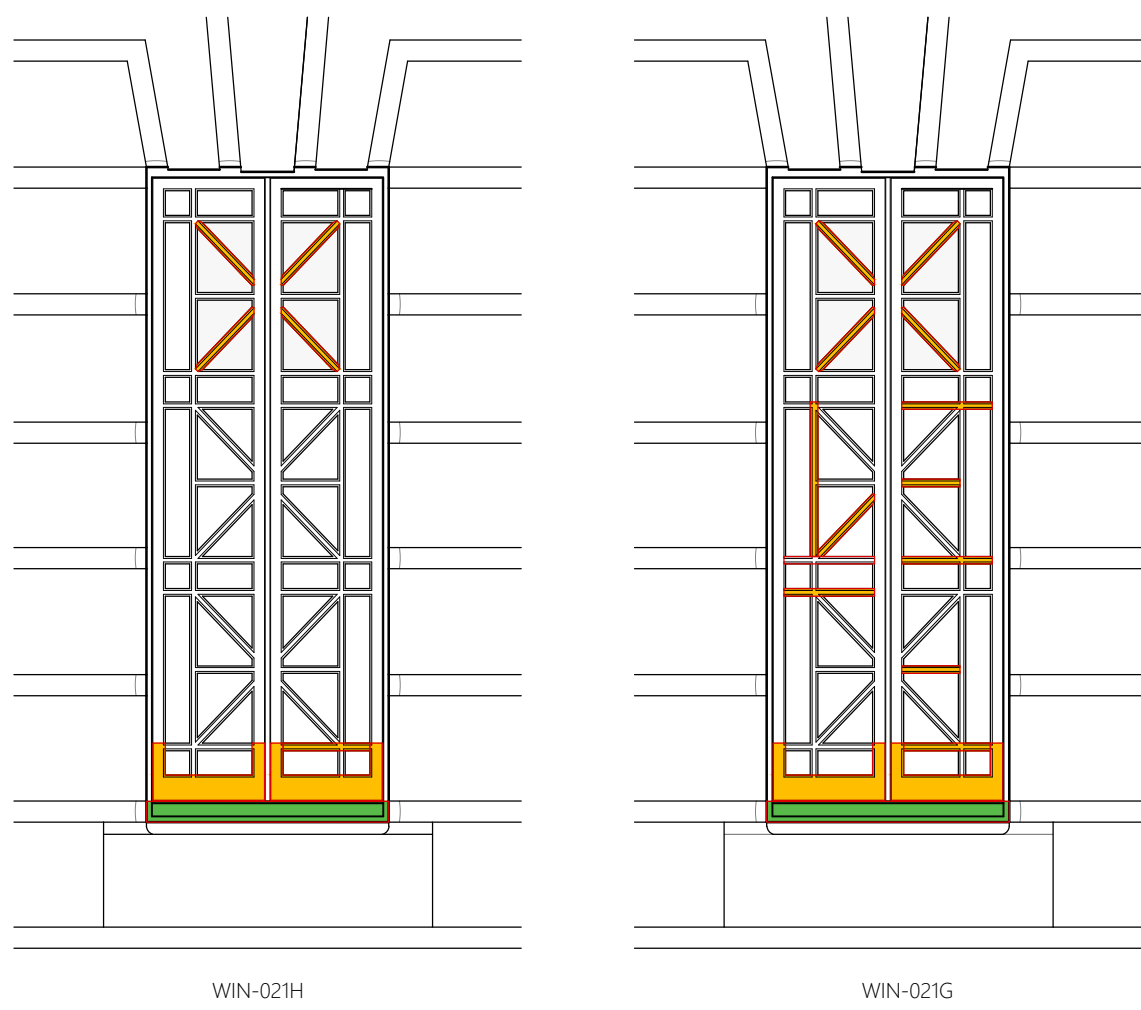
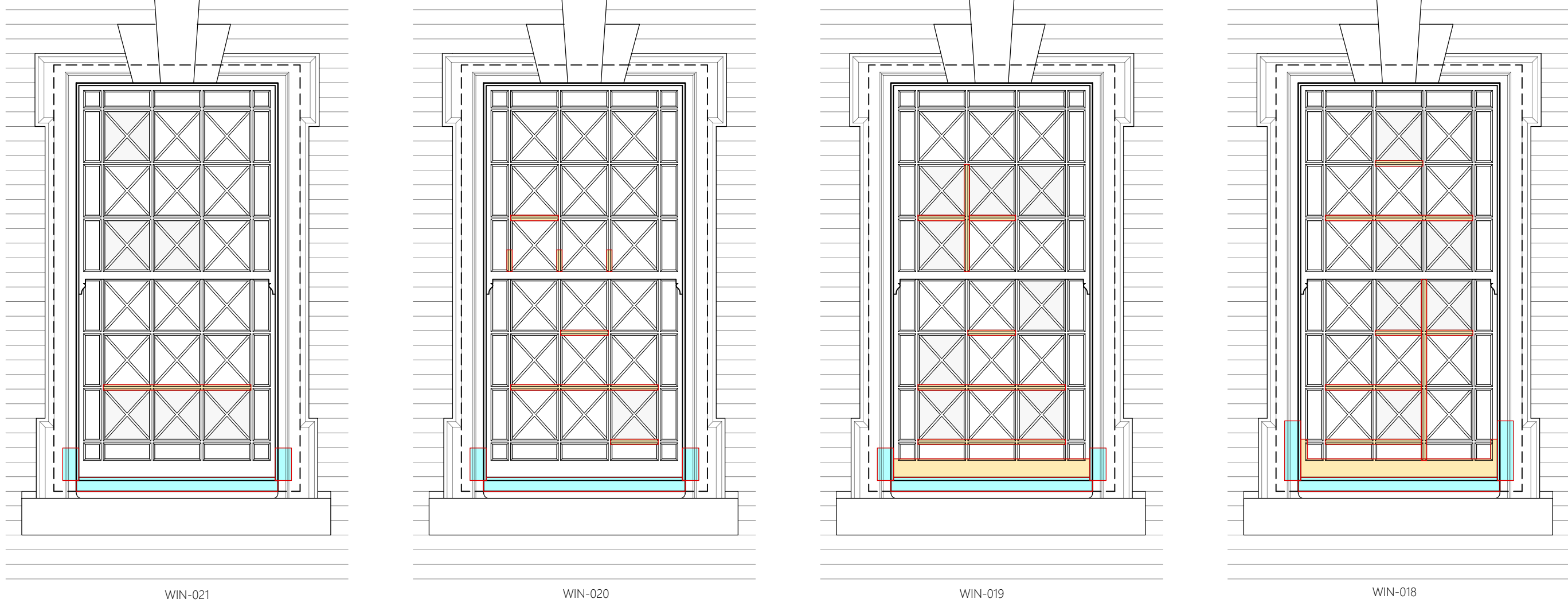


