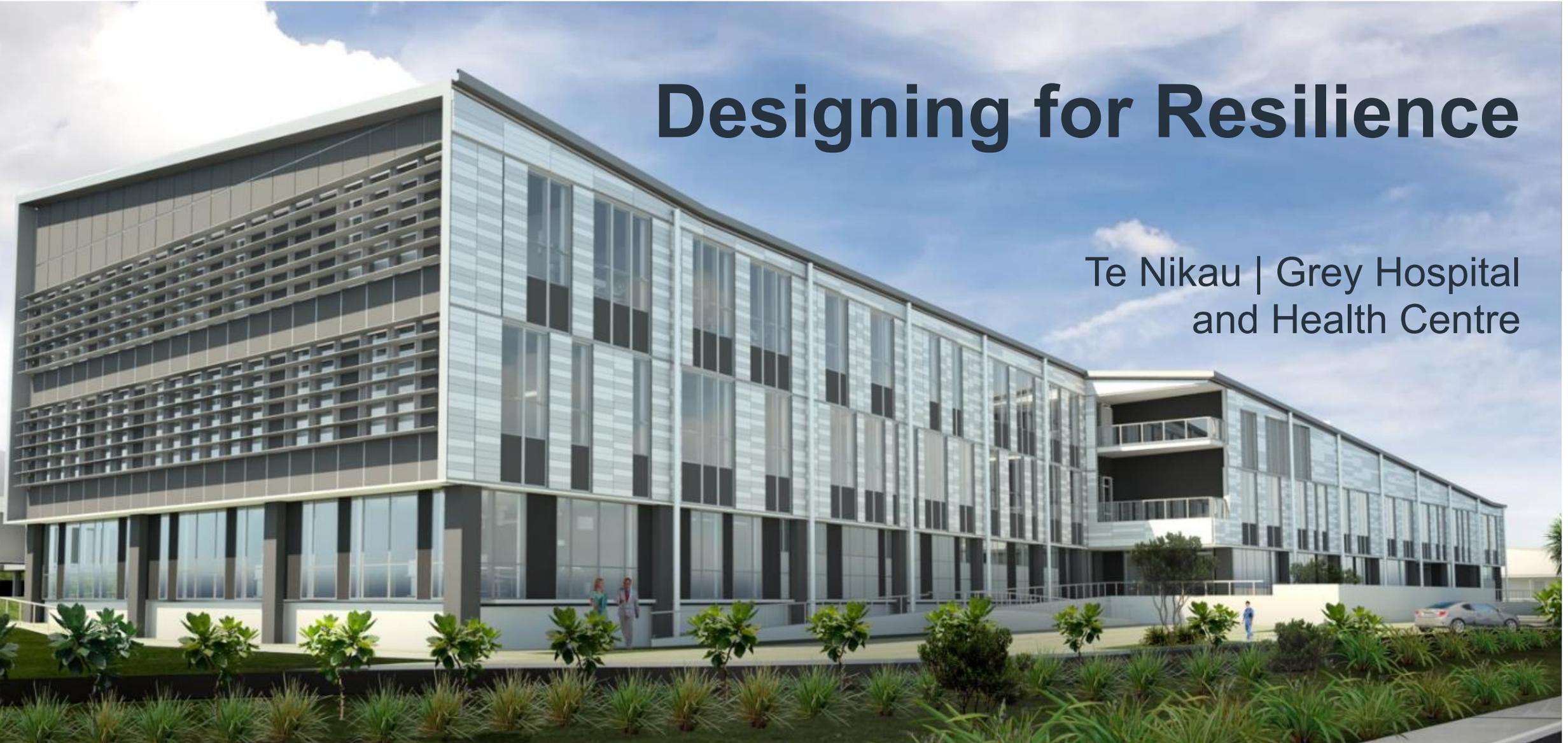


Designing for Resilience

Te Nikau | Grey Hospital
and Health Centre





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- District Health Board -
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Tsunami



