

## VURB ASSESSMENT

“Verification Using a Reference Building” (VURB) provides a methodology whereby an alternative solution can be achieved that meets the Energy Efficiency requirements of the National Construction Code.

Verification Method V2.6.2.2 uses a theoretical reference building, which is a building modelled with the Deemed-to-Satisfy (DTS) elemental provisions, to determine an annual energy consumption as a benchmark.

The annual energy consumption for the proposed building (including client specifications) is then calculated using the same thermal modelling software along with a set of fixed parameters.

Compliance is verified if the proposed building has an annual energy consumption equal to or less than that of the reference building.

Due to its increased complexity, this assessment method does take longer, as we essentially need to conduct a DTS assessment and two software ratings.

The assessment fee is higher however the benefits include more flexibility with design specifications as well as lower construction costs.

Whilst this is a more cost effective solution in terms of construction, the thermal performance of the building is not comparable to a 6 star rated house.

