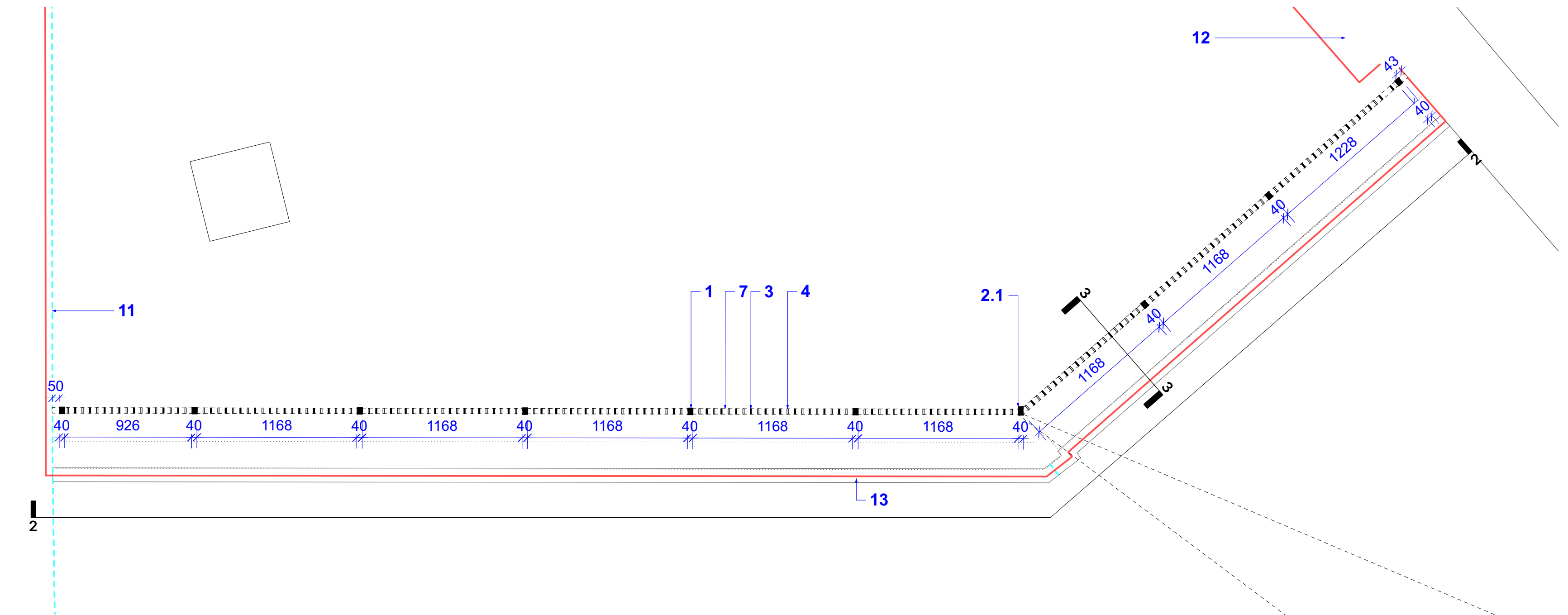


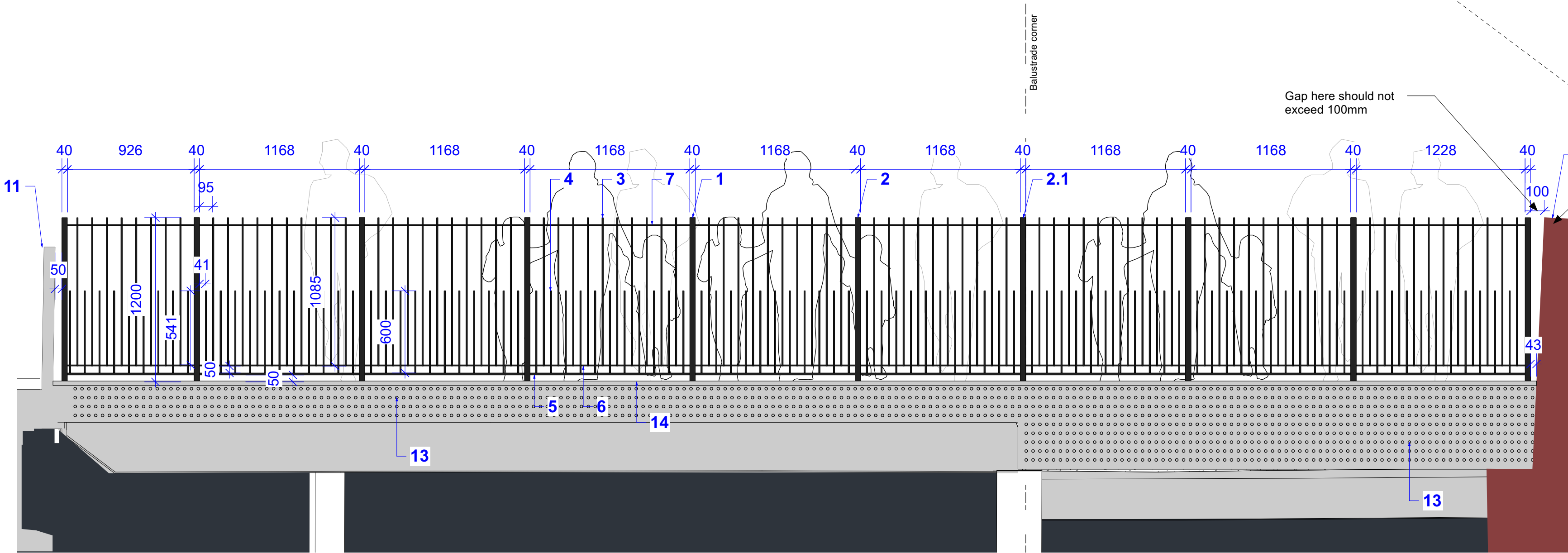
DESIGN INTENT ONLY

Foundations to engineers specification.

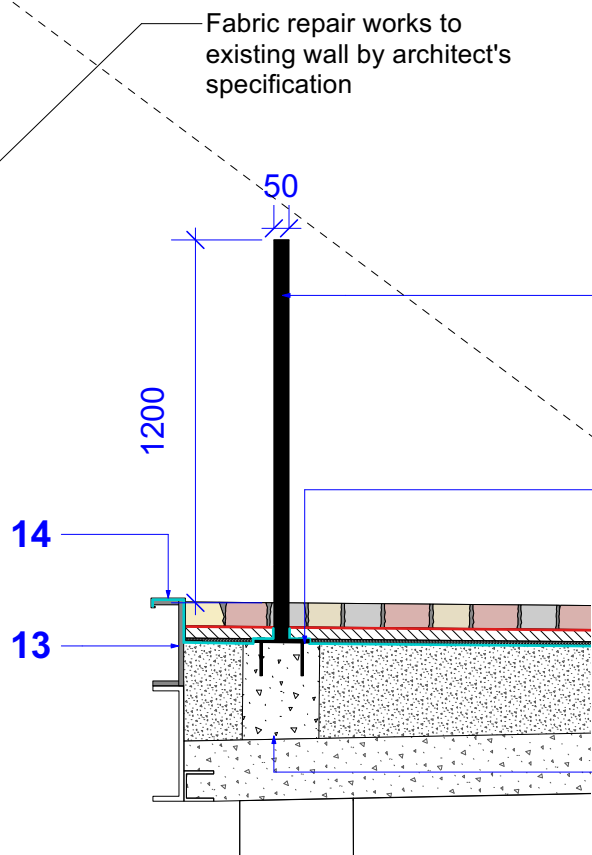
