City of Swan
PO Box 196
Midland, WA 6936

Dear Planning Manager,

Re: Development Application- 14 Stephen Street Guildford

Boyd & Jenni Brown are joint owners of 14 Stephen Street Guildford, having purchased the property in 2021.

We are seeking a development application to install solar panels to the east facing roof section of our home and to the patio area as noted on the following diagrams.

The second aspect of the development application is to replace poly carbonate roof sheets to existing veranda structure with zincalume sheets and guttering. The existing veranda structure measures 5.8 metres x 1.4 metres. We have already engaged a roofing contractor who has replaced the sheets and guttering with the job completed in August 2026.



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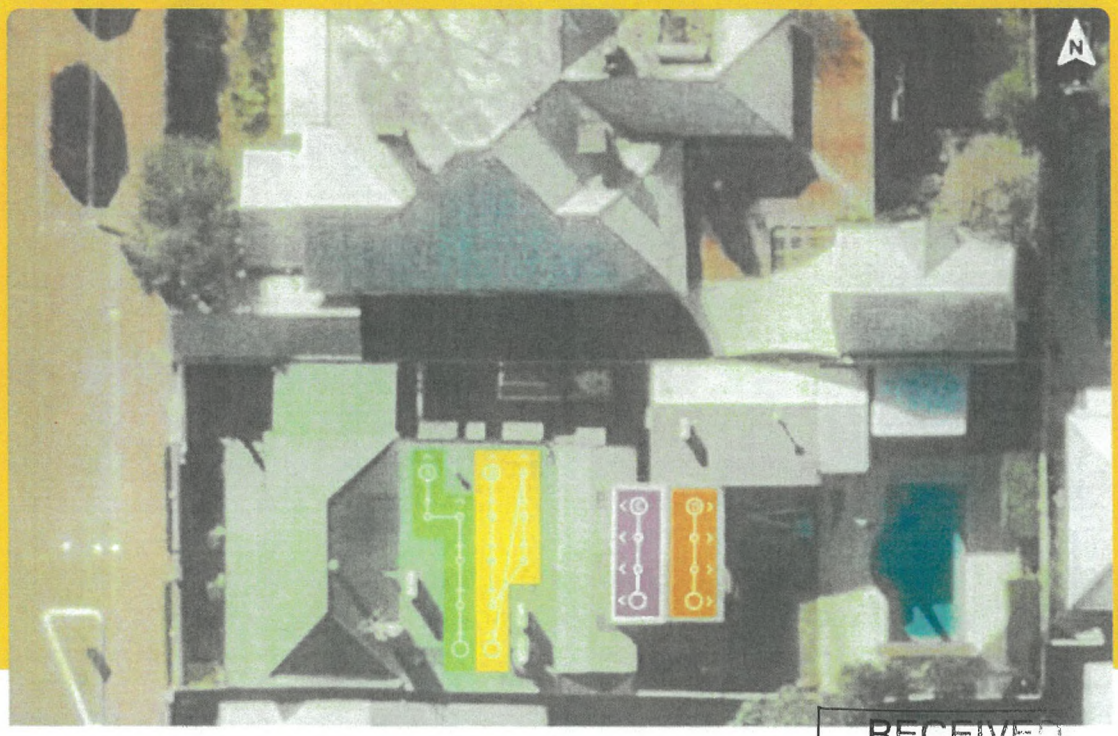
Solar Panel proposed installation arrangement

Proposed panel layout



Panel strings & component markings



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System details

Your custom design

Solar system size[1]
10.45 kW_{DC} (STC)

Battery size
16.64 kWh (16 kWh usable)

