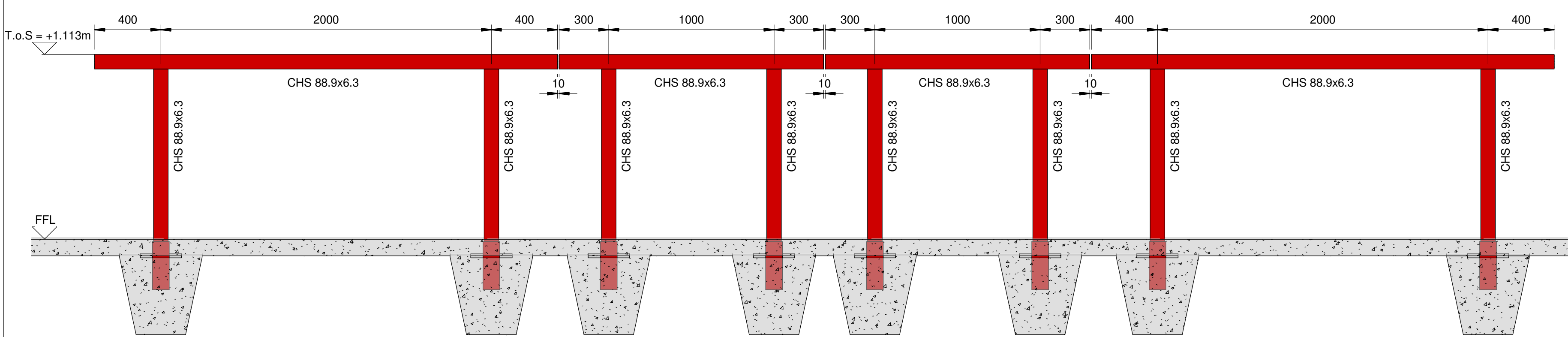
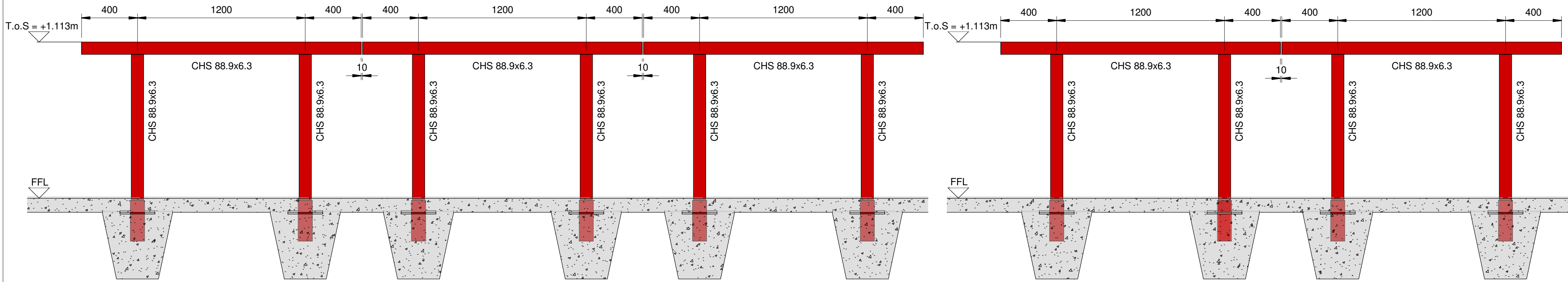


