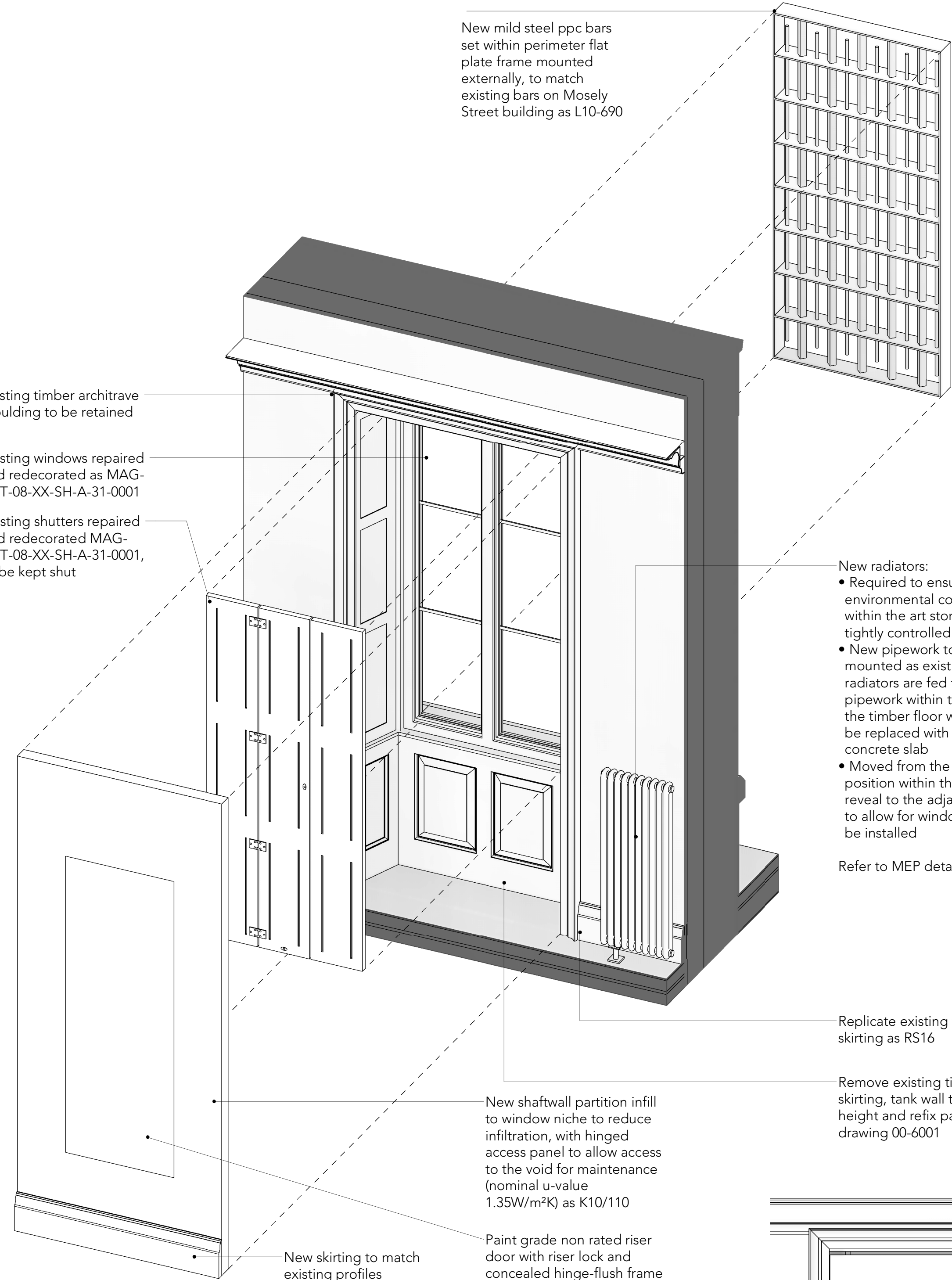




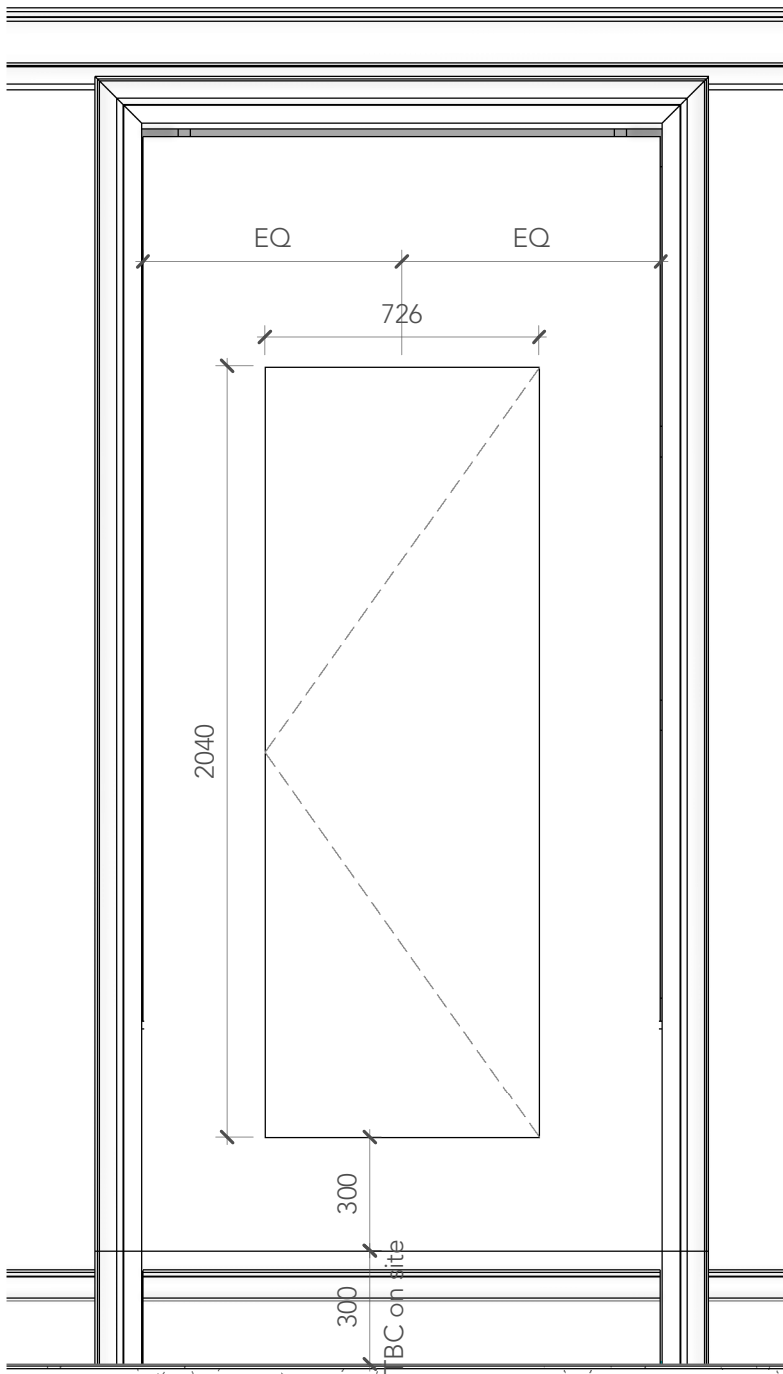
