

Window Types

Window types are colour coded on the attached elevations, with colour as window types below. Additionally the complete window schedule has been submitted showing for information.

W-XX-00

Window Types 01, 02 & 03

Window types 01 and 02 make up the majority of windows and are existing crittall windows that are to be refurbished as the submitted method statement ALT-803. The dimensions and finish colour vary, but the windows are to remain as existing and repainted in finishes to match existing.

W-XX-00

Window Types 04, 05 & 06

Window types 04, 05 & 06 are existing crittall windows that are to be refurbished as types 01, 02 & 03. However, additional secondary glazing has been introduced internally. For the Assembly Hall and Council Chambers this is for acoustic reasons for other windows, secondary glazing has been introduced to stop fire between compartmentations as required in the fire strategy.

W-XX-00

Window Types 07 & 08

Window types 07 and 08 are new steel crittall windows, which are to match the existing window types in terms of form, aesthetics and construction with matching ironmongery. They have been introduced where the building has been extended such as the Level 2 East Wing extension and as shown within the approved scheme. Manufactures drawings have been included on the following pages.

W-XX-00

Window Types 09

New timber windows to match the design and style of the existing garage doors with glazing replacing the recessed panels.

Existing and New Steel Casement Windows

Crittall Windows - Types 01-08

While all the windows are of the same design principles, there are two variations of colours in the original windows which have been matched in the newly constructed windows. Windows in key locations such as the Committee Rooms, Assembly Hall, Council Chamber and those facing onto the Town Hall Square have a bronze finish. In contrast the remaining windows are painted white. All refurbished windows are to be refurbished to match the original colour finish. This principle has also been followed through in the new windows, with new door/windows facing onto the Town Hall Gardens finished in bronze and those on façades with white Crittall windows finished in white to match.



A sample has been approved on site for the refurbishment of the committee room windows, this includes the bronze paint (pictured left). Following approval on site this paint has been used for all the refurbished windows which were originally bronze colour finished. Similarly three samples were presented internally, the sprayed paint sample highlighted below was approved and used on all windows originally bronze.



Typical new crittall windows (as part of East Block Extension shown left), Window type 07 & 08)

Refurbished Crittall Window (Window type 01, 02 & 03)



Typical existing refurbished crittall window type 02, bronze finish.

Bronze Crittall Windows



New crittall window/door with matching finish to refurbished windows.



Typical existing refurbished crittall window white paint finish.

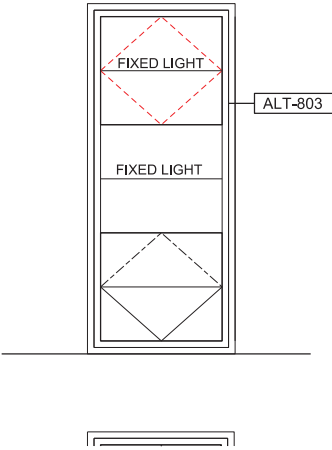
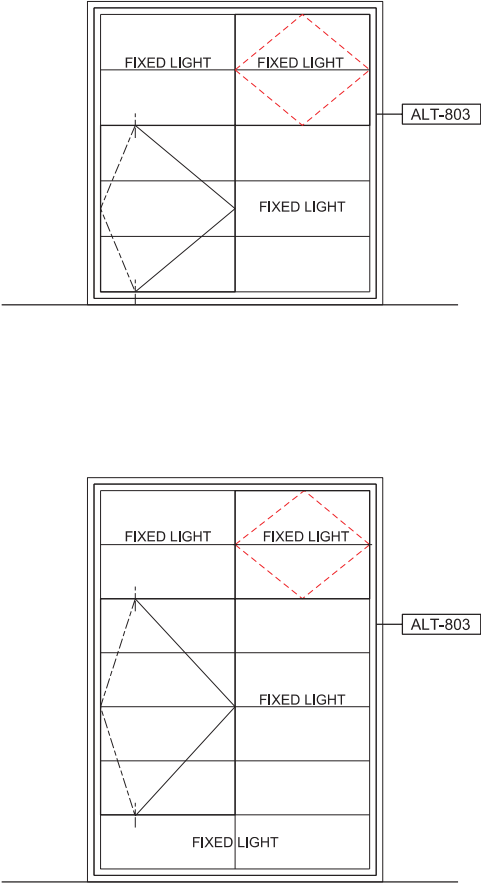
White Crittall Windows



