

TO WHOM IT MAY CONCERN

RE: DESIGN CERTIFICATE - DOUBLE CARPORT

This is to certify that I have checked the abovementioned Double Carport details:

- Structure Type: 5.5 m x 5.9 m x 3.0 m high Flat/curved Roof Double Carport
- Wind Various Speed Limits to 140.4km/hr in region A and Terrain Category 3

See also appendix for Acetech Architectural Pty Ltd Standard single carport:

- 1) Installation method details**
- 2) Profile section details**
- 3) Carport Installation Manual**

I have completed the latest Structural Engineering checks, **including the Engineering member Details and Sections – and all new proposed fixing detail works for the Double Carport** as required and have to advise that the structural engineering members have been designed in accordance 140.4km/hr wind speed & complies with the following provisions of the Regulations: **Australian Standards AS/NZS**

1170.2:2011, AS1664.1:1997, NCC 2025.

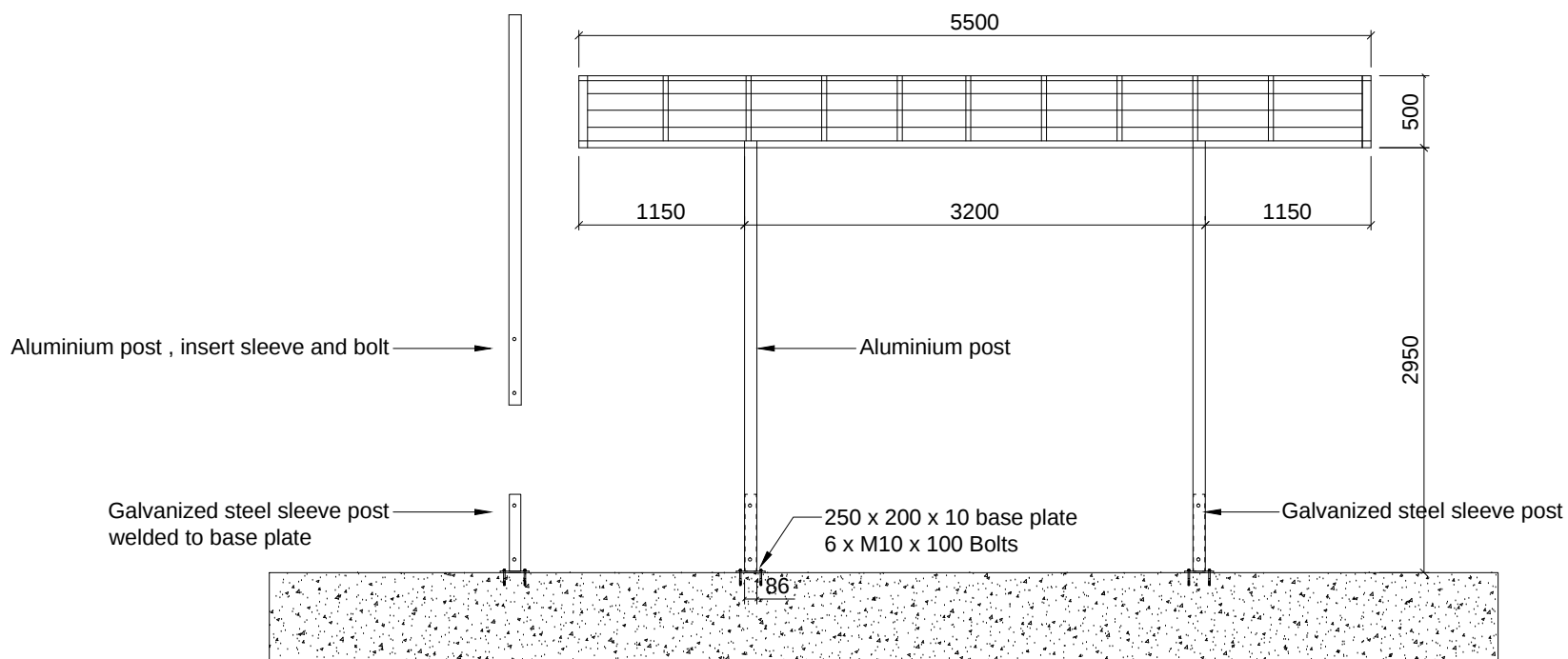
Hold down requirements: Refer to attached connection details for footing embedment or bolt-down fixing - Minimum Ground Bearing Capacity: 200kPa.