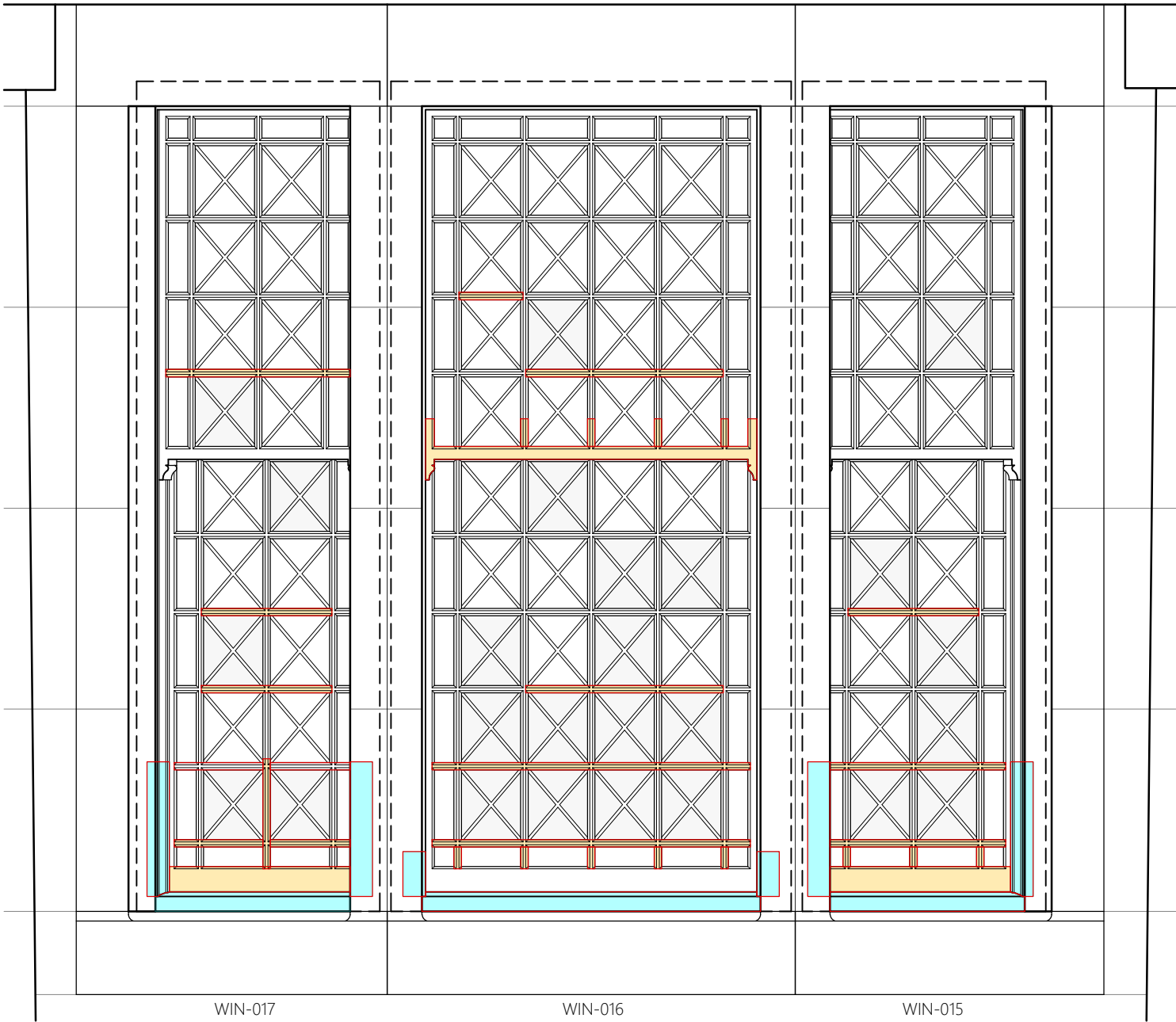
NORTH ELEVATION WINDOWS



EAST ELEVATION WINDOWS



EAST ELEVATION BAY WINDOW



