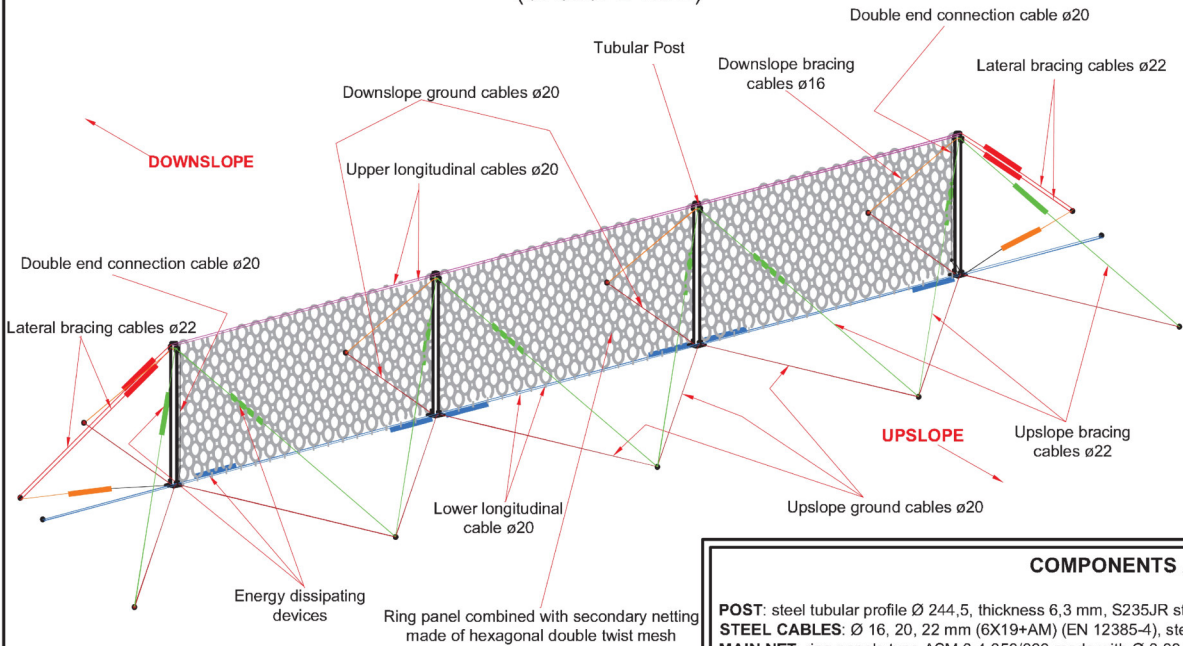
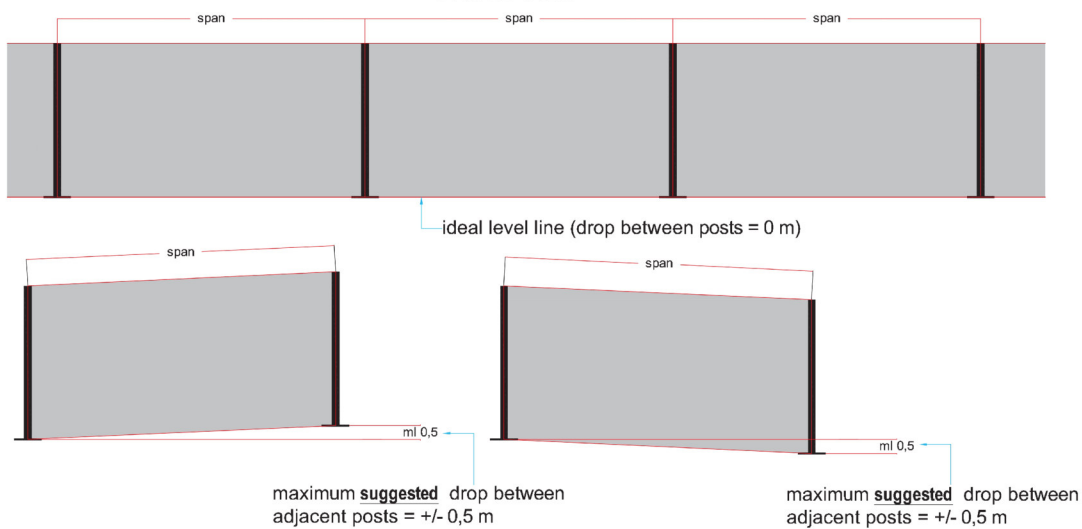


