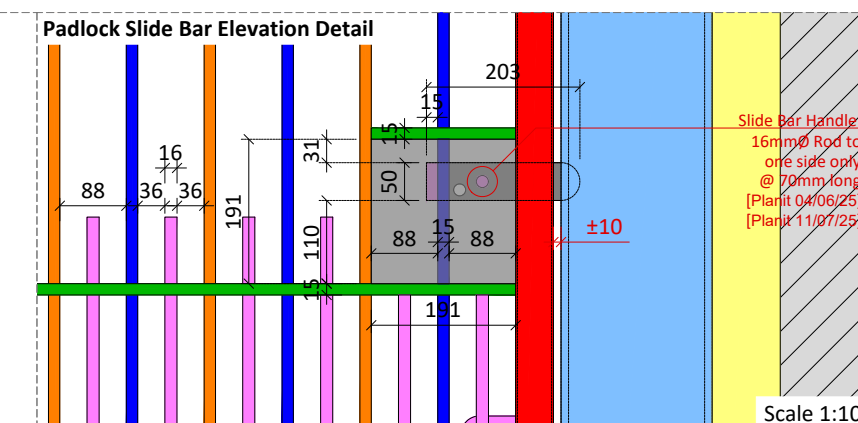
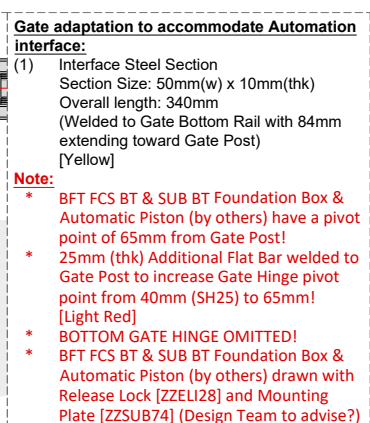
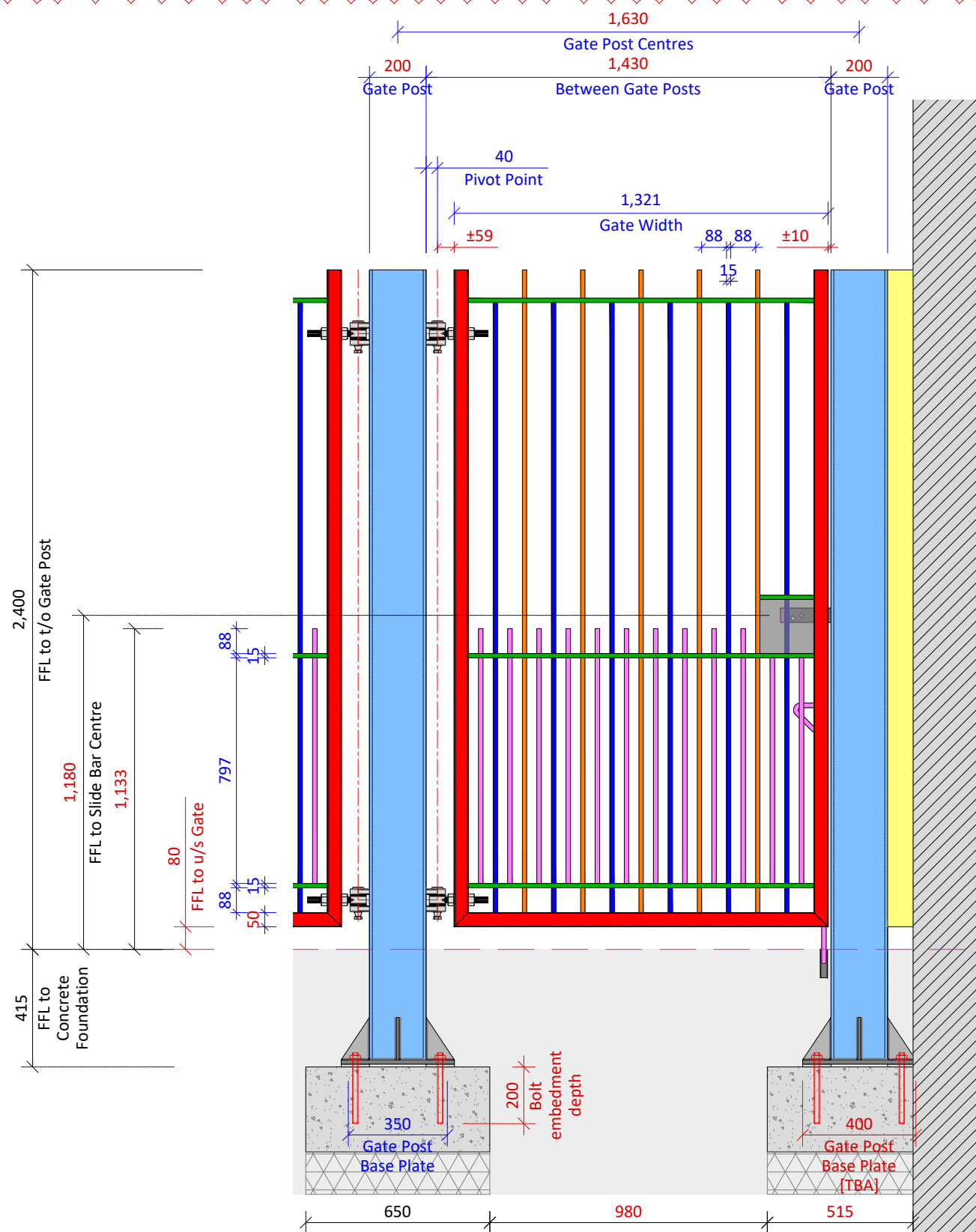




