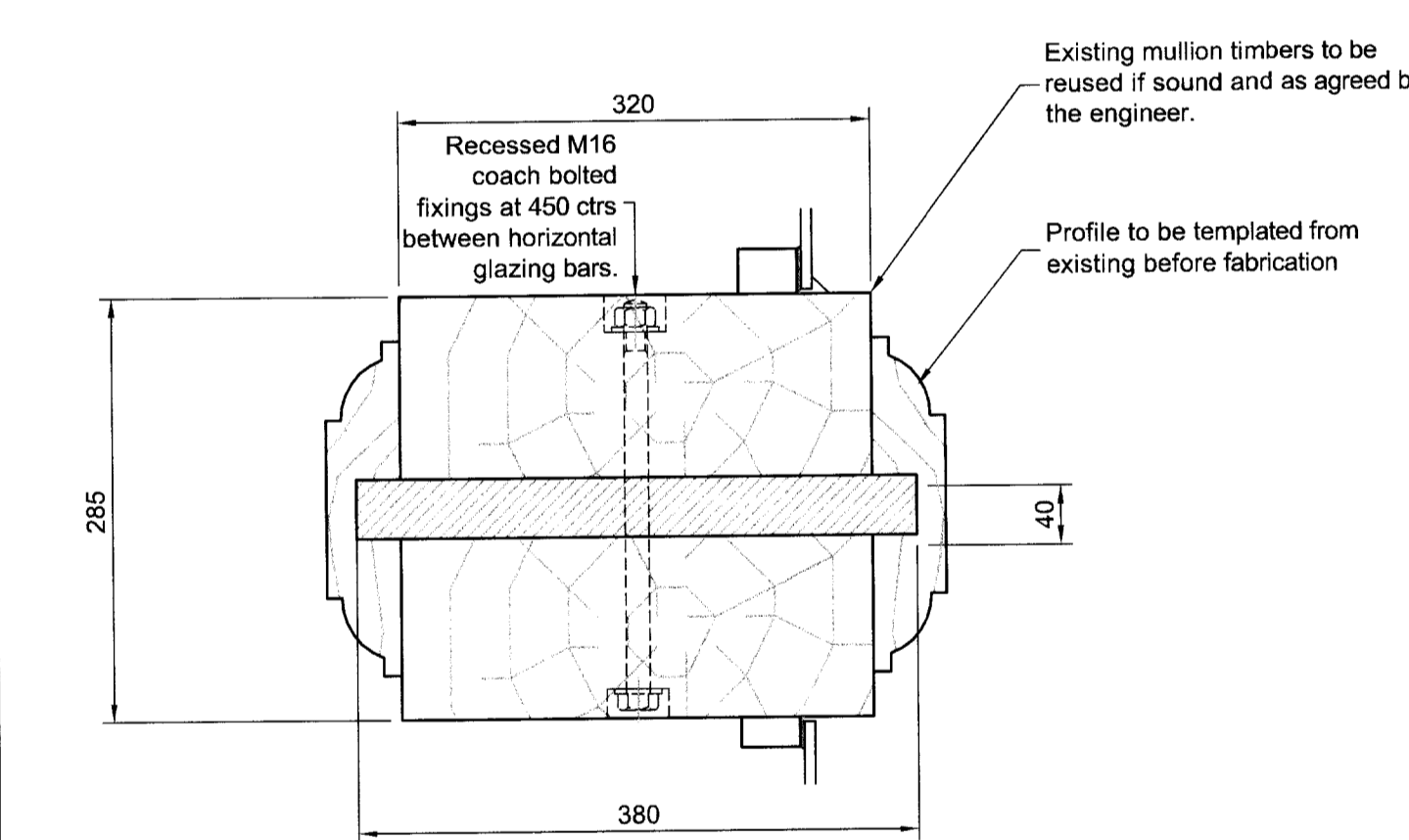
