

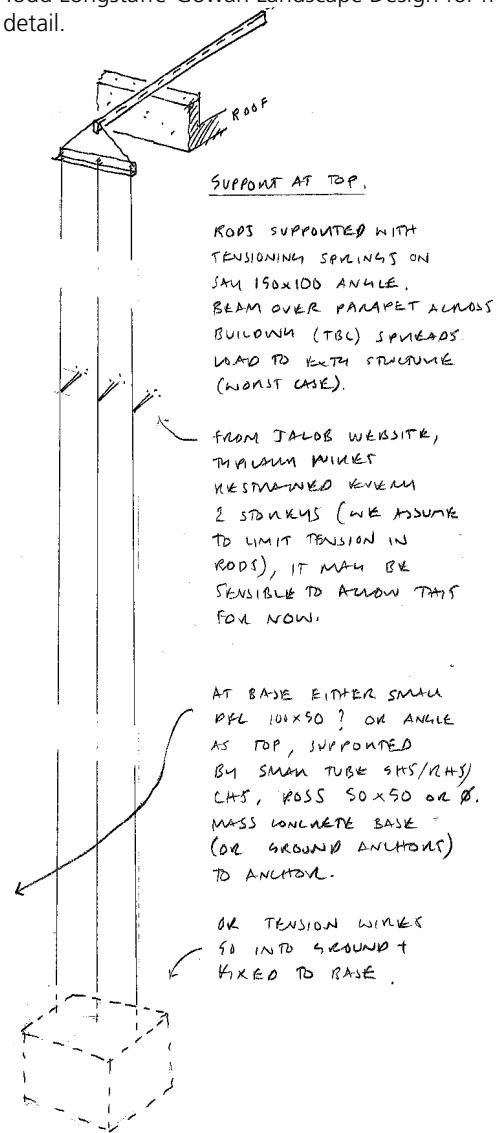
8. PROPOSALS FOR EXISTING BUILDINGS

8.7 Brewer & Marcus Lower Buildings

Vertical Greening

It is proposed that both the east and west facades of the Brewer Building and Marcus Lower Building are to be screened with a lightweight cable and wire support system that will support climbing plants. The climbing plants proposed will be self-twining in habit with a mix of sun to shade tolerant species. The system will be arranged in panels to help control plant growth and will be offset from the building facade to facilitate maintenance. The planted screening will help better integrate the existing block into the landscape of the site.

Please refer to the Landscape Report prepared by Todd Longstaffe-Gowan Landscape Design for more detail.



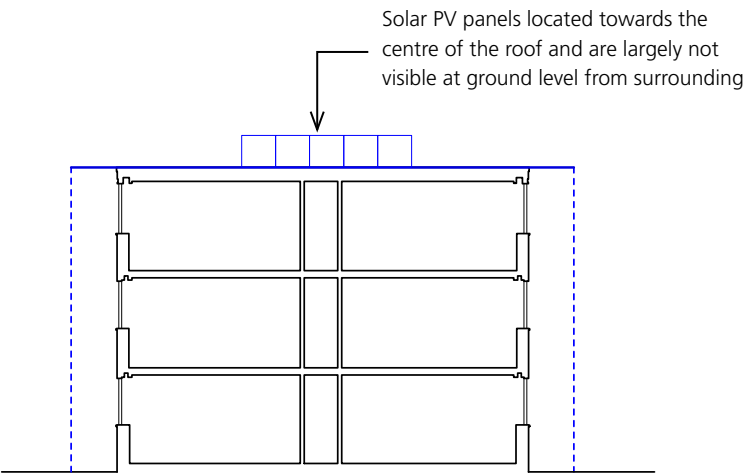
Engineer's sketch of structure supporting climbing plants

