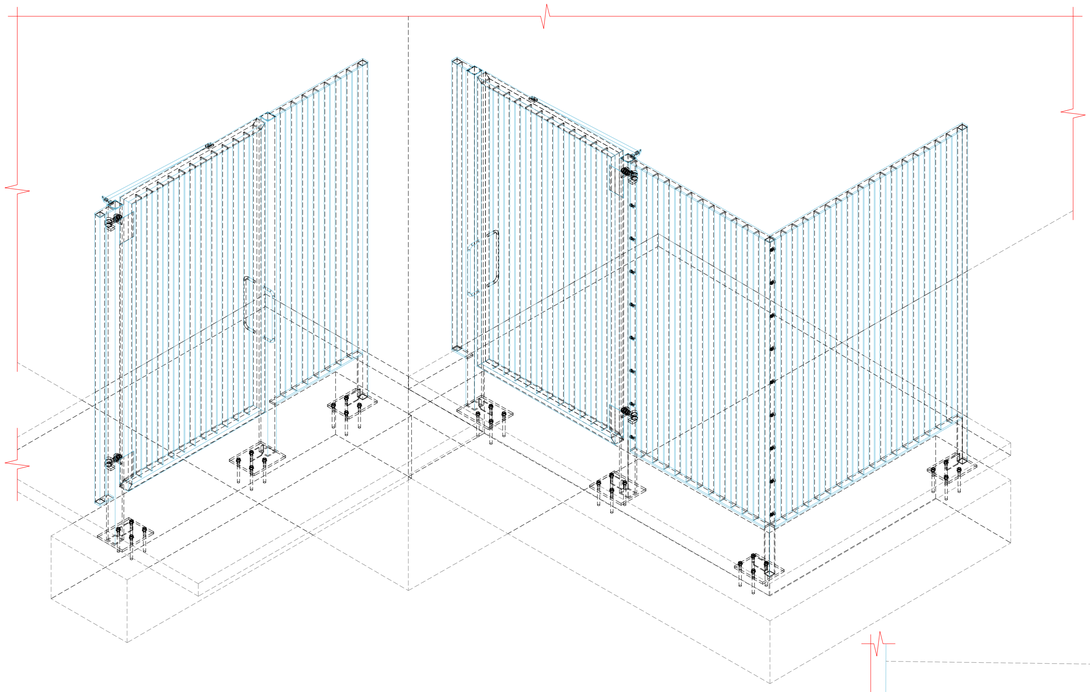
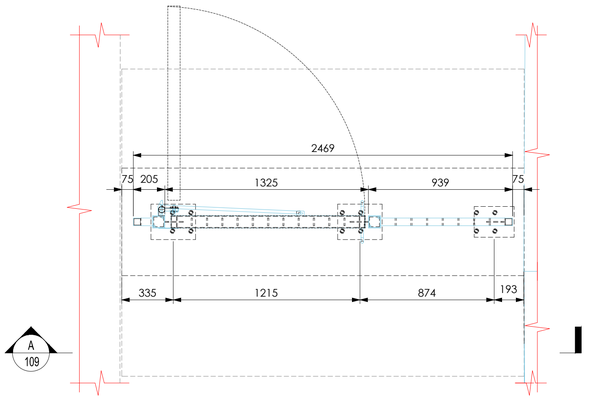
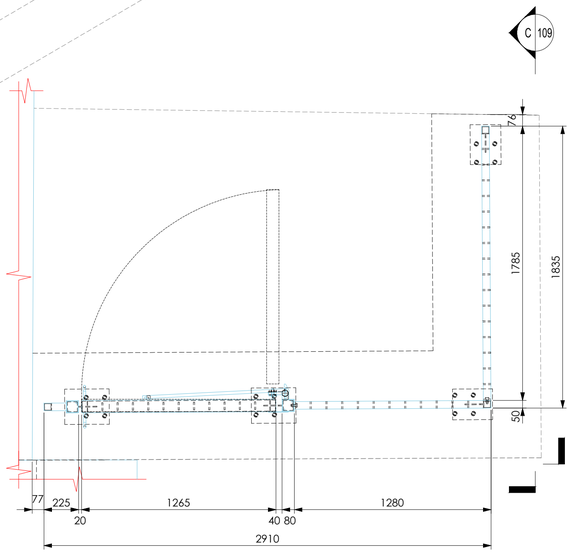


