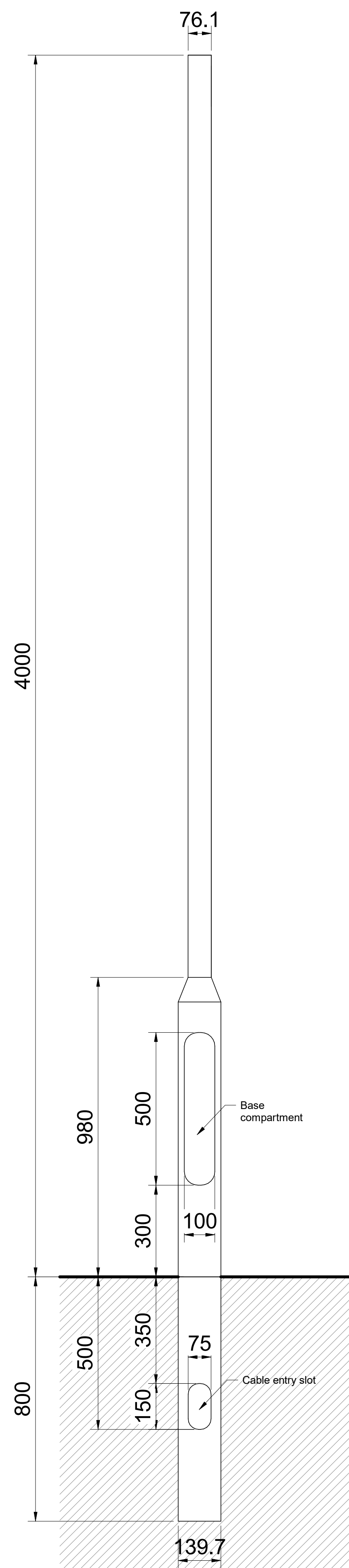
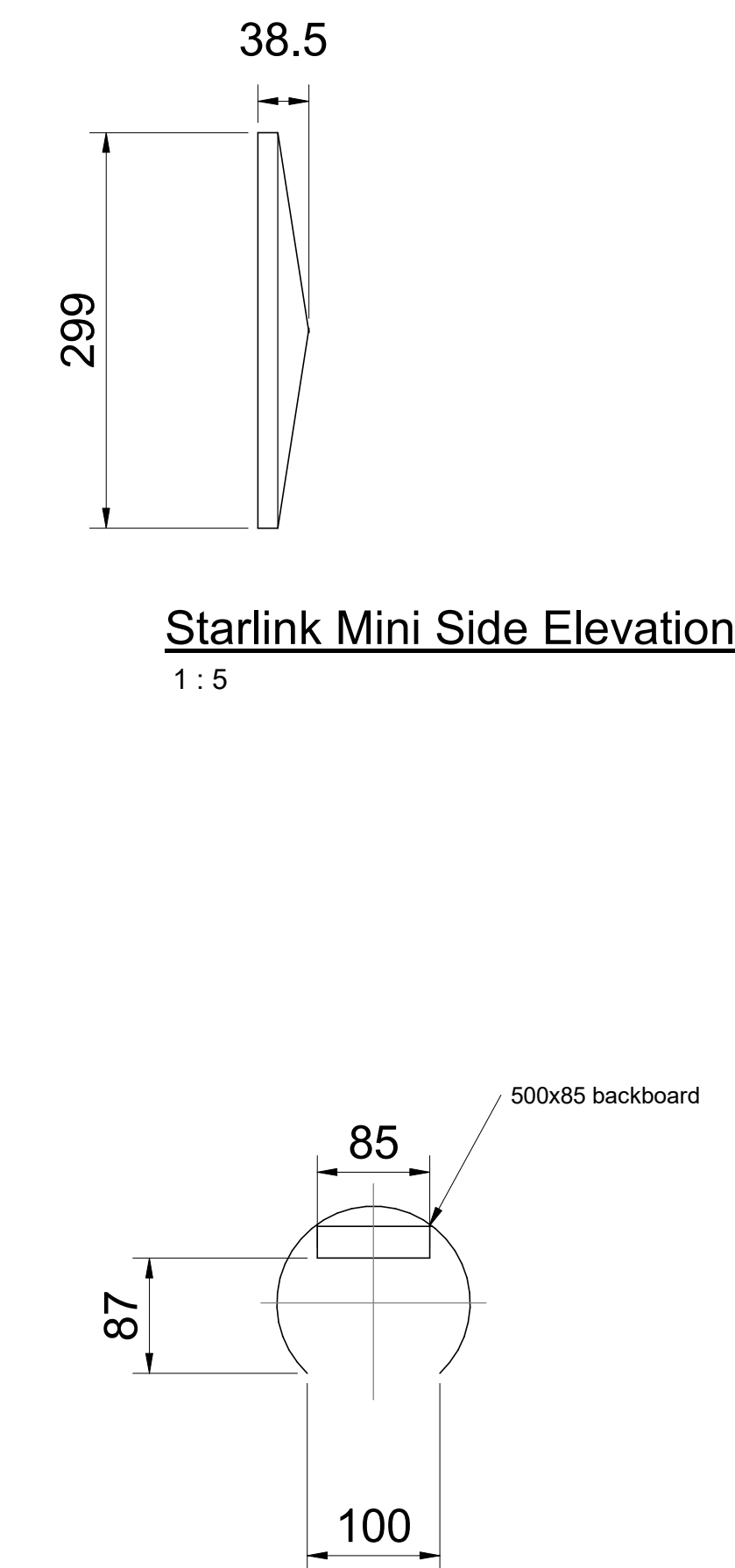
