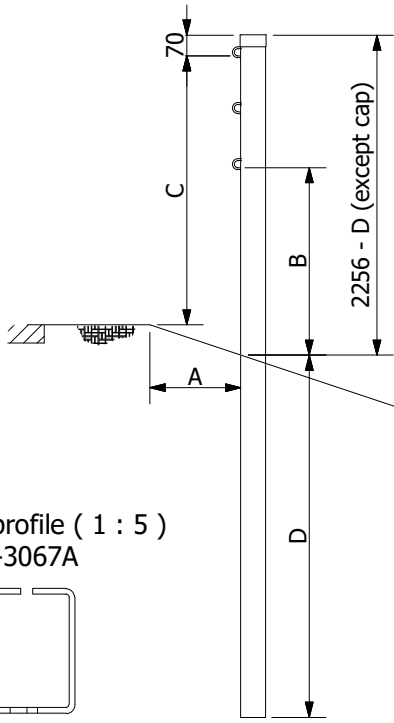
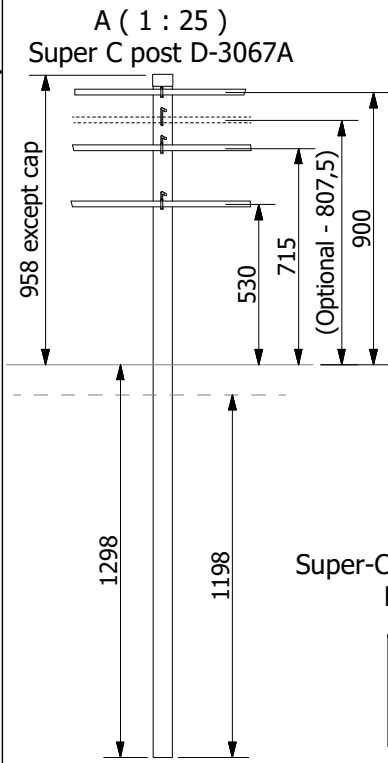
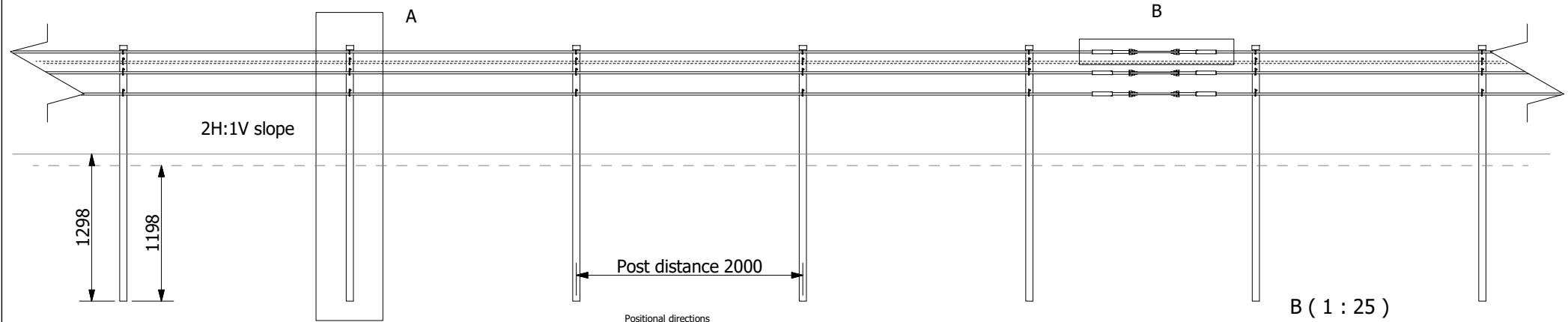


Each end is typically terminated in NCHRP 350 approved SAFENCE 12 m TL3 end terminal in accordance with SRB-3102 and R_113 or if an approved end terminal is not required a simple 8 m drop down terminal into ground anchor is available in accordance with SRB-3104.



Front view of full height 3RSC-16 (1 : 50)
(Optional fourth cable - 4RSC-16 - if required)



Positional directions

"A" = Distance from slope crest to post.
"B" = Distance from ground level to bottom wire rope.
"C" = Distance from road paving to top wire rope.
"D" = Post depth below ground level.
"E" = Slope gradient.

Standard position
"A" = 300 mm.
"B" = 620 mm.
"C" = 890 mm.
"D" = 1198 mm.
"E" = 3H : 1V.

Custom position
SAFENCE 3,4RSC-16 wire rope system are to be mounted with "B" ≤ 620 mm & "C" ~ 890 mm, this imply installation according to directions below.

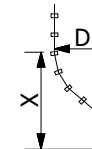
Slope gradient, "E"	"A" [mm]
6H : 1V or flatter	0 - unlimited
4H : 1V	0 - 400
3H : 1V	0 - 300
2H : 1V	0 - 200
1H : 1V	0 - 100

Distance "B" is not more than 620 mm but is conditioned by "A" of choice (according to table). Small "A" gives small "B" and "D" > 1198 mm to meet "C" ~ 890 mm.

Lateral movement

Lateral movement to bypass obstacles (bridge piers etc.) are to be conducted gradually to prevent wire rope fence posts from being exposed to very high transverse forces.

Lateral movement, D [m]:	0,5	1,0	1,5	2,0
Transition distance, X [m]:	40	50	60	70



B (1 : 25)
Rigging screw assembly

Rigging screws are to be mounted at every ~300 linear meters and at ~150 linear meters from anchorage point.

Tensioning table					
T [°C]	T [F]	[lbf]	[kp]	[kN]	[bar]
-20	-4	8 400	3 800	37,3	420
-10	14	7 750	3 500	34,3	390
0	32	7 050	3 200	31,4	350
10	50	6 400	2 900	28,4	320
20	68	5 750	2 600	25,5	290
30	86	5 050	2 300	22,5	250
40	104	4 400	2 000	19,6	220

Mounting in horizontal curves:
Mounting is not recommended in horizontal curves with a radius < 400 m. If needed please contact Blue Systems AB.

Mounting in vertical curves:
Mounting should not be executed in depressions with a radius < 1 200 m.

For any further enquiries regarding installation or working features of SAFENCE Wire Rope Safety Fence please contact Blue Systems AB.

Drawn RF	Date 2017-03-07	Acceptance standard MASH	Units mm	Sheet size A4
BLUE SYSTEMS		Name SAFENCE 3RSC-16 and 4RSC-16		
Fiskebäcks Hamn 16 S-426 58 Västra Frölunda Sweden		Tel: +46 31-29 72 16 Fax: +46 31-29 30 65 E-mail: info@bluesystems.se		Drawing no. SRB-3008
				Rev

This drawing is the property of BLUE SYSTEMS AB.
The content must not be copied or made available to any third party without our written permission.