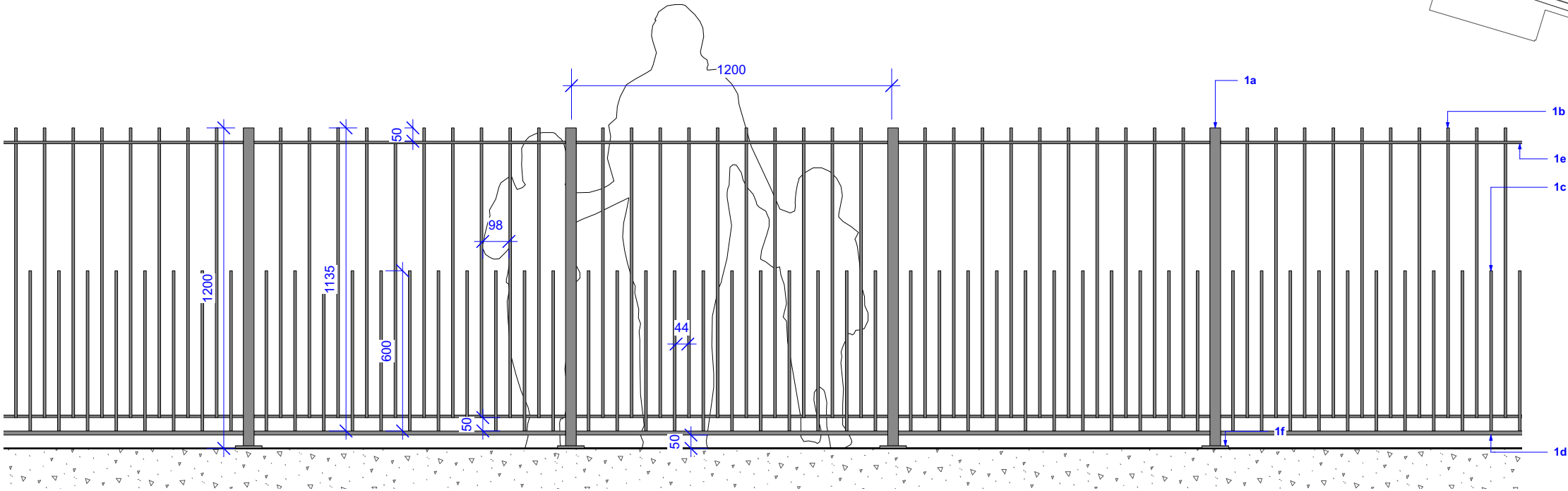


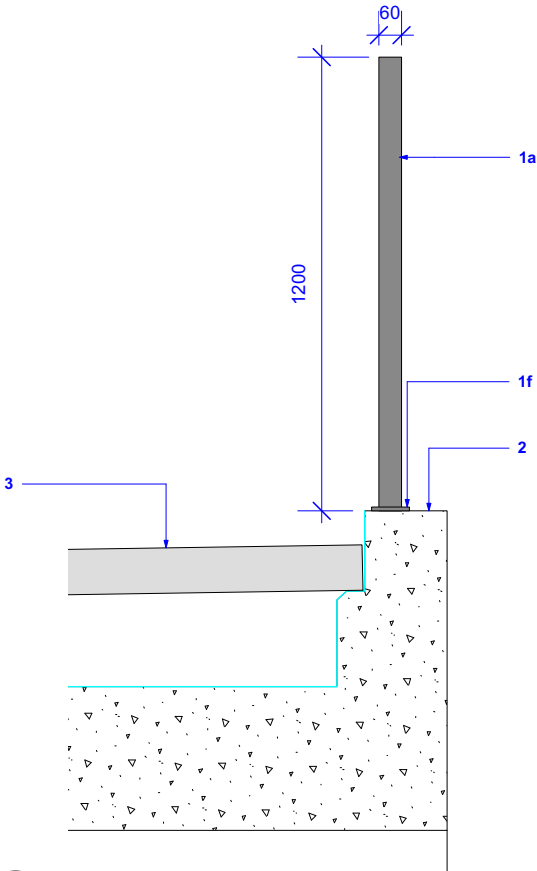
DESIGN INTENT ONLY

- Foundations to engineers specification.
- All samples to be submitted for client approval.
- Specification of all concrete elements to comply with Structural Engineer's performance specification.
- Subject to approval of manufacturers drawings, all measurements to be checked on site prior to ordering and fabrication.