The Structural Report submitted (as mentioned above) will be structurally adequate to carry proposed design loads and comply with NCC 2025, And relevant Australian Standards (AS 1170, AS1684 and AS2870).

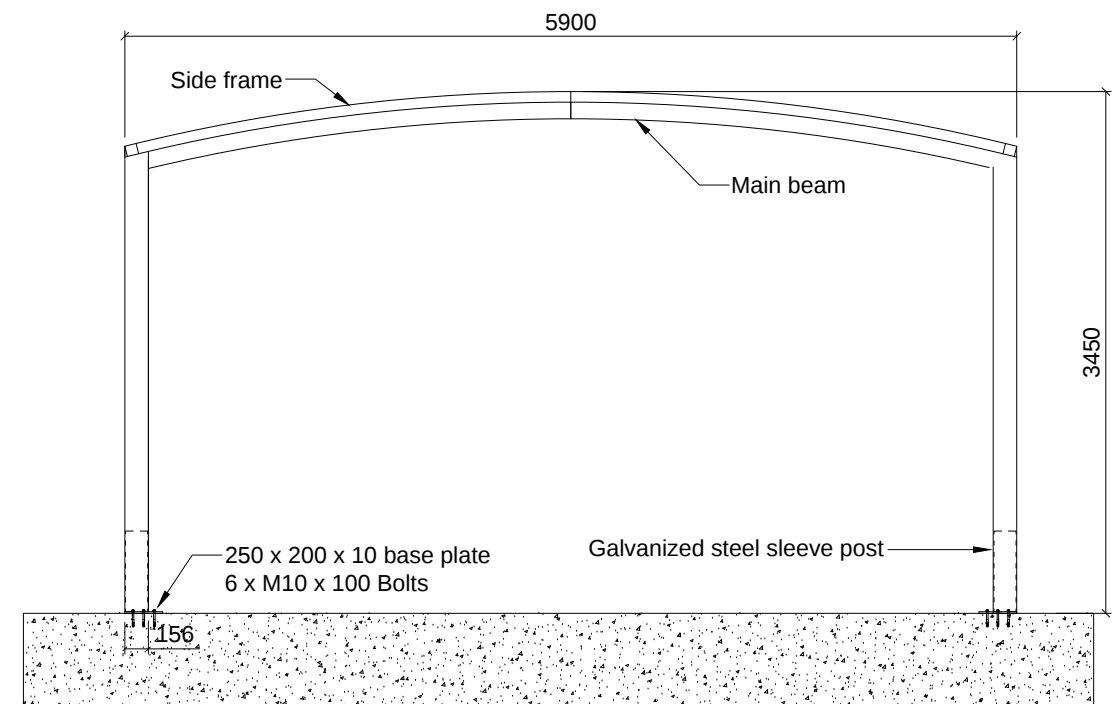
Yours faithfully



Joseph Natoli
Practicing Engineer
C.P. M.I.E. (Aust.)
No: 239126
3 July 2026