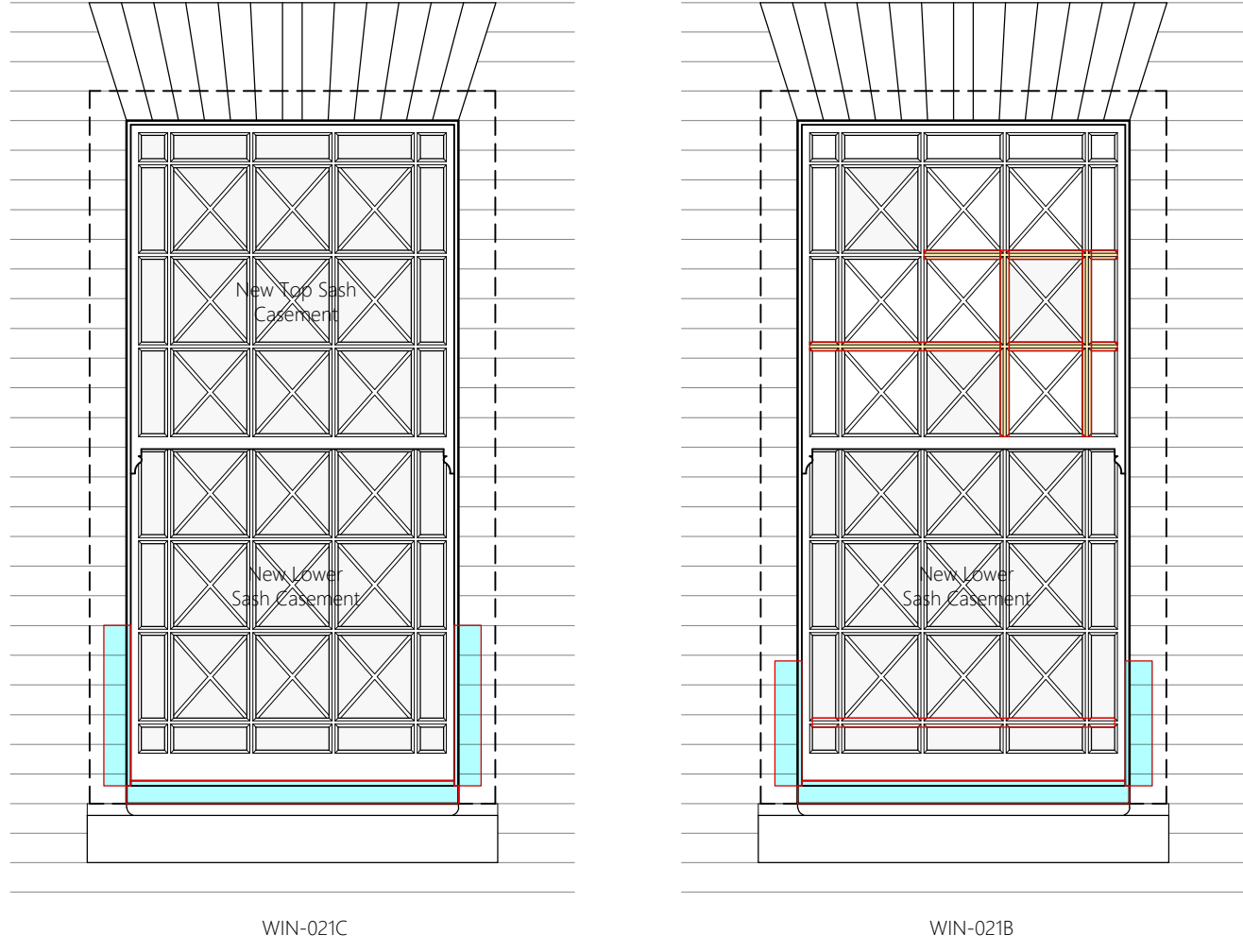
Schedule of Work to Casement Windows, North Elevation

