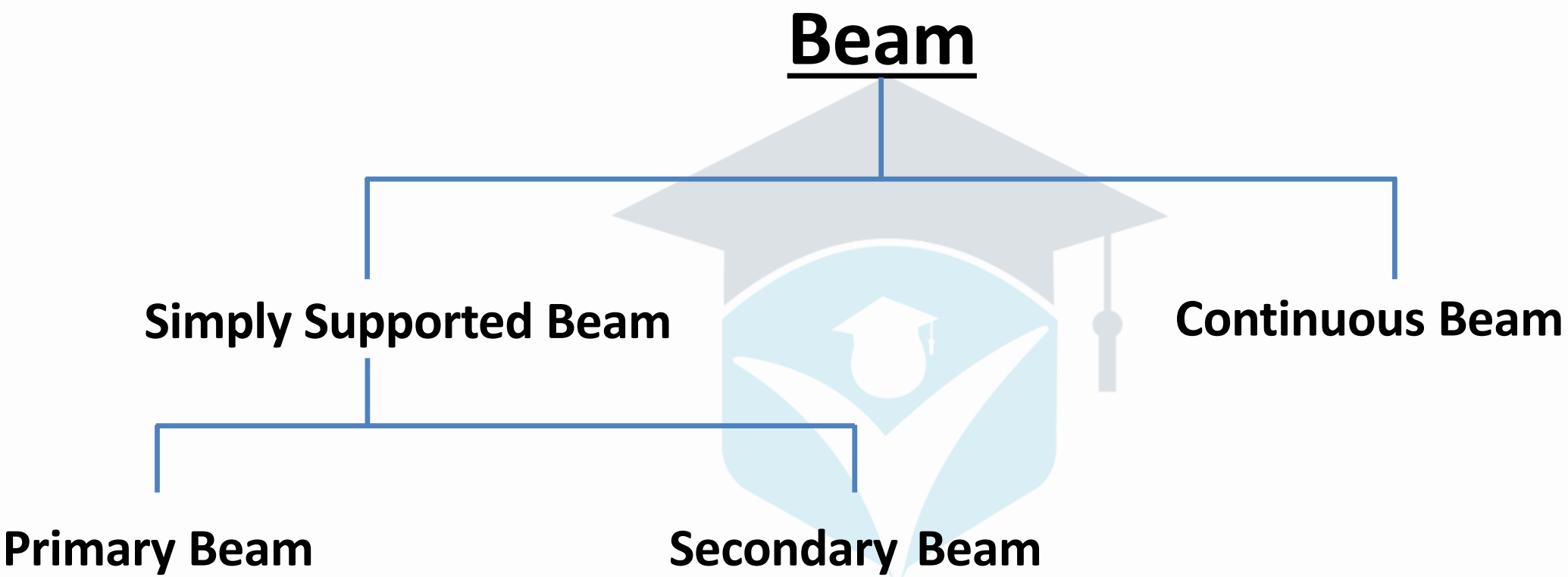
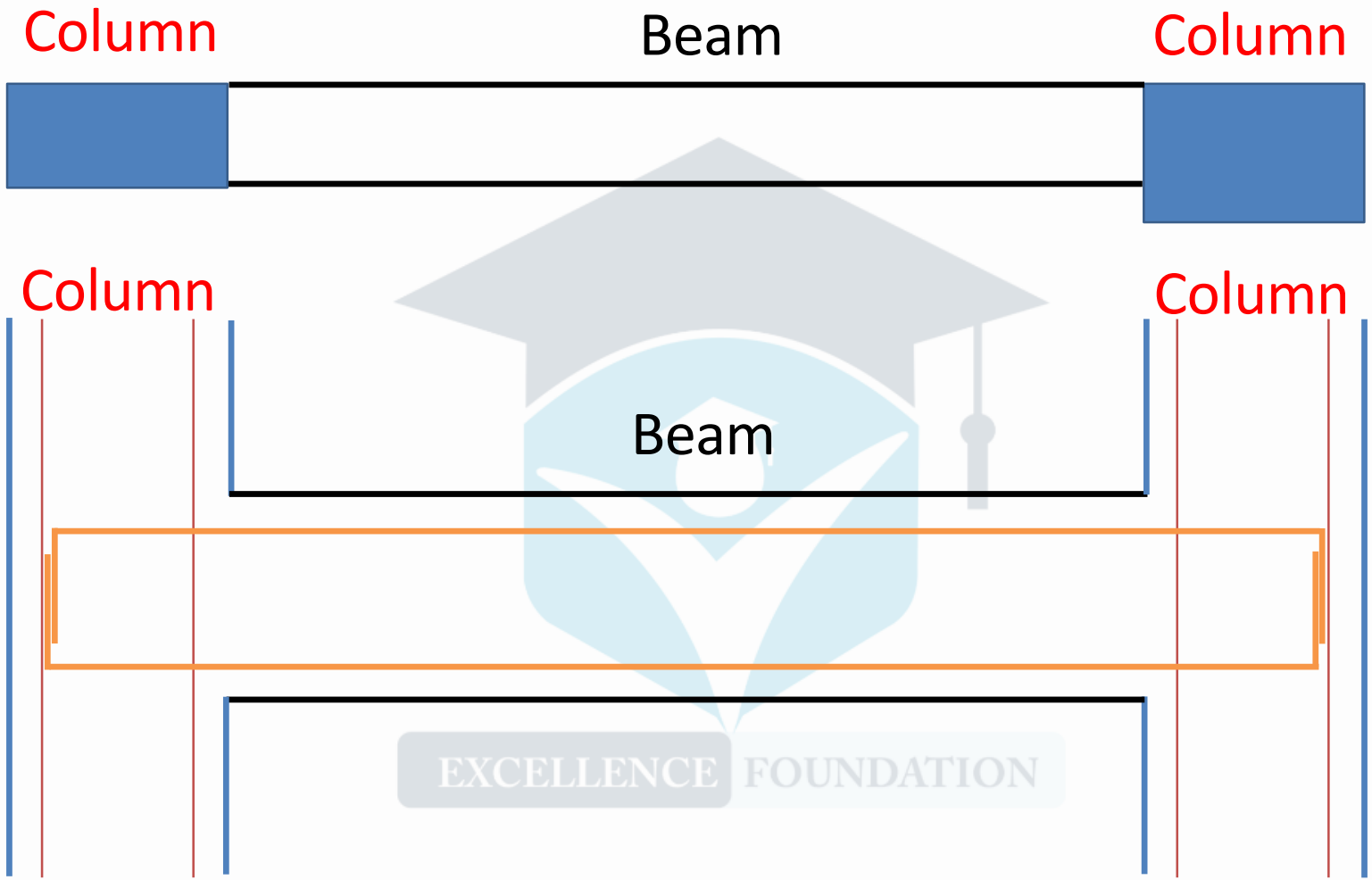