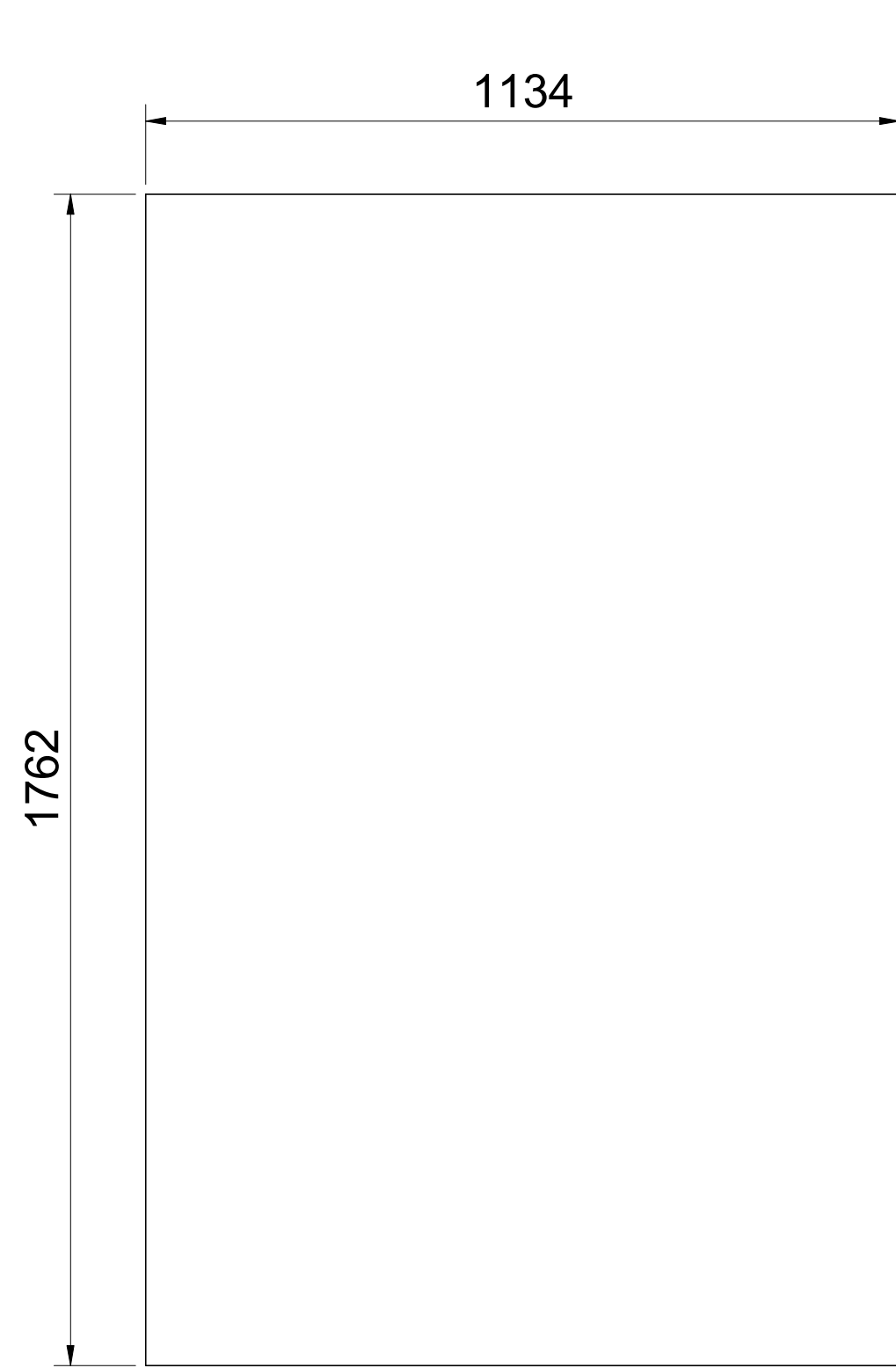