WINDOW REF. / APPROX STRUCTURAL OPENING	WIN-021H 645 x 1730 (confirm on site)	WIN-021G 645 x 1730 (confirm on site)
Carefully soften putty to remove existing glass from opening casements as described. Undertake repairs to casements as noted below and reinstatement existing glass, supplemented with new 4mm obscure glass where necessary, putty glazed into rebates.	✓	✓
Carefully ease casements to fully assess condition and make operational again. Remove to workshop to undertake necessary works and reinstatement on completion.	✓	✓
Renew left casement complete. All dimensions and profiles to match originals.	N/A	N/A
Renew right casement complete. All dimensions and profiles to match originals.	N/A	N/A
Repair loose joints to casements as Detail 5, (LC / RC = left / right casement, LHS = left hand side, RHS = right hand side).	Allow 1 no. repair each casement.	Allow 1 no. repair each casement.
Repair base of stile to casements as Detail 6.	Allow 1 no. repair each casement.	Allow 1 no. repair each casement.
Repair bottom rail of casement as Detail 7, (LC / RC = left / right casement, C = complete renewal of rail).	N/A	N/A
Repair top rail of casement, (LC / RC = left / right casement, C = complete renewal of rail).	N/A	N/A
Cut out and renew complete defective timber cill to casement frame in Douglas Fir.	N/A	N/A
Cut out decayed outer section of cill to casement frame and insert Douglas Fir repair piece as Detail 8, full width.	✓	✓
Nominal section size 100x67mm.	✓	✓
Renew decayed sections of glazing bar mullions and transoms to casements as Detail 9, section size to match extg. Approx. extent of renewal indicated on elevation drawings, and splice in to surviving sound timber.	Extent as indicated on elevation	Extent as indicated on elevation
Prepare for redecoration by rubbing down with wet abrasive paper and redecorate inside and outside.	✓	✓
Carefully rake out existing pointing between casement frame and masonry, and renew seal all round, as Detail 2.	✓	✓
Supply and fix new polished brass ironmongery including hinges, fasteners, restrictors etc. Allow for fitting of additional ironmongery if advised by client (casement locks).	✓	✓
Renew glazing to casements in 4mm obscure glass, where indicated shaded on elevations.	Extent as indicated on elevation	Extent as indicated on elevation

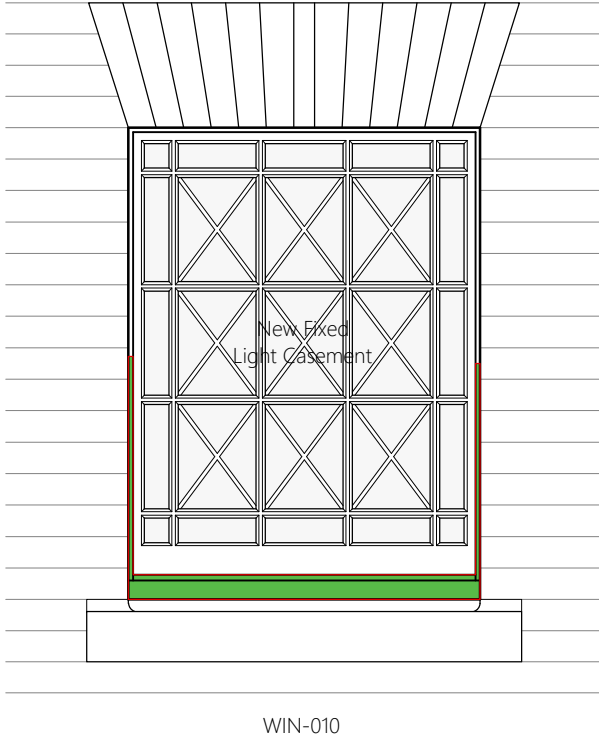
Schedule of Work to Sash Windows, East Elevation