Estimated annual production[2]
15,202 kWh

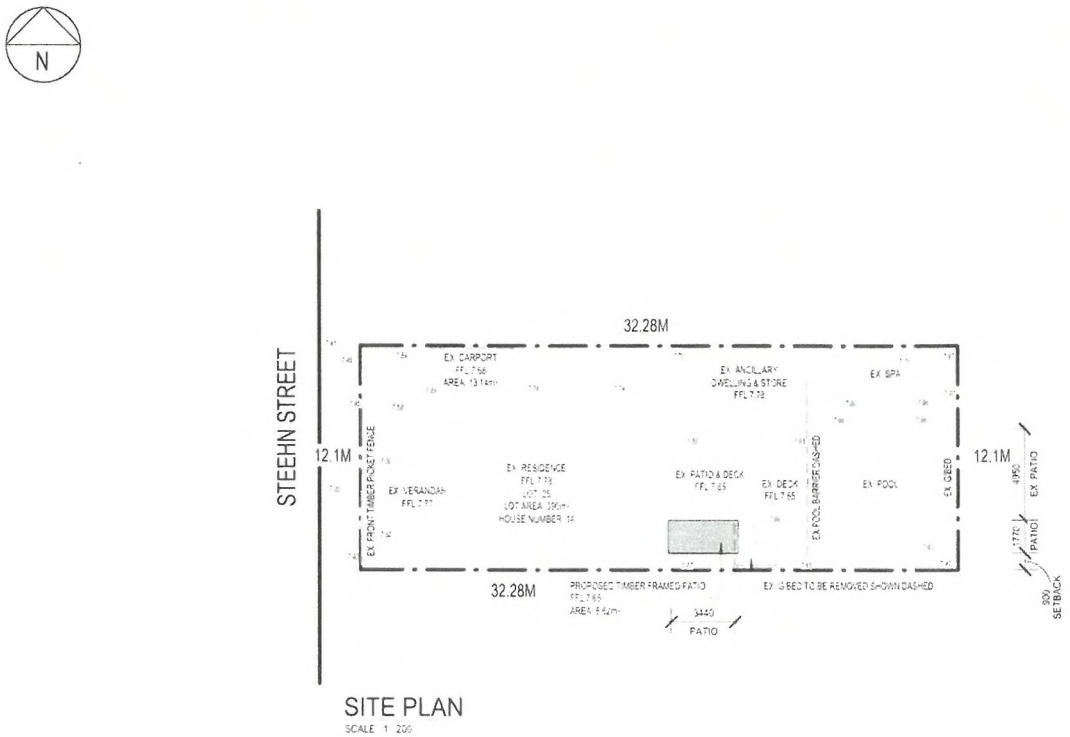
Solar panel
22 × 475W Trina Solar Vertex S+ ·
1,762 × 1,134 mm · Monocrystalline · Datasheet · Warranty

Inverter
1 × GoodWe GW9.999K-EHA-G20 (AS4777-2 2020) · 9999W
Single phase · 97% max. efficiency · Datasheet · Manual · Warranty

Battery storage[3]
2 × GoodWe GW8.3-BAT-D-G21 · 8.32kWh
800 × 326 × 270 mm · 8kWh usable · LFP · Datasheet · Manual · Warranty

System efficiency[4]
78%

Plan of Proposal for Roof solar panels
14 Stephen Street Guildford Lot number 25



SITE PLAN
SCALE 1 200

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General

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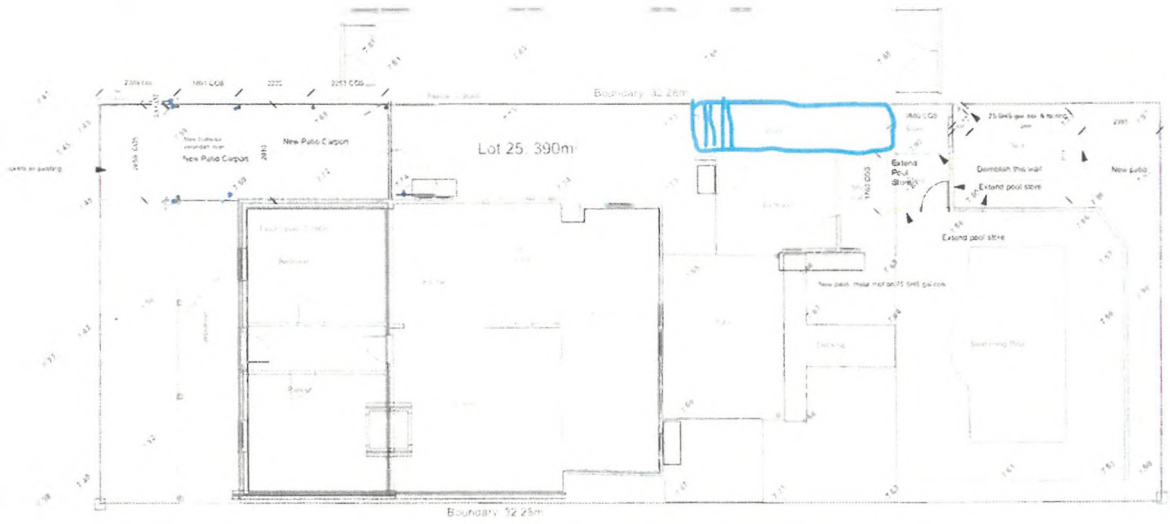
Plan of Existing Veranda structure for Roof sheet replacement
14 Stephen Street Guildford Lot number 25
Blue shaded area is 5.8 x 1.3 metres



