

7.0 Office Building Facade & Materials

The façade is designed to be environmentally responsive by blocking direct sunlight from entering the building while optimising daylight and minimising glare. Materials selected are considered to be robust and low maintenance.

The roof is supported by steel columns at 9m centres located two metres away from the buildings façade. This separation provides easy access to the façade for maintenance as well as accommodating a deep roof overhang that provides weather protection and sun shading. The columns support for a series of 600mm aluminium sun control louvres that have been carefully positioned and angled to cut out direct solar radiation while at the same time allowing outlook from the floor plate and good access to natural light.

High performance double glazing supported by timber window frames is combined with solid insulated spandrels to provide good insulation to the office space. The spandrels are clad in recycled timber and along with the timber frames help to reduce the buildings embodied energy. The use of timber responds to the buildings more natural suburban setting providing a humane and tactile expression.

Pictured Part section elevation of facade