WINDOW REF. / APPROX STRUCTURAL OPENING	WIN-021 930 x 1885 (confirm on site)	WIN-020 930 x 1885 (confirm on site)	WIN-019 930 x 1885 (confirm on site)	WIN-018 930 x 1885 (confirm on site)	WIN-017 830 x 2690 (confirm on site)	WIN-016 1130 x 2690 (confirm on site)	WIN-015 830 x 2690 (confirm on site)
Carefully remove baton rods and parting beads from sash boxes to facilitate removal of sash casements. Renew and refix parting beads and refix baton rods on completion of casement remedial works. (allow 20% renewal), and prepare for redecoration as specification. Allow for routing out to fit brush seals.	✓	✓	✓	✓	✓	✓	✓
Carefully soften putty to remove existing glass from sash casements as described in specification. Undertake repairs to casements as noted below and when repairs are complete reinstatement existing glass, supplemented with new 4mm clear float glass where necessary, putty glazed into rebate in casement.	✓	✓	✓	✓	✓	✓	✓
Renew bottom sash casement complete. Stile nominal 50x50mm, bottom rail 90x50mm, top / meeting rail 50x50mm, mullions 47x25mm. Check all dimensions and profiles and match originals prior to manufacture. Incorporate rebates to outer edges of stiles for brush seals.	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Renew top sash casement complete. Stiles and top rail nominal 50x50mm, bottom / meeting rail 42x60mm, mullions 47x25mm. Check all dimensions and profiles and match originals prior to manufacture. Incorporate rebates to outer edges of stiles for brush seals, and bottom (meeting) rail for spring seal.	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Repair loose joints to casements as Detail 5, (TC / BC = top / bottom casement, LHS = left hand side, RHS = right hand side).	Allow 1 no. repair each casement.	Allow 1 no. repair each casement.	Allow 1 no. repair each casement.	Allow 1 no. repair each casement.	Allow 1 no. repair each casement.	Allow 1 no. repair each casement.	Allow 1 no. repair each casement.
Repair base of stile to casements as Detail 6, (approx length of repair, TC / BC = top / bottom casement, LHS = left hand side, RHS = right hand side, BS = both sides).	Allow 1 no. repair bottom casement.	Allow 1 no. repair bottom casement.	Allow 1 no. repair bottom casement.	Allow 1 no. repair bottom casement.	Allow 1 no. repair bottom casement.	Allow 1 no. repair bottom casement.	Allow 1 no. repair bottom casement.
Repair bottom / meeting rail of sash casement as Detail 7, (approx length of repair, TC / BC = top / bottom casement, LHS = left hand side, RHS = right hand side, C = complete renewal of rail).	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Repair top / meeting rail of sash casement, (approx length of repair, TC / BC = top / bottom casement, LHS = left hand side, RHS = right hand side, C = complete renewal of rail).	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cut out and renew complete defective timber cill to sash window in Douglas Fir.	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cut out decayed outer section of cill to sash box frame and insert Douglas Fir repair piece as Detail 8, full width. Nominal section size 100x67mm.	✓	✓	✓	✓	✓	✓	✓
Renew decayed sections of glazing bar mullions and transoms to sash casements as Detail 9, section size 47x25mm to match extg. Approx. extent of renewal to each window as indicated on elevation drawings, and splice in to surviving sound timber as detail.	Extent as indicated on elevation	Extent as indicated on elevation	Extent as indicated on elevation	Extent as indicated on elevation	Extent as indicated on elevation	Extent as indicated on elevation	Extent as indicated on elevation
Renew decayed sections of sash box outer lining, as Detail 4, (approx length of repair, LHS = left hand side, RHS = right hand side, tick = lengths to correspond to renewal of pulley stiles).	Approx 150mm both sides	Approx 150mm both sides	Approx 150mm both sides	Approx 150mm both sides	Approx 150mm both sides	Approx 150mm both sides	Approx 150mm both sides
Renew decayed section of pulley stile base, as Detail 3, (approx length of repair, LHS = left hand side, RHS = right hand side).	Complete both sides	Complete both sides	Complete both sides	Complete both sides	Complete both sides	Complete both sides	Complete both sides
Renew parting bead, (approx length of repair, LHS = left hand side, RHS = right hand side, C = complete renewal both sides) including fitting brush seal.	Complete both sides	Complete both sides	Complete both sides	Complete both sides	Complete both sides	Complete both sides	Complete both sides
Remove and refix weight pocket covers, (RLHS = renew left hand side RRHS = renew right hand side, tick means reuse extg).	Renew both sides	Renew both sides	Renew both sides	Renew both sides	Renew both sides	Renew both sides	Renew both sides
Prepare for redecoration by rubbing down with wet abrasive paper and redecorate inside and outside in accordance with specification.	✓	✓	✓	✓	✓	✓	✓
Carefully rake out existing pointing between outer lining of sash box frame / cill and masonry, including rope backing, and renew seal between window frame and masonry all round, as Detail 1.	✓	✓	✓	✓	✓	✓	✓
Supply and fix sealing kits (brush seals and spring seals as noted above) and new polished brass ironmongery including Fitch Fasteners, sash lifts (2 no. to bottom casement) and pulleys (noted elsewhere). Allow for fitting of additional ironmongery if advised by client (restrictors, casement locks).	✓	✓	✓	✓	✓	✓	✓
Prior to decoration fix top casement shut and check operation of lower casement. Renew sash cords, weights and pulleys where necessary.	✓	✓	✓	✓	✓	✓	✓
Renew glazing to sash casements in 4mm clear float glass to perimeter margins, and 4mm clear float glass in lead comes to main glazed area. Complete to new casements, as indicated shaded on elevations elsewhere.	Extent as indicated on elevation	Extent as indicated on elevation	Extent as indicated on elevation	Extent as indicated on elevation	Extent as indicated on elevation	Extent as indicated on elevation	Extent as indicated on elevation