Earthquake



Heavy
Rainfall

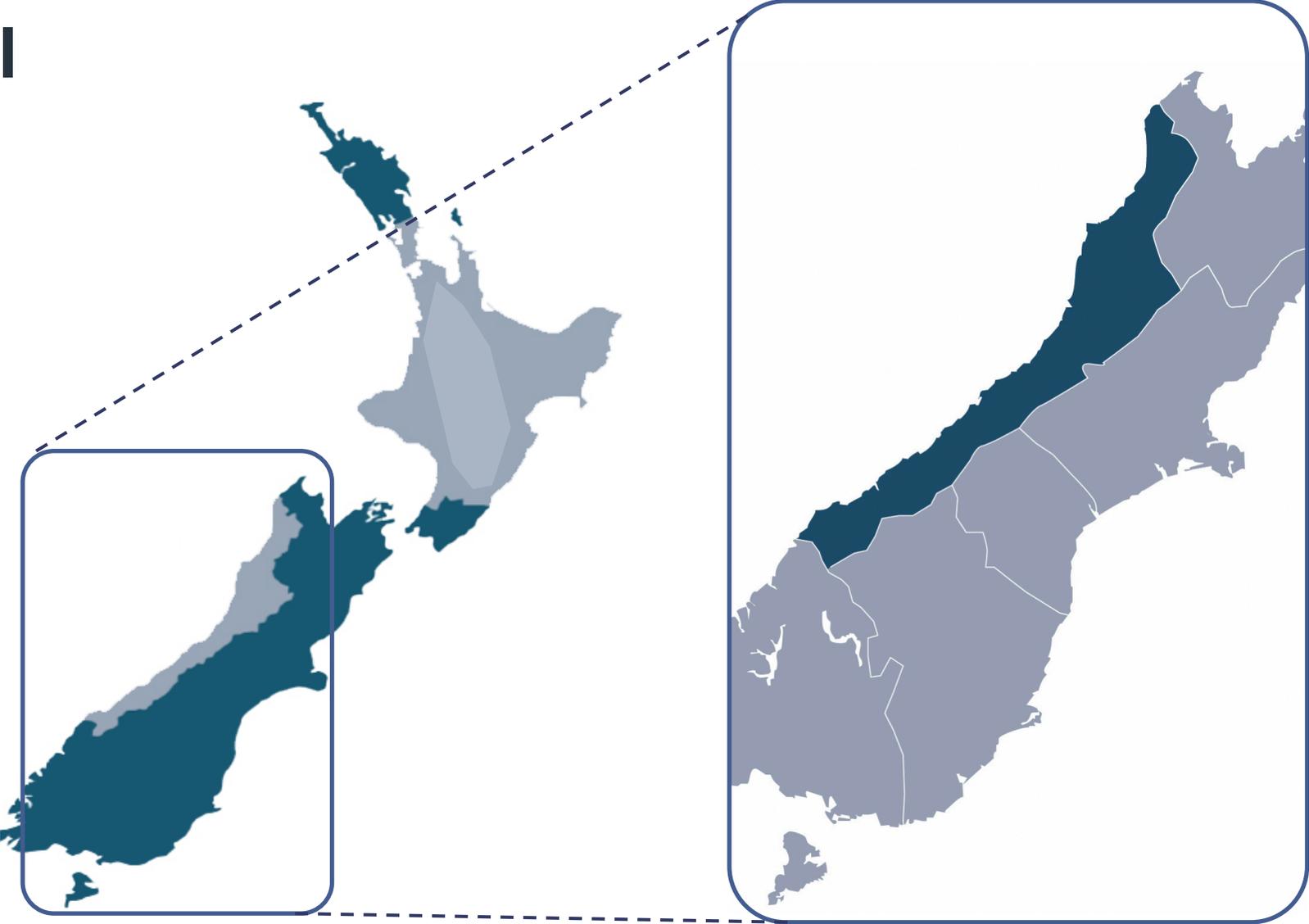


Cyclones

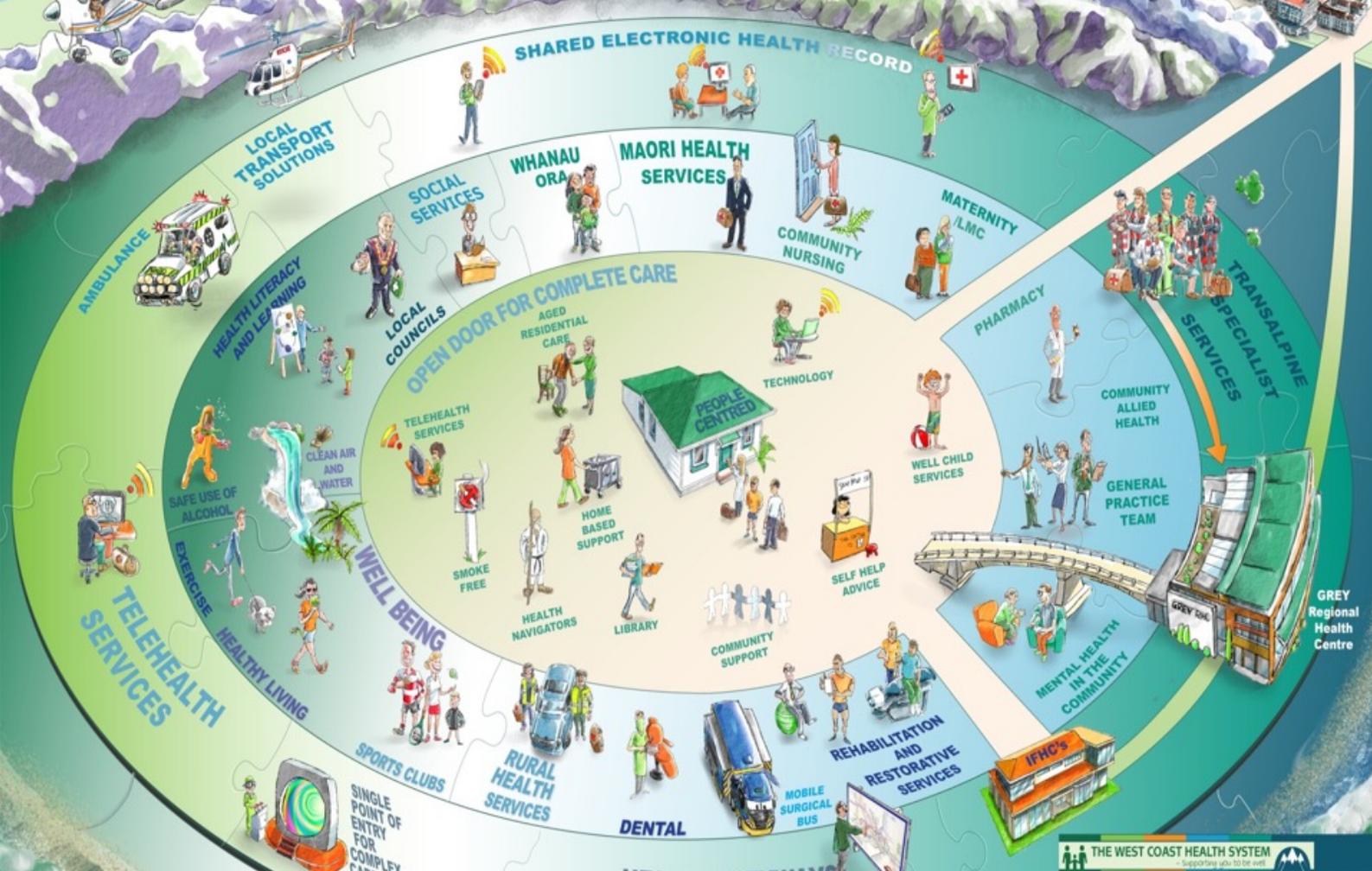


Tornadoes

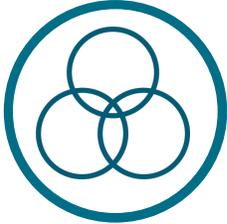
We're rural



An integrated health system



Model of care development



Integrated services



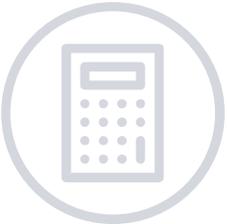
Patient at centre of care



Care closer to home



ICT enabled