1 Windows_Proposal Exploded Isometric



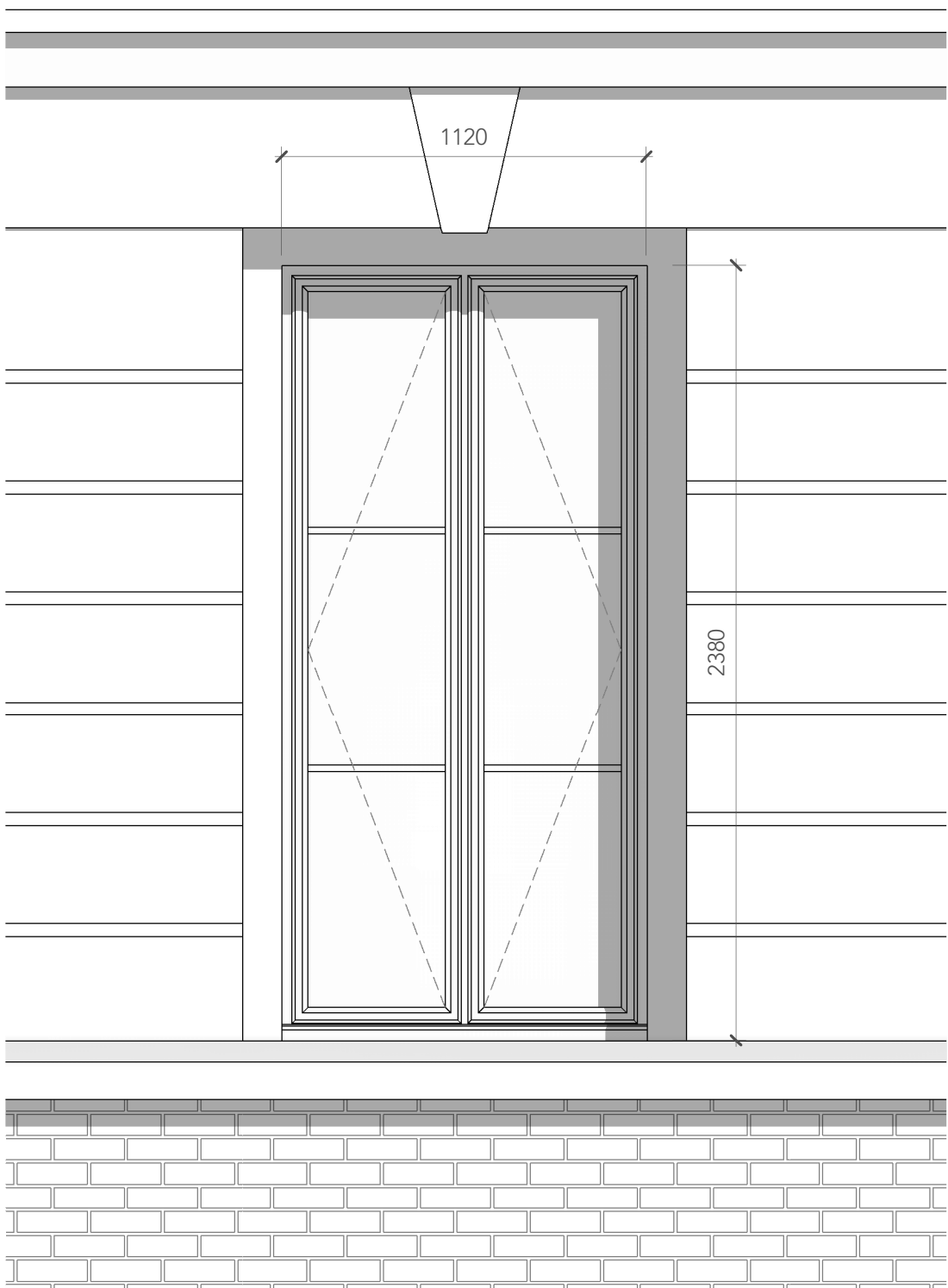
Existing External Security Bars (Nicholas Street)



