



**Guerreiro, Edward** <Edward.Guerreiro@stantec.com>  
to Laura, MWH, me, Phil ▾

Wed, Jul 21, 2021, 9:24 AM ☆ ↶ ⋮

Hi Kirstyn,

Apologies for the delays.

Our comments remain largely unchanged from the original comments on the application. The cuts have been designed at a suitable batter angle by a suitably qualified engineer, though we have not visited the site or confirmed the suitability of these batters ourselves. The proposed fill batters are typical for embankment fill. GHD will need to certify all temporary works and the final constructed design to ensure there are no stability hazards as a result of the works.

The following comments are reiterated:

- Slopes may not be cut steeper than 1:1 (45°) or two metres high without specific engineering design and certification
- Slopes may not be filled steeper than 2h:1v (27°) or two metres high without specific engineering design and certification
- As-built records of the final extent and thickness of any un-engineered fill should be recorded
- Temporary stability may be a concern on this project, and remains the responsibility of the developer.
- All temporary slopes shall be inspected and signed off by a suitably qualified individual.

Regards,

**Edward Guerreiro**

BEng Civil  
Civil Engineer

Mobile: +64 21 866 028  
Email: [edward.guerreiro@stantec.com](mailto:edward.guerreiro@stantec.com)

Stantec New Zealand  
134a Gorge Road,  
Queenstown 9300, New Zealand

PO Box 13052,  
Christchurch 8141, New Zealand



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