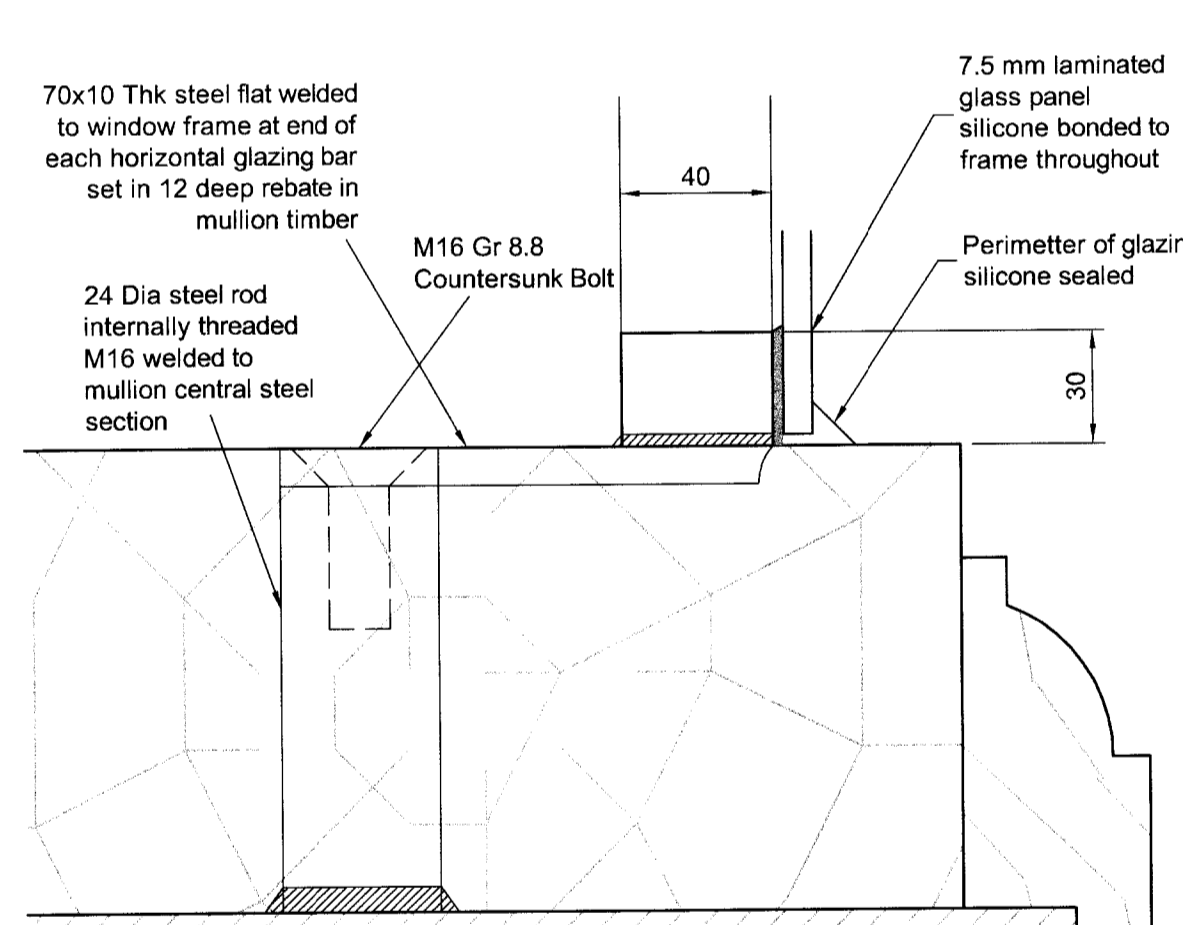