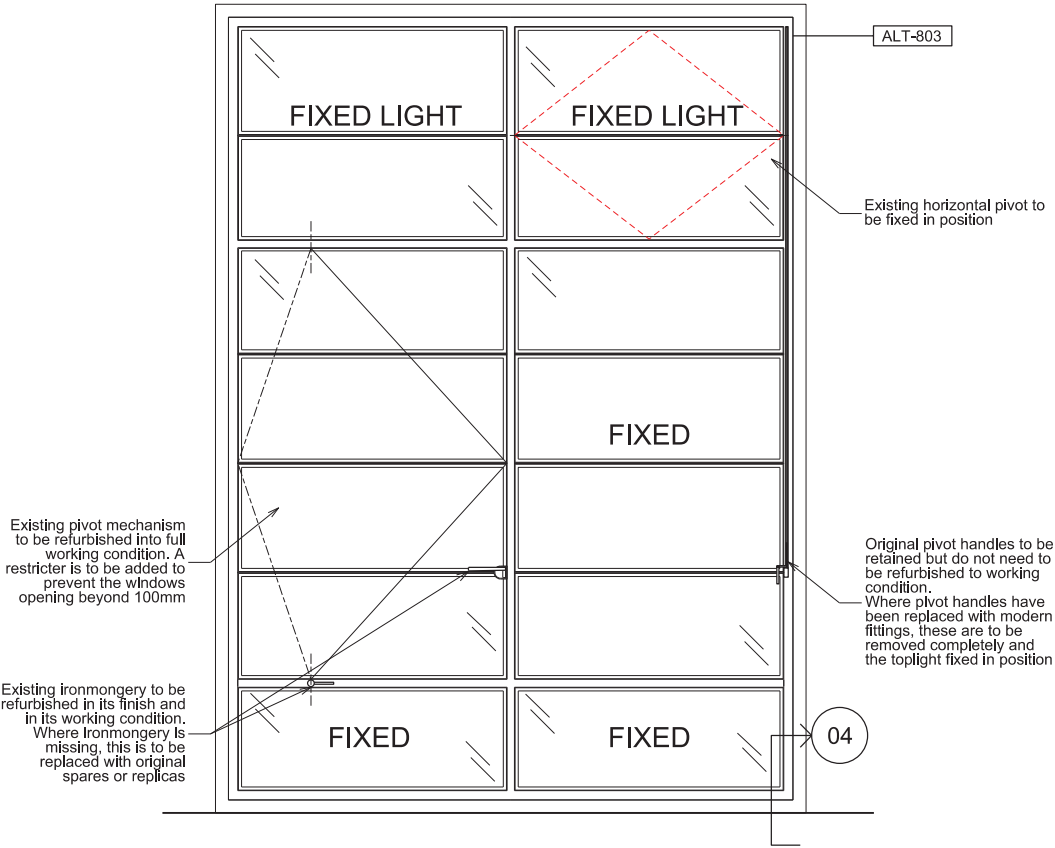
New crittall window/door with matching finish to refurbished windows.