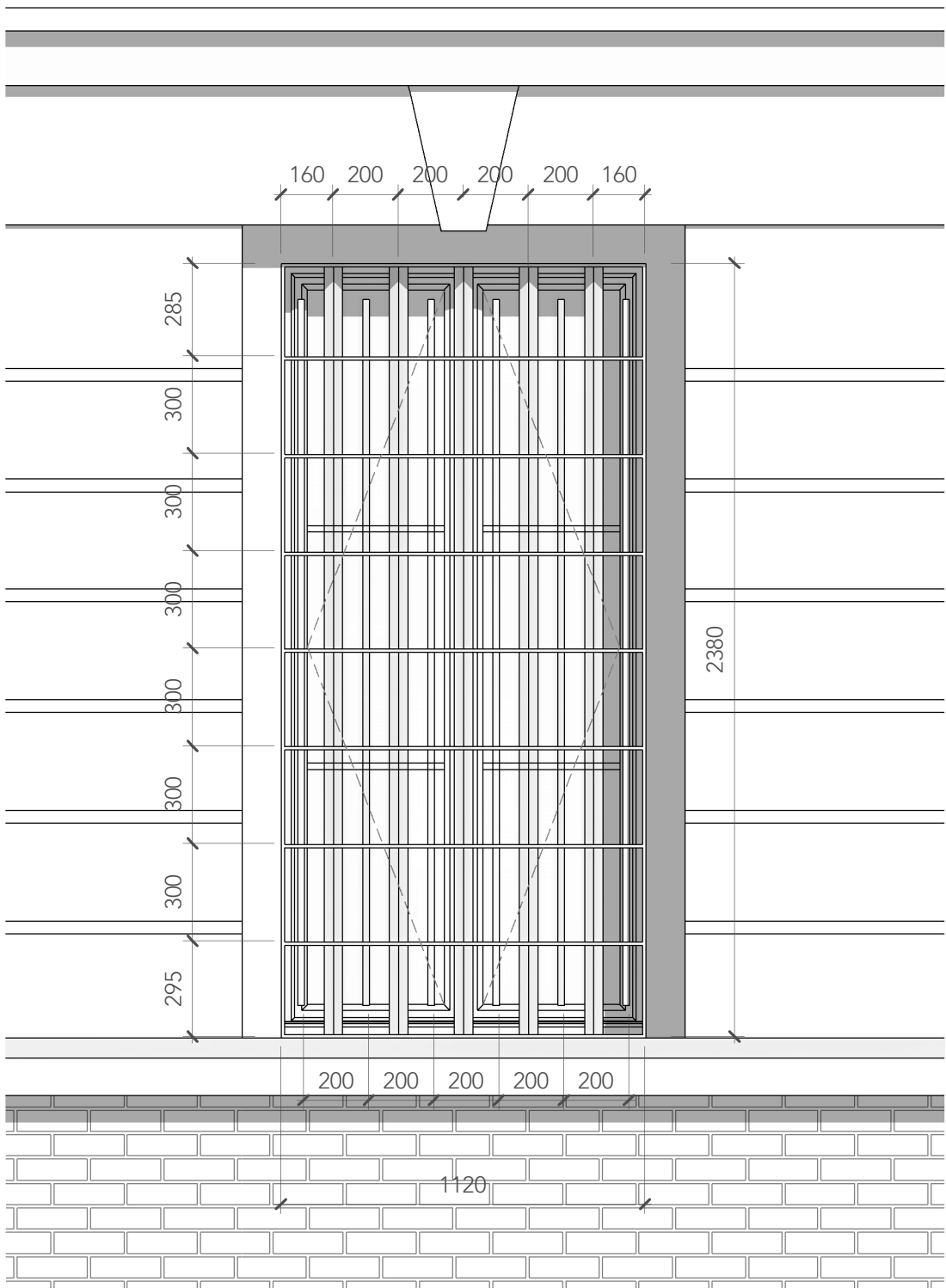
Existing External Security Bars (Princess Street)