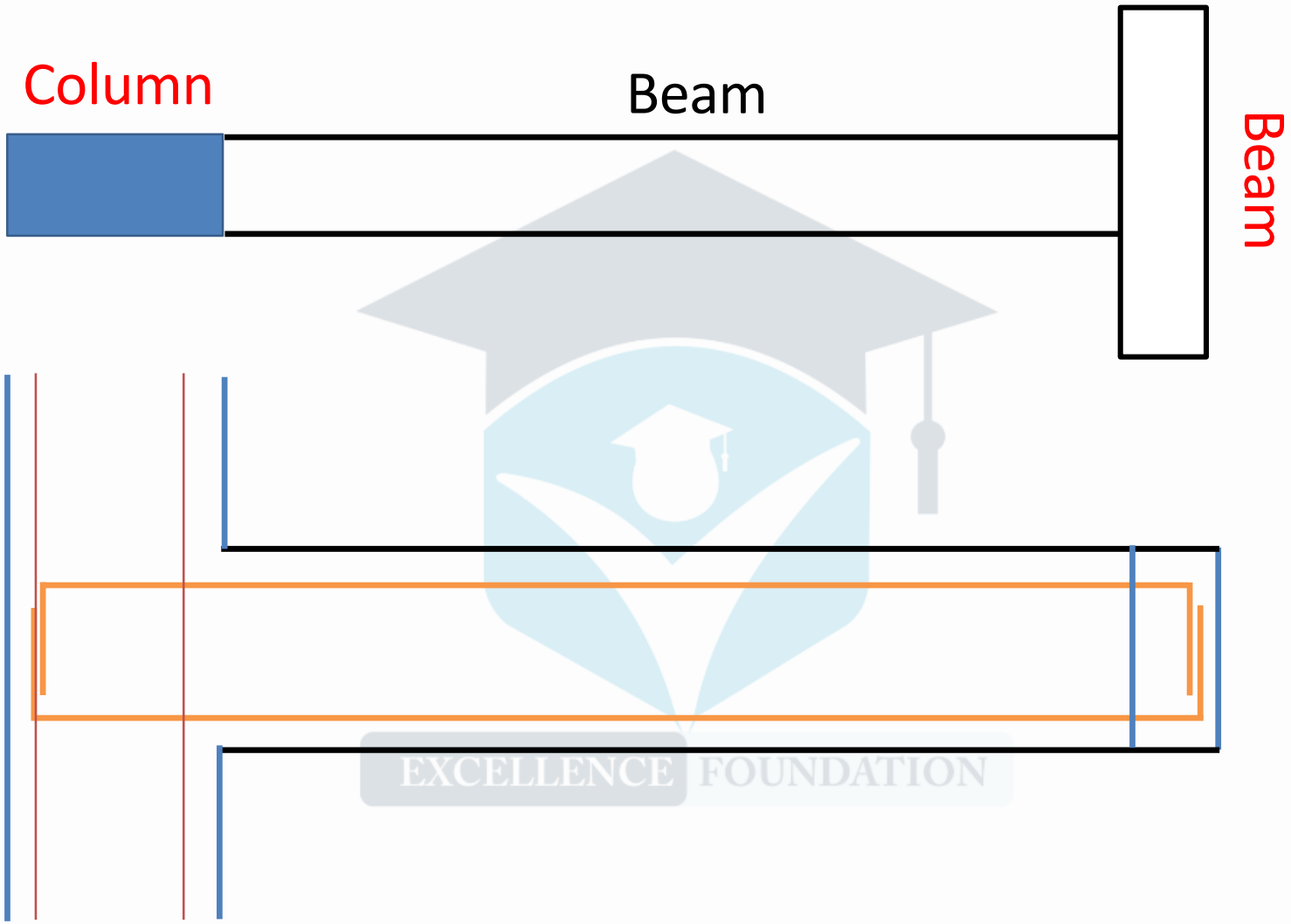
BEAM