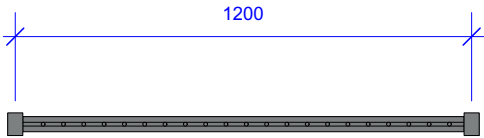
F6 Balustrade - Front Elevation

Scale: 1:20



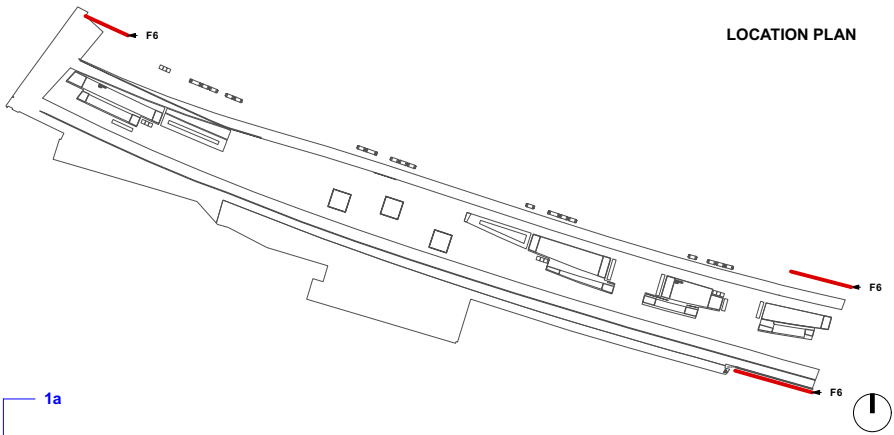
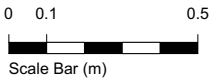
F6 Balustrade - Section

Scale: 1:20



F6 Balustrade - Plan

Scale: 1:20



LOCATION PLAN

1- Balustrade

Material: Mild Flat / round bar steel
Finish: PPC Tiger Drylac 29/80081 LL / C (Iron Glimmer Effect P7)
Overall Size: (H) 1200 x (L) 1200 post to post x (W) 60mm
Fixing: Surface fixed to existing concrete upstand.
All verticals to be seamlessly welded together off site.
Fixings: Balustrade to be mechanically fixed to existing concrete upstand to engineer's specification.
Fixings to be tamper proof and powder coated to match RAL colour of fence.
Loading: Loading class to be confirmed by Engineer..

1a - Posts

Square Hollow Section. 1200mm centres.
Size: (H) 1200 x (W) 60 x (D) 60mm

1b - Tall Verticals

Size: (H) 1085 x 10mm dia.
98mm air gap between verticals.

1c - Short Verticals

Size: (H) 600 x 10mm dia.
44mm air gap between verticals.

1d - Bottom Rail

Size: (H) 1170 x (W) 60 x (D) 15mm
Max 50mm above ground level.

1e - Top Rail

Size: (H) 1170 x 10mm dia.

1f - Base Plate & Fixing

Size: (W) 100 x (L) 100 x (D) 10mm
Fixing and horizontal imposed line load to Engineer's specification.

2 - Existing Concrete Upstand

To engineer's specification

3 - Precast Concrete Large Format Slabs - ST7

- THIS DRAWING IS COPYRIGHT PROTECTED AND MAY NOT BE REPRODUCED IN WHOLE OR PART WITHOUT WRITTEN AUTHORITY FROM THE OWNER.
- NOTES:**
1. Do not scale from this drawing.
 2. Always work to noted dimensions.
 3. All dimensions are in millimetres unless otherwise stated.
 4. All setting out, levels and dimensions to be agreed on site.
 5. The dimensions of all materials must be checked on site before being laid out.
 6. This drawing must be read with the relevant specification clauses and detail drawings.
 7. Order of construction and setting out to be agreed on site.

- REVISION NOTES**
1. Balustrade redesigned to be less climbable including changing flat bars to round bars, overall height increased to 1200mm, mid bar removed and bottom bar lowered.

P05	11/04/24	Planning Issue	AM	AM
P04	22/03/24	Tender update	TF	AM
P03	11/03/24	Planning	AM	AM
P02	31/03/24	Tender Update	TF	AM
P01	01/12/23	Tender	TF	AM

Revision	Date	Description	Drawn	Apprvd.
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Planit I.E. Limited
Manchester | London | Liverpool | Leeds | Standish
E: info@planit-ie.com W: planit-ie.com

MANCHESTER
2 Back Grafton St
Altrincham
WA14 1DY
T: 0161 928 9281

Client Science Museum Group

Project Science Industry Museum

Drg Title Station Approach - Furniture Details
Balustrade

Created on 01-06-23 **Created by** AS **Approved by** AM

Scale 1:20 **Size** A3 **Workstage** Stage 4 **Status**

Drg No. 2913-PLA-XX-XX-DR-L-7105 **Suitability** S4 **Revision** P05

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