Existing Crittall Windows
Types 01-06

To be read in conjunction with detailed
method statement ALT-803

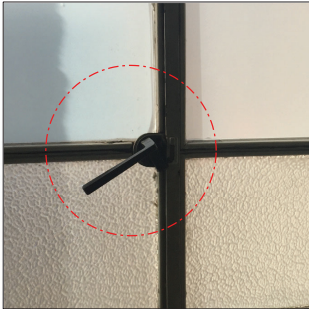


01 Typical window opening types
1:20

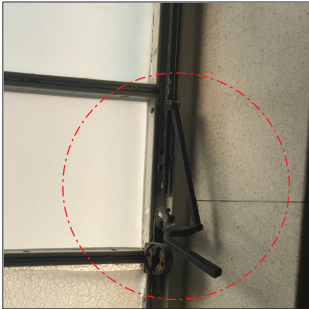


02 Typical existing window to refurbish
1:10

Existing to be retained



Original lever handle



Original pivot handle



Original latch



Existing to be removed



Non-original pivot handle



Non-original pivot handle



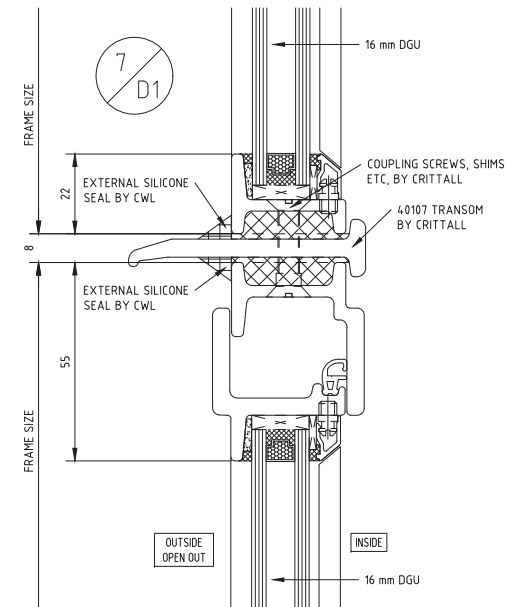
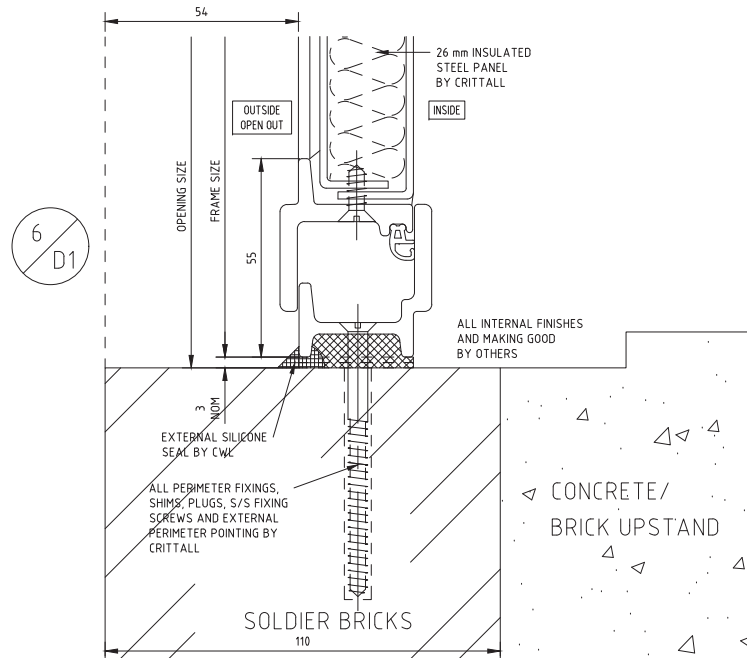
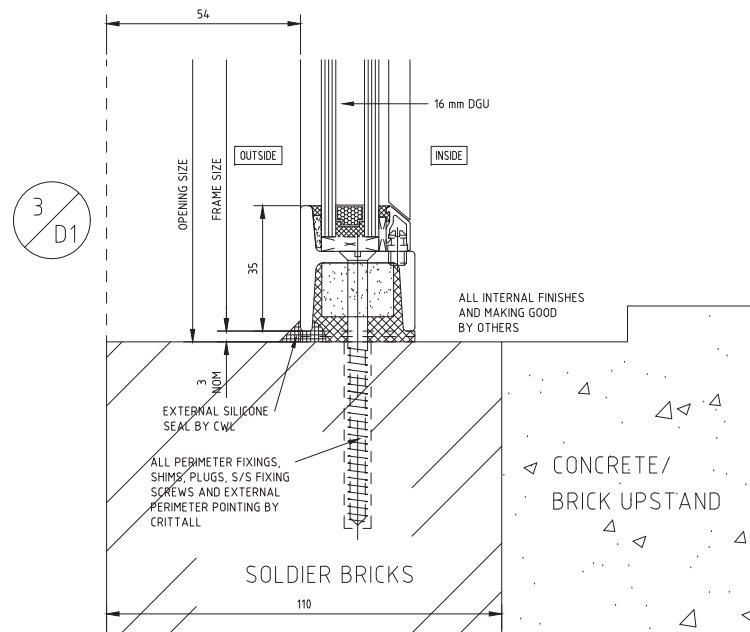
Non-original pivot handle



03 Photographs of existing window hardware
NTS

OUTSIDE ELEVATIONS - DO NOT SCALE

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- | | |
|---|---|
|  | EXTERNAL POINTING BY CRITTALL/OTHERS |
|  | — — — PLUGS BY CRITTALL
HOLES BY GENERAL CONTRACTOR/CRITTALL |
|  | POLYURETHANE FOAM INFILL BY CRITTALL |
|  | POLYURETHANE FOAM/WATERPROOF INFILL
NOT WITHIN CRITTALL SCOPE OF WORKS |
|  | BRICKWORK ETC TO BE FLUSH-POINTED 12mm
FORWARD OF EXTERNAL FACE OF WINDOWS |
|  | DETAIL NUMBER |
|  | DRAWING NUMBER |