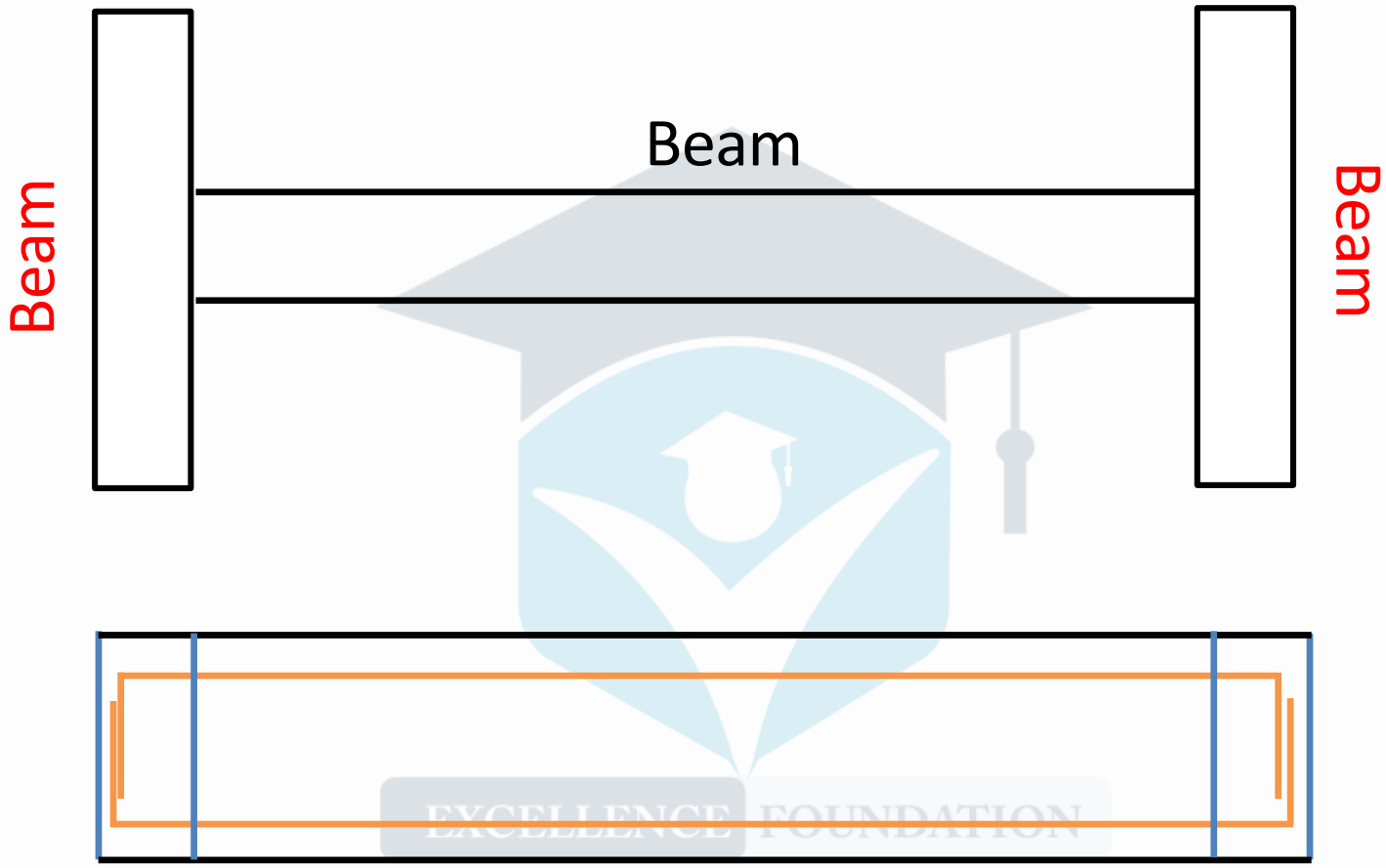
Primary Beam



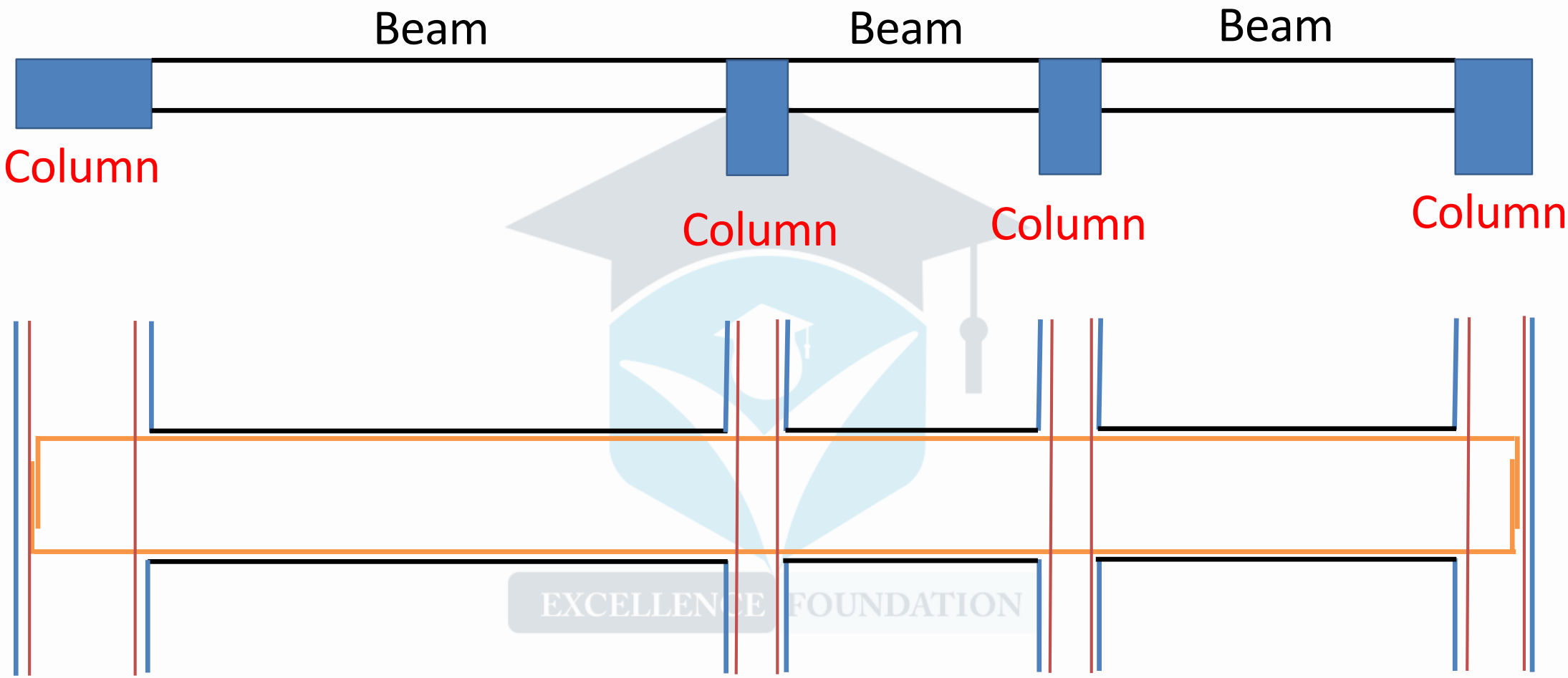