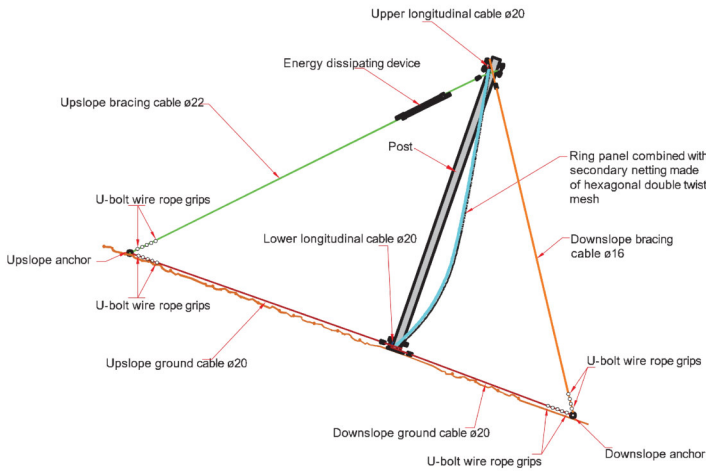
PERSPECTIVE VIEW
- (UPSLOPE VIEW) -



SCHEME OF MAXIMUM POST DROP
FRONT VIEW



SIDE VIEW OF THE ROCKFALL BARRIER

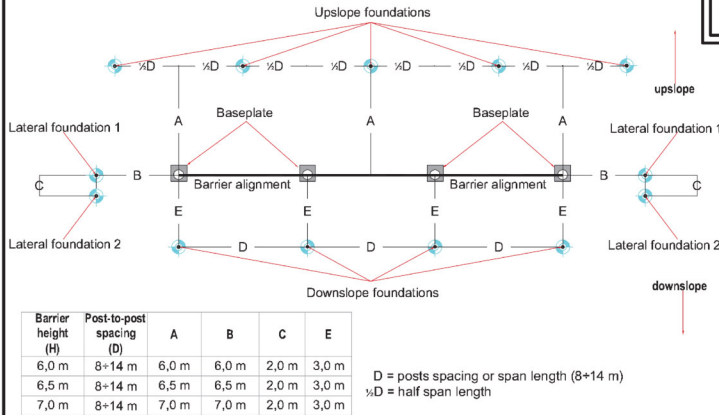


COMPONENTS AND MATERIALS

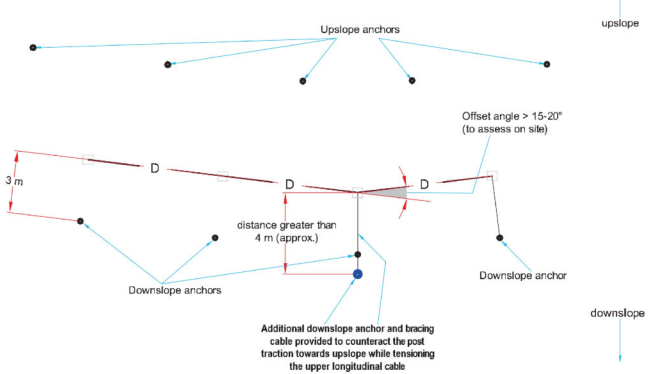
POST: steel tubular profile Ø 244,5, thickness 6,3 mm, S235JR steel (EN 10025);
STEEL CABLES: Ø 16, 20, 22 mm (6X19+AM) (EN 12385-4), steel wire strength 1770 Mpa;
MAIN NET: ring panels type ASM 3-4-350/300 made with Ø 3,00 mm steel wire (steel grade ≥ 1380 MPa), zinc coated (EN 10244-2, Classe A);
SECONDARY NET: hexagonal double twisted wire mesh type 8x10, Ø 2.20 mm wire (EN 10223-3), zinc coated (EN 10244-2, Class A);
SHACKLES: Dee-type ("U" shape) M20, zinc coated steel S235JR (EN 10025) and high strength Bow-shackles size 7/8" (EN 13889);
U-BOLT WIRE ROPE GRIPS: for steel cables Ø 16 mm and Ø 18 mm (EN 13411-5).