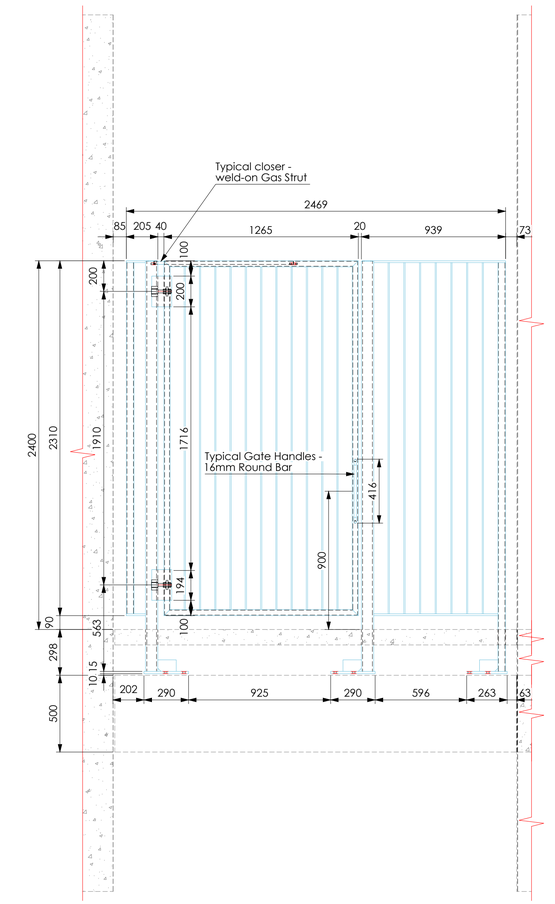
6 ISOMETRIC VIEW
- Scale 1:25 on A1



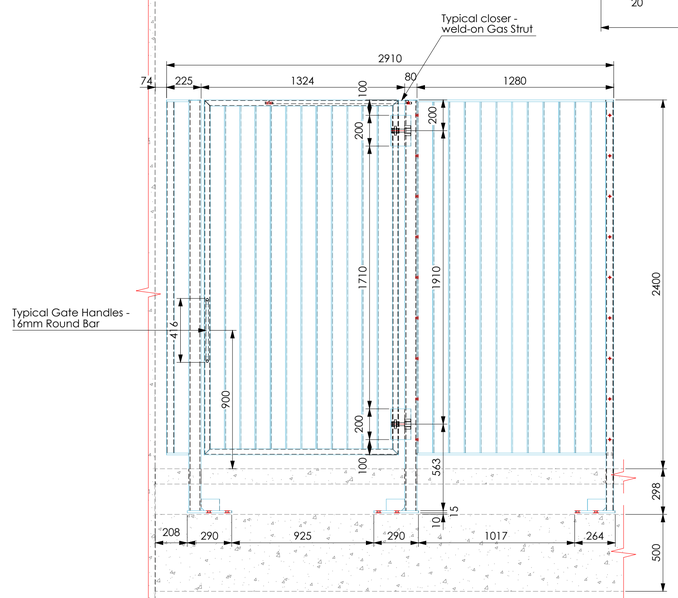
1 PLAN LAYOUT
- Scale 1:20 on A1



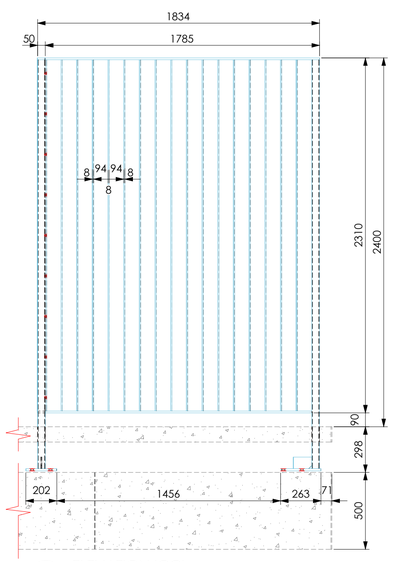
3 PLAN LAYOUT
- Scale 1:20 on A1



2 ELEVATION 'AA'
- Scale 1:20 on A1



4 ELEVATION 'BB'
- Scale 1:20 on A1



5 ELEVATION 'CC'
- Scale 1:20 on A1

IMPORTANT STATEMENT:

All metalwork is part of EXC 2 in accordance with BS EN 1090-2 & BS EN ISO 15609
- All design is to be checked & confirmed by the architect/main contractor and verified onsite before commencing any work.
- This drawing is to be read in conjunction with all other relevant engineer's & architect's drawings & specifications for the project

FABRICATION TOLERANCES:

Alignment +/- 2mm
Hole ovalisation +/- 1mm
Section deviation +/- 1mm over 1m span section
Erection Tolerance for fabrication +/- 2mm
Welding works to be as per welding precedure specification
All finished items are to be part marked & stamped
Always follow the instructions in manufacturer's installation spec.
All sharp edges are to be removed before site installation

SITE TORQUE TOLERANCES:

All tolerances noted are in accordance with BS EN 1090-2 D1
Standard torque tolerance = 2mm
M12 8.8: min torque = 88Nm
M16 8.8: min torque = 90Nm
M20 8.8: min torque = 110Nm
M24 8.8: min torque = 88Nm

Unless otherwise stated by the manufacturer

DESIGN LOADINGS:
Railing barrier load = 0.74kN

MATERIALS:
- Gate Support Posts - 80x8 SHS, S235JR
- Gate Perimeter Frame - 80x40x4 RHS, S235JR
- End Panels Support Posts - 50x4 SHS, S235JR
- Panel Top / Bottom Rail - 50x12mm Flat Bar, S275JR
- Infills - 50x8mm Flat Bar, S275JR
- Posts Caps & Hinge Covers - 3mm Plate, S275JR
- Support Posts Base Plates - 15mm Plate, S275JR
- Grab Handles - 16mm Solid Round Bar, S275JR

FIXINGS & Fittings:
- **Hinges** - BRUNDLE weld-on hinges
- **Drop Bolt** - BRUNDLE weld-on 530mm drop bolt (anti-vandal)
- **Gas Strut** - weld-on item
- **Maglock**
- **Post Base Conn** - M16x190 Resin Anchors, BZP

FINISHES:
- Steel elements to be Primer powder coating followed by PPC to RAL **9010 (Pure White)**, Matt Gloss +/- **30**%

DRAWING REFERENCES:
- Landscape Architect: 246A-310-115

Approval

REV	Reason for Issue	Drawn	Date
P01	Initial issue - Status 2	CD	22.08.24

Client:

MORGAN SINDALL

Project: CENTRAL SOMERS TOWN

Drawing Title:
ARCHITECTURAL METALWORK - Plot 5 Access Gates
Typical Details

Drawn By: CMD | Scale: N/A | Dwg Size: A1 | Date: 22/08/2024

Drawing Status: 2 - FOR REVIEW & COMMENTS
Revision: P01

DWG No: 54CB02-CRD-XX-UGF-DR-X-0010
If in doubt ask