Secondary Beam

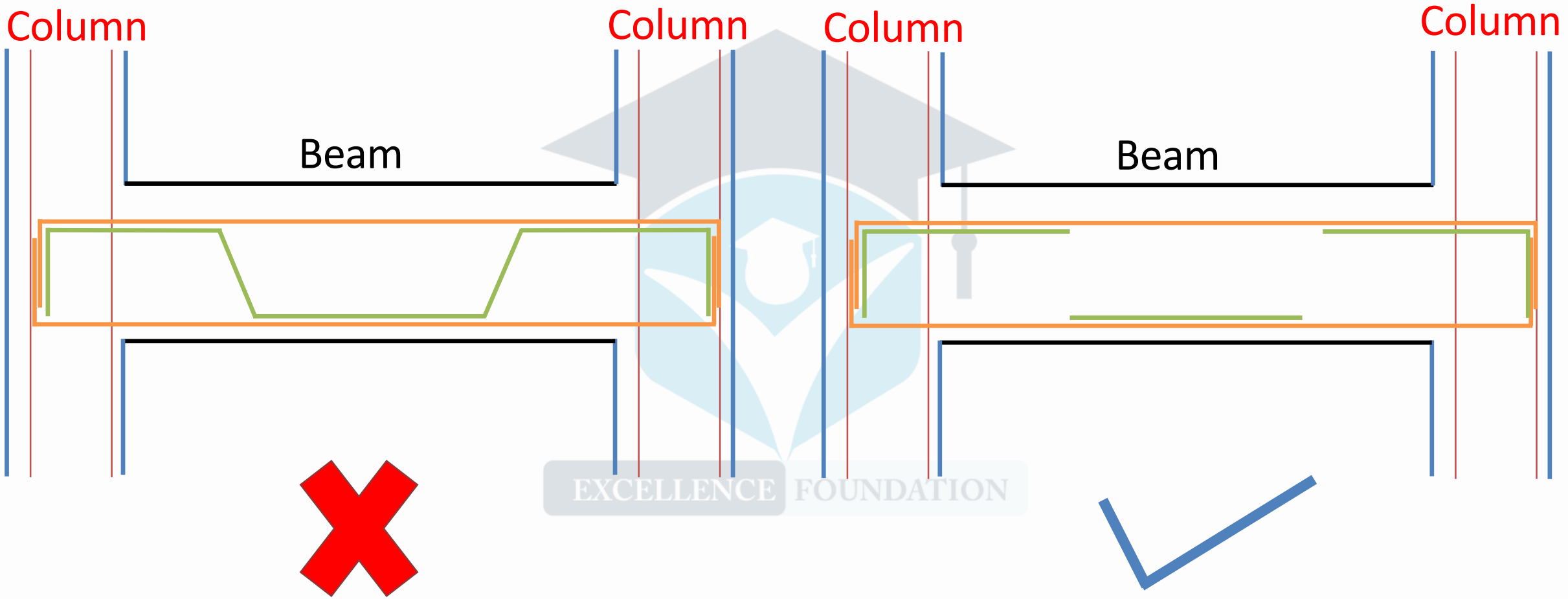


Secondary Beam

