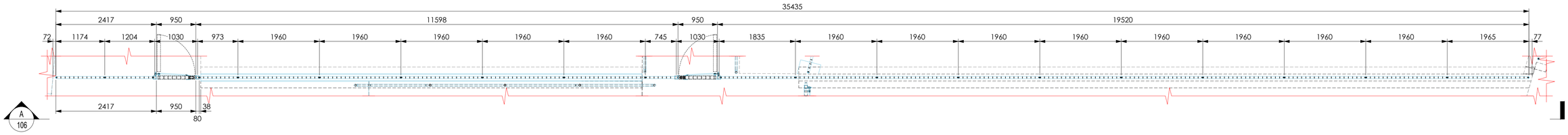
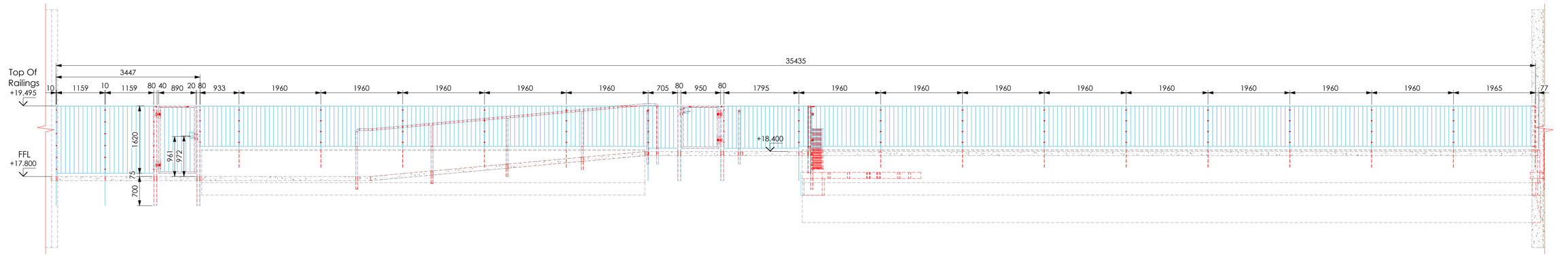
## 1 PLAN LAYOUT

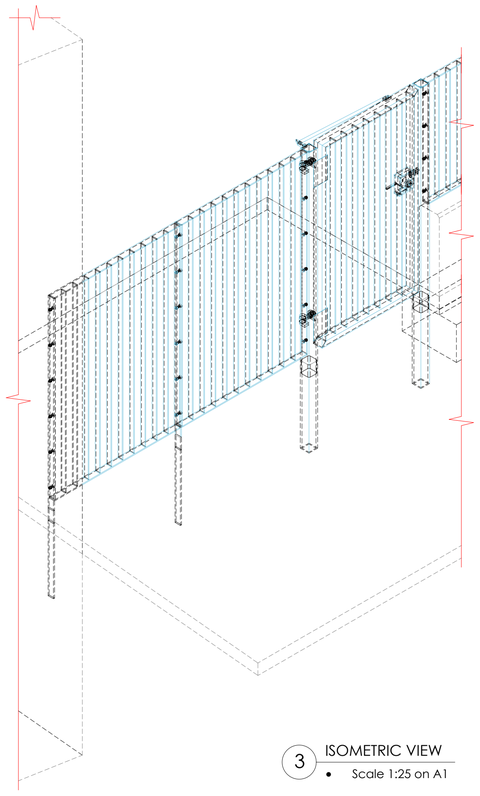
- Scale 1:20 on A1




## 2 ELEVATION 'AA'

- 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 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:
- Support Posts - 50x10mm Flat Bar, S275JR
- Infill Panel Perimeter Rail - 50x8mm Flat Bar, S275JR
- Panel Infills - 40x8mm Flat Bar, S275JR
- Gate Support Posts - 80x8 SHS, S235JR
- Gate Perimeter Frame - 80x40x4 RHS, S235JR
- Gate Infills - 50x8mm Flat Bar, S275JR
- Posts Caps & Hinge Covers - 3mm Plate, S275JR
-

FIXINGS & Fittings:
- **Hinges** - BRUNDLE weld-on hinges
- **Drop Bolt** - BRUNDLE weld-on 530mm drop bolt (anti-vandal)
- **Gas Strut** - weld-on item
- **Maglock Infill Panel to Post Conn** - M10x35 Pan Head fixing, SS
- **Post Base Conn** - dig & concreted in to -410mm from FFL

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

DRAWING REFERENCES:
- Landscape Architect: 246A-310-123

# 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 & 6 RC Upstand Garden Railings
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-0009

If in doubt ask