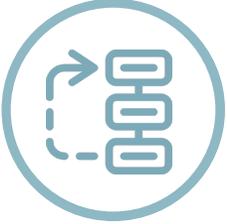
Financially and clinically sustainable



Strengthened responsiveness to Maori Health



Fit for purpose facilities



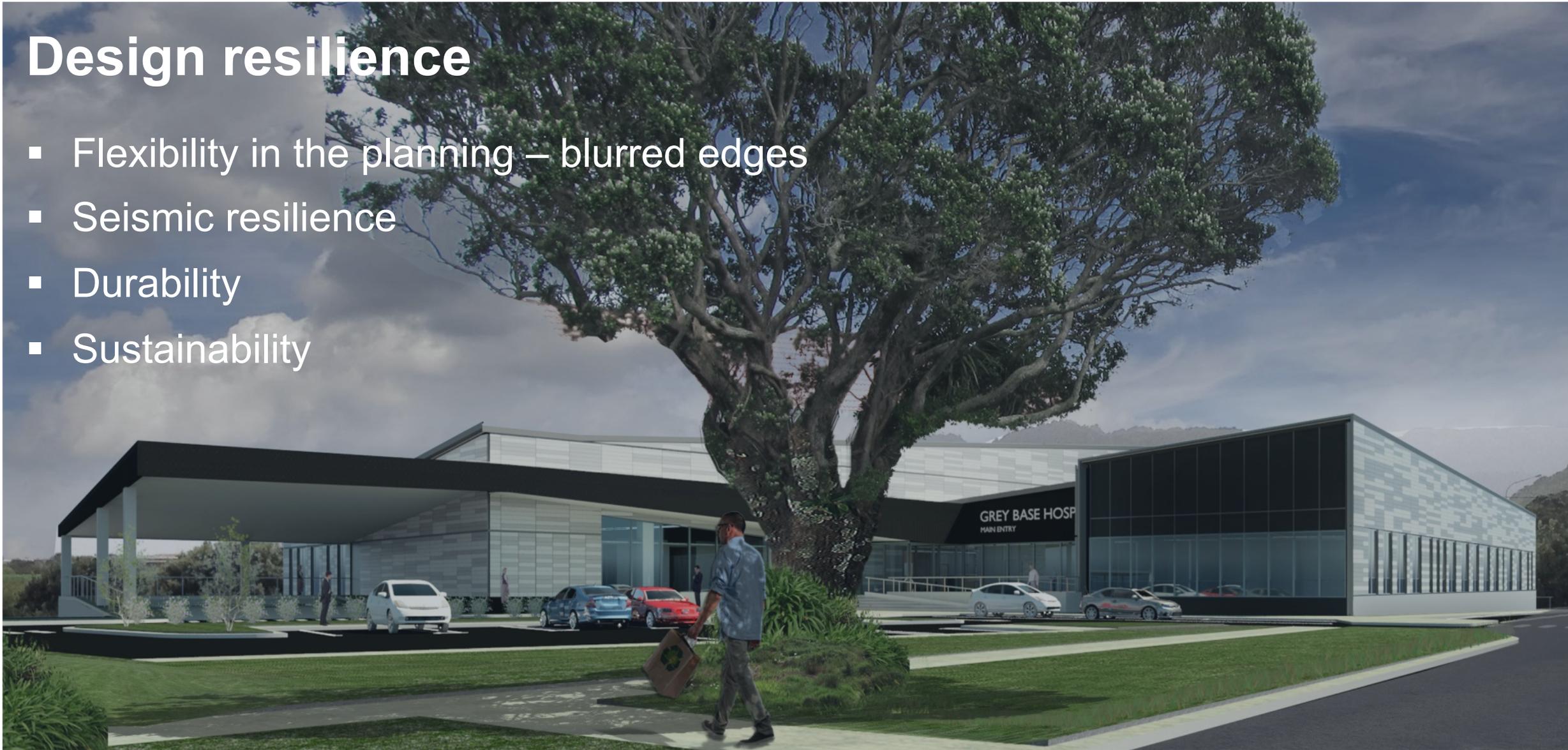
Prioritising resources

Existing facility



Design resilience

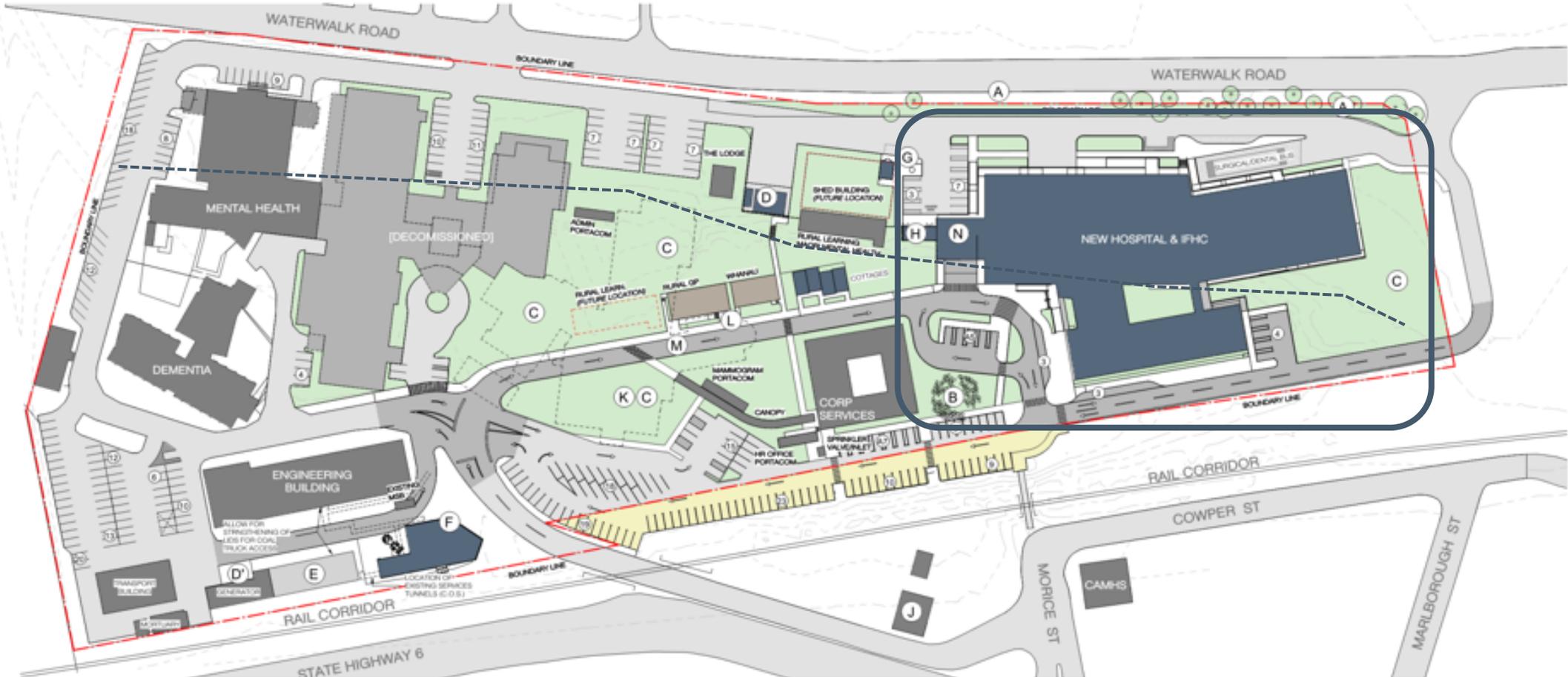
- Flexibility in the planning – blurred edges
- Seismic resilience
- Durability
- Sustainability