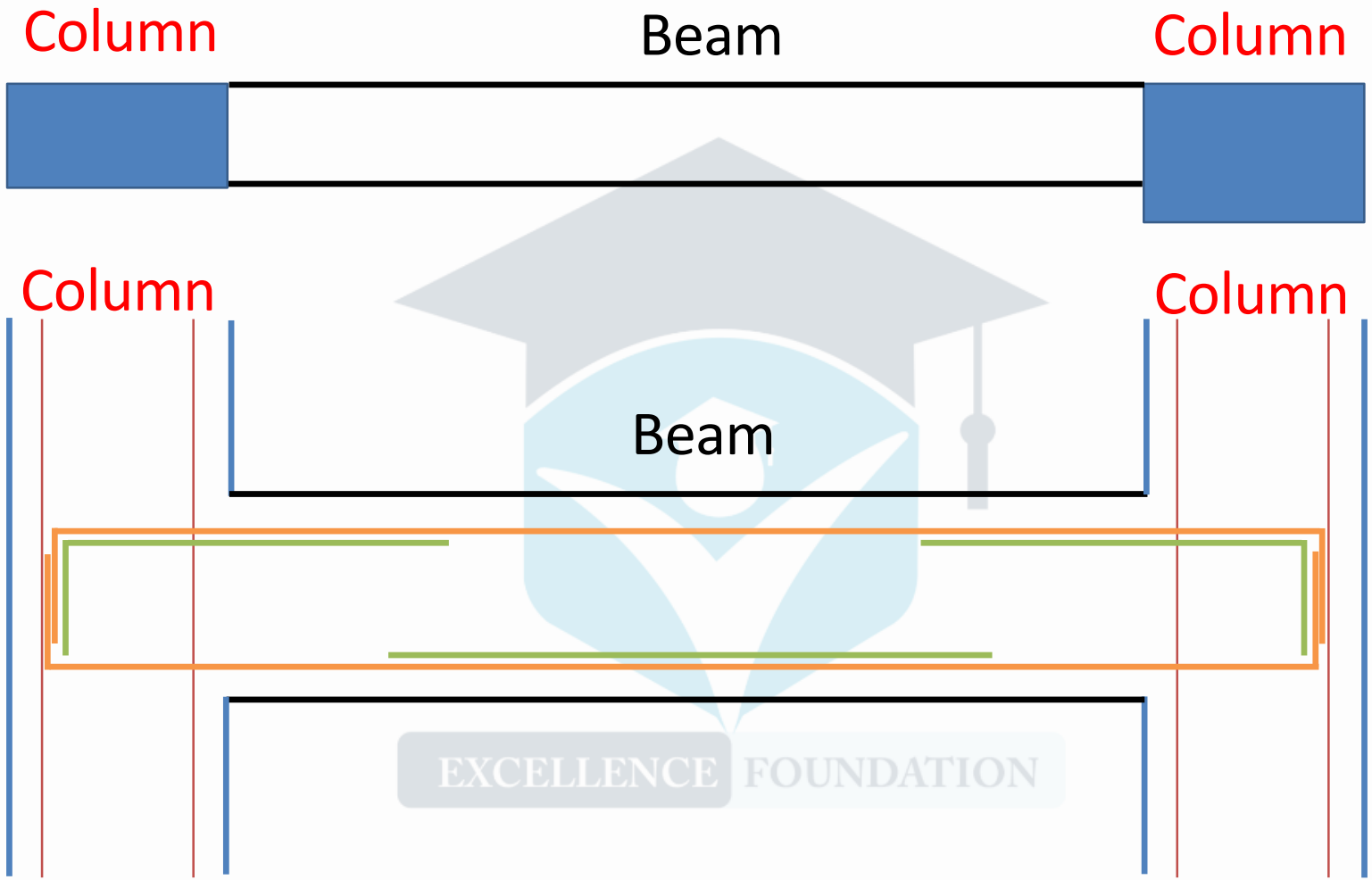


Continuous Beam

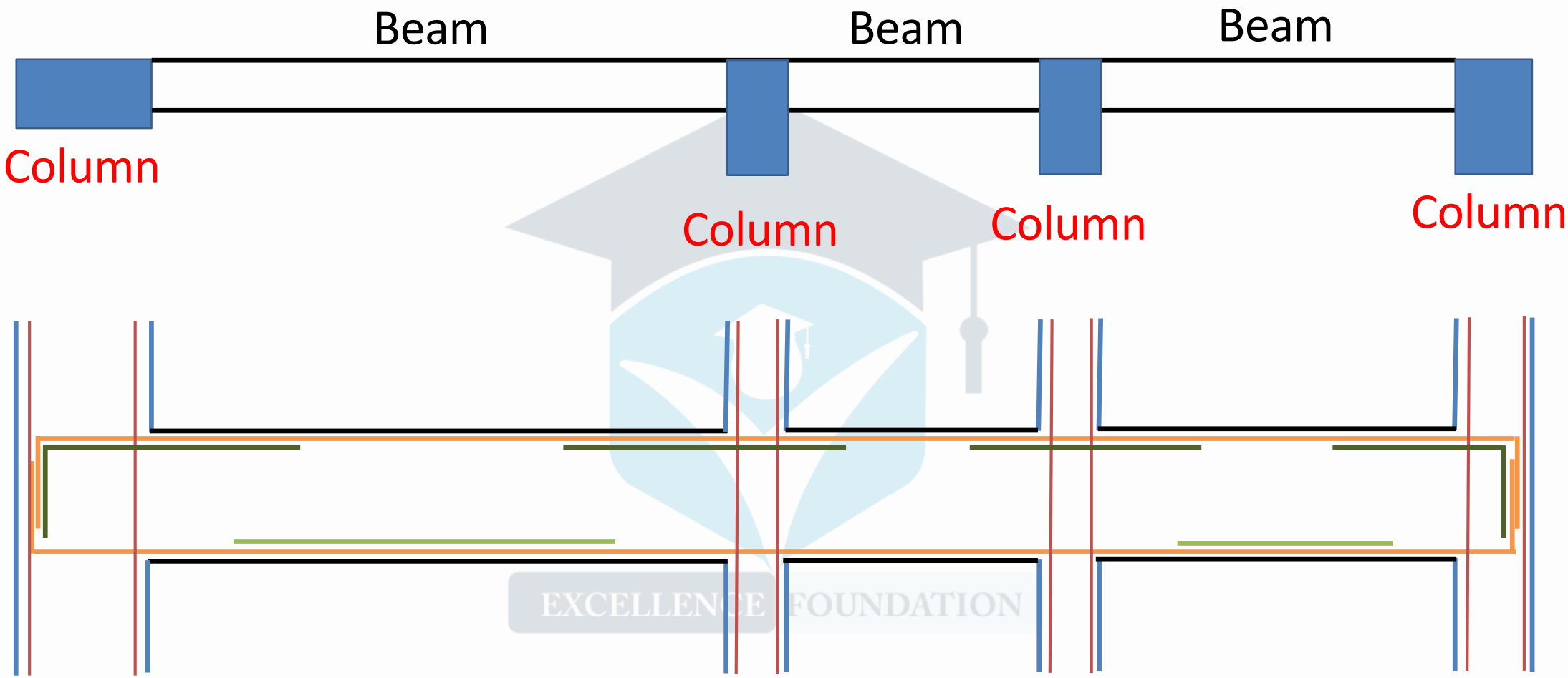




Primary Beam

