NOTES:

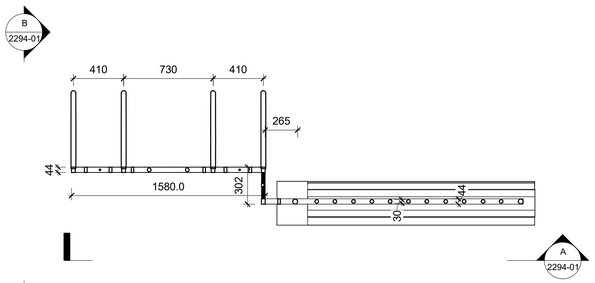
1. All new cast iron components will be cast from suitable existing castings which will be used as patterns to cast the new in grey iron to match the existing as best as possible.

2. As much of the existing brickwork to be salvaged and reused where possible.

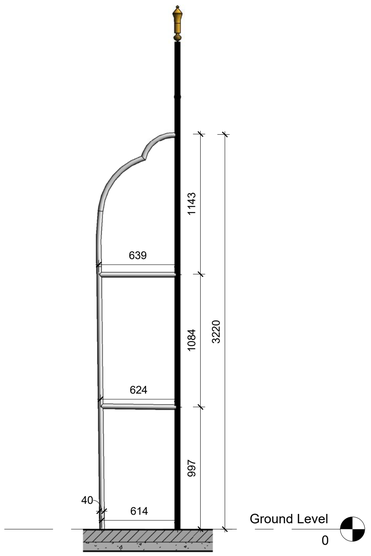
3. All new brickwork to incorporate second-hand bricks to match existing as best as possible.

4. Mortar to be hydraulic lime mortar.

5. The existing stone coping appears to be reconstituted Portland Stone. We have included to replace the damaged with reconstituted Portland Stone copings. Please advise if the copings are to be Natural Portland Stone.



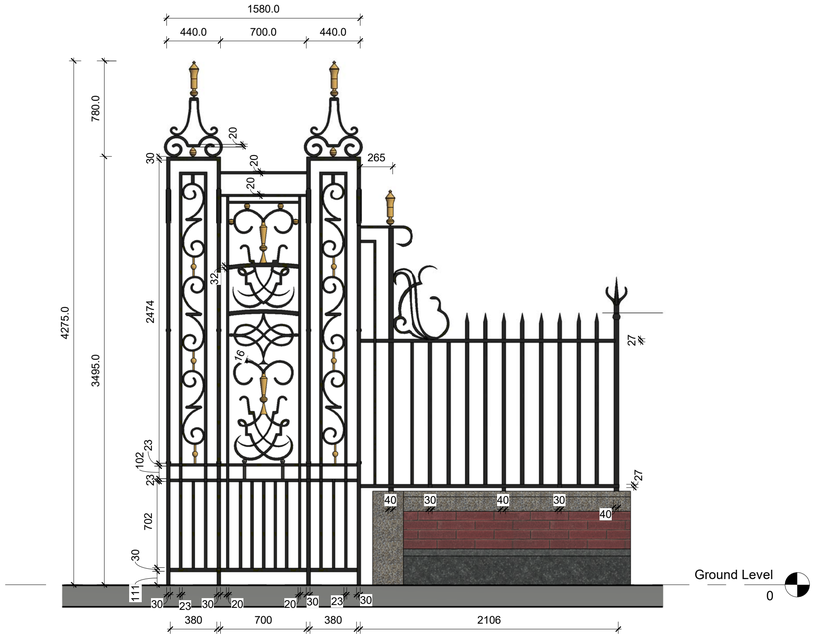
3 Ground Level
1 : 25



B Section B-B
1 : 25



2 3D-View



A Section A-A
1 : 25



FOR APPROVAL

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Do not scale drawings.

Steel Grades

All UC / UB / PFC / RSA - S355 - UNO
All SHS / RHS / CHS - S275 - UNO
All Plates - S275 - UNO

General Notes

1. This drawing to be read in conjunction with all the relevant architects & engineers drawings and spec.
2. Before manufacture, setting out and levels should be checked as per site survey and approved by client, architect, engineer and main contractor.
3. All steelwork to be ID marked during fabrication process.
4. Material dimensions & tolerances shall comply with the appropriate standard shown in the NSSS 5th/edition.
5. Welds to comply with CTM Welding Procedure Specification
 All welds are generally 6mm CFW - UNO.
 Laid neatly left and left as laid UNO.
6. Component Characteristics
 Tolerances of dims and shape EN 1090-2 Tolerance class 1
 Weldability: EN 10025-2, S275 / S355
 Fracture toughness / impact resistance
 S275JR (27J@20°C)/S355 (35J@20°C)/Stainless 304/316
 Load Bearing Capacity: Designed to BS5950 / EN 1993
7. Metalwork Tolerances
 - Fabrication:
 To be + or - 3mm or 2 % of the given dimension UNO.
 Hole deviation to be 2mm from intended position.
 Straightness of section 2mm in 1 metre.
 - Erection:
 Generally + or - 6mm from intended position per unit to be 2mm from intended position.
 Deviation from horizontal lines: + or - 6mm in 5 metres.
8. Legend /abbreviations:

FFL: Finish Floor Level	SSL: Structural Slab Level
TOS: Top of Steel	
UB: Universal Beam	UC: Universal Column
SHS: Square Hollow Section	RHS: Rect. Hollow Section
CHS: Circular Hollow Section	FL: Flat
PFC: Parallel Flange Channel	RSA: Rolled Steel Angle

Holes — CSK Holes N/S
Shop Bolts — CSK Holes F/S
Denotes erection mark location - for orientation.

UK CA
21/2454

Client
Highgate School

Site
North Road (B519)
London N6 4RS

Project Number
2294

Drawing Title
Vehicular accident gate and railing repair.

Drawing Number	Revision
2294-01	P01

Finish
Hand painted Black & Gold.

Drawing creation date : 18/08/22
Scale @ A1 : 1 : 25
Drawn By : SG
Checked By : SKG
Issue check by

Rev.	Details	By	Date
P01	Initial revision	S.G.	18.08.22

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