Solar PV Panels

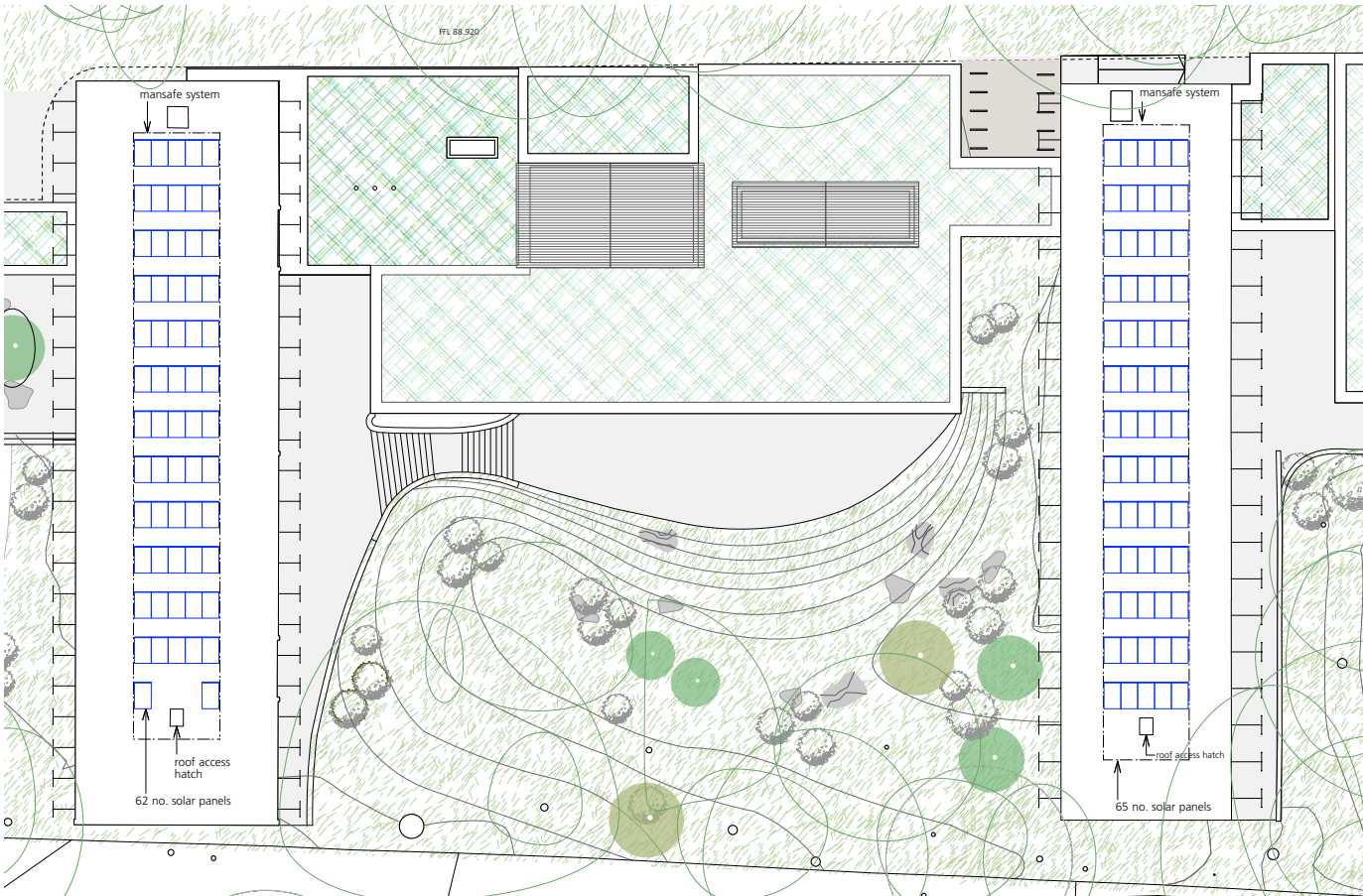
The Brewer and Marcus Lower Buildings are the taller than their neighbouring structures and will largely be unshaded through the year. As a result they are the most appropriate locations for the PV array designed to offset a minimum of 20% of the annual energy consumption. This will be split into two on the roofs of the two existing buildings.

The array will be discretely located towards the centre of the roofs, which will allow sufficient space around the panels for maintenance access and make them less visible from the surroundings.

Please refer to the NRIA and Energy Strategy prepared by Max Fordham that accompanies this application for more detail.



Short section across Marcus Lower Building



Roofplan showing indicative layout of solar PV panels on Brewer and Marcus Lower Buildings