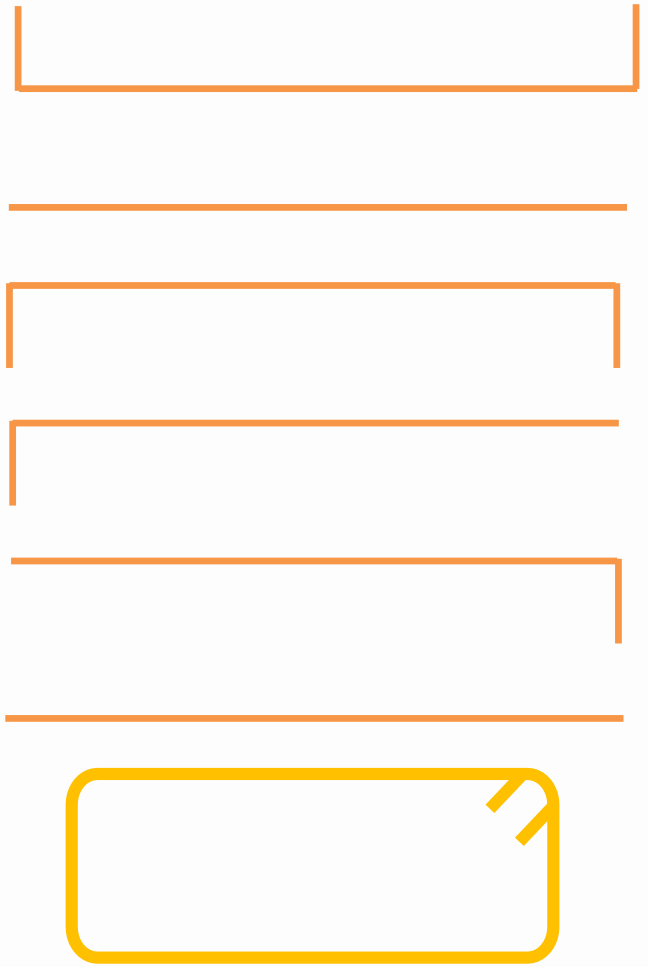


Continuous Beam

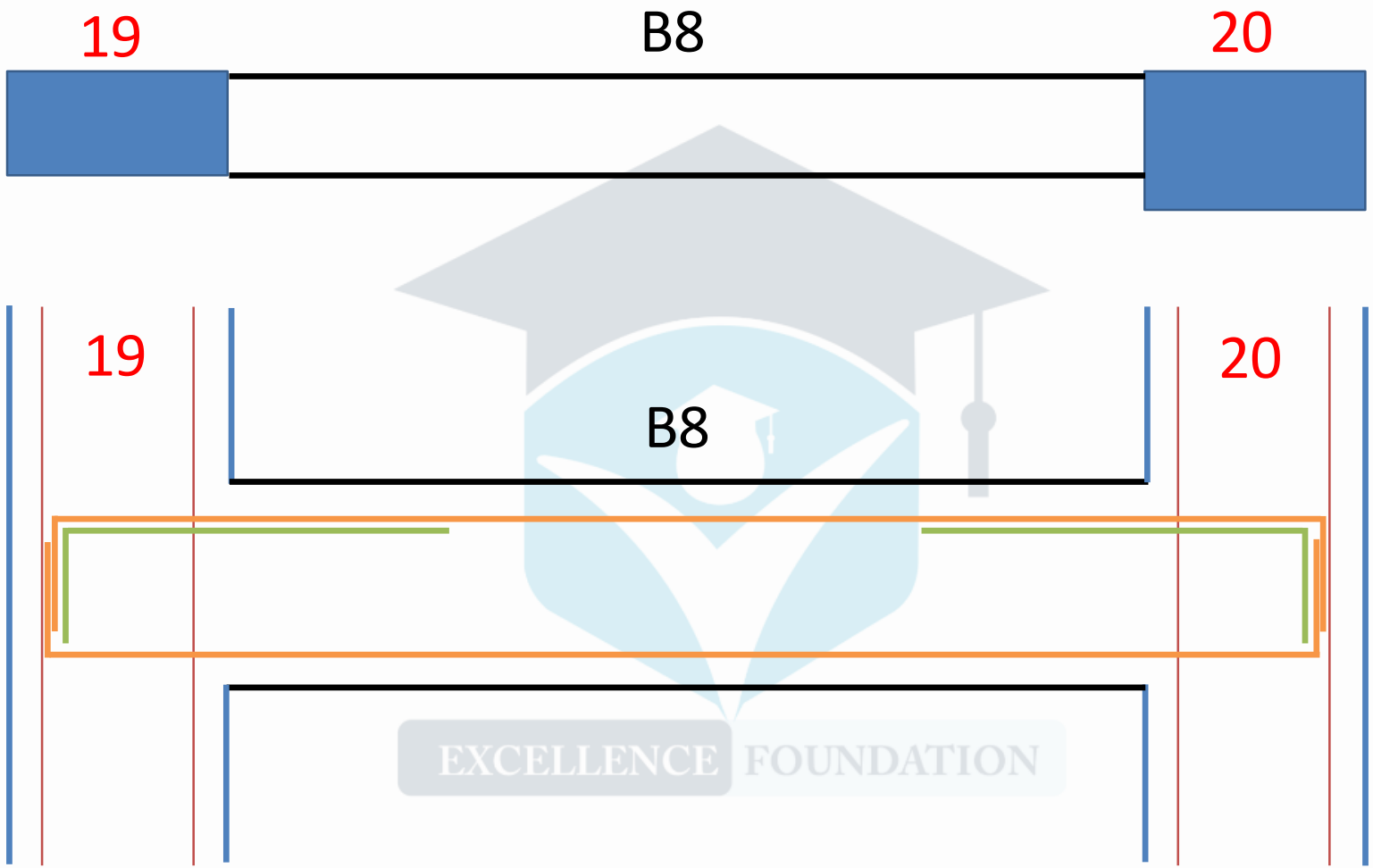