2 Windows_Proposed Internal Elevation



4 Windows_Typical External Elevation as Existing

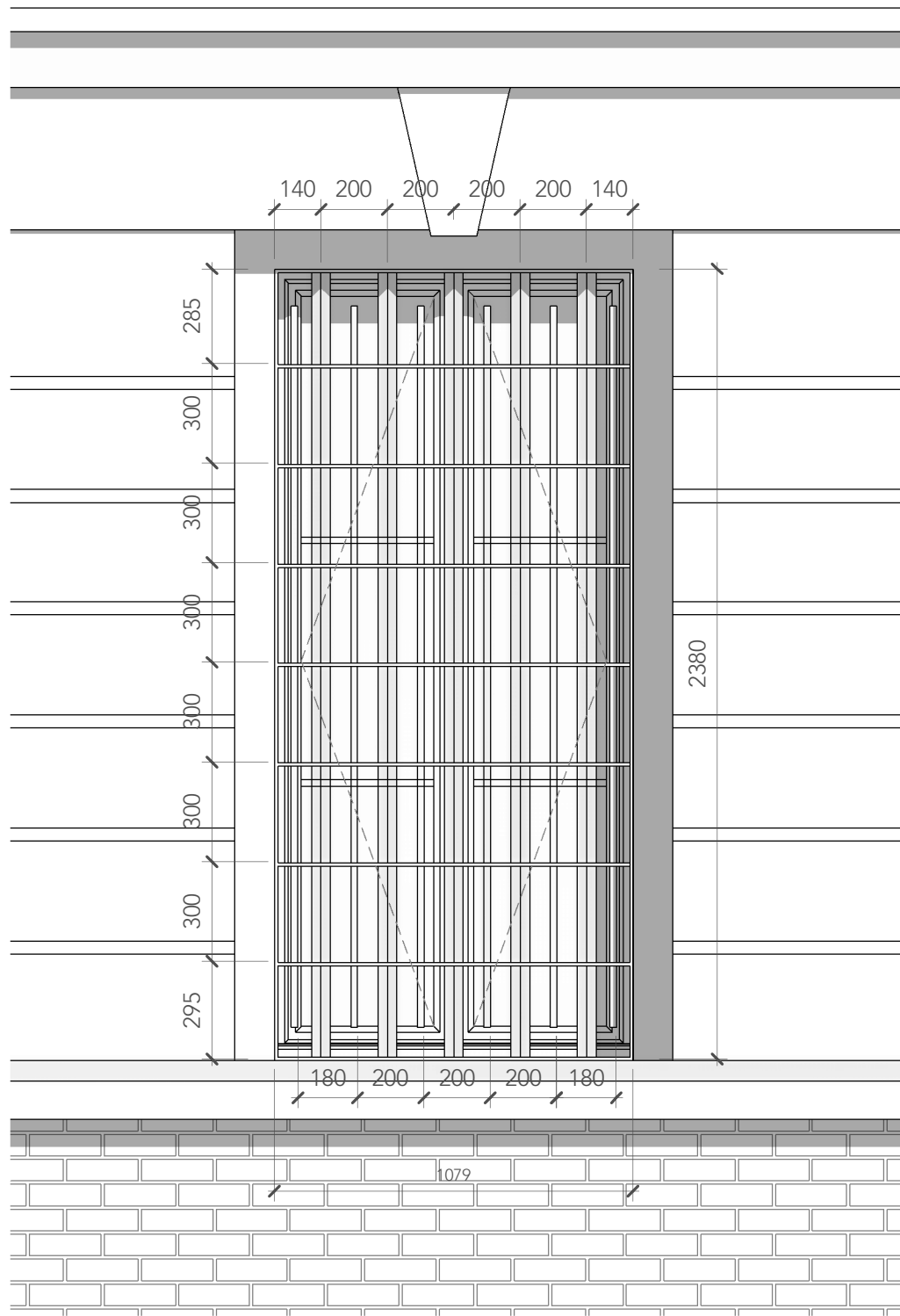


5 Windows_Typical External Elevation as Proposed

Alternating 20/40mm mild steel/iron bars at 100mm centres, passing through min. 50x10mm flat cross ties at max. 300mm vertical spacing. Alternating bars fixed to surrounding flat wall plate or terminate 100mm short of wall plate. Frame to be fixed in place with non-removable bolts/anchors (min 10mm diameter countersunk anti-theft security allen head rawl bolts with ball bearing inserts), spaced at no more than 600mm centres in each vertical face and at least 2 in each horizontal face.



3 Windows_External Elevation WIN-010 and 022 as Existing



6 Windows_External Elevation WIN-010 and 022 as Proposed

NB:

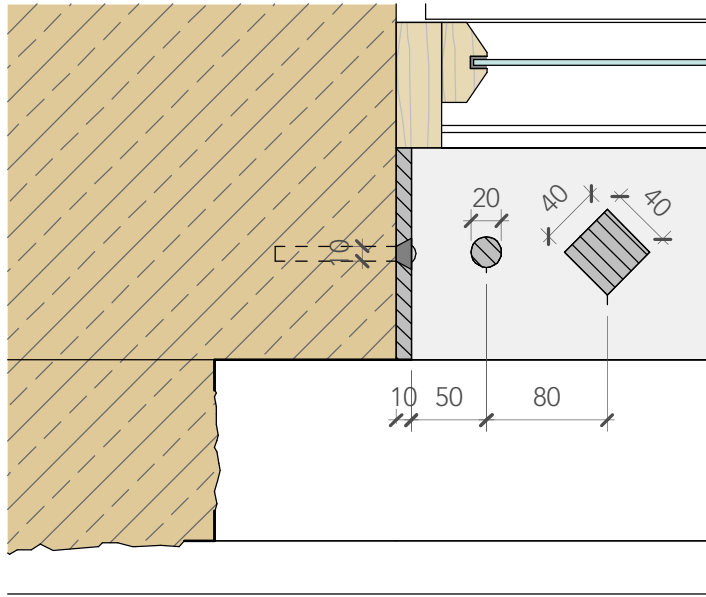
- Design derived from existing security bars implemented on Grade I listed building
- Specification is as provided by client's specialist manager, security and protection advisor to achieve LPS 1175 issue 7.2 (2014) SR4 or higher
- Alternating bars oversized to match existing
- Alternating bars terminate short of aperture sill/ head by 100mm to match existing detail
- NB The design intent is a cross between the two images to the left, the proposals are for bars to be set within a flat plate surround on all sides and bolted in position (to avoid building in).

