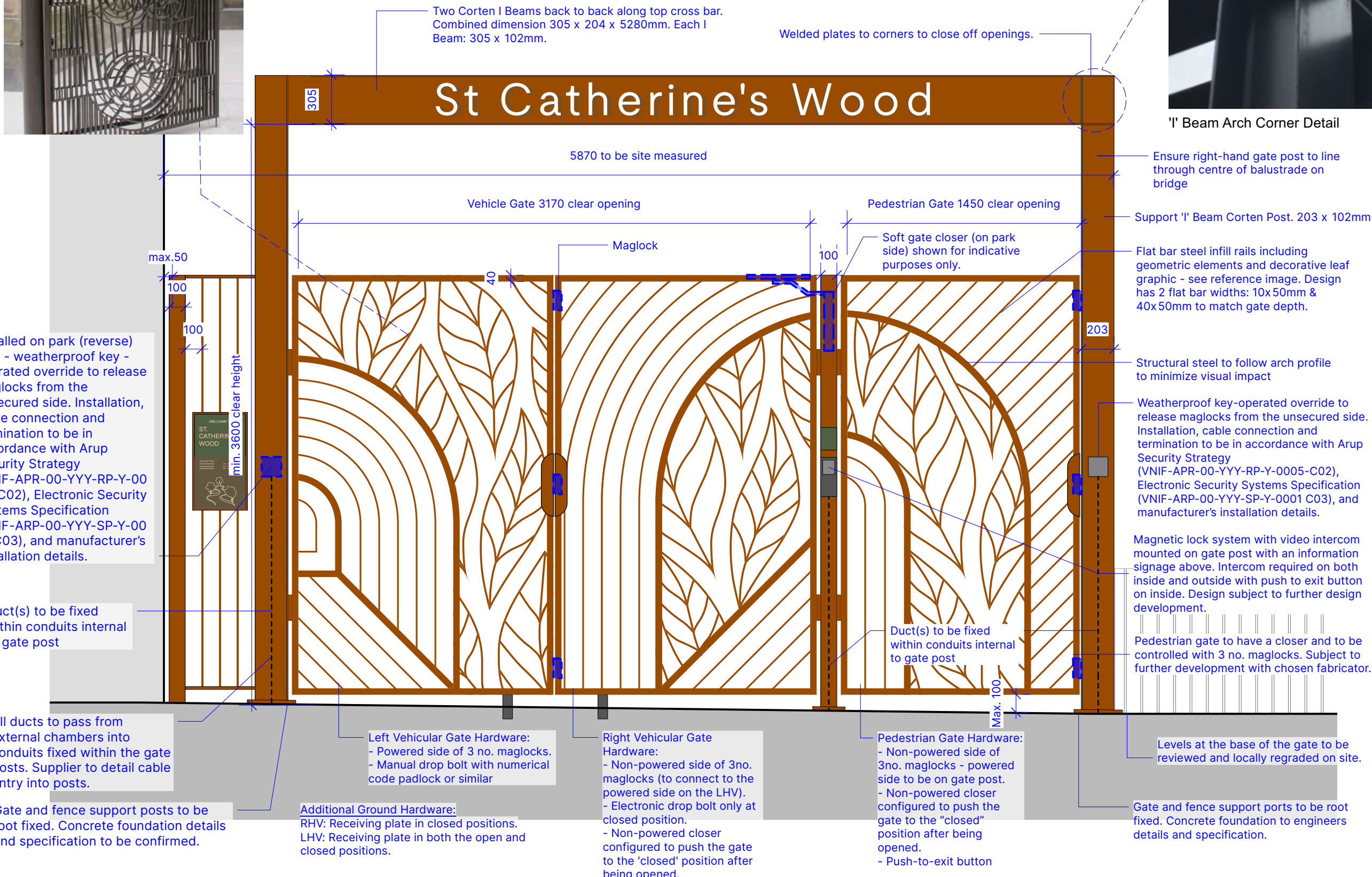




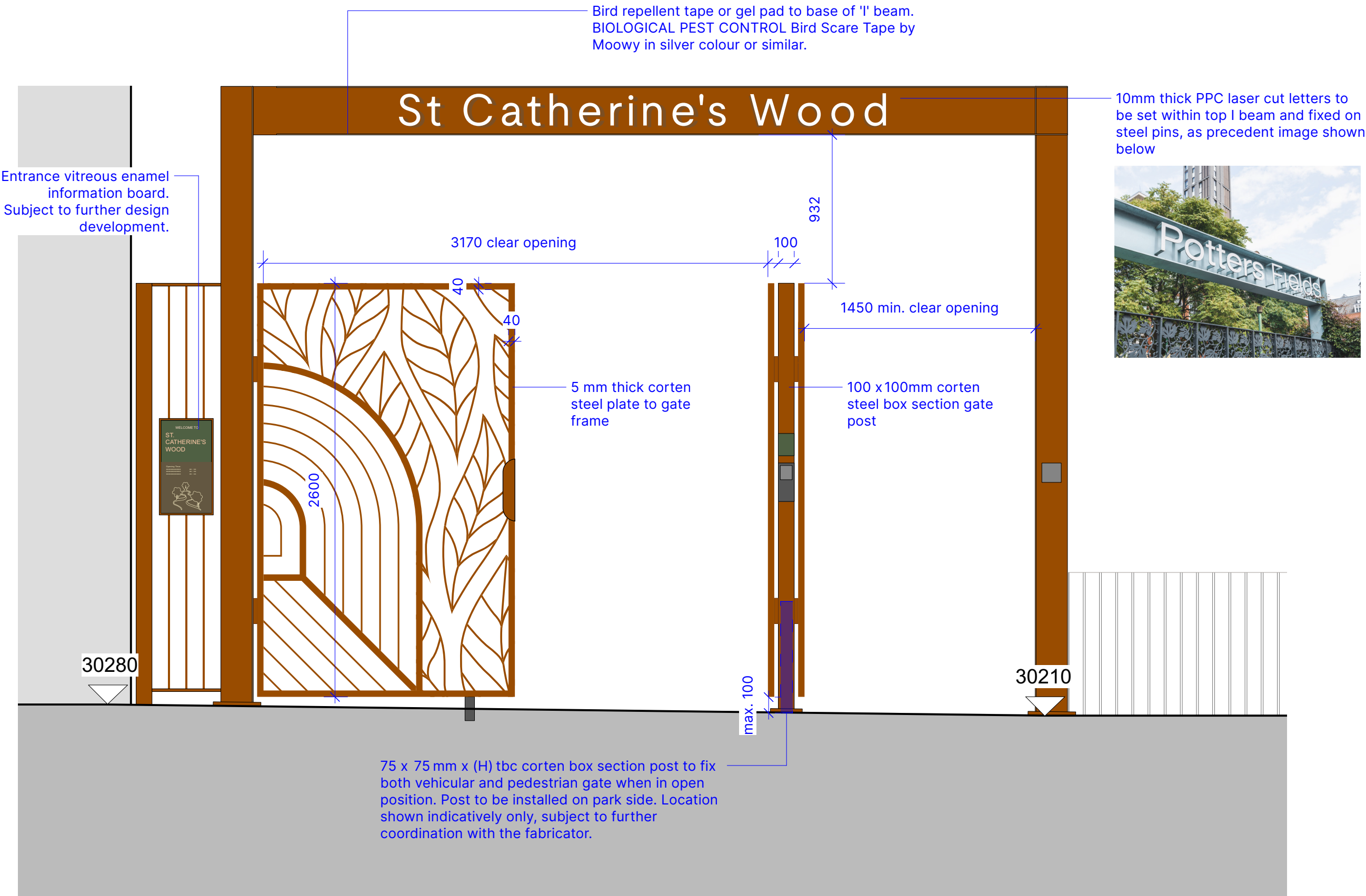
Steel infill rails reference image: Library Walk Gate, Manchester Central Library - decorative flat bar steel design.