subject to approval of manufacturers drawings, all measurements to be checked on site prior to ordering and fabrication.



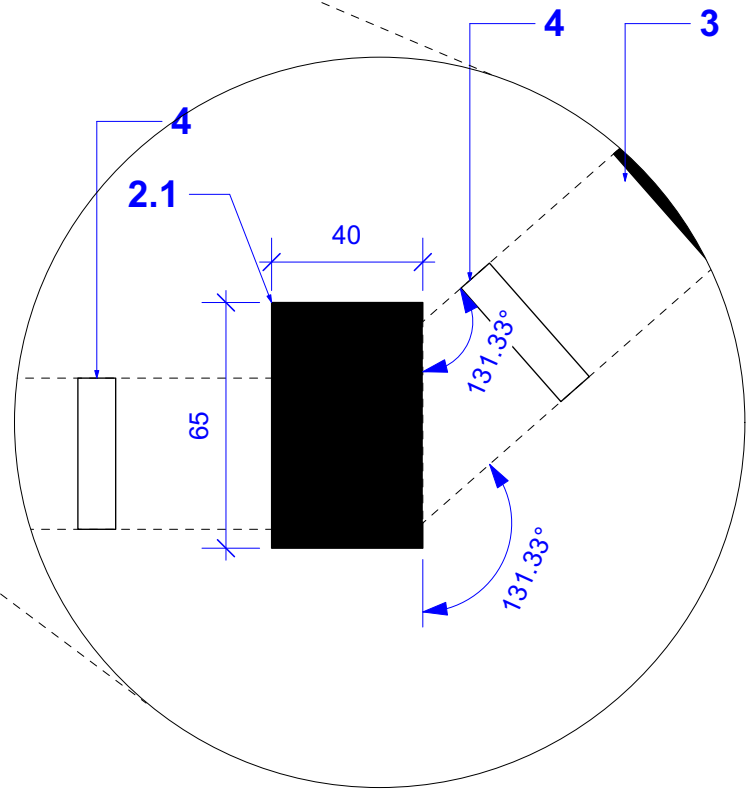
1 F6 Bespoke Balustrade - Plan
Scale: 1:25