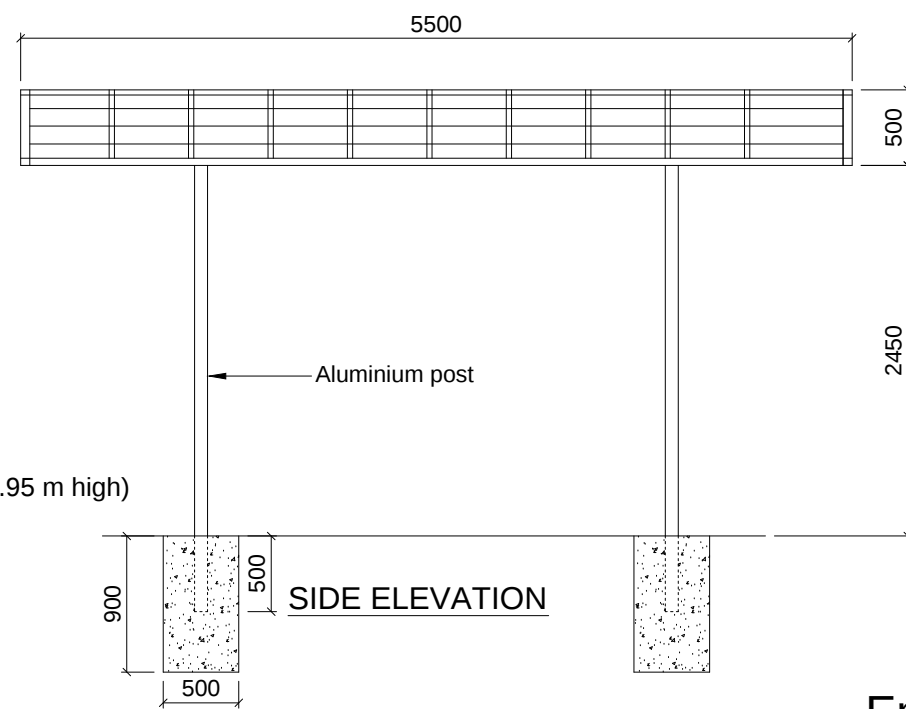


SIDE ELEVATION

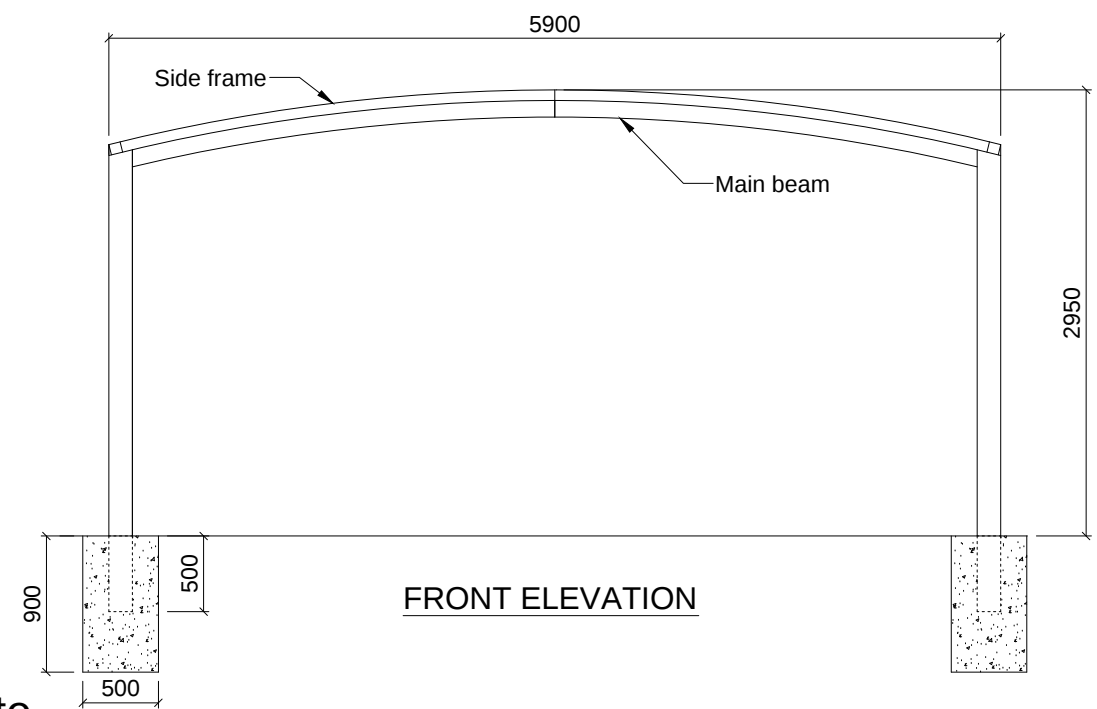


FRONT ELEVATION

Base plate fixing



SIDE ELEVATION



FRONT ELEVATION

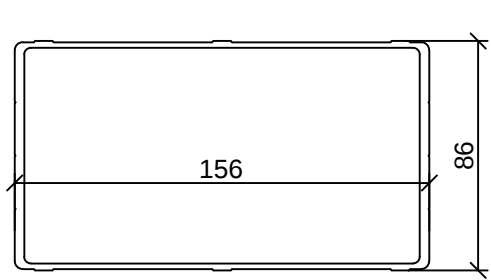
Embed to concrete

Acetech Arcitectural Pty Ltd
Standard double carport (5.5 m x 5.9 m x 2.95 m high)
Installation method details