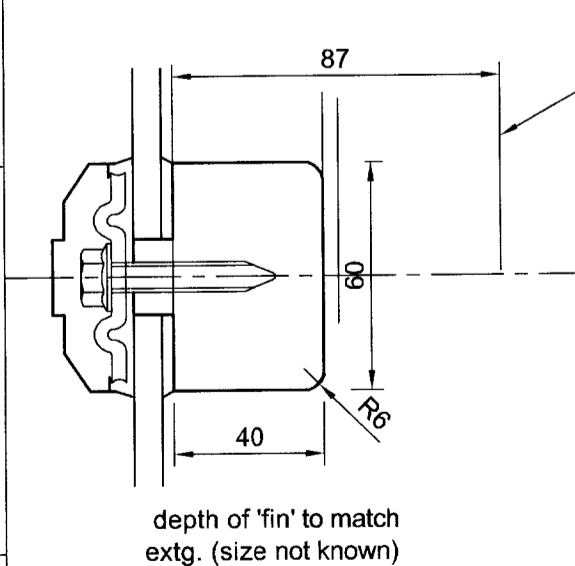
Elevation On South Facade Looking North
External Southern Concourse omitted for clarity
Scale 1:200



Section Through Proposed Mullion
Scale 1:5



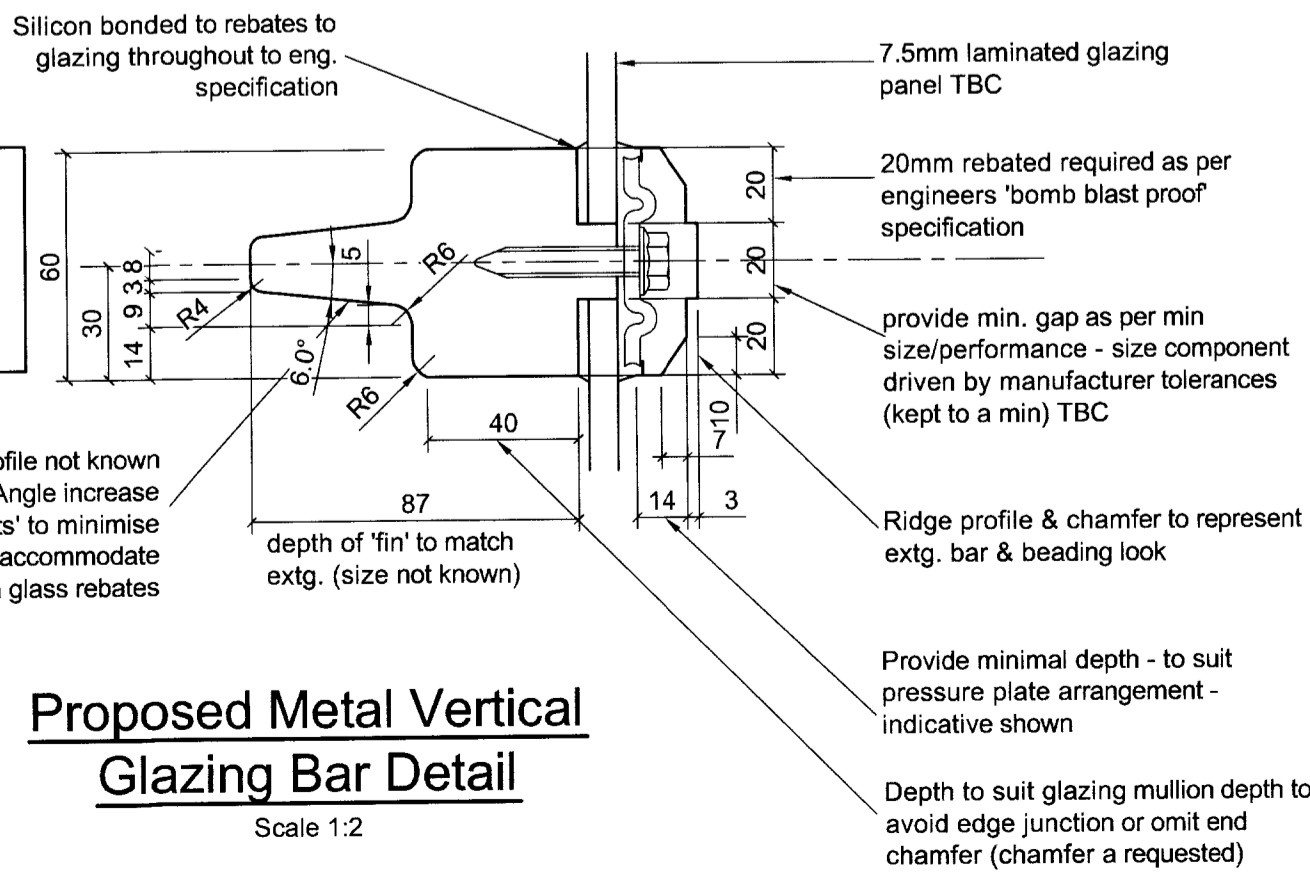
Proposed Glazing Bar to Mullion Connection Detail - Detail Occurs at end of all Horizontal Glazing Bars
Scale 1:2