Note: the reported values refer to the standard barrier installation, and they are mainly intended to obtain an easy and quick assembling. Anyway, higher drops can be allowed without reducing the barrier functionality.

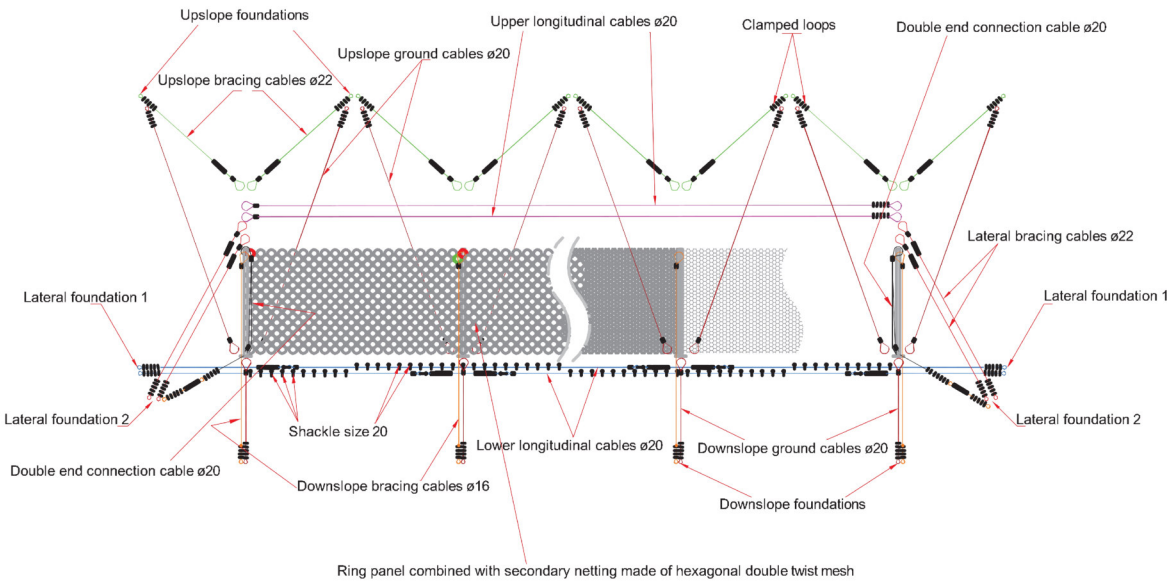
FOUNDATIONS LAYOUT
PLAN VIEW



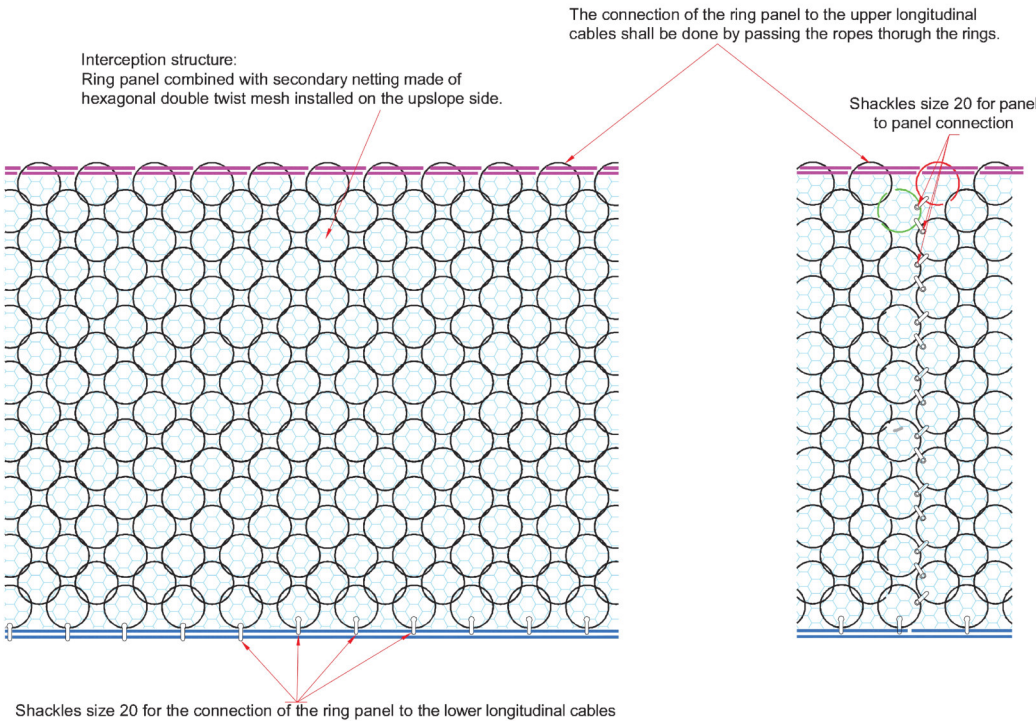
FOUNDATION LAYOUT: ALIGNMENT OFFSET
PLAN VIEW



