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Structural Engineering Certificate
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**BUILDING DESIGNERS
ASSOCIATION OF AUSTRALIA**

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Rotary International Award for
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31st January, 2018

Mrs. Susan Graham
Chair, Prince Henry CA Executive Committee
55 Gubbuteh Road, Little Bay

Susan Graham [susan9graham@gmail.com]

Dear Susan,

**Re: Telstra proposal to install towers to improve
mobile phone reception on the roof of the
Moran Aged Care Facility.
1420 Anzac Parade Little Bay**

Review of Proposal

Following my viewing all of the Telstra documents and our several discussions, I offer the following:

To clarify the location of the proposed antennae, shrouds and equipment shelter, I have drawn these components on to a roof plan and 3d model. Only the proposed roof equipment is detailed. Wall mounted Antennae A2 & A5 mounted on the south east wall face have also been included.

This is to show the locations proposed by Telstra.

To reduce the viewed height of these items from the ground, I recommend moving them away from the outer faces of the building. This will reduce the bulk of the proposal.

There are also a number of roof penetrations shown on the satellite view on Google maps, as attached.

These penetrations will need to be clear of the proposed infrastructure.

If the proposed elements are installed at the nominated height limits, then my suggestion is :

To locate all proposed antennae, shrouds and equipment shelter as indicated, but moved to suit the following condition:

The minimum clearance to any part of any proposed rooftop antenna, shroud and equipment shelter shall be 3000 millimetres minimum clear of all external parapet faces and to clear existing rooftop elements.

The heights of all equipment are satisfactory.

I recommend that any future similar installations be investigated in a similar manner as views, buildings, etc will be different.

Yours faithfully

A handwritten signature in cursive script that reads "Alan Glass". The signature is written in dark ink and is positioned above the typed name.

,Alan Glass
Accredited and Chartered Building Designer