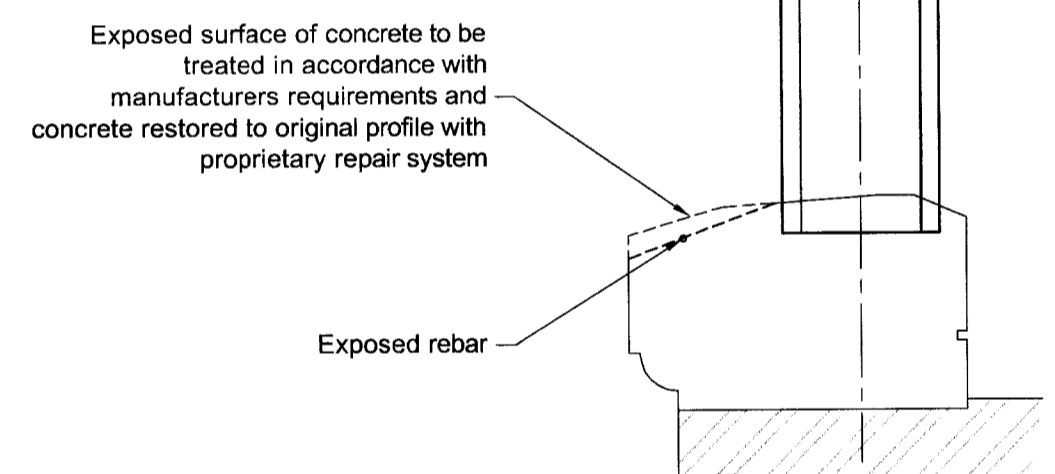
Proposed Metal Horizontal Glazing Bar Detail
Scale 1:2

Note!
All joints between proposed main glazing bars to be full strength.