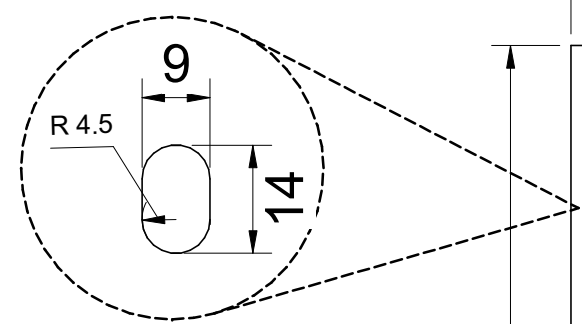
Column Front Elevation
1 : 10



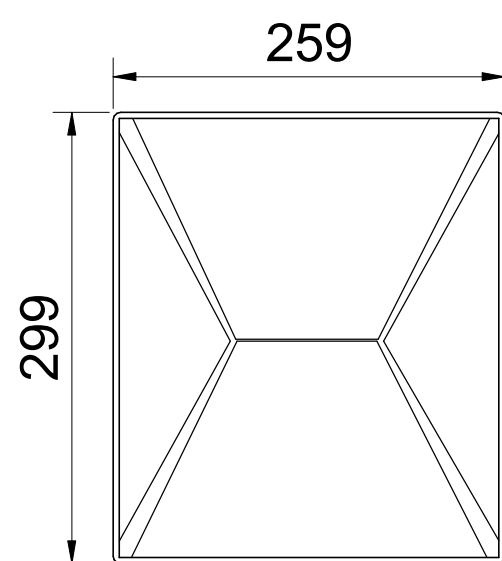
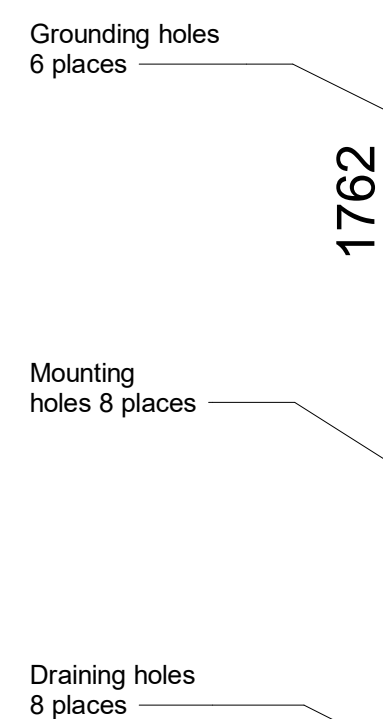
Base Compartment Section



