Chapter 8

Technical resolution
TENSILE FABRIC ROOF

Section E-E Scale 1:50

Steel rods bolted into steel structural frame

Roof plan
Scale 1:36

Rigging plans / sections
Scale 1:5
150 x 75 x 20 x 2mm mild steel lipped channel bolted to steel tie beams on perimeter of kiosk frame.

16mm Saligna timber ceiling slats screw fixed to steel lipped channels, satin varnish finish, 15mm offset between slats.

22mm shadow gap to perimeter of ceiling.

94 x 16mm Saligna timber ceiling slats screw fixed to steel lipped channels, satin varnish finish, 15mm offset between slats.

150 x 75 x 20 x 2mm mild steel lipped channel bolted to steel tie beams on perimeter of kiosk frame for mounting of ceiling slats, light fittings and concealing cabling to lights.

22mm shadow gap to perimeter of ceiling.

Trebant 230V adjustable, surface mounted light with 50W GU10 halogen lamp, fitted flush with ceiling surface. Two timber ceiling slats to either side of light fittings remain removable for maintenance.