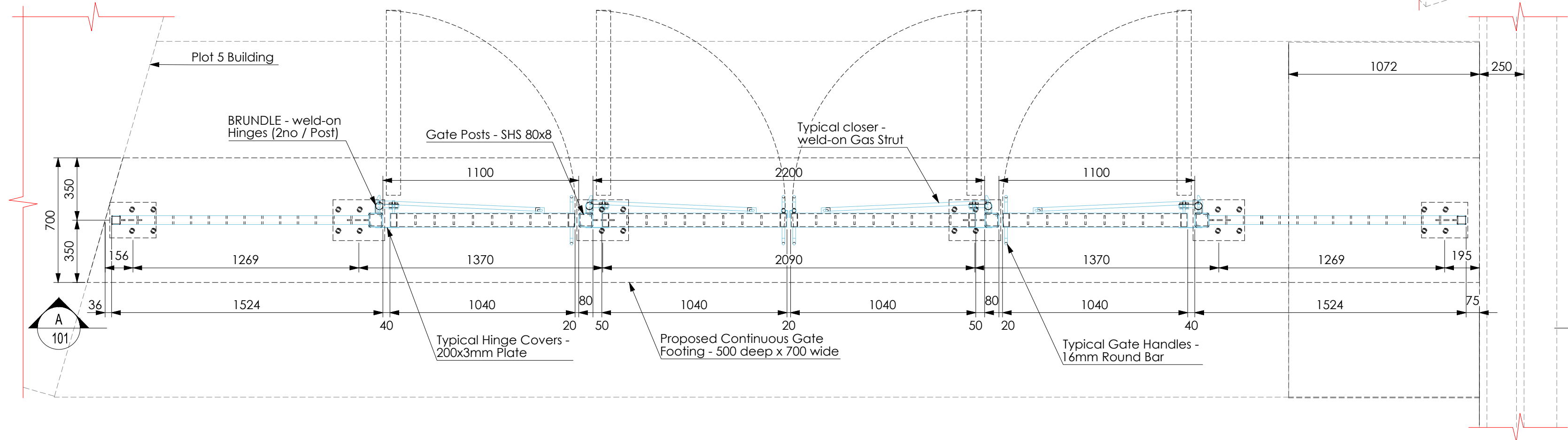


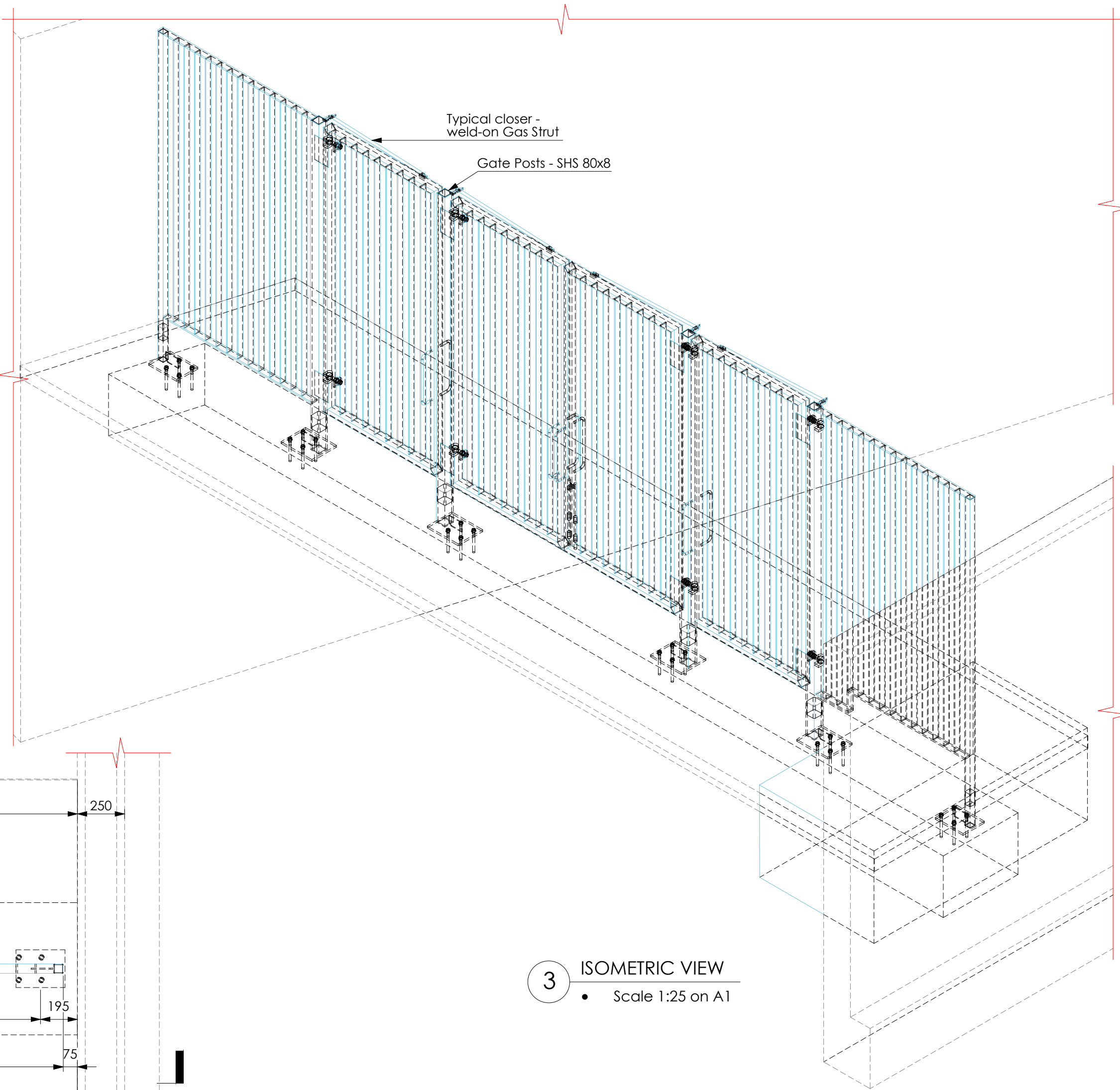
1 PLAN LAYOUT

Scale 1:20 on A1



3 ISOMETRIC VIEW

Scale 1:25 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 engineers' & 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 procedure 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

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

Client:

MORGAN SINDALL

Project: CENTRAL SOMERS TOWN

Drawing Title:
ARCHITECTURAL METALWORK - Plot 6 / Plot 5 Main 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-0003
If in doubt ask

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2 ELEVATION 'AA'

Scale 1:20 on A1

