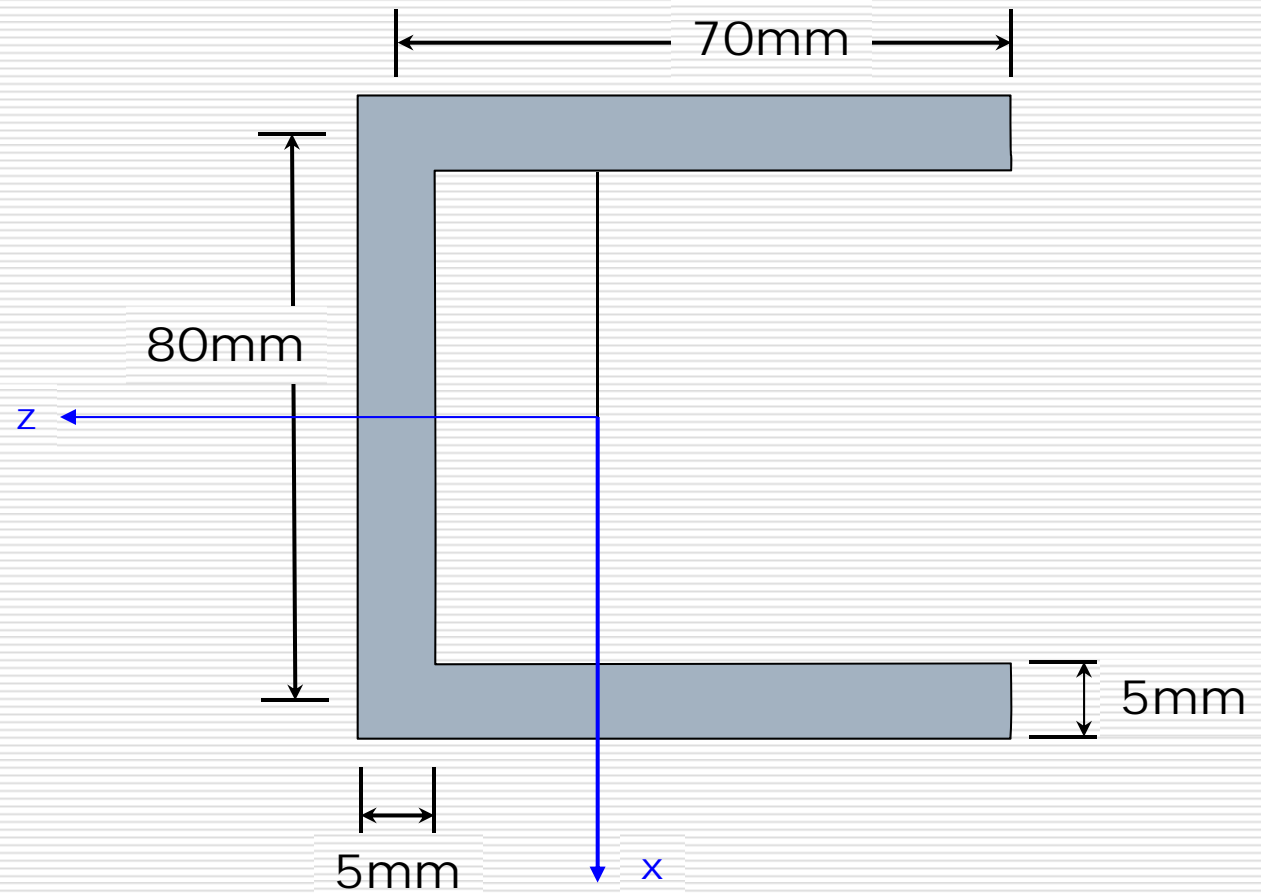


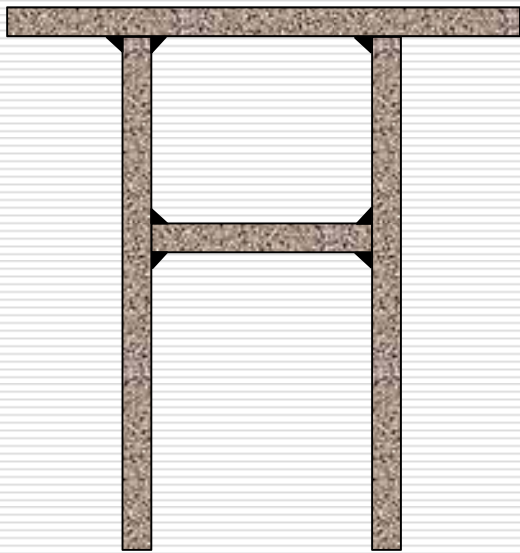
Transverse Loading

- Shear Flow
- Shear Centers
- Fastener Spacing

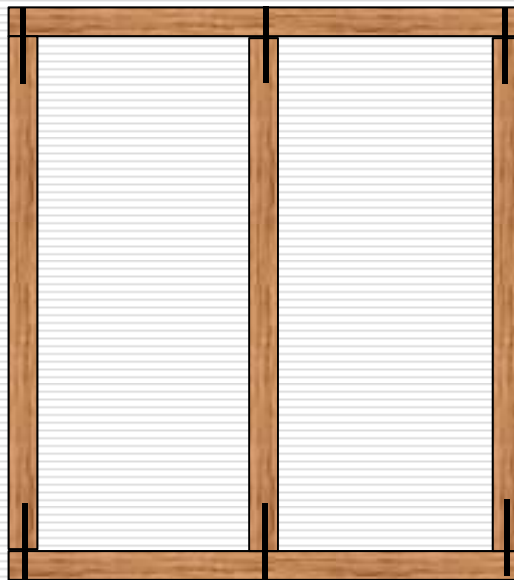
Shear Centers



Built Up Beams



Weldment

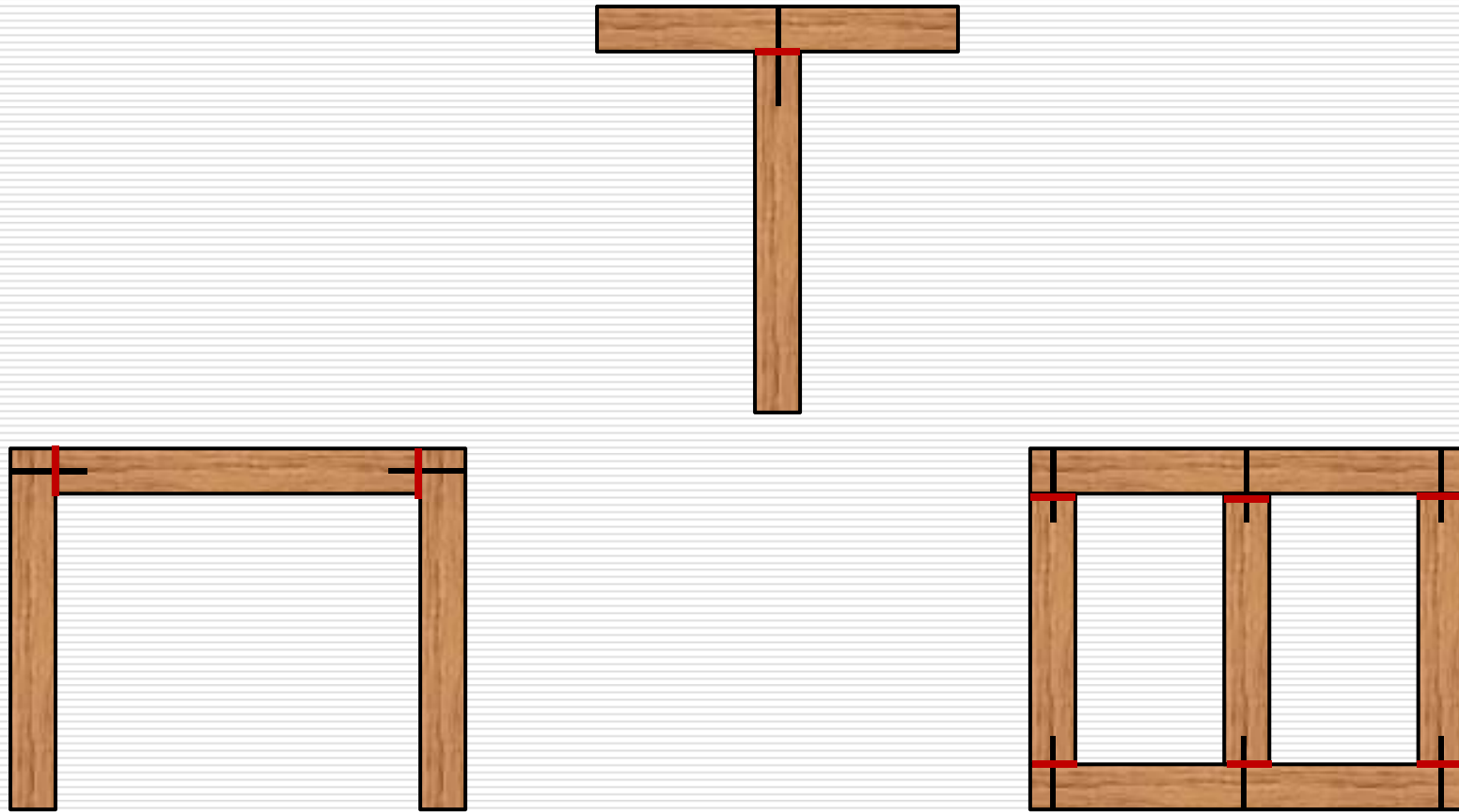


Nails



Fasteners

Different Configurations



Example

A box beam is to be constructed from four boards nailed together as shown. If each nail can support a shear force of 30lb, determine the maximum spacing s of nails at B and C so that the beam will support a vertical force of 80lbs.