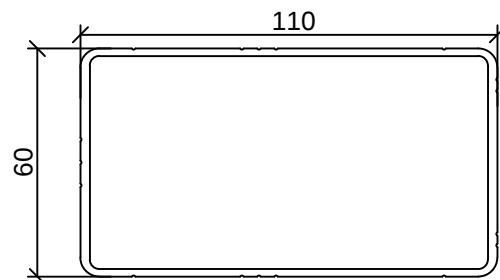
Scale - 1:50 in A3

Acetech Architectural Pty Ltd
Standard double carport
Profile section details

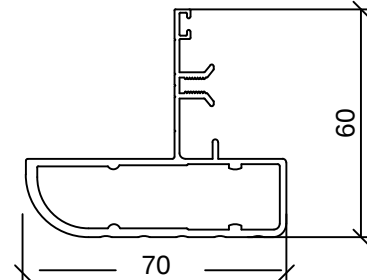
All aluminium grade 6063 temper T5



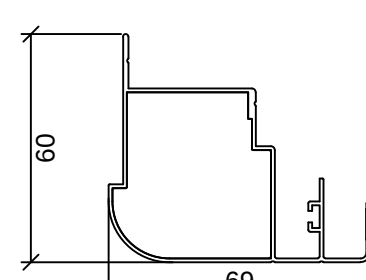
Item	Post
Thickness	2.5-3.5mm



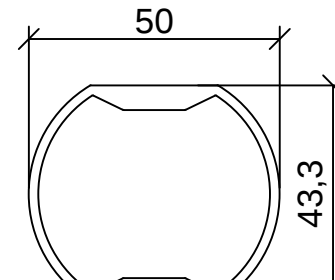
Item	Main beam
Thickness	2-2.5 mm



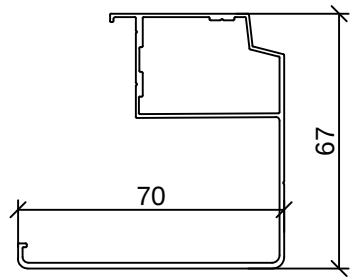
Item	Side frame
Thickness	2.2 mm



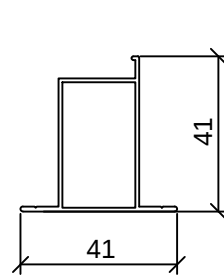
Item	Front eave
Thickness	1.2 mm



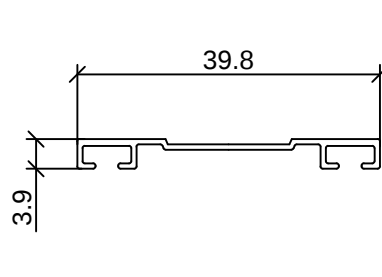
Item	Pull rod
Thickness	2.5-5.0mm



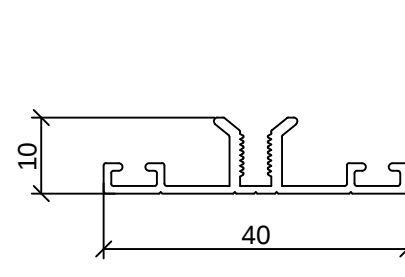
Item	Gutter
Thickness	1.5 mm



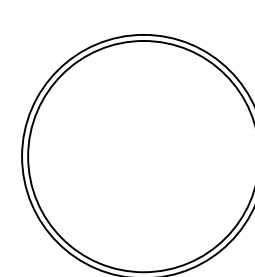
Item	Deputy frame
Thickness	1.2 mm



Item	Upper strip
Thickness	0.8 mm



Item	Down strip
Thickness	1.0 mm



Item	50 Water down pipe
Thickness	1.0 mm