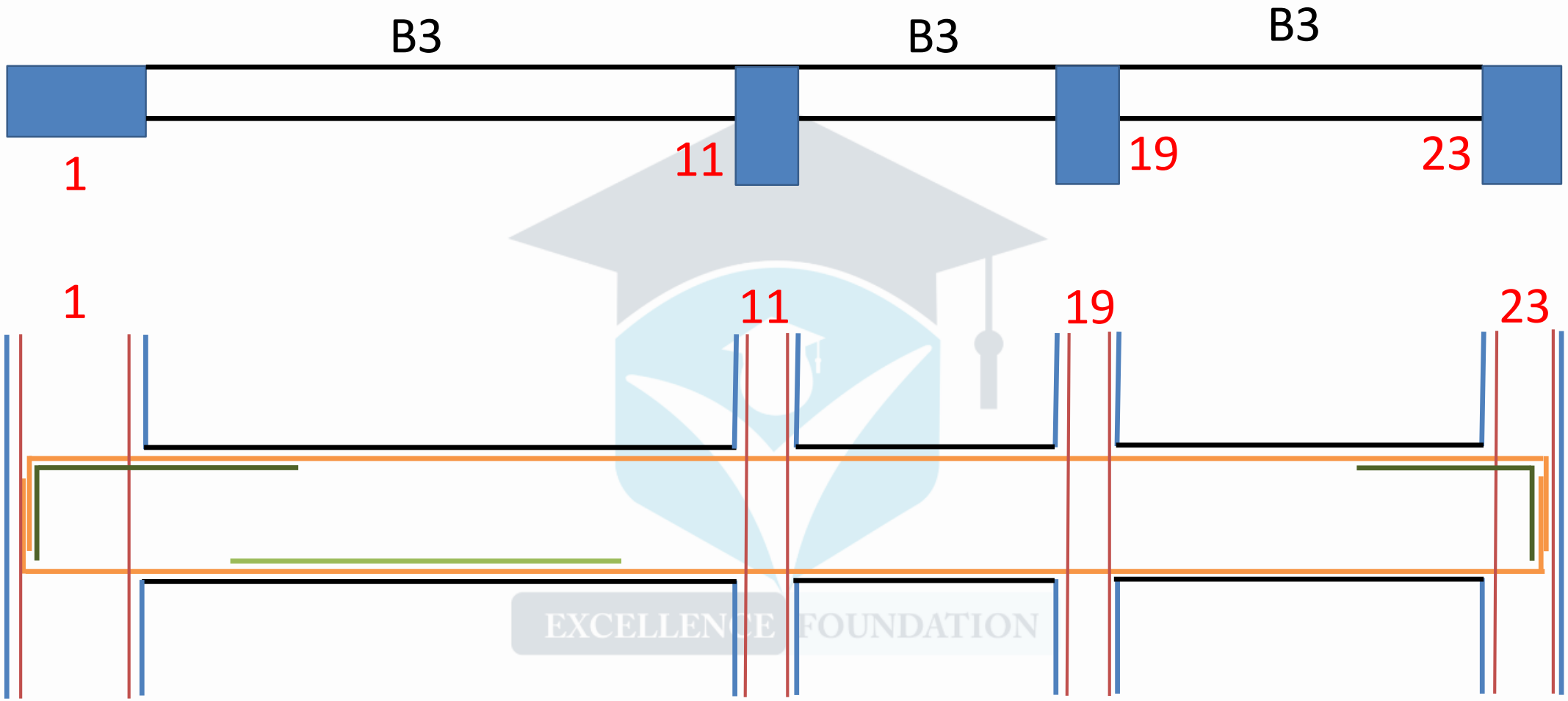
SERIES FOR SOLVING THE BEAM CALCULATIONS