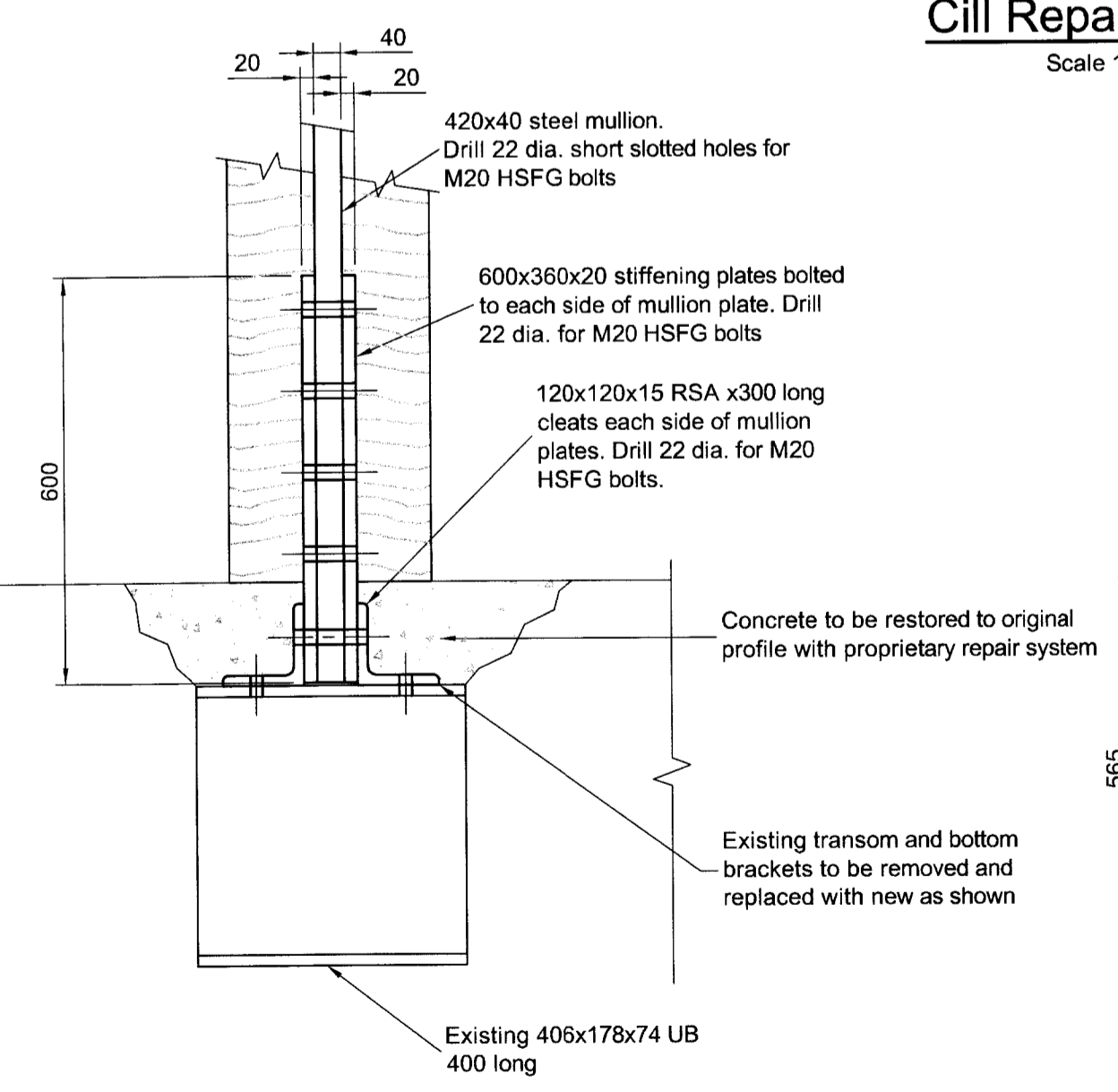
Angle of exiting profile not known (representational only). Angle increase helps retain minimal 'flats' to minimise overall width increase to accommodate bomb blast criteria from glass rebates