Flexibility in the planning- blurred edges

Site plan



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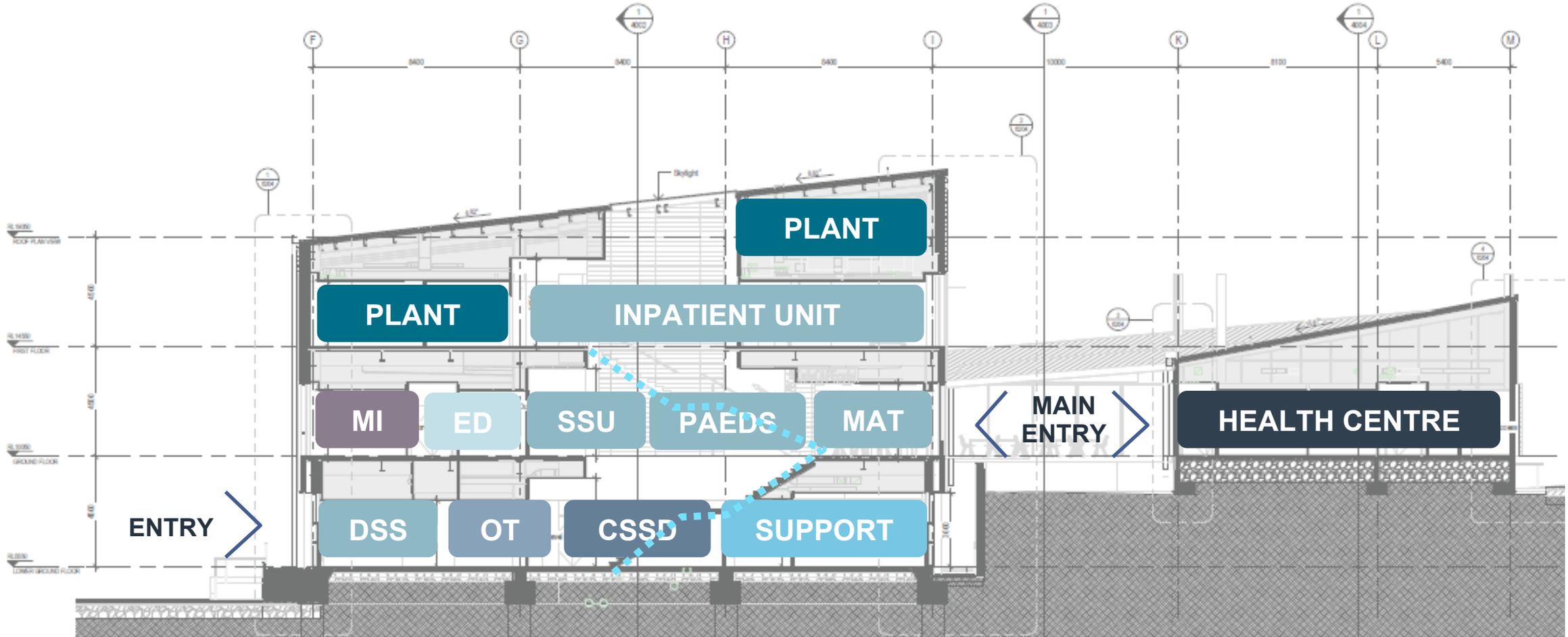
JACOBS



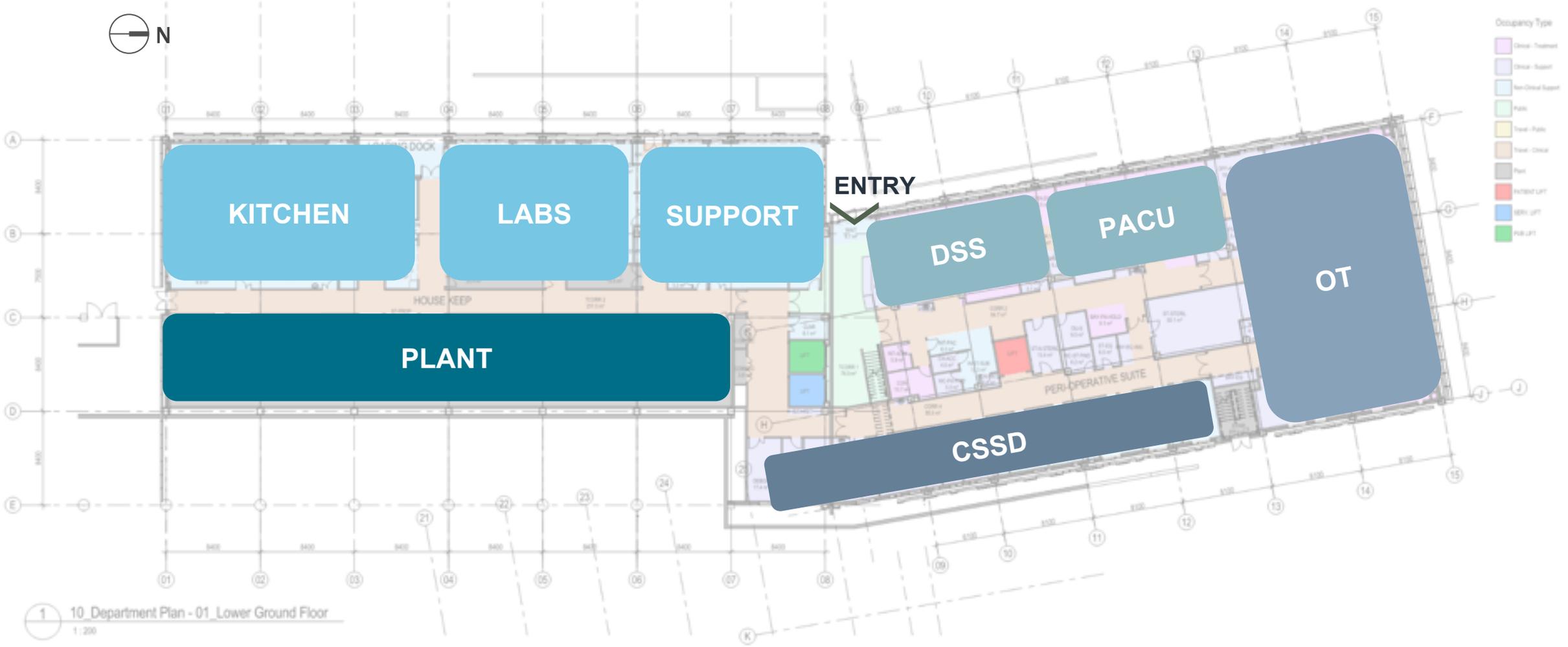
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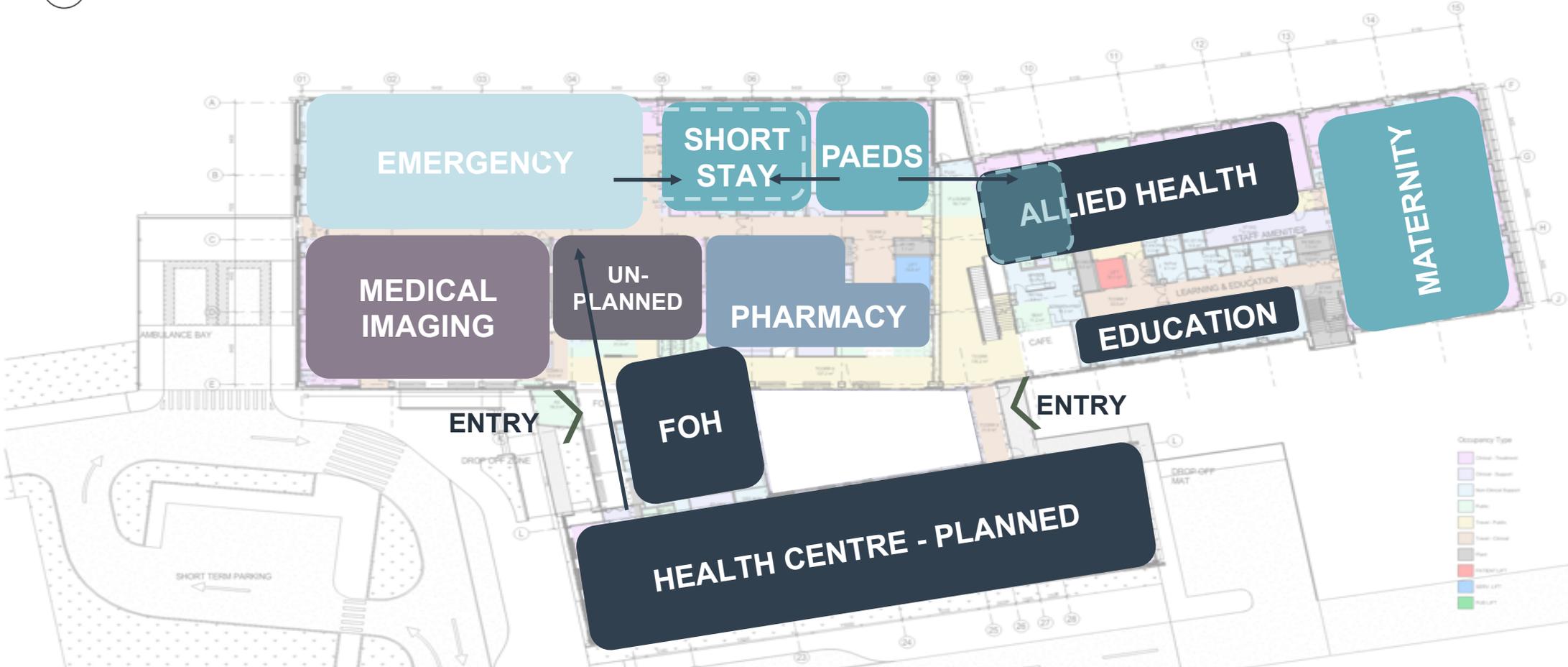
Cross section



