

Risk for landslide combined with erosion along water course in well visited park environment.

Soil bioengineering combined with gabion mattresses solved the problem.

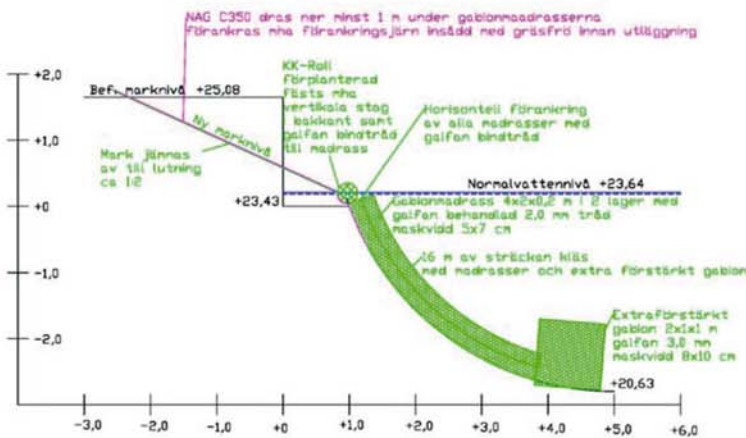
Underwater slope was covered with gabion mattresses to create gravity to protect landslide. Preplanted coir rolls were placed out in normal water level. New inclination of slope covered with soil reinforce mat was created and seeded. The environmental consequence instructions pointed out important measurements for the local habitat to consider during the installation.



Before, problem



Installation



Installation drawing



Pre-planted coir rolls



One week after installation