

CASE STUDY

PARLIAMENT HOUSE, ADELAIDE – Replacement of AHU Supports by ‘HVAC Roof Supports’



A request was made to local company 'HVAC Roof Supports' by 'Westside Mechanical' to provide a support solution to decaying, existing supports, to accommodate the existing air handling units. The roof surface had failed and was leaking water. A new concrete slab was laid and 'HVAC Roof Supports' supplied the 'Bigfoot Systems' support framework.

We supplied two frames at 4.5m in length, providing point loadings of 10.5 kN/m² and one frame at 5.5m in length, providing point loadings of 11.61 kN/m²

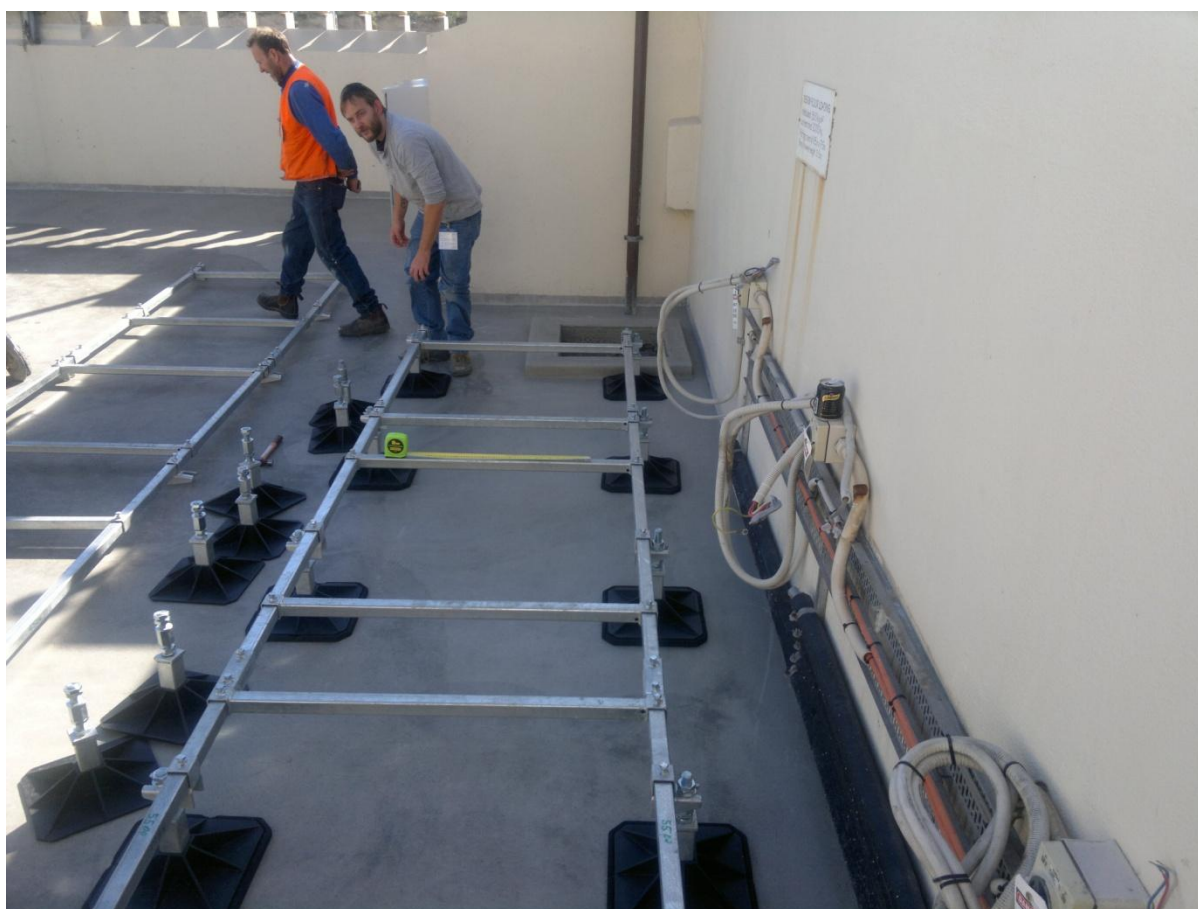
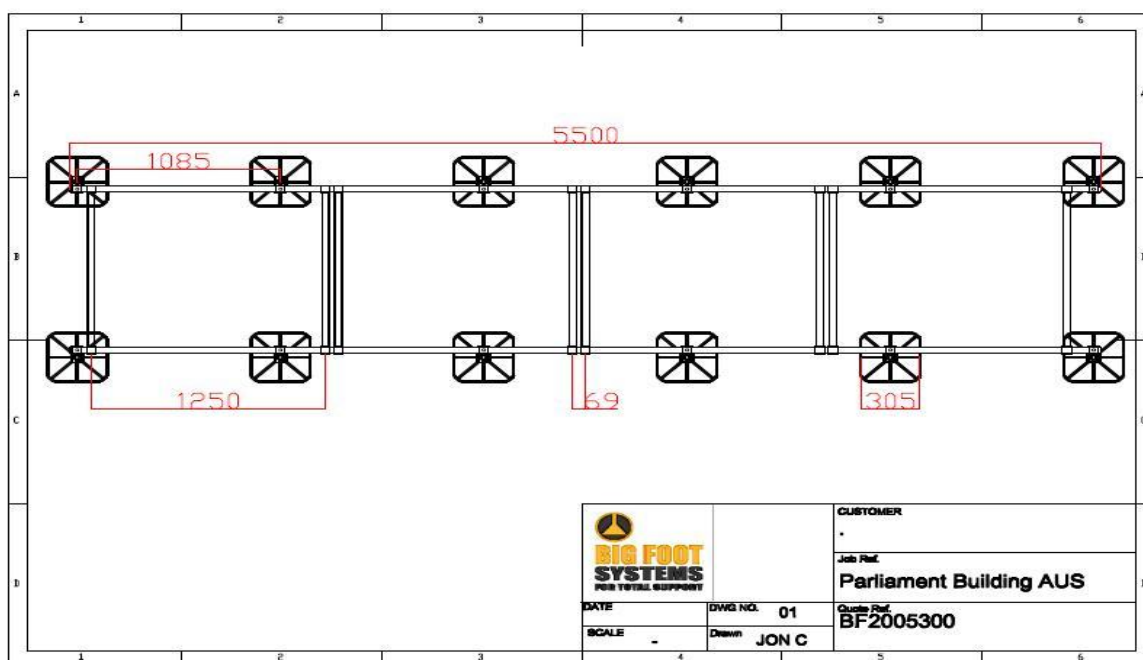
There was no requirement for costly crane hire, as the frame prior to assembly could be carried up onto site.

