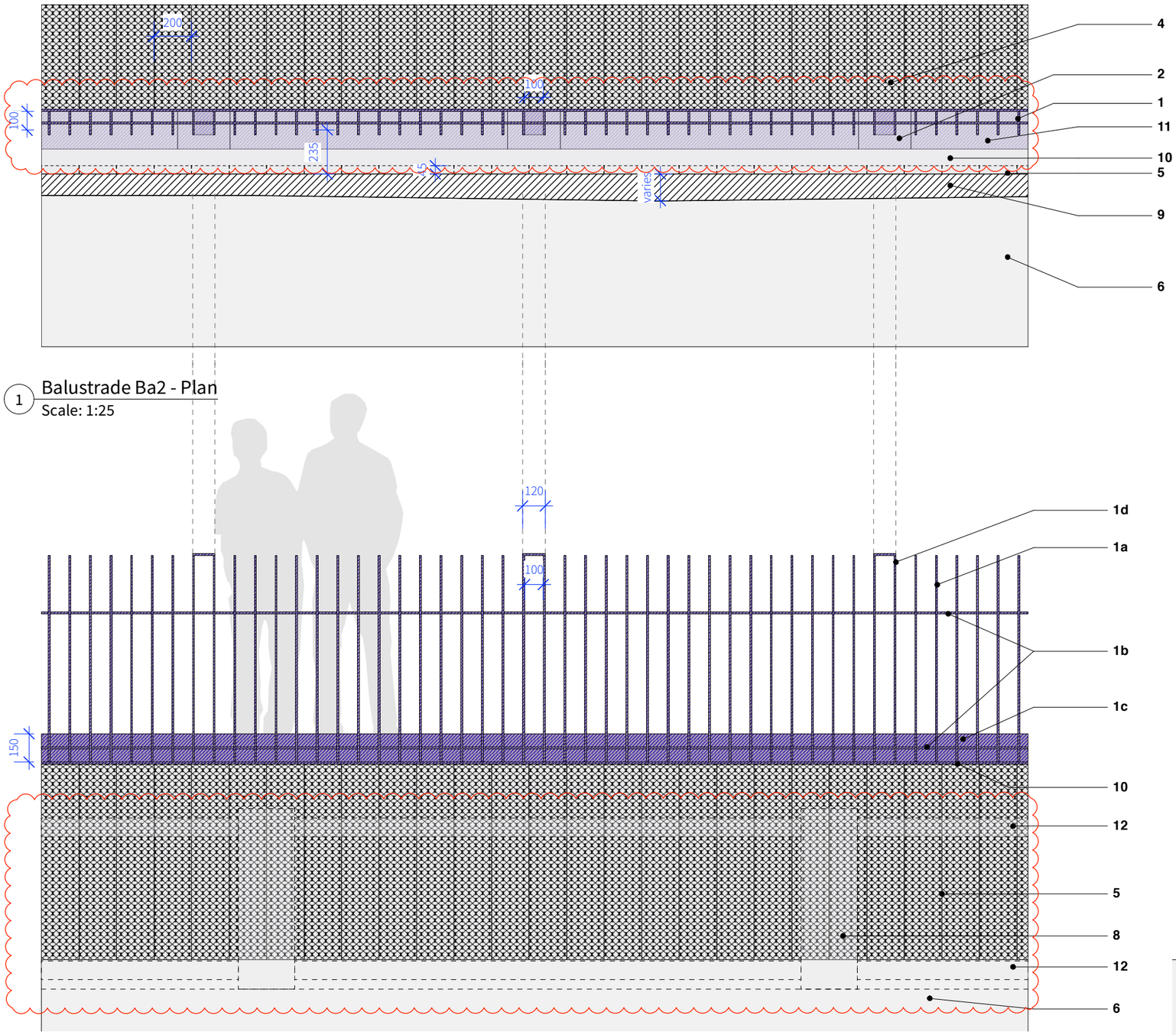
DESIGN INTENT - SUBMIT FABRICATION DRAWINGS FOR APPROVAL PRIOR TO PLACING ORDERS



1 Balustrade Ba2 - Plan
Scale: 1:25

1 Balustrade Ba2 - Elevation A-A'
Scale: 1:25

1 - Balustrade to river wall edge - Ba2
Material: Flat Steel bar.
Finish: Hot dip galvanised and powder coated.
Colour: RAL9005 subject to client and landscape architect approval .
Dimensions: 1.1m height above ground.
1a - Flat steel bars 125mm wide and 10mm thick.
1b - flat mid /bottom rail 10mm thk x 75mmW
1c - Steel plate 'Tow Rail' to Base
1d - Flat steel bar posts 125mm wide and 15mm thick.
Loading category subject to engineer's detail.
Fixing subject to structural engineers design. Refer to BH-S-00-1042.
Refer to NBS clause Q41/111

2 - Balustrade Baseplate and Fixing
Size: 200x280mm x 15mm thk.
Powder coated finish matching balustrade.
Refer to engineers detail.

3 - Square Hollow Section Beam - SE4
Material: Steel Square Hollow Section Beam.
Finish: Hot dip galvanised.
Dimensions: 200mmW x 200mmH. 10mm thick.
To engineers specification.

4 - Perforated Steel Decking D1
Product: Perforated Metal Plank - Type BN-OP5
Material: Steel.
Finish: Hot dip Galvanised.
Dimensions: 150mmW x 45mmD. 2mm thick. Bespoke lengths.
Fixing: To be fixed to steelwork using Stainless Steel Dome Head Tek Screw as per supplier's specification.
Accessories: 1no. maintenance access hatch and 3no. wiring access hatches, subject to detailed design. To include ramped access area.
Supplier: Lichtgitter UK.
Refer to drawing MF-PLA-XX-GF-DR-L-10-7014 and 5000 .
Refer to NBS clause Q55/110, Q55/380.