2 F6 Bespoke Balustrade - Elevation
Scale: 1:25



3 F6 Bespoke Balustrade - Section
Scale: 1:25



4 Bespoke Corner Post Piece
Scale: Half Actual Size

KEY

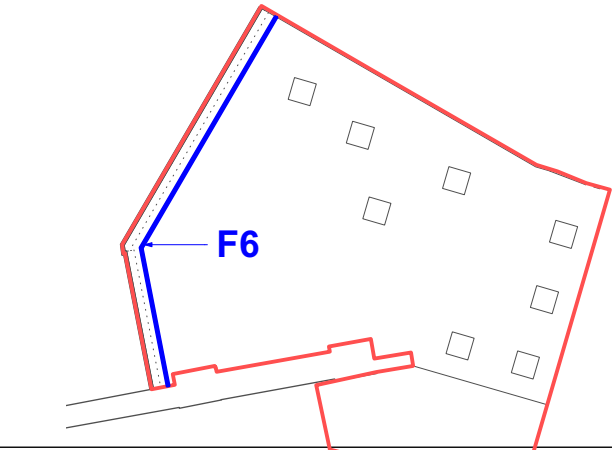
- 1- Balustrade**
Material: Square Hollow Section for posts & Mild Flat Bar Steel for rails and verticals
Finish: Galvanised PPC RAL 9004. (to match balustrade finish in Station Approach)
Overall Size: (H) 1200 x (L) 1207 post to post x (W) 40mm
- Fixings: Base plate to be mechanically fixed to existing concrete upstand to engineer's specification. All verticals to be seamlessly welded together off site. Fixings to be tamper proof and powder coated to match RAL colour of fence. Loading: Loading class to be confirmed by Engineer.
- Refer to NBS Clause Q41/111
- 2 - Posts**
Square Hollow Section. 1207mm centres.
Size: (H) 1200mm above ground x (W) 40mm x (D) 50mm
- 2.1 Bespoke corner post piece**
Square Hollow Section
Size: (H) 1200mm above ground x (W) 40 x (D) 65mm
- 3 - Tall Verticals**
Flat bar steel
Size: (H) 1085mm x (W) 40mm x (D) 10mm
98mm air gap between fins.
- 4 - Short Verticals**
Flat bar steel
Size: (H) 600mm x (W) 40mm x (D) 10mm
44mm air gap between fins.
- 5 - Bottom Rail**
Flat bar steel
Size: (H) 1168 x (W) 40 x (D) 15mm
Max 50mm above ground level
- 6 - Mid Rail**
Flat bar steel
Size: (H) 1168 x (W) 40 x (D) 9mm
- 7 - Top Rail**
Flat bar steel
Size: (H) 1168 x (W) 40 x (D) 9mm
- 8 - Base Plate & Fixing**
To engineer's specification.
- 9 - Waterproofing layer**
To architect's specification
Allow for upstand to balustrading and building edge
- 10- Granite Sett Paving - ST10**
Refer to drawing 2913-PLA-XX-XX-DR-L-5050 for more information
Refer to NBS Clause Q25/311
- 11- Existing Railing retained.**
Refer to NBS Clause Q41/112
- 12- Existing wall retained.**
Refer to NBS Clause F21/110
- 13- Steel Beam Edging (ET12)**
Refer to engineer's specification
- 14 - Drip flashing (ET13)**
To conceal waterproofing upstand.
Material: To match steel beam edging (ET12)
Refer to Architect's specification
- NOTE: Exact Ground Conditions unknown, in abeyance subject to further site investigations.**

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NOTES:

- Do not scale from this drawing; always work to noted dimensions.
- All setting out, levels and dimensions to be agreed on site.
- All dimensions are in millimetres unless otherwise stated.
- The dimensions of all materials must be checked on site before being laid out.
- This drawing must be read with the relevant specification clauses and detail drawings.
- Order of construction and setting out to be agreed on site.

LOCATION PLAN



C01	07/10/2025	Construction	JD	AM
P02	27/08/2025	Added drip flashing on building edge	JD	AM
P01	29/07/2025	RIBA 4 Issue	JD/AS	AM

Revision	Date	Description	Drawn	Apprvd.
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Client Science Industry Museum Group

Project Science Industry Museum - Plant Room

Drg Title Furniture Details - Balustrade

Created on 18/07/2025
Created by AS
Approved by AS

Scale As shown
Size A1
Workstage Stage 5

Drg No. 2913-PLA-XX-XX-DR-L-7051
Suitability D4
Revision C01