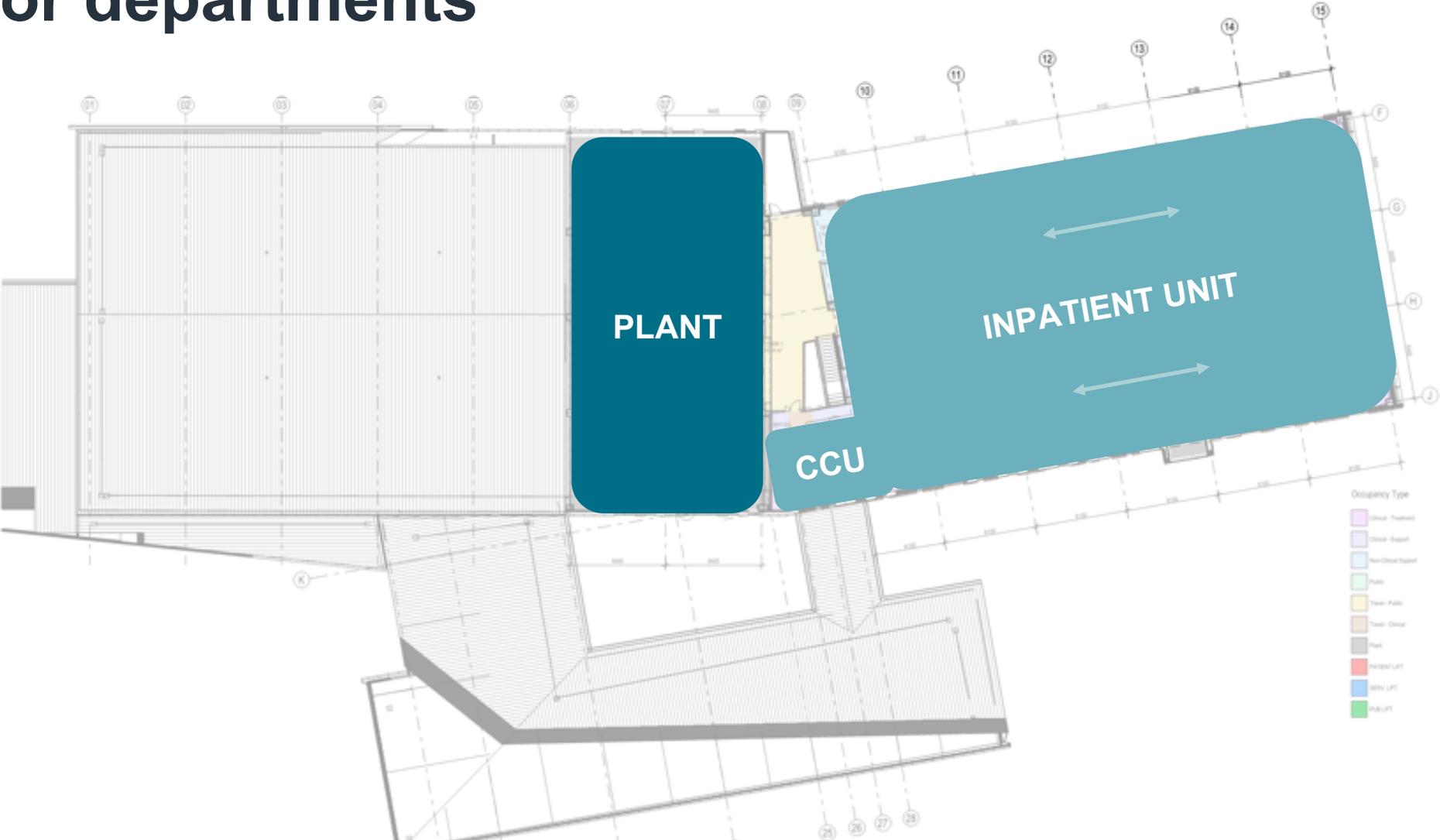
Lower ground floor departments

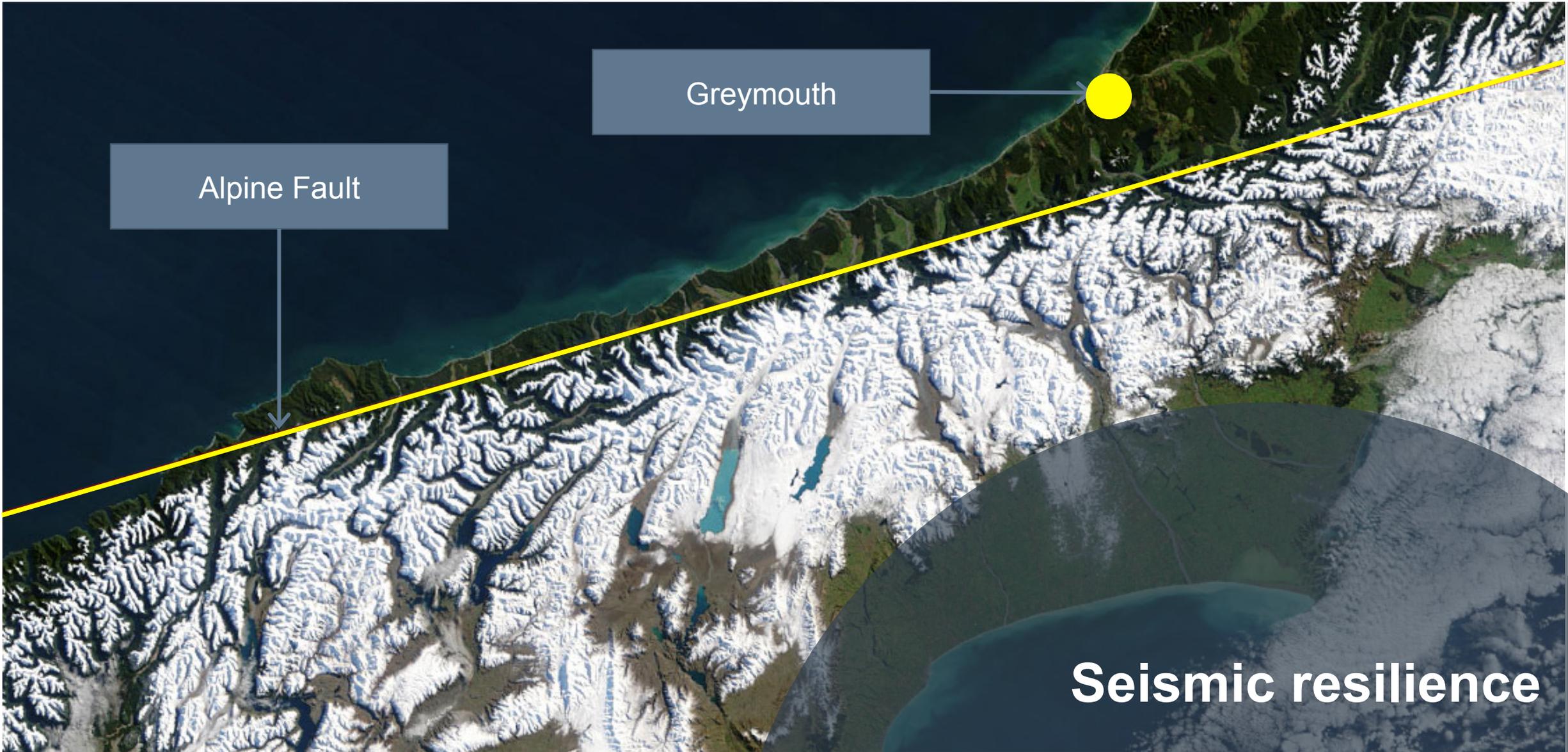


Ground floor departments



First floor departments



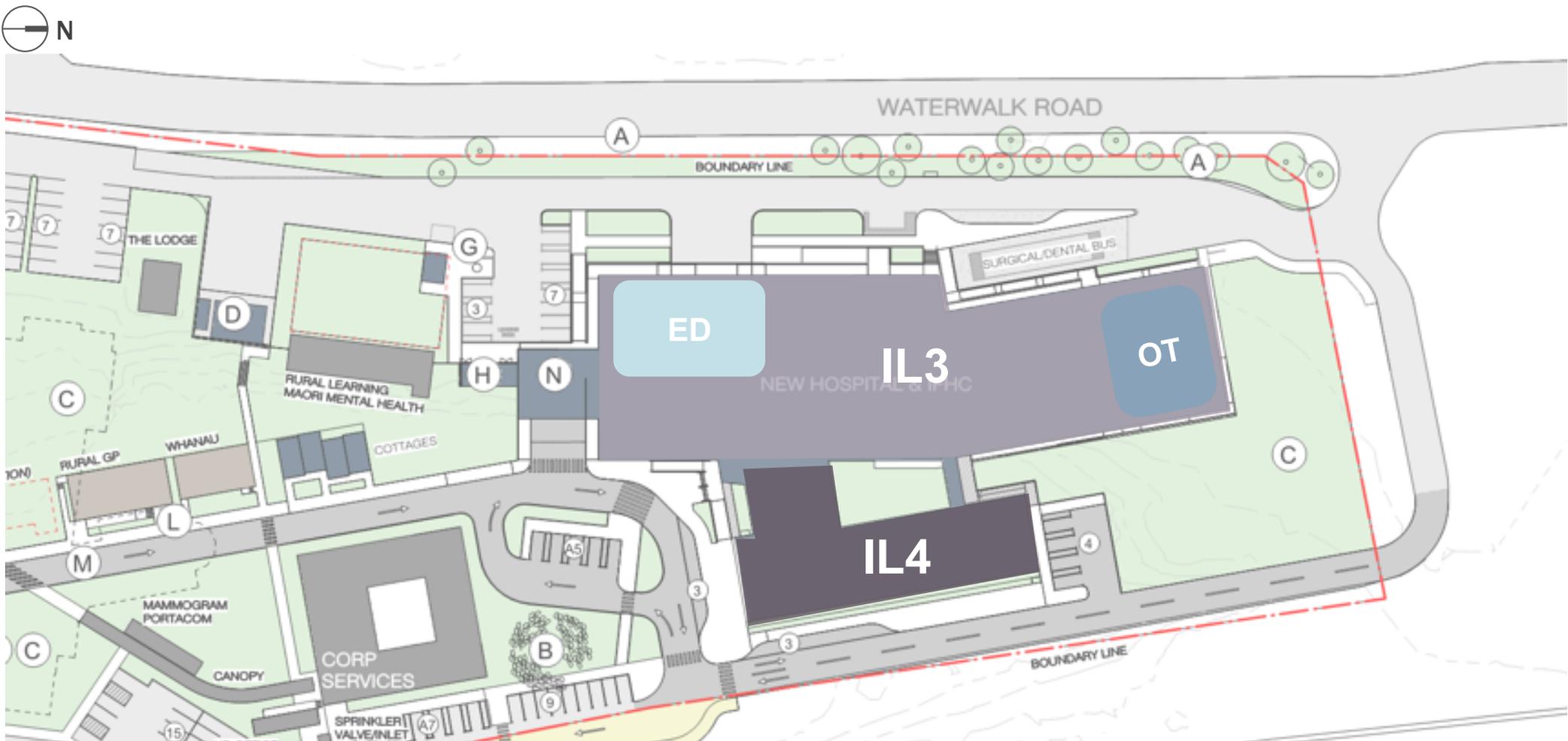


Alpine Fault

Greymouth

Seismic resilience

Seismic resilience - Greymouth response





Durability