1) Bottom Bar
2) Bottom Extra Bar (Curtailed Bar)
3) Top Bar
4) Top Left Extra Bar (At End Support)
5) Top Right Extra Bar (At End Support)
6) Top Extra Bar (At Continuous Support)
7) Stirrups

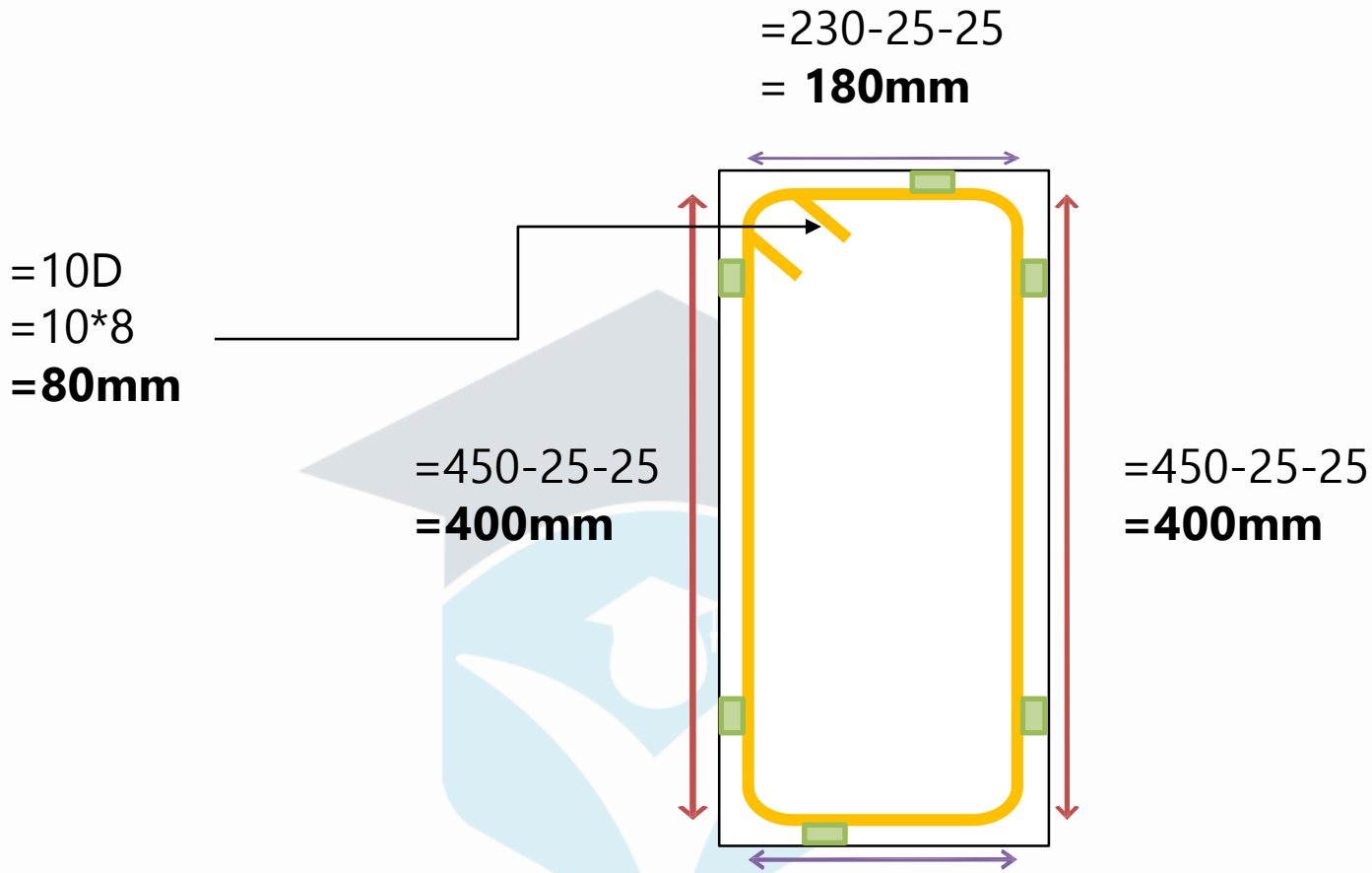


Simply Supported Beam





STIRRUPS



Length of Rectangular Link =((180+400+180+400) + (2*10*8) – **(3*2*8)** – **(2*3*8)**)
=**1224 mm**