

From: R [REDACTED]
Sent: Saturday, April 13, 2024 5:39 PM
To: Committee, Public Works (REPS) <pwc@aph.gov.au>
Subject: submission: Department of Defence — Albury Wodonga Military Area Redevelopment project

To the committee,

I wish to suggest some practical considerations. The fire engineering considerations regarding the direction the fire doors adjacent to the central staircase of the accommodation blocks open. The lack of redundant WC and bathing facilities within the accommodation blocks.

Lack of consideration for sustainable and redundant environmental control system energy exchange such as vertical hydronic loops. It would be ideal for the base systems to be capable of operating off grid for periods of time and hydronic loops would reduce energy input requirements, would reduce this attack surface and can be installed in a defensible location. The climate in Wodonga is extreme, ranging from 0 to 40°C. Tents are an alternative option but I believe we are discussing comfortable living quarters.

It is possible to install angled privacy screens/grenade barriers over windows such that a private feeling view is possible in tightly arranged buildings. They also reflect direct sunlight improving building efficiency. Meriton successfully deployed such privacy screens in the Sydney suburb of Zetland if you're looking for architectural inspiration.

Robert Heron