N

A01 New Floor Plan
Scale: 1:100

Plan View 1:100
14 Stephen Street Guildford
Lot number 25
Veranda height is 2.4 metres to 2.1 metres at the South boundary

6 South Side Elevation
Scale: 1:100



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General

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Image of polycarbonate sheets prior to being replaced

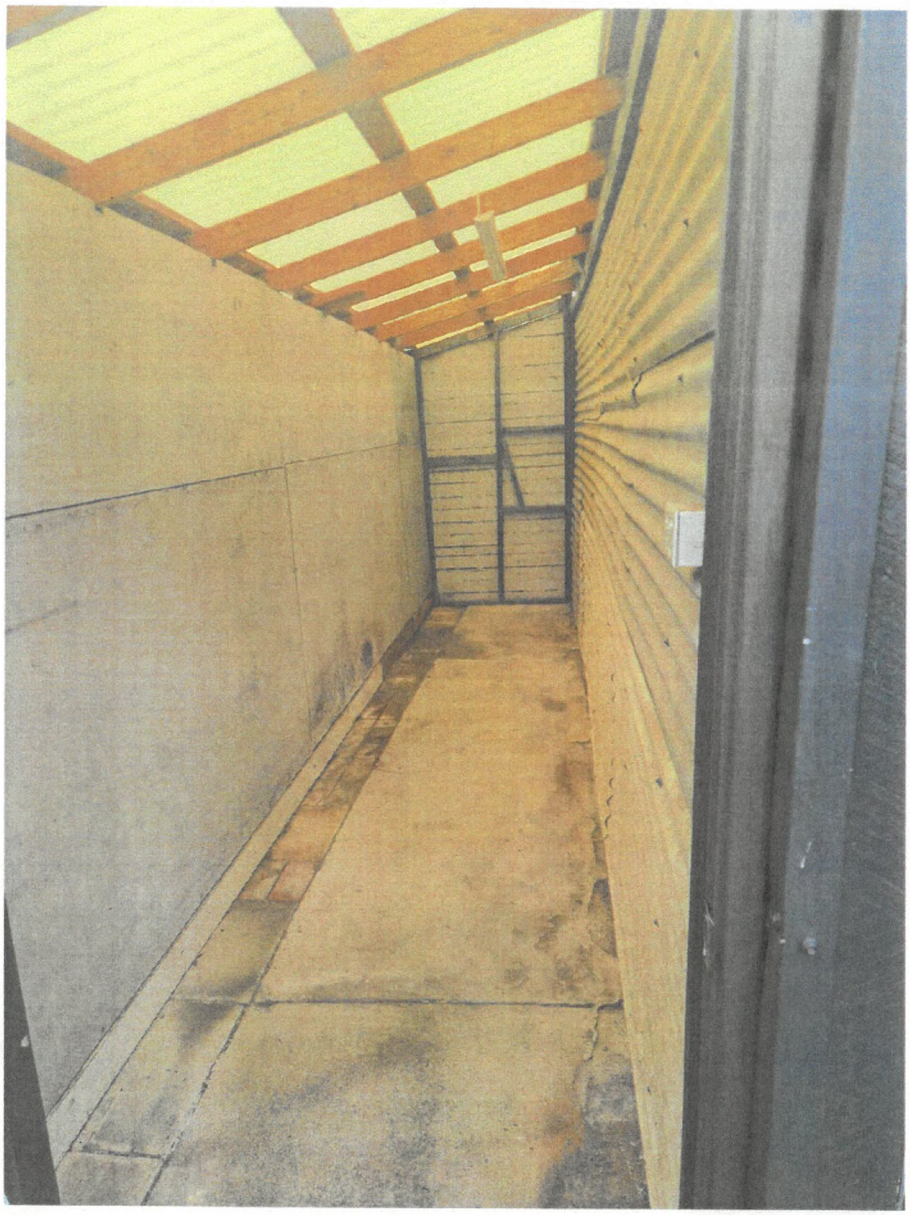

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Image of zinculame sheets replaced in August 2026



Regards,

Boyd & Jenni Brown
14 Stephen Street Guildford

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