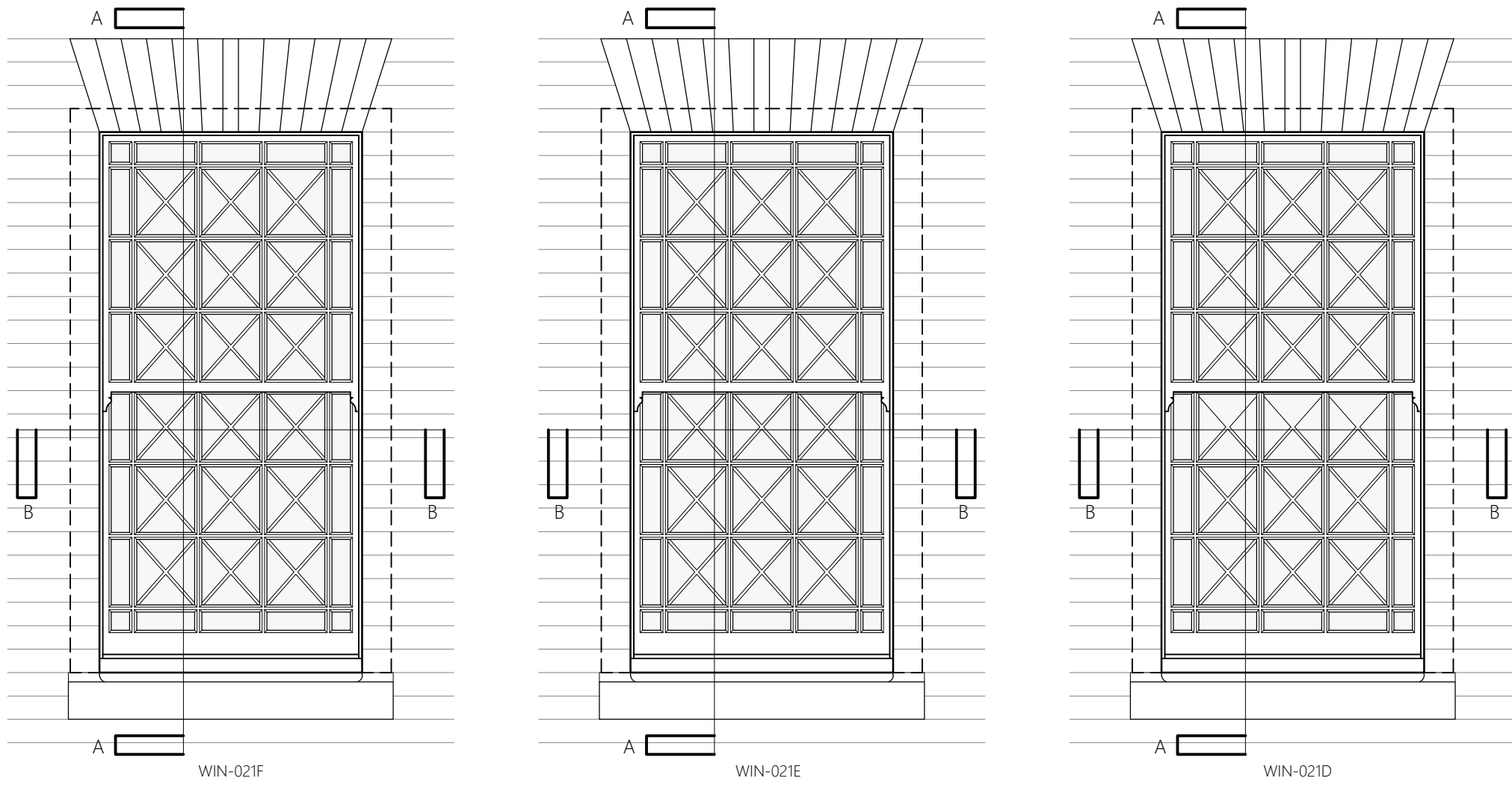
WEST ELEVATION (II) WINDOWS



WEST ELEVATION (III) WINDOW



NORTH-WEST ELEVATION WINDOWS



Schedule of Work to Sash Windows, West Elevation

WINDOW REF. / APPROX STRUCTURAL OPENING	WIN-021C 930 x 1915 (confirm on site)	WIN-021B 930 x 1915 (confirm on site)	WIN-021A 930 x 1915 (confirm on site)
Carefully remove baton rods and parting beads from sash boxes to facilitate removal of sash casements. Renew and refix parting beads and refix baton rods on completion of casement remedial works. (allow 20% renewal), and prepare for redecoration as specification. Allow for routing out to fit brush seals.	✓	✓	✓
Carefully soften putty to remove existing glass from sash casements as described in specification. Undertake repairs to casements as noted below and when repairs are complete reinstatement existing glass, supplemented with new 4mm clear float glass where necessary, putty glazed into rebate in casement.	✓	✓	✓
Renew bottom sash casement complete. Stile nominal 50x50mm, bottom rail 90x50mm, top / meeting rail 50x50mm, mullions 47x25mm. Check all dimensions and profiles and match originals prior to manufacture. Incorporate rebates to outer edges of stiles for brush seals.	✓	N/A	N/A
Renew top sash casement complete. Stiles and top rail nominal 50x50mm, bottom / meeting rail 42x60mm, mullions 47x25mm. Check all dimensions and profiles and match originals prior to manufacture. Incorporate rebates to outer edges of stiles for brush seals, and bottom (meeting) rail for spring seal.	✓	✓	N/A
Repair loose joints to casements as Detail 5, (TC / BC = top / bottom casement, LHS = left hand side, RHS = right hand side).	Allow 1 no. repair each casement.	Allow 1 no. repair each casement.	Allow 1 no. repair each casement.
Repair base of stile to casements as Detail 6, (approx length of repair, TC / BC = top / bottom casement, LHS = left hand side, RHS = right hand side, BS = both sides).	Allow 1 no. repair bottom casement.	Allow 1 no. repair bottom casement.	Allow 1 no. repair bottom casement.
Repair bottom / meeting rail of sash casement as Detail 7, (approx length of repair, TC / BC = top / bottom casement, LHS = left hand side, RHS = right hand side, C = complete renewal of rail).	N/A	N/A	Complete, both casements
Repair top / meeting rail of sash casement, (approx length of repair, TC / BC = top / bottom casement, LHS = left hand side, RHS = right hand side, C = complete renewal of rail).	N/A	N/A	N/A