5 - Perforated Steel Cladding D2
Product: Perforated Metal Plank - Type BN-OP5
Material: Steel.
Finish: Hot dip Galvanised.
Dimensions: 150mmW x 45mmD. 2mm thick. min. 900mm length.
Fixing: To be fixed to block wall to engineer's specification.
Supplier: Lichtgitter UK.
Refer to drawing MF-PLA-XX-GF-DR-L-10-7014 and 5000 .
Refer to NBS clause Q55/110, Q55/380.

6 - Existing River Wall Coping
INDICATIVE ONLY. Refer to Expanded 'River Wall Survey REV 3 08.07.22' for accurate extent.

7 - PFC Beam
To engineers specification.

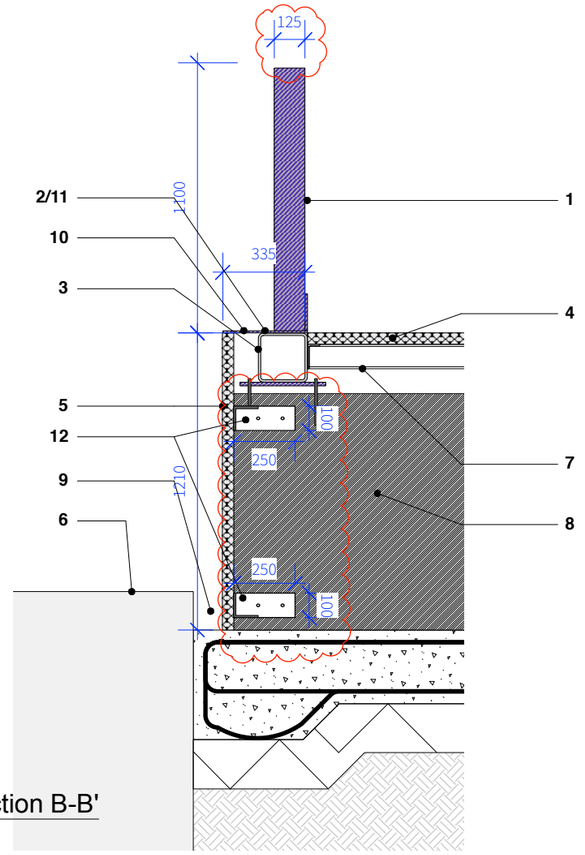
8 - Concrete Pier to river wall edge.
To engineers specification.

9 - Pea Gravel
Gap between River Wall Coping and Balustrade Foundation to be filled with 6-10mm gauge pea gravel.
Gap width varies - INDICATIVE ONLY - refer to Expanded 'River Wall Survey REV 3 08.07.22'.

10 - Steel Plate - SE5
Size: 350mmW x 12mm thk.
Powder coated finish matching balustrade.
Fixing and specification to engineer's specification.

11 - Non-structural Steel Plate
Size: 200mmW x 15mm thk.
Powder coated finish matching balustrade.
Fixing to engineer's specification.

12 - Rolled Steel Angle Bracket
Size: 100x100mm x 10mmthk.
Include side plates for fixing into sides of concrete pier.
Fixing to engineer's specification.



5 Balustrade Ba2 - Cross Section B-B'
Scale: 1:25

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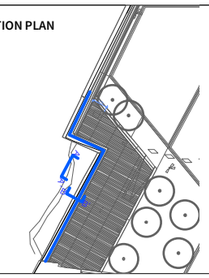
NOTES:
1. Do not scale from this drawing.
2. Always work to noted dimensions.
3. All dimensions are in millimetres unless otherwise stated.
4. All setting out, levels and dimensions to be agreed on site.
5. The dimensions of all materials must be checked on site before being laid out.
6. This drawing must be read with the relevant specification clauses and detail drawings.
7. Order of construction and setting out to be agreed on site.

LOCATION PLAN



S4-C07	02-12-22	1. balustrade dimensions updated inline with engineer's comments 2. Balsutrade fixing details added. 3. Details of vertical cladding fixing added as per engineer's comments.	TF	AM
S4-C05	31-08-22	for construction	TF	AM
S2-P05	27-07-22	1. decking / balustrade detail updated in line with engineer's detail. 2. SE4 SHS dims updated. 3. Steel plate and pea gravel added. 4. Universal beam renamed correctly as PFC beam.	TF	AM
D4-C04	24-06-22	D2 deck cladding added	TF	AM
D4-C03	08-12-21	decking abeyance noted removed.	TF	AM
D4-C02	02-12-21	planning abeyance note removed	TF	AM
D4-C01	04-11-21	NBS clauses added	TF	AM
D2-P04	12-02-21	1. BalustradeRAL colour amended. 2. Fixing detail amended.	TF	AM
D2-P03	21-01-21	1. BalustradeRAL colour amended. 2. Fixing detail amended.	TF	AM
D2-P02	08-01-21	1. balustrade height anno amended 2. Ba reference changed to Ba2 3. perforated cladding changed to steel decking.	TF	AM

Revision	Date	Description	Drawn	Apprvd.

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Client	OMA / MCC
Project	Factory
Drg Title	River Wall Balustrade Detail - Ba2

Created on	Created by	Approved by
03-12-20	TF	AM

Scale	Size	Workstage
1:25	A3	Stage 5

Drg No.	Suitability	Revision
MF-PLA-XX-GF-DR-L-10-7017	S4	C07

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