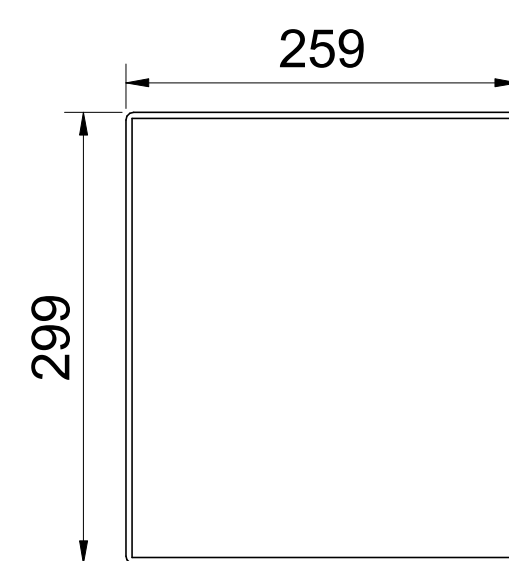
Solar Panel Front Elevation



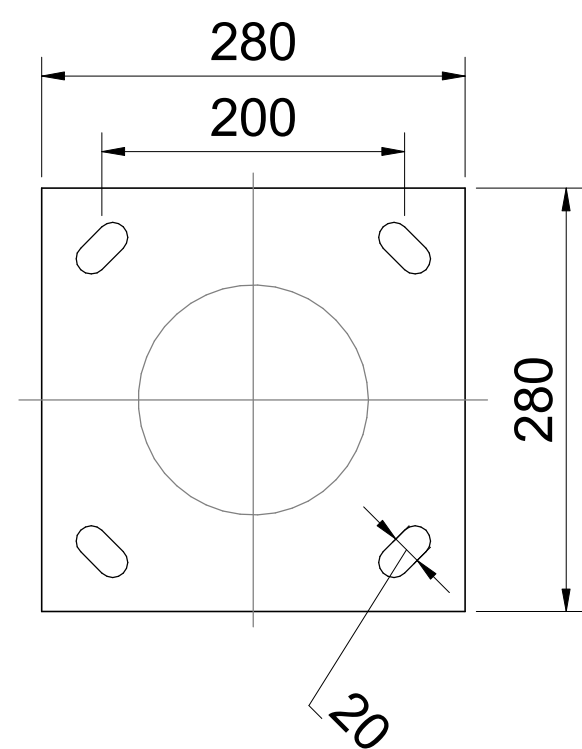
Mounting Points



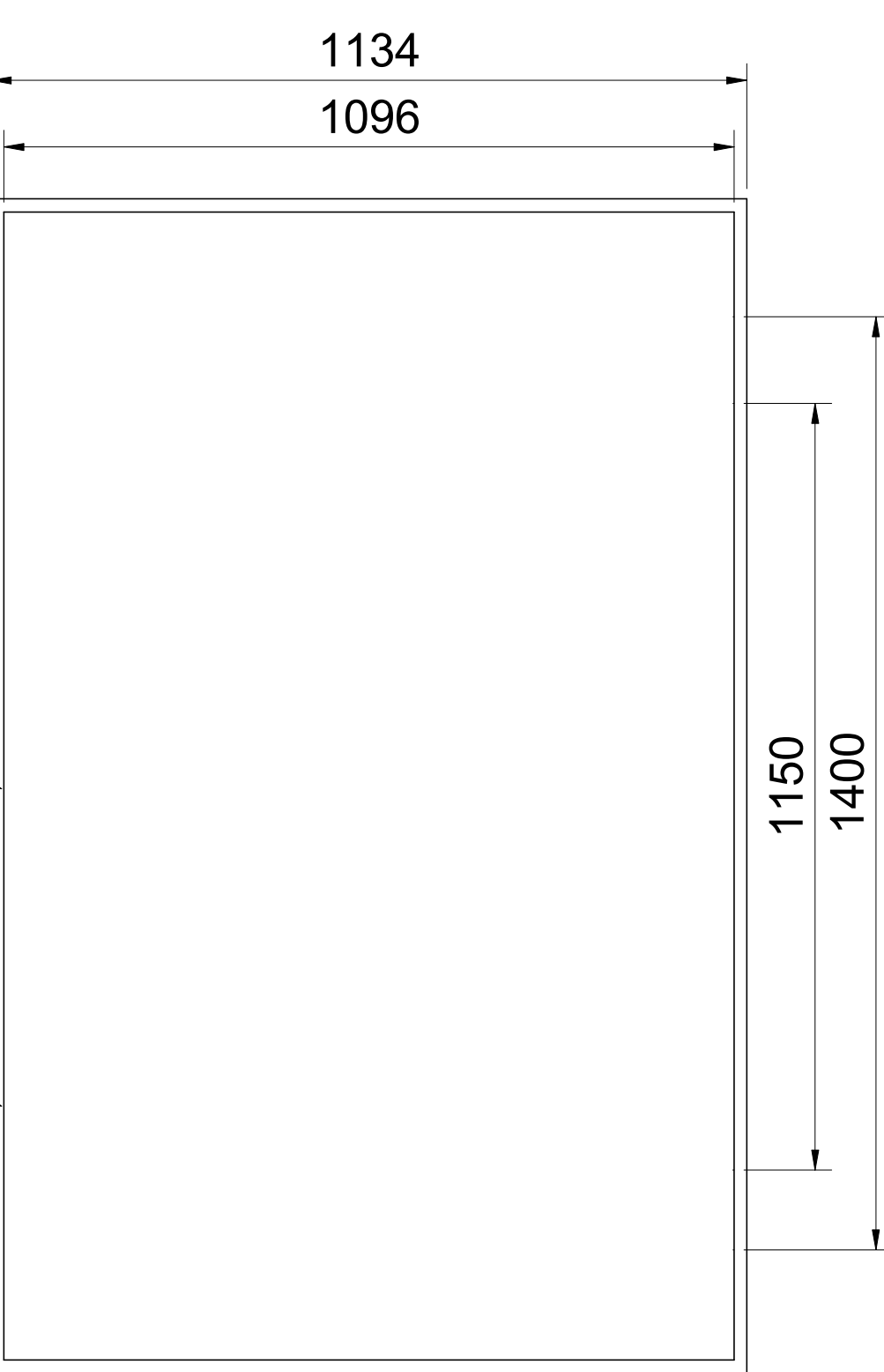
Starlink Mini Back Elevation



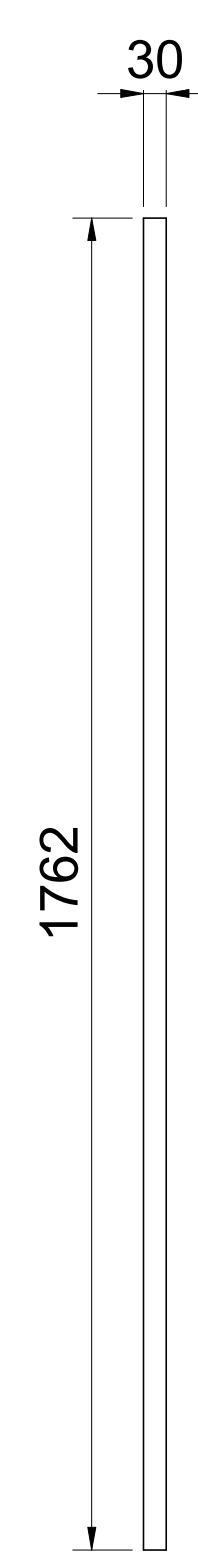
Starlink Mini Front Elevation



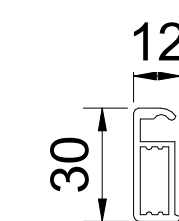
Flange Plate Option



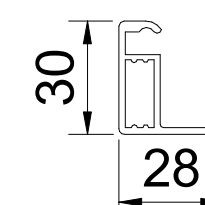
Solar Panel Back Elevation



Solar Panel Side Elevation
1 : 10



Solar Panel Short Frame Section



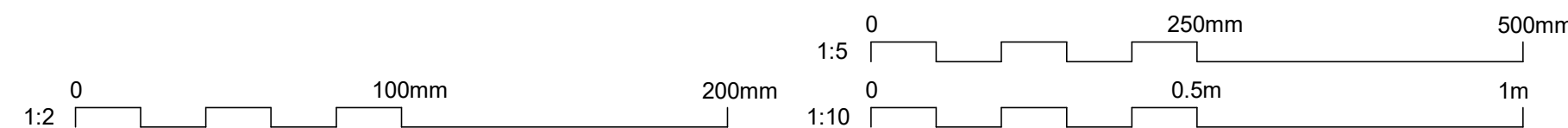
Solar Panel Long Frame Section
1:2

Equipment Information From Manufacturer

Solar Panel Frame
Galvanised steel

Colour
Colour: Black
All plates to BS EN 10025
All plates cold formed circular hollow sections to BS EN 10119
All welding to BS EN 1011
Finish : hot dip galvanised to BS EN ISO 1461
Part no.: FR2505T01 - Rooted
FF2505T01 - Flangeplated

Mini Starlink
Antenna: Electronic phase array
Field of view: 110°
Orientation: Software assisted manual orienting
Environmental rating: IP67 Type 4 with DC power cable and Starlink Plug/cable installed
Weight: 1.10kg
1.16kg with kickstand
1.53kg with kickstand and 15m cable
Operating temperature: -30°C to 50°C