The below photographs are of the frames during the assembly phase, and then of the completed project.

The contractors were very impressed on the simplicity and flexibility of the system, as the assembly of the frames was not only user friendly, but very OH&S friendly too, without having to cut, grind, weld or drill on the rooftop, making the selection of our frames a safe, economical and obvious choice by 'Westside Mechanical' on behalf of the South Australian Government.

Please see the Westside Mechanical testimonial on the final page.

One of 4 actual CAD Drawings provided to the contractor for ease of assembly.











The end result was a successful one, with 'Westside Mechanical' completing the job in a timely manner, and the customer, ultimately the Government of South Australia, very pleased that the Air Handling Units will be operating again in an effective manner, and when they are to be renewed, the same frames can be utilised for the new AHU's, making the concept of using 'Bigfoot Systems' through 'HVAC Roof Supports' another example of a cost effective solution, with the knowledge that the reputation of 'Bigfoot' is unsurpassed, and where certification on strength and point loadings are provided, you know these come from a company you can trust.



"The Bigfoot roof supports were terrific. They were easy to install and came with all the relevant technical data and assembling instructions. The frames themselves are adjustable so it's easy to fit different size condensers on the same frame without any trouble. The guy's from 'HVAC Roof Supports' are great guys and always willing to render assistance when needed. Pick up was also very easy."---

Joe Larosa -Project Manager



15 June 2011