



Assessment task 3 – Evaluate structural elements

Purpose of assessment

To research and evaluate structural elements

This Assessment accounts for 20% of total assessment.

Assessment task

Provide substitute designs for alternative structural elements including members, bracing & tie-down for:

- Change of stress grade due to the same type of material (e.g. timber)
- change of wind classification (provide reference to the BCA)
- Change of stress due to a different material (e.g. timber vs. steel)
- change of cross-sectional shape