


## Decarbonisation strategies using timber in non-traditional applications



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**aurecon**  
*Bringing ideas to life*





Who is Ralph?



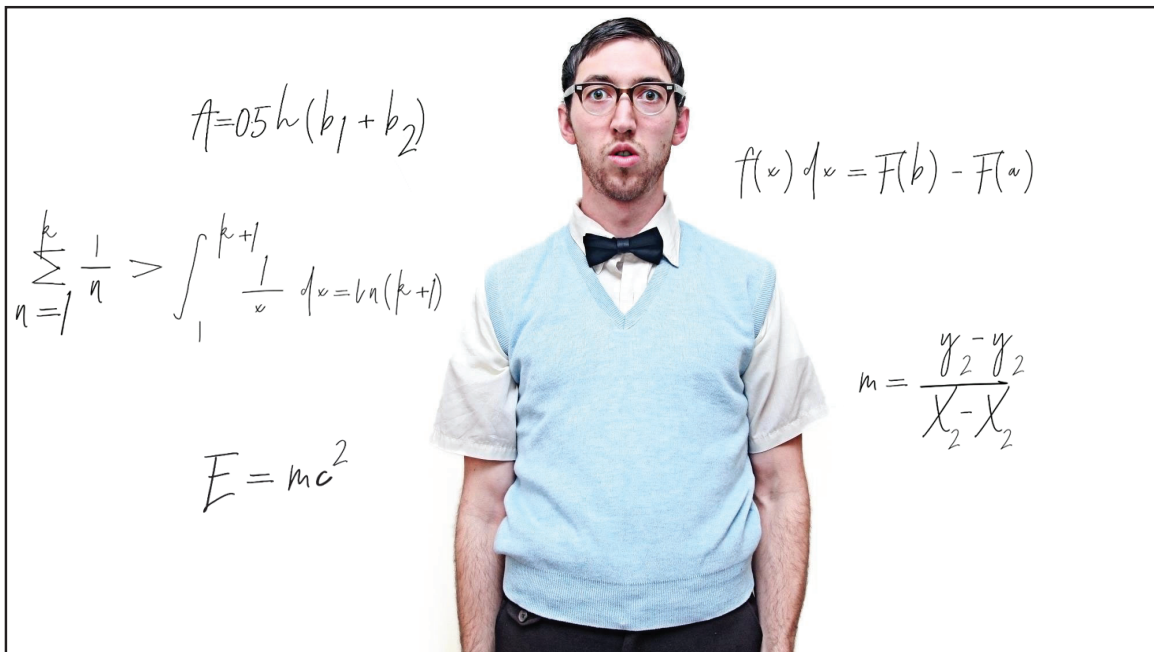


Plan  
Figure 27  
CSR board store, Tumut

Detail A  
Figure 28

Detail B  
Figure 29

- 1. 1080 x 180 glulam radiata columns
- 2. 1080 x 870 x 180 glulam rafters
- 3. 150 gusset plates
- 4. 275 x 40 glulam purlins
- 5. 275 x 40 glulam girts
- 6. nailing pattern
- 7. "Speedbrace" roof bracing
- 8. 516 purlin with 140 x 35 T stiffener





## Healthcare



## Data Centres



## Wastewater Treatment Plants



## Swimming Pools

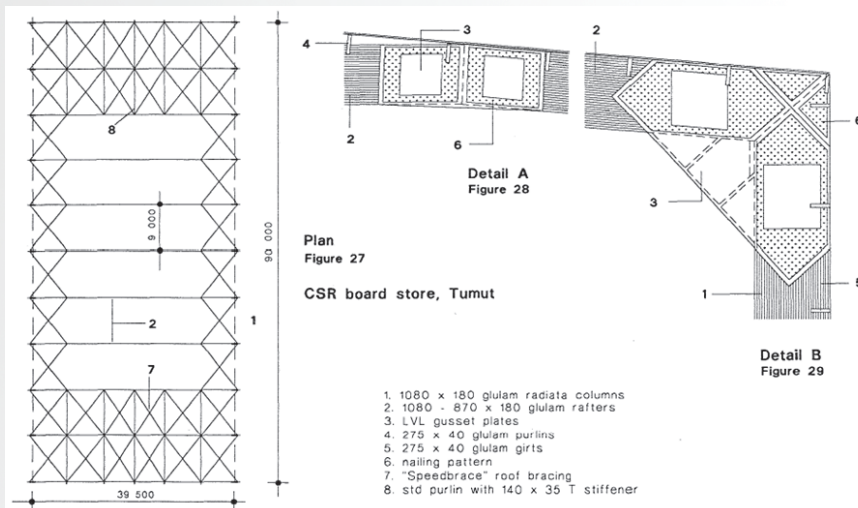




## Industrial Buildings



### CSR Board Store, Tumut NSW (1988)





## Conclusions and Next Steps



- Mythbusting
- Continuing Research
- Advocacy
- Decarbonisation targets that bite?





Thank you!

Bringing  
ideas  
to life



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