Note:
Do Not Scale from this drawing.
Dimensions are to be checked on site.
If in doubt please ask.

GENERAL NOTES:
All construction shall be undertaken and completed in strict accordance with all drawings, specifications, statutory Building and Planning regulations, Health and Safety regulations, all relevant codes of practice requirements and manufacturers' recommendations and instructions.
Any discrepancies in constructional information should be reported immediately to the contract administrator prior to commencement of any work.

- For references and descriptions to work items, refer to separate **Architectural Specification 9518NBS** and **Architectural Restoration Specification document 9518RS**. Any works item is presented in numbered form.
- All dimensions must be checked on site before proceeding. Dimensions of new work are to be adjusted to suit the existing where necessary. Do not assume that the existing structure or details are plumb, square or level.
- Any discrepancies to be brought to the Architects attention as soon as possible.
- Plan is based on survey information provided by MAG, corrected as far as reasonably possible to align with pointcloud survey data. All measurements to be checked on site.
- The guarantee provided for the cavity drain membrane is for hydrostatic ground water pressures under normal site conditions and does not cover surface water flooding events.
- Waterproofing works to specialist suppliers design. Waterproofing information is design intent only - refer to specialist designer for further details.
- The following drawings are to be read in conjunction:
 - MAG-BUT-08-B2-DR-A-00-4001 - Proposed plan
 - MAG-BUT-08-B2-DR-A-00-1001 - Alterations plan
 - MAG-BUT-08-B2-DR-A-05-0001 - 5 - Internal elevations
 - MAG-BUT-08-B2-DR-A-00-6001 - Section details
 - MAG-BUT-08-B2-DR-A-06-6002 - GA Section
 - MAG-BUT-08-B2-DR-A-10-0001 - Waterproofing details
 - MAG-BUT-08-B2-DR-A-22-0001 - Wall types and tanking plan
 - MAG-BUT-08-B2-DR-A-22-0003 - Typical tanking details
 - MAG-BUT-08-B2-DR-A-31-0001 - Window proposals
 - MAG-BUT-08-B2-DR-A-32-7001 - Door elevations and schedule
 - MAG-BUT-08-B2-DR-A-32-7002 - Door details
 - MAG-BUT-08-B2-DR-A-35-4002 - Reflected Ceiling Plan
 - MAG-BUT-08-B2-DR-A-35-4003 - Ceiling details
 - MAG-BUT-08-B2-DR-A-40-0001 - Finishes plan

To be read in conjunction with the associated structural and MEP documentation for Work Package 8



7 Typical security bars plan detail

PO6	11/06/24	HB	For Planning and LBC
POS	07/05/24	HB	Stage 4 for acceptance
PO4	19/04/24	HB	Stage 4 for acceptance
PO3	28/03/24	SK	Stage 4 for design co-ordination
PO2	20/12/23	CH	SI design coordination
PO1	15/09/23	CH	Stage 3

Rev Date Intls Details

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Certified  **Corporation**

Project Title Manchester Art Gallery
Client Manchester City Council
Location Mosley St, Manchester M2 3JL

Drawing ref Art Store 2 Window Proposals

Date	11/06/2024 12:22:30	Scale	As indicated
Checker	EK	Size	A1
Job No:	9604	Status	Preliminary
Project Origin Volume Level Type Role Number Rev			
MAG-BUT-08-B2-DR-A-31-0001-P06			