

FV 5096 SKREDSIKRING STRONGASVA, EIDFJORD EIDFJORD, VESTLAND, NORWAY

Dynamic Barriers

Problem

The road FV 103 is an important road for Statkraft AS and tourists.

It runs through a very mountainous area with very high slopes.

In winter, the only access road is in danger from icefall, and in summer rockfall events are a frequent problem.

Solution

Maccaferri provided a dynamic barrier with 3000 kJ of energy absorption capacity and 5m height. The line of installation was chosen directly above the road (in order to reduce transport costs) but moved a bit uphill to guarantee a free braking distance for the deformation of the system during an impact.

The installation was done in 2 lines with a total length of 420m.

- NEW RB 3000 WGC - without foundations!
- 5 share posts with intermediate anchoring

Client: WIMO

Designer / Consultant: Geolog from the area

Contractor: Vestland fylkeskommune

Products used (Qty.)

- Rockfall - Barrier components 420 m of RB
- 3000 WGC barrier

Date of construction: 08/2021 - 10/2021



Drilling work



During installation



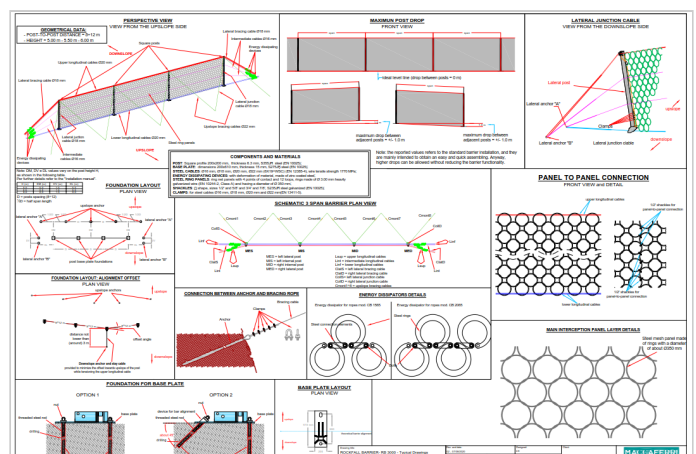
Installation completed



Installation completed



Share post / intermediate anchoring

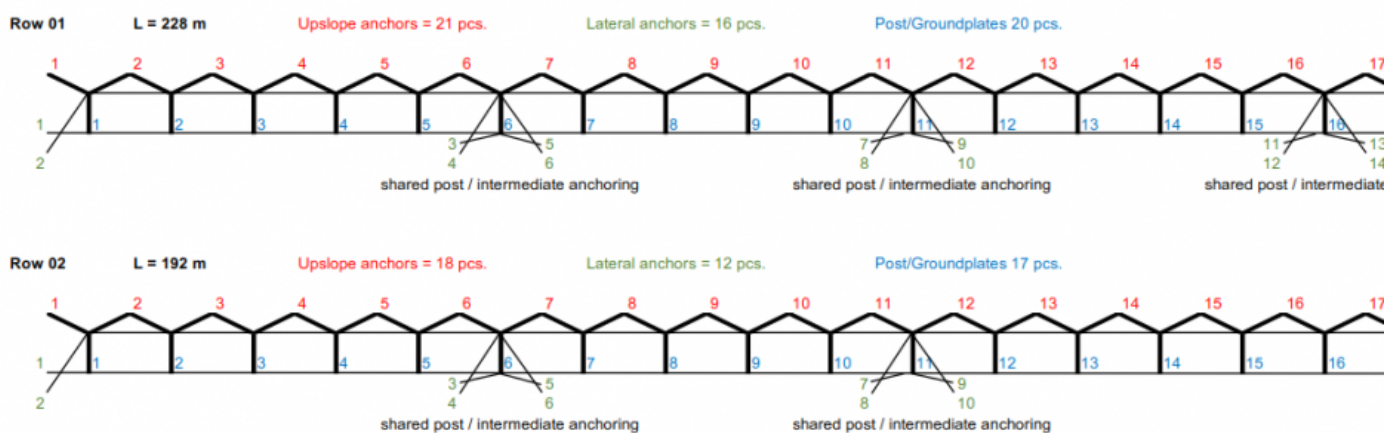


System details



WIMO // Project: Eidfjord

Distance between post to post = 12 m



Schematic top view

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Autostrada DR-TR; KM 6, SH2, Xhafzotaj, Durrës, Albania

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