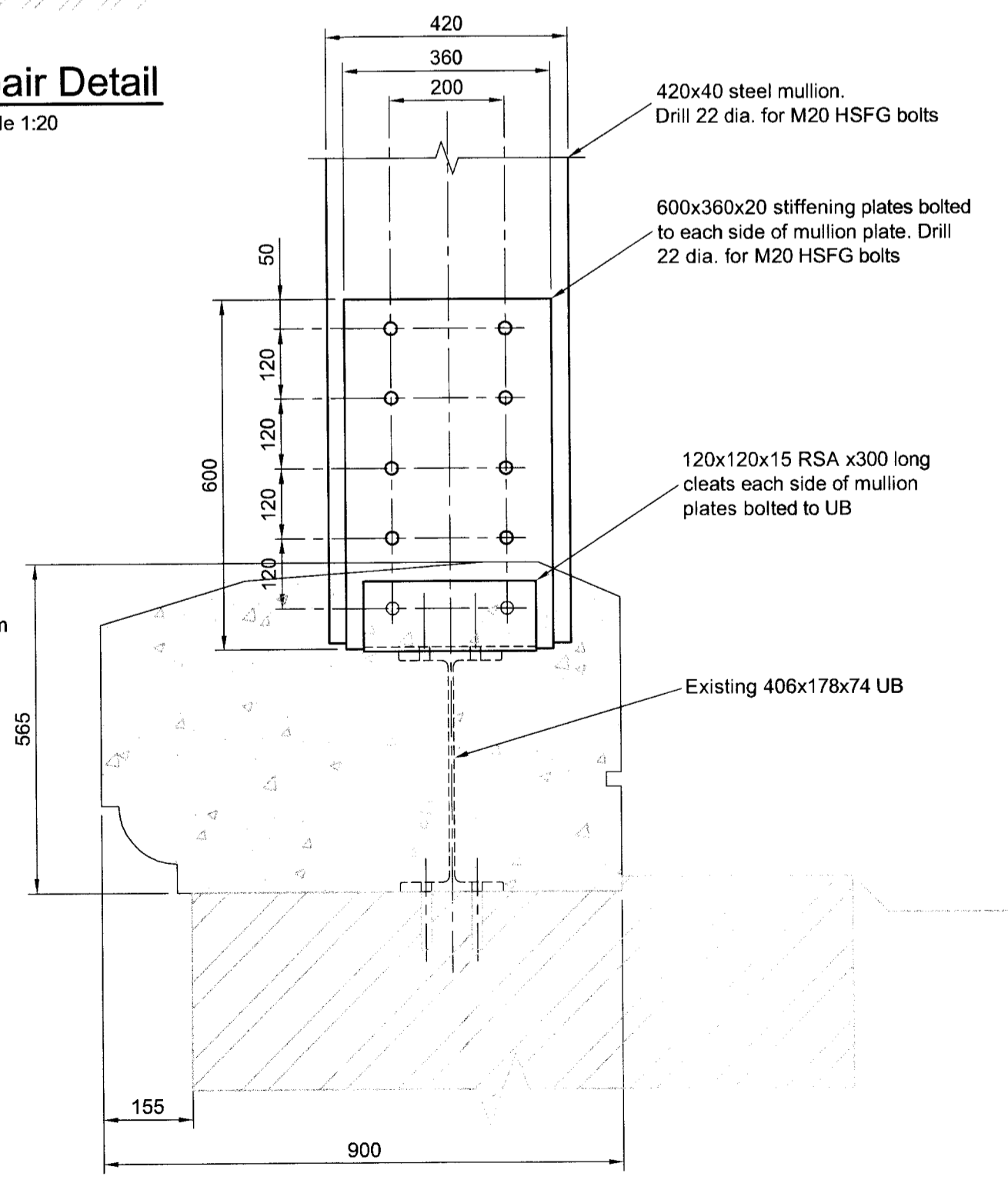
Proposed Metal Vertical Glazing Bar Detail
Scale 1:2