Cut out and renew complete defective timber cill to sash window in Douglas Fir.	N/A	N/A	N/A
Cut out decayed outer section of cill to sash box frame and insert Douglas Fir repair piece as Detail 8, full width. Nominal section size 100x67mm.	✓	✓	✓
Renew decayed sections of glazing bar mullions and transoms to sash casements as Detail 9, section size 47x25mm to match extg. Approx. extent of renewal to each window as indicated on elevation drawings, and splice in to surviving sound timber as detail.	Extent as indicated on elevation	Extent as indicated on elevation	Extent as indicated on elevation
Renew decayed sections of sash box outer lining, as Detail 4, (approx length of repair, LHS = left hand side, RHS = right hand side, tick = lengths to correspond to renewal of pulley stiles).	Approx 450mm both sides	Approx 350mm both sides	Approx 450mm both sides
Renew decayed section of pulley stile base, as Detail 3, (approx length of repair, LHS = left hand side, RHS = right hand side).	Complete both sides	Complete both sides	Complete both sides
Renew parting bead, (approx length of repair, LHS = left hand side, RHS = right hand side, C = complete renewal both sides) including fitting brush seal.	Complete both sides	Complete both sides	Complete both sides
Remove and refix weight pocket covers, (RLHS = renew left hand side RRHS = renew right hand side, tick means reuse extg).	Renew both sides	Renew both sides	Renew both sides
Prepare for redecoration by rubbing down with wet abrasive paper and redecorate inside and outside in accordance with specification.	✓	✓	✓
Carefully rake out existing pointing between outer lining of sash box frame / cill and masonry, including rope backing, and renew seal between window frame and masonry all round, as Detail 1.	✓	✓	✓
Supply and fix sealing kits (brush seals and spring seals as noted above) and new polished brass ironmongery including Fitch Fasteners, sash lifts (2 no. to bottom casement) and pulleys (noted elsewhere). Allow for fitting of additional ironmongery if advised by client (restrictors, casement locks).	✓	✓	✓
Prior to decoration fix top casement shut and check operation of lower casement. Renew sash cords, weights and pulleys where necessary.	✓	✓	✓
Renew glazing to sash casements in 4mm clear float glass to perimeter margins, and 4mm clear float glass in lead comes to main glazed area. Complete to new casements, as indicated shaded on elevations elsewhere.	Renew complete to both casements	BC complete, TC as indicated	Extent as indicated on elevation

