

**SAAS BALEN**  
**SAAS BALEN, VALAIS, SWITZERLAND****Rockfall Embankments****Problem**

The residents of Saas-Balen are familiar with the natural hazard situation on site: Rockfall in summer and snow avalanches in the winter time. The village has been threatened by rockfall for years. The engineers and the community decided to build a rockfall embankment.

**Solution**

Maccaferri proposed using the greenable, environmentally friendly, modular Green Terramesh earth reinforcement system. Green Terramesh consists of pre-assembled units of double-twisted wire mesh, a geosynthetic or biodegradable erosion protection mat and a welded steel mesh. The new 380 m long and 8 m high rockfall embankment will not only protect the residents and their houses, but also the beautiful round church and a busy hiking trail.

**Client:** Interalp Bau AG, Visp

**Designer / Consultant:** Forsting Plus AG, Brig

**Contractor:** Commune Saas Balen

**Products used (Qty.)**

- Terramesh 1500 sqm

**Date of construction:** 06/2018 - 10/2018



During the installation



During the installation

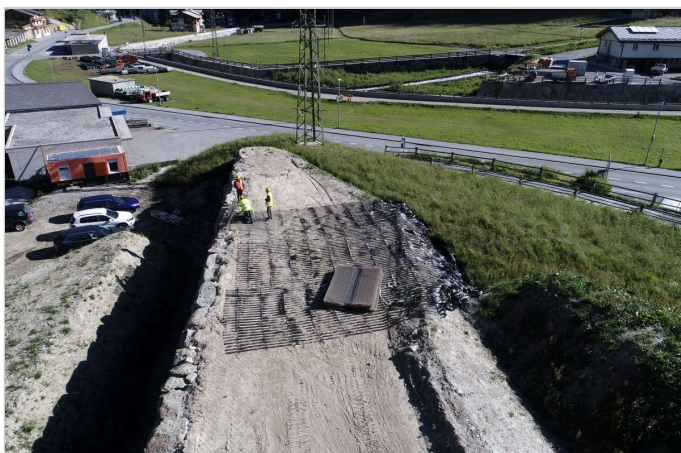




Side view



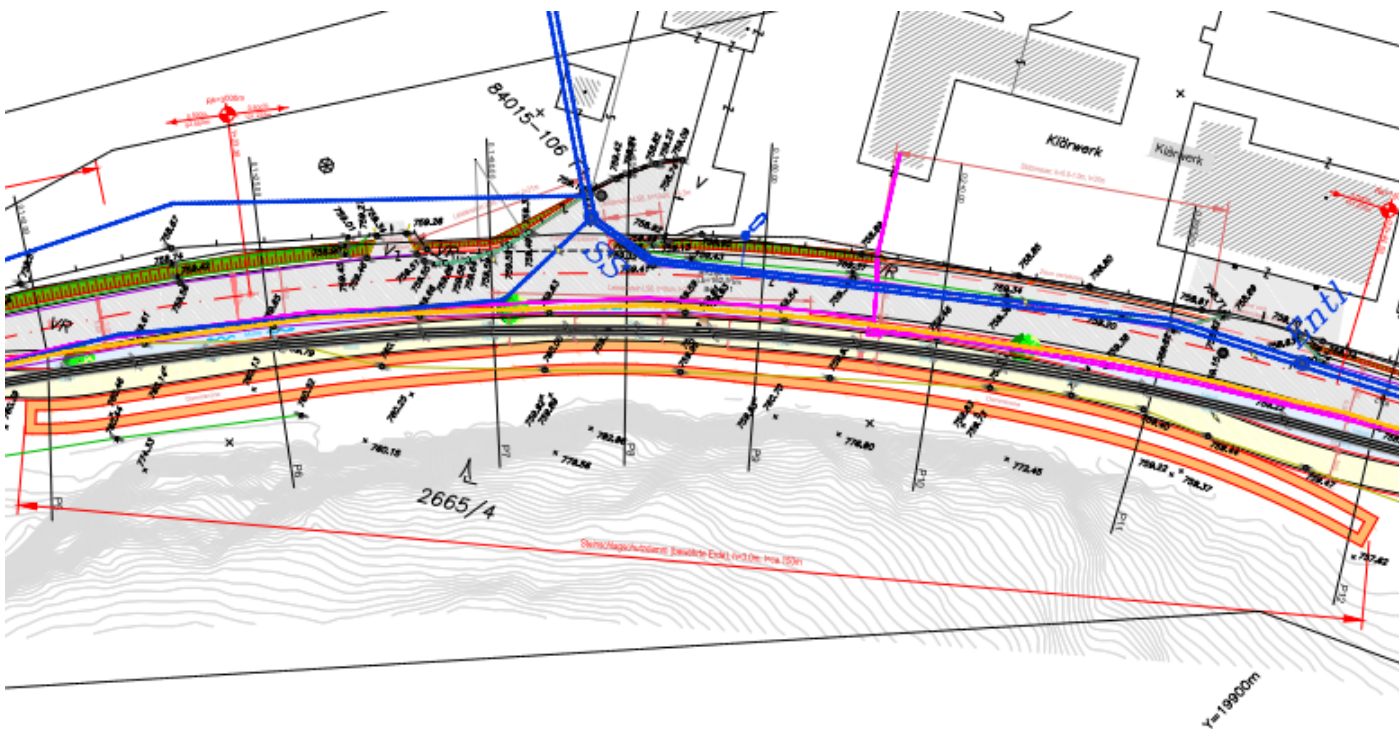
Top view



Top view



Drone view



Plan view

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