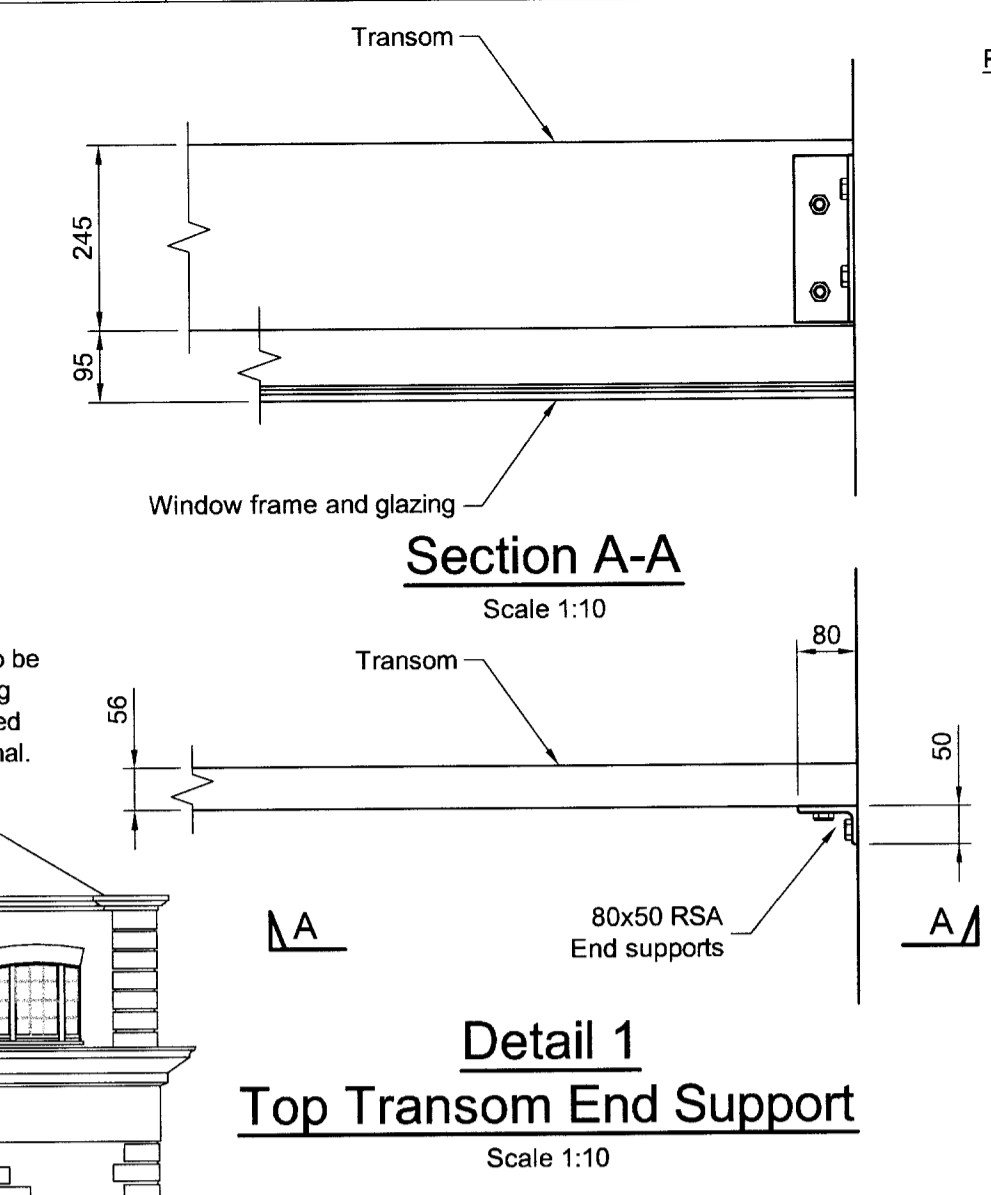
Cill Repair Detail
Scale 1:20



Section Through Mullion
Scale 1:10




Section Through Concrete Sill
Scale 1:10




Detail 1 Top Transom End Support
Scale 1:10

- Proposed works: Brickwork and Masonry**
- All existing exposed brickwork shall be cleaned in accordance with the specification.
 - Carry out detailed hands on inspection of existing brickwork to accurately record and quantify areas and extents of defects following cleaning.
 - To areas of defective brickwork, pointing or masonry, carry out remedial works in accordance with the specification.
 - For estimating purposes, it is envisaged that there will be the following works to be carried out:
 - 2m² of poorly matched brickwork to be cut out and replaced at each of 2 No. locations.
 - 6 No. open stepped fractures 2m long x 3mm wide, open joints to be raked out and reported.
 - 4m² of open joints to be raked out and reported at each of 10 No. locations.
 - 1m² of open joints to be raked out and reported at each of 10 No. locations.
 - 25 linear metres decorative rendering to the underside of the dwarf parapet to be broken out and replaced at each of 2 No. locations.
 - 25 linear metres of previously chased out copings to the top of the dwarf parapet to be repointed to match surrounding coping.
 - 2m² of spalled concrete sill to be patch repaired to match existing surrounding sill following requisite treatment of exposed reinforcement to each of 4 No. locations.
 - Repair render round clock face on 3 sides (allow 1 linear metre).
 - Repoint stepped diagonal crack above east door.
 - Mortar joints to decorative stones under clock tower to be raked out and repointed. 6 No. locations.
- Proposed works: Glazed Screens**
- All existing glazing and mesh screens to be removed.
 - All existing timber to mullions to be removed.
 - All existing previously timber encased steel uprights to mullions to be removed.
 - All existing timber and steel glazing bars to be removed.
 - Integrity of existing arched timber frame and timber sill to be determined. Where condition dictates, rotten timber is to be cut out and new spliced in. for estimating purposes it is envisaged that there will be 4 No. locations to the timber sill requiring attention each 500mm long. Additionally 2 No. locations shall require attention to the arched frame, each 500mm long. Prepare and repaint timber frame.
