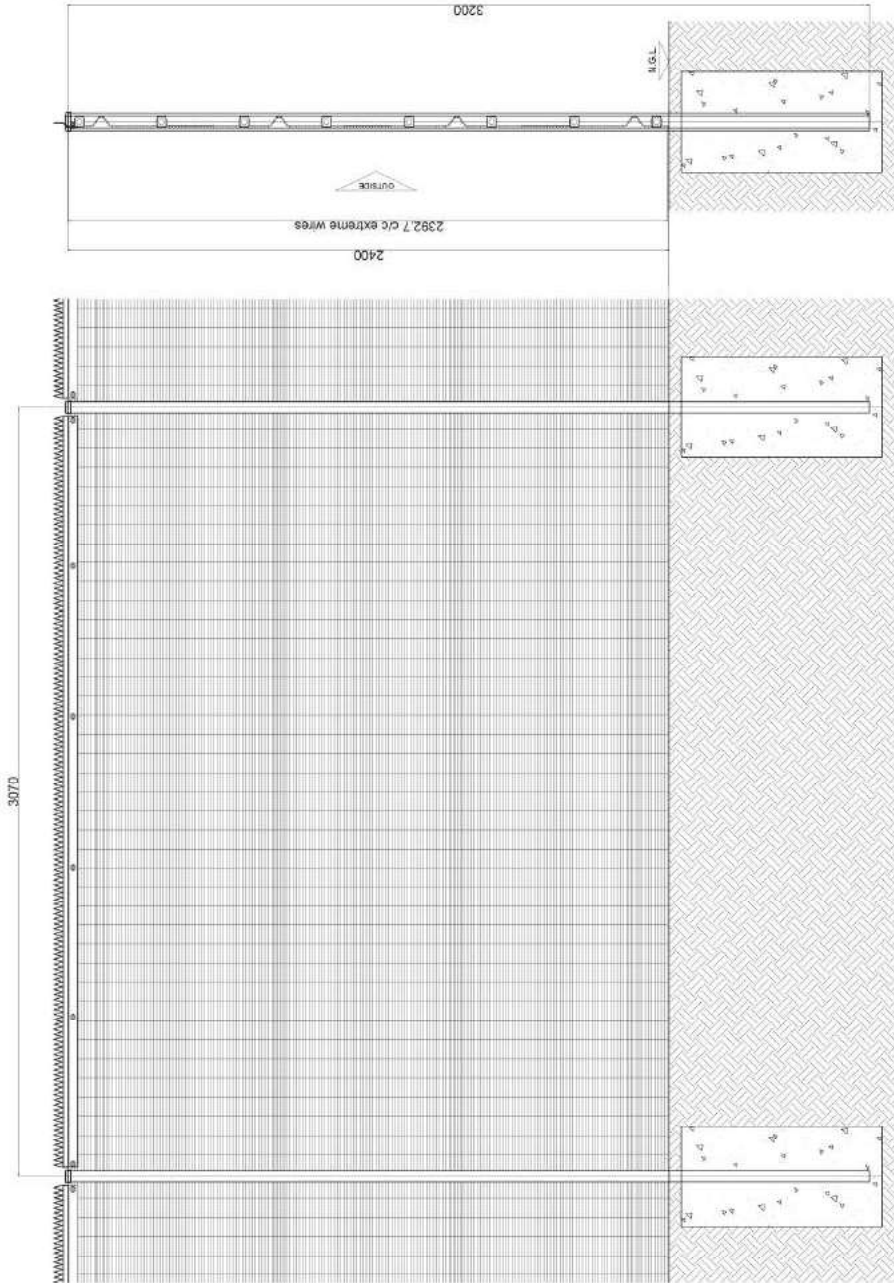


# 10-YEAR GUARANTEE

# BETAVIEW®

ARCHITECTURAL TOOLS SUCH AS REVIT FAMILIES ARE AVAILABLE ON REQUEST



ELEVATION FROM OUTSIDE

SECTION THRO

Material Schedule per unit Intermediate Post

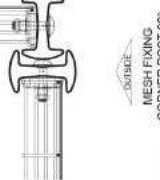
Qty	Component	Description	Length
1	Post	Bekafix Secure	3200
1	Cap	Polyamide cap	
15	Fixing Clamp	Mini Spider	
8	Cup-square bolt	M8 mushroom head	50
8	Nut	M8 Shear-off	
8	Washer	M8 Flat	