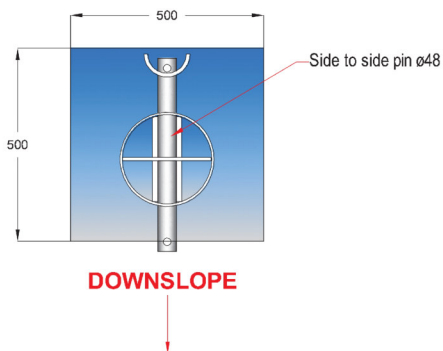
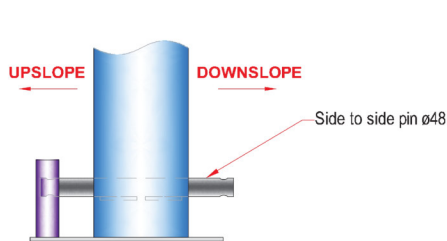
COMPONENTS SCHEME
- (DOWNSLOPE FRONT VIEW) -



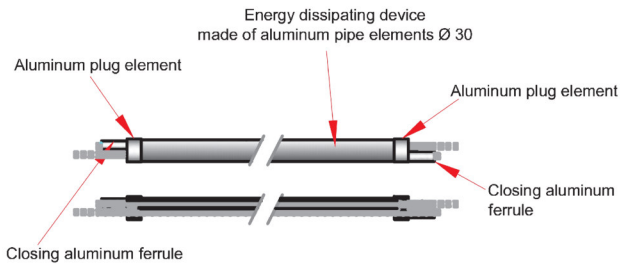
CONNECTION OF THE RING PANEL TO LONGITUDINAL ROPES AND BETWEEN ADJACENT PANELS
FRONT VIEW



FOUNDATIONS LAYOUT FOR BASEPLATE
UPSLOPE SIDE VIEW AND PLAN VIEW




ENERGY DISSIPATING DEVICE



Drawing title:
ROCKFALL BARRIER - EPFM 5000 - Typical Drawing

Officine Maccaferri S.p.A. assumes no responsibility for drawings and calculations provided, as they must be intended as a general indication to suggest the proper use of its product.
In any case no responsibility for improper use of the drawings and calculation in the design will be attributed to the manufacturer or its distributors.

Souřadnicový systém: S-JTSK

 Polní 4795 430 01 Chomutov IČO: 25435396 www.strixinzenyring.cz	ZPRACOVAL:	Ing. Barbora Čechová Vančurová	
	ZODP. PROJEKTANT:	Ing. Barbora Čechová Vančurová Autorizovaný inženýr pro geotechniku pod č. 1202392	
OBJEDNATEL: Krajská správa a údržba silnic Karlovarského kraje, příspěvková organizace Sokolov, Chebská 282, PSČ 356 01	Č. ZAKÁZKY	-	
	DATUM	VII/2023	
NÁZEV: III/221 25 STATICKÉ ZAJIŠTĚNÍ SVAHU U SILNICE VELICHOV – VOJKOVICE	MĚŘÍTKO	-	
	FORMÁT	2 x A4	
	POČET PARÉ	-	
	STUPEŇ	DUSP/PDPS	
ČÁST: DETAIL - dynamická bariéra RB 5000	ARCHIVNÍ Č.	-	
	Č. PŘÍLOHY	D.1.2.13	