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Sustainability



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Sustainability



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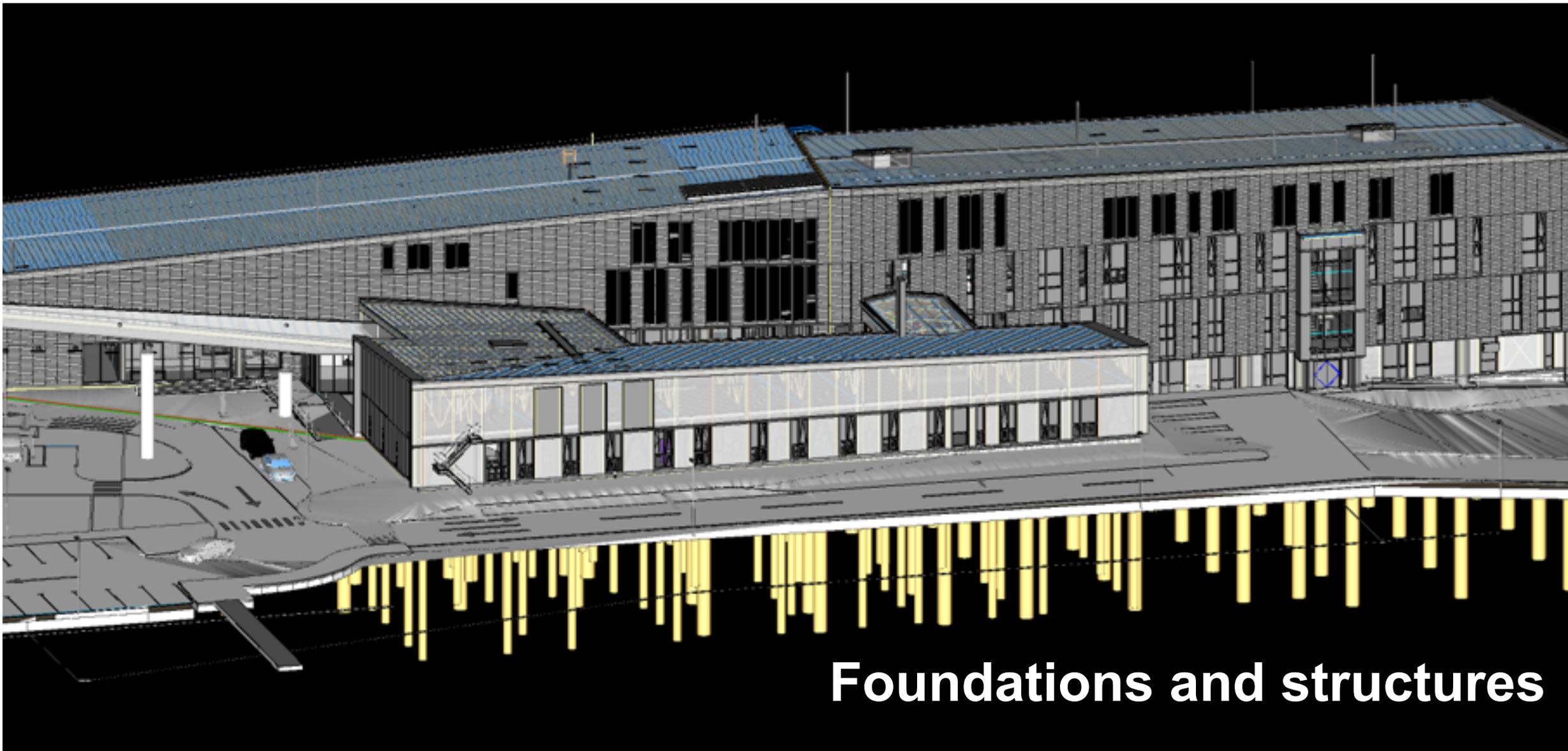
Resilient infrastructure



Post disaster functionality