Material Schedule per unit Panel

Qty	Component	Description	Length
1	Mesh	3510 4V x 2392	3048
1	Combo rail/spike	240 x 20 x 40 x 2.5	2968
6	Cup-square bolt	M8 mushroom head	40
6	Nut	M8 Shear-off	
6	Washer	M8 Fender	

Material Schedule per unit Corner Post

Qty	Component	Description	Length
2	Post	Bekafix Secure	3200
2	Cap	Polyamide cap	
16	Fixing Clamp	Mini Spider	
16	Cup-square bolt	M8 mushroom head	40
16	Nut	M8 Shear-off	
16	Washer	M8 Flat	



## SPECIFICATIONS

- Posts:**
- Bekafix Secure 70 x 44 x 2.0mm x 3200mm long. (1 Profile)
  - Set posts vertically into ground at 3070mm centres.
  - Longer posts will be required where fence steps > 200mm.

## Foundations:

- Cast 400 x 400 x 800 deep 15MPa/19 stone at each post.
- Ground conditions may require additional concrete.

## Lateral Support:

- Panels are laterally strengthened with vee shaped horizontal stiffener bends ref. mesh specification.

## Heavy Security Mesh Panels

- Mesh panels shall be ref. 3510 4V, fabricated from high tensile steel with a weld strength of 60% and a tensile strength of 500N/mm<sup>2</sup>.
- Horizontal and vertical wires shall have a core diameter of 3.00mm with a tolerance of + 0.07mm.
- Apertures shall be 76.2mm W x 12.7mm H c/c of wires.
- Panels are laterally strengthened by incorporation of 4 x 43mm deep, V-profiled horizontal stiffener bends.
- Panel finish size tolerance s: width +2.0mm and height +6mm
- Mesh panels are manufactured with Zincalu wire (Galvan).

## Vandal Resistant Fixing:

- To Posts: Mini spider fixators bolted through the post using M8 anti-vandal cupsquare bolts, shear-off nuts & flat washers.
- Top spike rail: Bolted using M8 anti-vandal cupsquare bolts, shear-off nuts & Fender washers.
- All fasteners and fixing screws shall be Grade 304 Stainless Steel.

## Anti Climb Over Prevention:

- At the top, a purpose bent Z-profile combo sawtooth serrated edge spirerail 40 x 20 x 40 x 2.5mm thick fabricated from 100mm wide shear metal strip shall cap over the mesh panel and be fixed to the mesh to deter climbing.

## Corrosion Protection:

- Initial Coating:**
- Mesh Panels: Zincalu.
  - Posts/Structure/Rails/Spikes: HD Galvanised.

## Additional Coating:

- Fence Mesh Panels, Posts, Structure & Spike rails shall be uniformly PVC coated, which is free of lead, cadmium and D OP, to a minimum thickness of 200um (microns) in accordance to EN 10245-2 Steel wire and wire products - Organic coatings on steel wire - Part 2. PVC finished wire
- Finish colours shall be either RAL 7021 Anthracite or RAL 6005 Green.

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## REVISIONS

Rev.	Date	Description	Drawn	Checked	Status
0	Aug 2016	ISSUED FOR CONSTRUCTION	DJ		

BETAVIEW 3510 4V x 2400 HIGH FENCE ON BEKAFIX SECURE 70 x 44 POSTS - STANDARD

proj no	rev no	created	cont.	width	height	product	scale	post	file with	conting
BF-146	0	JEN	GEN	3070	2400	3510	4V	B70	MS	ST