Schedule of Work to Casement Window, West Elevation

WINDOW REF. / APPROX STRUCTURAL OPENING	WIN-010 930 x 1250 (confirm on site)
Carefully ease casement to fully assess condition and make operational again. Remove to workshop to undertake necessary works and reinstatement on completion.	✓
Renew casement complete. All dimensions and profiles to match originals (and lower casements to sash windows).	✓
Cut out and renew complete defective timber cill to casement frame in Douglas Fir.	N/A
Cut out decayed outer section of cill to casement frame and insert Douglas Fir repair piece as Detail 8, full width. Nominal section size 100x67mm.	✓
Renew decayed lower sections of stiles to reveals of casement frame (equivalent of 'pulley stile' to sash box), section size to match extg. Approx. extent of renewal indicated on elevation drawings, and splice in to surviving sound timber.	Approx. 350mm both sides
Renew decayed sections of perimeter beading to reveals of casement frame (equivalent of 'outer lining' to sash box), section size to match extg. Approx. extent of renewal indicated on elevation drawings, and splice in to surviving sound timber.	Approx. 575mm both sides
Prepare for redecoration by rubbing down with wet abrasive paper and redecorate inside and outside as specification.	✓
Carefully rake out existing pointing between casement frame and masonry, and renew seal all round, as Detail 2.	✓
Client to advise whether casement is to be operational (lower door to assume fixed shut). If opening is required consider means of operation and supply and fix new polished brass ironmongery including hinges, fasteners, restrictors etc.	✓
Fit 4mm clear float glass to perimeter margins of casement, and 4mm clear float glass in lead comes to main glazed area.	Renew complete

New Sash Windows, North West Elevation

REF: WIN-021F, WIN-021E, WIN-021D | APPROX S/O: 930 x 1915mm

Carefully remove existing sash casements and box frames from structural openings, including quarter cove mouldings and plaster to internal reveals as necessary. Soften putty to allow removal of any sound glass for use as replacement elsewhere and cart away remainder of glass, casements and box frame.

Supply and fix new vertically sliding sash windows to match existing, as detailed 'Section Detail A - A Through New Sash Window' and 'Plan Detail B - B Through Bottom Casement of New Sash Window, Drawing No. 2141 / FR 017'. Glaze with 4mm clear float glass to perimeter margins of casements with 4mm clear float glass in lead comes to the main area of the casements. Reinstall existing structural openings, seal to masonry and decorate, and allow for making good plaster to reveals and renewal of cill board and quarter cove mouldings internally.

LEGEND:

- Approximate extent of decayed timber to sash casements to be cut out and renewed in matching species / profiles (approx. component sizes as noted in schedules). Splice / join to surviving sound timber as detailed on drawing 2141 / FR 018.
- Approximate extent of decayed timber to box frames and cills of sash windows to be cut out and renewed in matching species / profiles (approx. component sizes as noted in schedules). Splice / join to surviving sound timber as detailed on drawing 2141 / FR 018.
- Approximate extent of decayed / missing timber to opening lights of casement windows to be cut out and renewed in matching species / profiles (approx. component sizes as noted in schedules). Splice / join to surviving sound timber as detailed on drawing 2141 / FR 018.
- Approximate extent of decayed timber to frames and cills of casement windows to be cut out and renewed in matching species / profiles (approx. component sizes as noted in schedules). Splice / join to surviving sound timber as detailed on drawing 2141 / FR 018.
- Extent of ill matching / defective glass in the casements of box sash and casement windows to be replaced in 4mm clear float / obscured glass as noted in the Schedules. Putty glaze to casement frames / glazing bars as existing.

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Contract	Open Libraries Development	Proposed Works to Windows: Elevations and Schedules
Client	Manchester City Council	Contract No. 2141 Drawn FDS Drawing No. FR 017
Buiding / Structure	Chorlton District Library, Chorlton-cum-Hardy	Date June 2022 Revision - Scale Various @ A1
KEPCZYK PEARCE SANDERSON ARCHITECTS, SURVEYORS & HISTORIC BUILDING CONSULTANTS		Address: 75 Wimslow Road, Handforth, Cheshire SK9 3EN Tel: 01625 400103