

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 ± 80 mm 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

REV.	DATE	DESCRIPTION
C1	17/07/25	Raised to 'Construction' status as HHS intrusion & revised as Planit comments (17/07/25)
P5	08/07/25	Revised in accordance with HHS/Design Team approval of revised setting out (03/07/25)
P4	23/05/25	Revised in accordance with Design Workshop (20/05/25)
P3	12/05/25	Double Gate Slide Bar revision as HMS discussion (12/05/25)

DRAWING STATUS

CONSTRUCTION



**HMS WELDING
LIMITED**

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JOB DESCRIPTION

MOSI
Museum of Science & Industry
Manchester

DRAWING TITLE

Upper Yard Entrance Gates:
(4) Pedestrian Double Gate
External Elevation & Details

DRAWN BY KT

DRAWN DATE 08/05/2025

SCALE 1:20 @ A3

DRAWING NUMBER HMS-886-EG-03

REVISION C1