HMS Welding © Copyright 2025. Do not scale. Use written dimensions only.
All dimensions in millimetres unless otherwise stated.

SPECIFICATION DETAILS

Finish:

- * Polyester Powder Coat
- ** RAL 9004 Satin (Signal Black)
- * **Colour confirmed (11/07/25)**

Individual Gate Components:

- (A1) Hinge Stile
Section Size: SHS 50x50x5mm (mitred)
Overall length: **2320mm**
[Red]
- (A2) Meeting/Locking Stile
Section Size: SHS 50x50x2.5mm (mitred)
Overall length: **2320mm**
[Red]
- (B) Tall Vertical Flat Bar
Section Size: 50mm(w) x 15mm(thk)
Overall length: **2270mm**
(cut between horizontal flat bar)
[Orange]
- (C) Shorter Vertical Flat Bar
Section Size: 50mm(w) x 15mm(thk)
Overall length: **2155mm**
(cut between horizontal flat bar)
[Blue]
- (D) Short Vertical Circular Rod
Section Size: 16mmØ
Overall length: 900mm
(cut between horizontal flat bar)
[Magenta]
- (E1) Bottom Rail
Section Size: **SHS 50x50x2.5mm (mitred)**
Overall length: (Varies)
[Red]
- (E2) Horizontal Flat Bar
Section Size: 50mm(w) x 15mm(thk)
Overall length: (Varies)
[Green]

General Notes:

- * Gates bottom rail **±80mm** above Ground
- * Gates 90° Inward Opening
- * Gates factory fabricated and finished
- * **Automated Vehicular Double Gates hung on Gatemaster Superhinge SH30**
- ** 70mm(w) x 30mm(thk) Flat Bar welded to Gate Posts for <100mm gap with 10mm 'notch' for hinge point alignment**
- * **Pedestrian Double/Single Gates hung on Gatemaster Superhinge SH25**
- * **Automated Pedestrian Single Gate requires 60mm(w) x 25mm(thk) Flat Bar welded to Gate Post for hinge point alignment**
- * **All Automation components to be supplied and installed on site by others!**
- * **All Electrical wiring by others!**
- * This drawing is prepared in reference to the following Design Team drawings
- ** Planit I.E. Ltd**
- *** 2913-PLA-XX-XX-DR-L-7009**

C1	17/07/25	Raised to 'Construction' status as HHS instruction & revised as Planit comments (17/07/25)
P4	08/07/25	Revised in accordance with HHS/Design Team approval of revised setting out (03/07/25)
P3	23/05/25	Revised in accordance with Design Workshop (20/05/25)
P2	09/05/25	Revised in accordance with HMS discussion (09/05/25)
REV.	DATE	DESCRIPTION

DRAWING STATUS

C O N S T R U C T I O N

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JOB DESCRIPTION

MOSI
Museum of Science & Industry
Manchester

DRAWING TITLE

Upper Yard Entrance Gates:
(6A) & (6B) Pedestrian Single Gates
External Elevation & Details

DRAWN BY	KT
DRAWN DATE	08/05/2025
SCALE	1:20 @ A3
DRAWING NUMBER	REVISION
HMS-886-EG-04	C1