Post disaster functionality



Foundations and structures



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Foundations and structures



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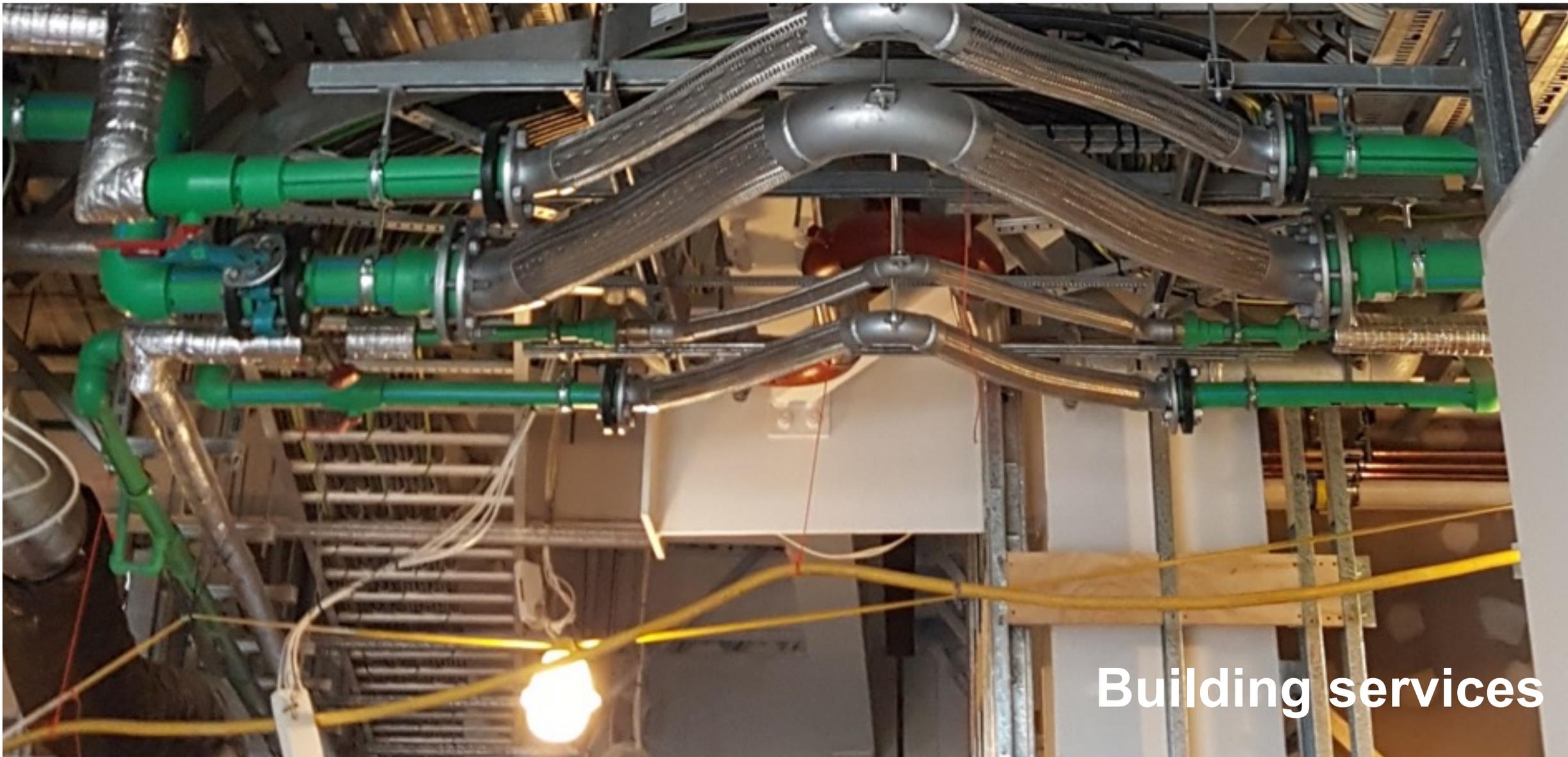
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Foundations and structures