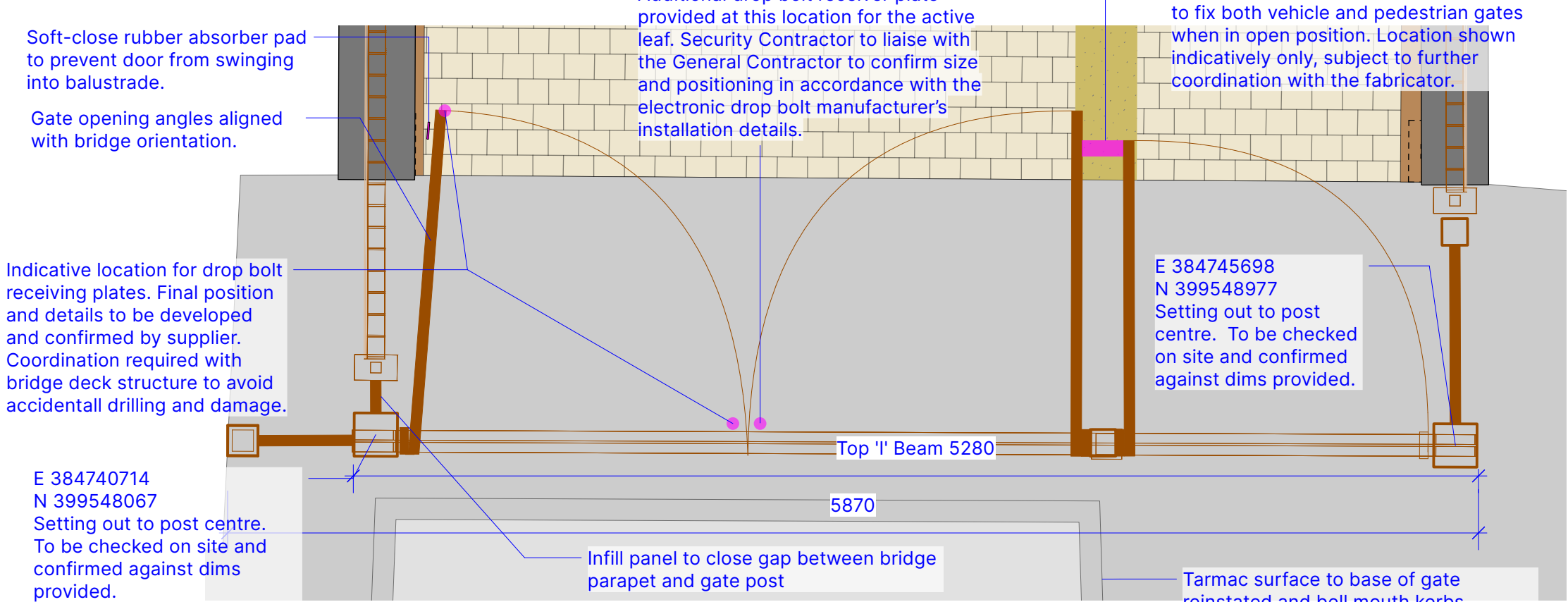
I' Beam Arch Corner Detail



1 Gate & Fence Detail - fully closed
Scale: 1:25

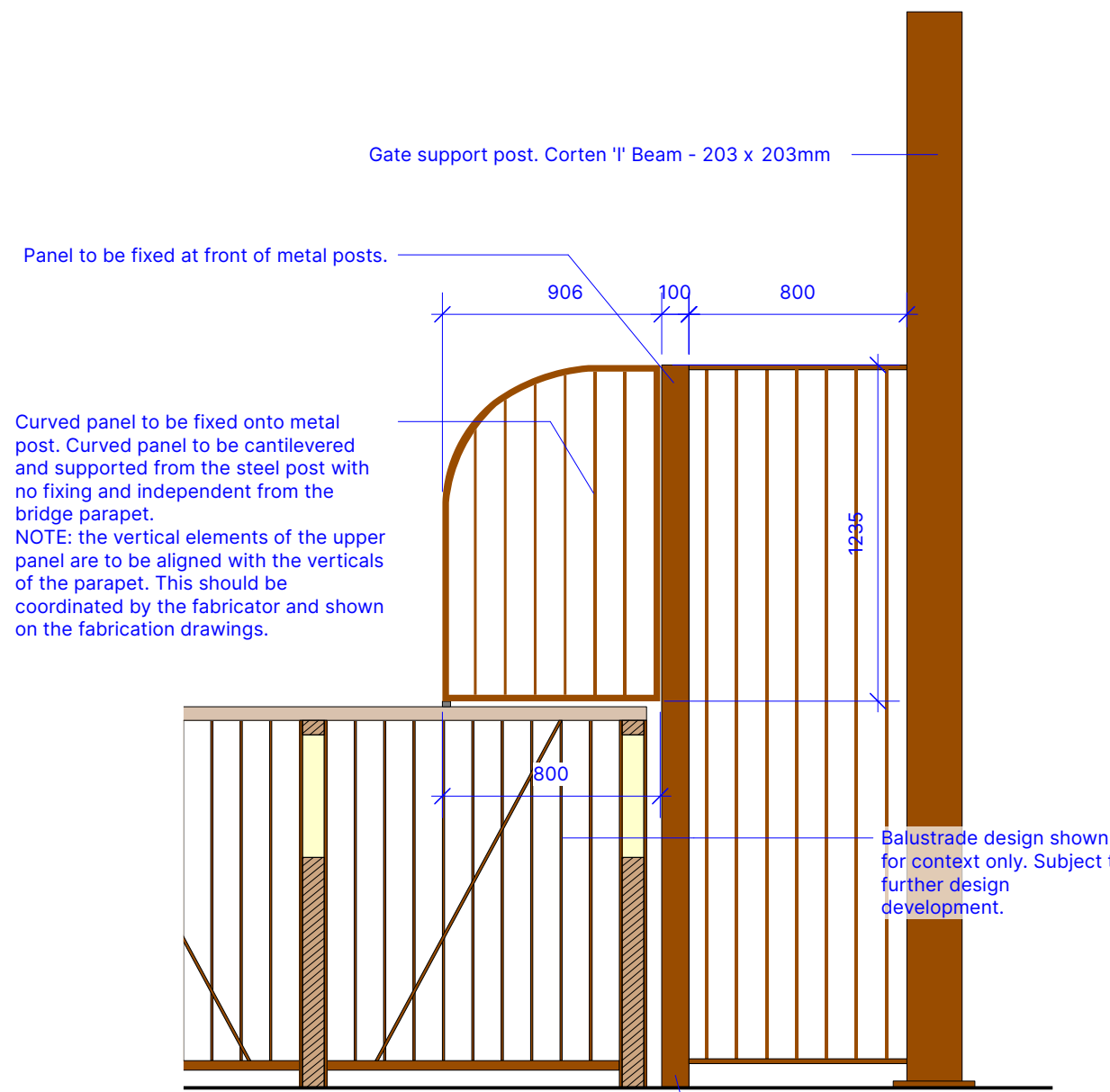


2 Gate & Fence Detail - 1 leaf vehicle & pedestrian gate open
Scale: 1:25



4 Flatbar Gate & Railing - Plan View
Scale: 1:25

NOTES:
MANUAL DROP BOLT
Manual drop bolt to be provided to manufacturer specification and to be in accordance with industry best practice. Drop bolt to be of a suitable diameter and to have suitable embedment to provide resistance to vandalism and forced entry. Throw distance to be adequate to ensure drop bolt fully engages with base / fixing plate and bolt is fully clear of ground and obstructions while gate is in motion. Drop bolt to incorporate either built-in combination (e.g., numeric) lock or provide fixing point for robust padlock or similar in both the open and closed positions (i.e., it must be possible to secure the drop bolt using the numeric lock in both the open and closed positions). Numeric lock must allow for code reset / change to enable periodic code changes, and must incorporate override (e.g., key override) in case code is lost. Manual drop bolt to incorporate automatic catch in the "open" position to prevent bolt being dragged.
GATE CLOSER
Gate closer to be provided to manufacturer specification and in accordance with industry best practice. Gate closer to provide soft-close functionality (to avoid "slamming shut") and to function adequately, allowing for reasonable tolerance in gate level/flatness and environmental conditions (e.g., applied wind loading). Note: the gate will be held open for prolonged periods (during park opening hours); gate closer to be selected to function under these conditions without impacting design life.
HOLD OPEN POST (75x75 corten box section):
Gates to be secured back to hold open post using a suitable lock, e.g., numerical padlock or similar. Separate fixings to be provided for each of the pedestrian and RHV gates, such that either gate can be secured open individually or both gates secured open simultaneously.



5 Side Panel - Option 2
Scale: 1:25



3 Gate & Fence Detail - pedestrian gate open
Scale: 1:25

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NOTE:
1. Do not scale from this drawing; always work to noted dimensions.
2. All setting out, levels and dimensions to be agreed on site.
3. All dimensions are in millimetres unless otherwise stated.
4. The dimensions of all materials must be checked on site before being laid out.
5. This drawing must be read with the relevant specification clauses and detail drawings.
6. Order of construction and setting out to be agreed on site.
7. This drawing is copyright protected and may not be reproduced in whole or part without written authority.

DESIGN INTENT ONLY
- Foundation details to Arup Civil Design and specification.
- Structural members are not sized and are shown as indicative only. Structure detailed design shall be undertaken by the fabricator in keeping with the design intent.
- Metalwork subject to approval of manufacturer's drawings; all measurements to be checked on site prior to ordering and fabrication.
- Steel infill panels to have different sizes and be in line with Arup Security Strategy (VNIF-APR-00-YYY-RP-Y-0005-C02).
- No openings in gate and fence panels should be above 100mm width.
- All fixings are to be discreet/countersunk and colour matched.
- Metal-to-metal connections to be mechanically fixed.
- Refer to Arup's SCW Access Gates proposal for required gate hardware.
- All gates forming part of the perimeter fencing system shall be designed and constructed in accordance with the relevant part of BS 1722 for the adjoining fence type, ensuring equivalent strength, durability, and finish, also outlined within the Arup Security Strategy (VNIF-APR-00-YYY-RP-Y-0005-C02).

Rev	Date	Description	By	Chkd	Appd	Auth
C03	13.10.25	Construction Issue - Design Intent	BM	MS	GB	GB
C02	10.10.25	Construction Issue - Design Intent	BM	MS	GB	GB
C01	15.08.25	Construction Issue	YH	MS	GB	GB

PLANIT



Project Title
Victoria North HIF Infrastructure

Drawing Title
Gate and Railing Details - SCW Design Intent

Scale at A1 As Shown			Plant-IE Job No 2700			
Role Landscape Architect						
Suitability S4						
Rev	By YH	Chkd MS	Appd GB			
C03	Date 13.10.25	Date 13.10.25	Date 13.10.25			
Name VNIF-PLA-ZZ-YYY-DR-L-8029						
Project VNIF	Originator PLA	Volume ZZ	Location YYY	Type DR	Role L	Number 8029