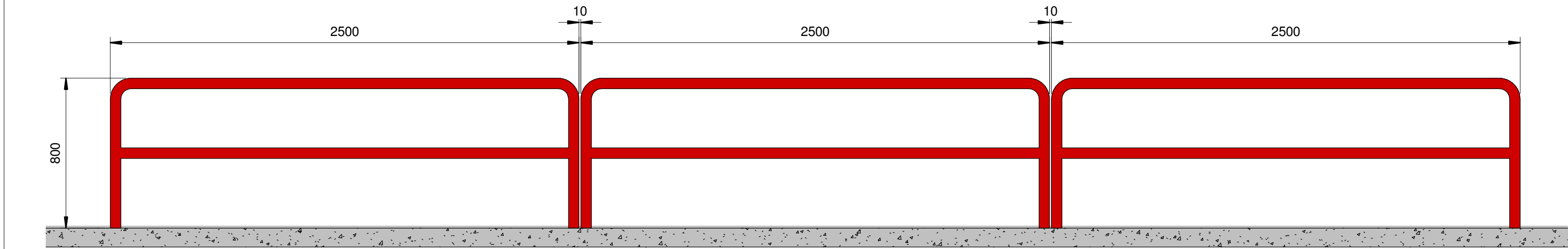


Crush Barrier Bay Type 1 Elevation
1 : 20

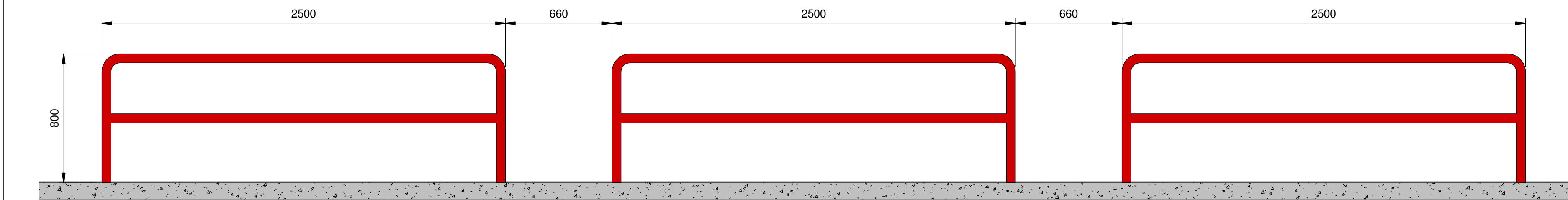


Crush Barrier Bay Type 2 Elevation
1 : 20

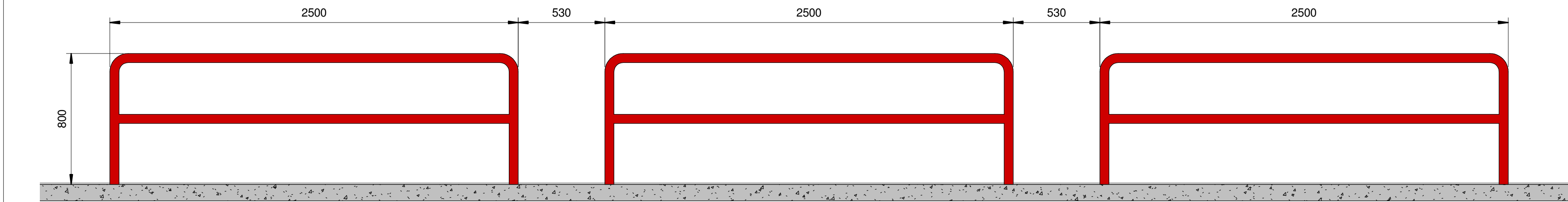
Crush Barrier Bay Type 3 Elevation
1 : 20



Rack Barrier Bay Type 1 Elevation
1 : 20



Rack Barrier Bay Type 2 Elevation
1 : 20



Rack Barrier Bay Type 3 Elevation
1 : 20

STEELWORK NOTES

- These notes to be read in conjunction with national structural steelwork specification for building construction published by the BCSA and SCI.
- All steel work to be grade S355 to be BS EN 10210 be used all U.N.O on drawings.
- All steelwork to be in accordance with the National Structural Steelwork Specification (NSSS) for Building Construction 5th Edition CE Marking Version.
- Structure defined as:
 - Service Category - SC1
 - Consequence Class - CC 1
 - Production Category - PC 2
 - Execution Class - EXC 2
- All corrosion protection to steelwork to be as follows: (all steelwork and coatings to be compatible with chosen fire protection system, in particular primer thickness should be suitable for intumescent paint).
- All steel work to be blast clean to SA 2.5 with;
 - 6.1. All internal steelwork to receive: Sherwin-William's paint specification F1 (OEA)
 - 6.2. All steelwork in cavities to receive: Sherwin-William's paint specification F4 (OEA)
 - 6.3. All steelwork exposed to external conditions to receive: Sherwin-William's paint specification F8 or D7 (OEA) OR Galvanised to 85microns in accordance with BS-EN-ISO 1461
- All the barrier components are to be powder coated to RAL 3020 (red)
- All bolts to be grade 8.8 a minimum no. M12 bolts to be adopted for each connection. All bolts, nuts and washers to be zinc plated or sherardised.
- Design of connections by steelwork sub-contractor to include design of baseplates and holding down bolts. Steelwork subcontractor to assume concrete grade of C30 with high strength grout beneath base plate (assume fcu = 30N/mm2). All connections to be designed in accordance with the BCSA "green book" recommendations.
- All proprietary fixings to be installed in strict accordance with manufacturer's recommendations.
- All welds to be a minimum 6mm full profile fillet welds and in accordance with BS 5135. Site welding shall not take place unless indicated clearly on fabrication drawings and/or approved writing.
 - I. Two copies of fabrication drawings i.e. dimensioned general arrangements and fabrication details and;
 - II. Connection calculation
- Comment by the structural engineer on these drawings shall not relieve the contractor of his responsibilities for work under the contract.

NOTES

- Do not scale from this drawing.
- This drawing is copyright and is sent to you in confidence. It must not be copied, used or disclosed, in whole or in part, to third parties without written permission. It remains the property of Booth King Partnership Limited and must be returned on request.
- This drawing is to be read in conjunction with all relevant contractual documents.
- Anyone using this drawing must be aware of their legal duties under the CDM Regulations 2015, refer to the HSE website for further information. BKPL are not Principal Designers.
- All dimensions shown are in millimetres unless noted otherwise.
- If the Contractor considers that they do not have sufficient information to safely complete the works detailed on this drawing, they should contact the Engineer.
- All works are to be carried out in accordance with the Building Regulations (as amended) and to the approval of Building Standards.

NOTE:
Refer to drawing 14356-BKP-V1-XX-DR-S-0300 for crush & rack barrier bay locations

P02	Issued For Information	03.02.23
P01	Preliminary Issue	20.01.23
No	Description	Date

bk

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PROJECT:

O2 Apollo Theatre

TITLE:

Proposed Crush & Rack
Barriers Layout & Details

SCALE @ A1:	DRAWN:	DATE:	REVISION:
1 : 20	JDE	Jan '23	P02

JOB No:	SUITABILITY:	STATUS:
14356		

DRAWING No:

14356-BKP- V1-XX-DR-S- 0301

NOTE:
Rack barriers will be supplied in specification similar to those found on barriers direct hooped stainless steel perimeter barriers

DRAFT