Wind speed: Operational: 96kph+ (60mph+)
Snow melt capacity: Up to 25mm/ hour
Power consumption: average 25-40 W
USB PD requirement: 100W, 20V/5A minimum (with starlink USB-C to barrel jack cable accessory)
Colour: white/grey (cannot be painted)



Notes	1. All dimensions are in millimetres unless otherwise stated. 2. Equipment details and dimensions are based on information supplied to Mott MacDonald from manufacturer's suppliers or the client. 3. Any drawing errors or discrepancies should be brought to the attention of Mott MacDonald. 4. The designs shown are subject to detailed site investigations, the CDM Regulations and review of Statutory Undertakers available information, etc. 5. This drawing is to be read in conjunction with all other submitted documents and drawings. 6. No unauthorised use, disclosure, storage or copying.
-------	---

Key to Symbols	
	Ground level
	Below ground level
	Dimensions provided by manufacturer

Reference Drawings
For the location of proposed equipment and site-specific details, please refer to the Proposed Equipment Key included on the Proposed Site Plan drawings.

P01	20.01.2026	JLT	Preliminary Issue	CW	CW
Rev	Date	Drawn	Description	Chk'd	App'd
Status Stamp					

M
M
MOTT
MACDONALD

St Vincent Plaza
319 St Vincent St
Glasgow, G2 5LP
United Kingdom

T +44 (0)141 222 4500
F +44 (0)141 221 2048
W www.mottmac.com

Client
The National Trust
Heelis
Kemble Drive
Swindon
SN2 2NA

Title National Trust Car Park Infrastructure Proposed Equipment Detail Column with Starlink Mini and Solar Panel						
Designed	J. L. Taylor	JLT	Eng. Check			
Drawn	J. L. Taylor	JLT	Coordination			
Dwg. Check	L. Amable	LA	Approved	C. Way		CW
MMD Project Number	Scale at A1			Seq. Number	Security	
100124714	As Indicated				STD	
Suitability Description					Suit. Code	
Suitable for Review and Comment					S3	
Drawing Number					Rev	
100124714-MMD-00-XX-DR-A-2025					P01	

This document is issued for the party which commissioned it and for specific purposes connected with the captioned project only. It should not be relied upon by any other party or used for any other purpose. We accept no responsibility for the consequences of this document being relied upon by any other party, or being used for any other purpose, or containing any error or omission which is due to an error or omission in data supplied to us by other parties.