Building services



West Coast
District Health Board
Te Peeri Hāora o Reko o Tai Poutini

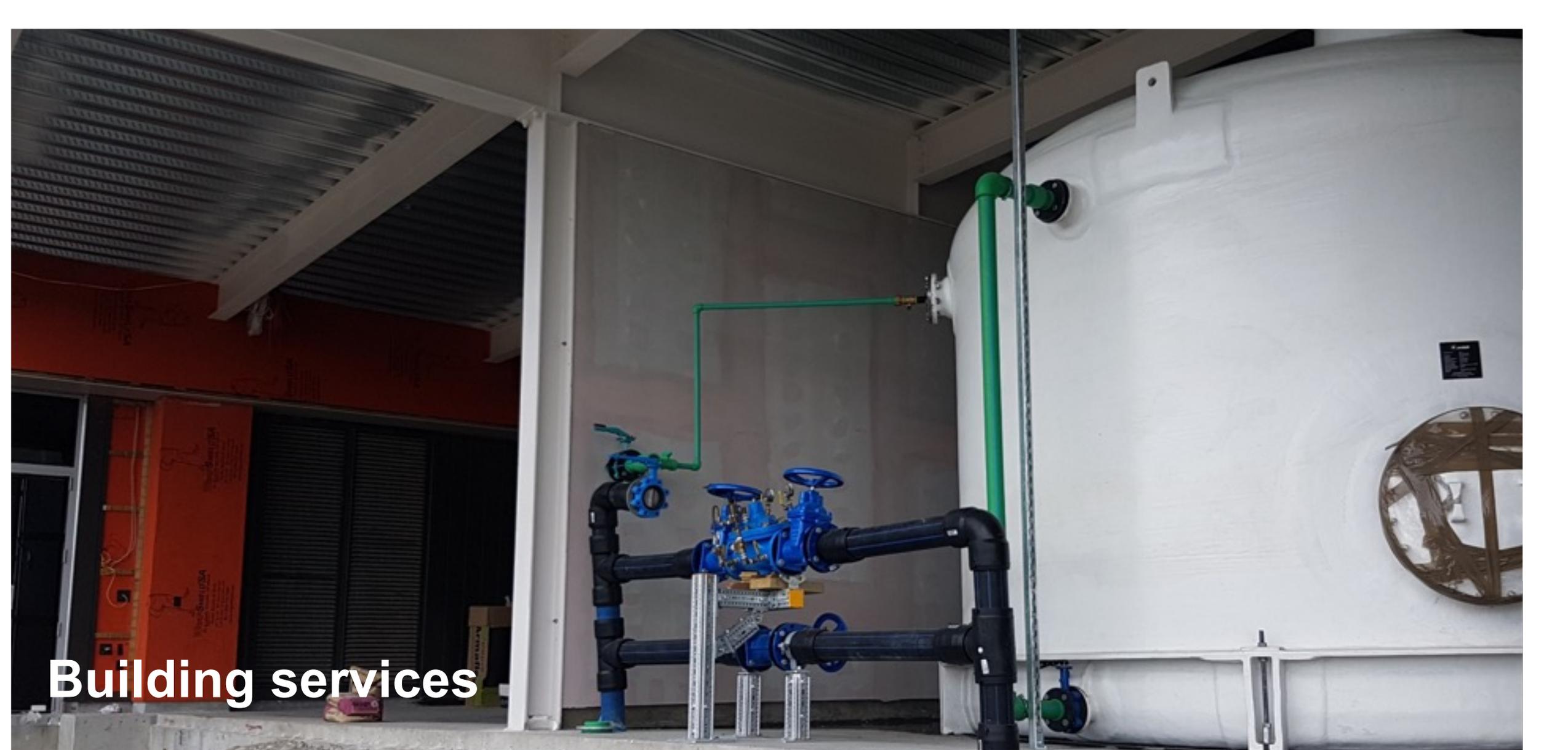
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Building services



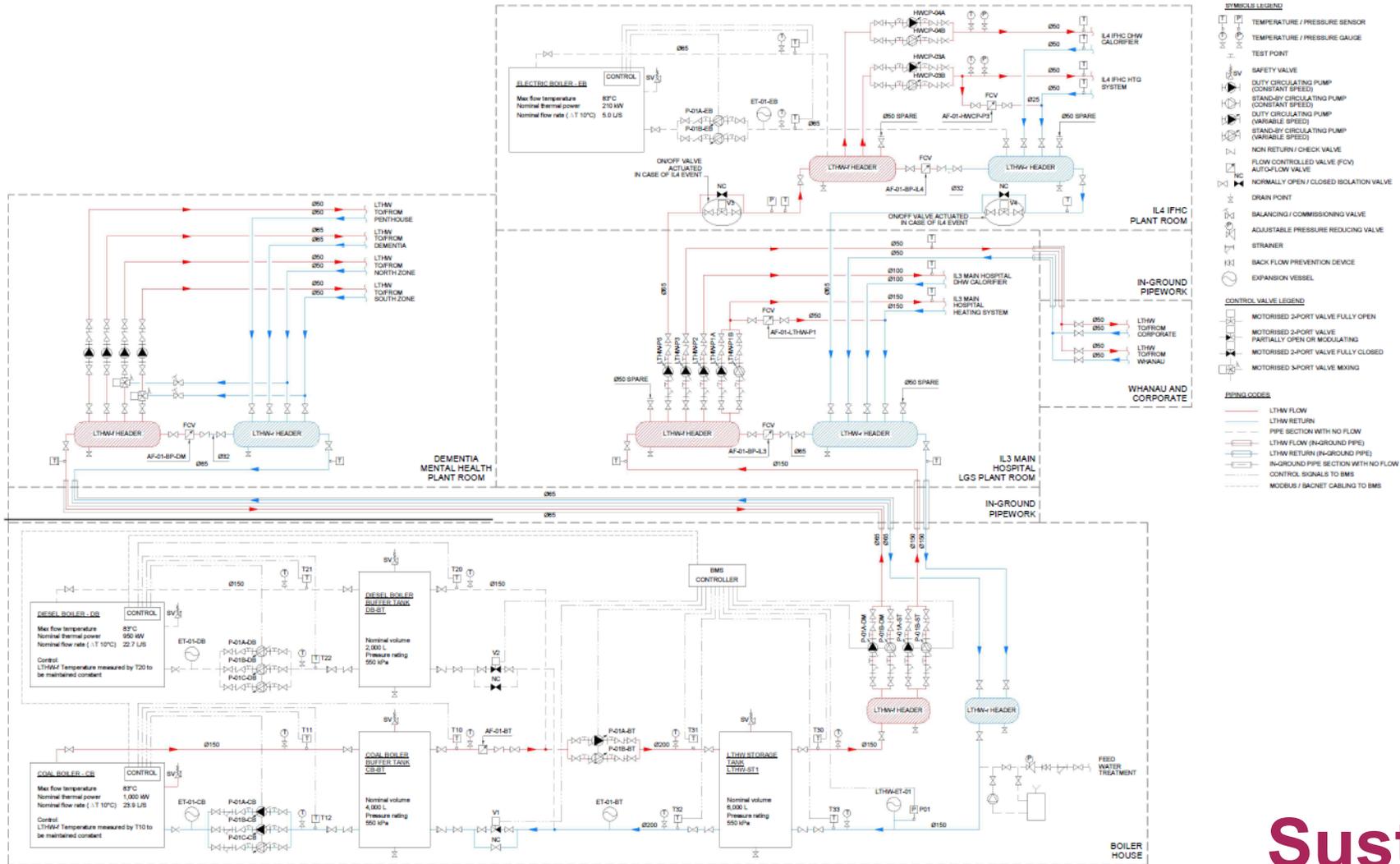
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Sustainability

- NATURAL VENTILATION & RADIATOR
- 600W OPENABLE WINDOW
- 1200W OPENABLE WINDOW

Kia Ora



West Coast
District Health Board
Te Peeri Hanera a Roke o Tai Poutini

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