 - Fabricate and install new steel glazing bars throughout. Proposed steelwork and mullion uprights to be painted to system N1 with proposed glazing rebates masked following application of metal spray.
 - Supply and fix new timber cladding to existing vertical mullion steelwork.
 - Supply and fit new glazing panels to previously glazed areas. Supply and fit new mesh infill panels to top of screens.
 - Existing cast iron transoms to be removed, cleaned and repainted to system M20 and subsequently reinstated as existing.

- Notes**
- All dimensions in millimetres unless noted otherwise.
 - This drawing to be read in conjunction with drawing: - MSR-CSS-127: Existing elevation and defects
 - Refer to BDP drawings MSR-CAD-0682 to 0685.
 - The existing paint system may contain lead. As such the works to be carried out should be in accordance with the control of lead at work regulations (1998). Suitable air extraction filtration from the area of encapsulation shall be provided to ensure compliance with the occupational exposure limits.
 - All materials and workmanship shall be in accordance with the specification
 - It should be noted that removal of existing mullions may affect the stability of the existing arched frame or brick arch. Temporary works should be installed to provide support whilst mullions are missing.
- Any vegetation growing on the roof or masonry to be removed and masonry/roof repointed/made good in accordance with the specification

07	19/11/09	TG	AGW	LO
Revised to Comments.				
06	13/11/09	TG	AGW	LO
GLAZING BAR DETAILS REVISED.				
05	11/09/08	AGW	LO	GPH
Glazing bar to mullion connection added				
04	19/03/08	AGW	LO	GPH
Proposed mullion rev'd				
03	29/02/08	AGW	LO	GPH
Timber profile amended. Steel plate width increased. Top transom detail and bottom mullion added				
02	30/11/07	AGW	LO	GPH
For Construction Issue				
0.1	02/10/07	AGW	LO	GPH
For Tender Issue				
Issue	Date	By	Chkd	Appd
 corus				
BDP Building Design Partnership Architects, Designers and Engineers 15 Broadhouse Yard, Clerkenwell London EC2V 4LJ Tel: +44 (0)20 7812 8000 Fax: +44 (0)20 7812 8399 www.bdp.co.uk				
Railway Infrastructure Services PO Box 298 York YO1 6YH T: 01904 454600 F: 01904 454601				

Client



Job Title

**Kings Cross Station
Redevelopment Programme
Package 2**

Drawing Title

**South Facade
Proposed Works**

Scale at A1

As Shown

Discipline

Infrastructure

Drawing Status

For Construction

Job No	Drawing No	Issue
B40234	MSR-CSS-0180	07