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TITLE	HORNSEY TOWN HALL, THE BROADWAY, LONDON, N8 9JJ
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CONTRACTOR	ARDMORE CONSTRUCTION, 6 WHARF STUDIOS, 28 WHARF ROAD, LONDON, N1 7GR
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ARCHITECT	MAKE, 32 CLEVELAND STREET, LONDON, W1T 4JY
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DRAWN PETRU ALBU	DATE MAY 2021
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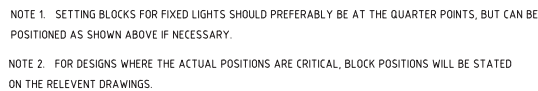
CHECKED	SCALE AT A1 1:1	
DRAWING NUMBER	SHEET NUMBER	ITEMS

9727G2B	D1	
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[illegible]

DETAILED BY	DATE	DIST
FINISH		

RECOMMENDED POSITIONS OF SETTING & LOCATION BLOCKS FOR THE SITE GLAZING OF SOME TYPES OF SURROUNDS



- 1) ARRANGE SETTING BLOCKS IN ACCORDANCE WITH BS 6262
- 2) APPLY FOAM TAPE TO THE GLAZING NIB AS PER STANDARD GLAZING INSTRUCTIONS
- 3) POSITION THE GLASS UNIT ONTO THE SETTING BLOCKS AND PRESS FIRMLY ONTO THE GLAZING TAPE
- 4) ARRANGE LOCATION BLOCKS IN ACCORDANCE WITH BS 6262
- 5) SNAP THE BEAD OVER THE STUDS AND SILICONE CAP INSIDE AND OUT IN THE USUAL WAY. TIGHT BEADS ARE TO BE FILED TO FIT ON SITE. USE SPACERS AT BEAD JUNCTIONS TO ENSURE BEAD CORNERS ARE FLUSH

SECTION- - ROLLED STEEL W20 SECTIONS FIXED LIGHTS AND VENTS. ALL SHOWN.
- 29 mm GENUINE STEEL GLAZING BARS WITH FENESTRA CRUCIFORM ALL AS SHOWN.
- COLD FORMED SYSTEM JANSEN ECO 60 PROFILE FD60 FIRE RATED.
- 65 mm GENUINE GLAZING BARS ALL AS SHOWN.

PRESSED METAL- - N/A

FINISH-
- W20 - HOT DIPPED GALVANISED AND POLYESTER POWDER COATED TO A THICKNESS OF AT LEAST 60 MICRONS.
TOWN HALL SQ (D-G-25, D-G-26, D-G-27, D-G-28):
RAL - 1035
COLOUR - PEARL BEIGE
GLOSS - MATT FINISH
REMAINING:
RAL - 9010
COLOUR - PURE WHITE
GLOSS - MATT FINISH
- COLD FORMED ITEM 16 - SHOT BLASTING, PRE-CLEAN TREATMENT AND CORROSION PROTECTION WITH EPOXY ZINC PRIMER POST FABRICATION AND POWDER COATED TO A THICKNESS OF AT LEAST 60 MICRONS.
RAL - 9010
COLOUR - PURE WHITE
GLOSS - MATT FINISH (LEVEL 30% ±5%)

GLASS/GLAZING- - W20 FRAMES:
- GLAZING BY CWL TO BE 16 mm DGU COMPRISING:
GL1 - 16 mm ANNEALED GLASS - DENOTED ON ELEVATIONS AS GL1:
- OUTER - 4 mm GUARDIAN EXTRA CLEAR ANNEALED
- CAVITY - 8 mm KRYPTON FILLED CAVITY WITH BLACK SPACER
- INNER - 4 mm GUARDIAN CLIMAGUARD A11 SOFT COAT LOW-E ANNEALED
GL2 - 16 mm TOUGHENED GLASS - DENOTED ON ELEVATIONS AS GL2:
- OUTER - 4 mm GUARDIAN EXTRA CLEAR TOUGHENED
- CAVITY - 8 mm KRYPTON FILLED CAVITY WITH BLACK SPACER
- INNER - 4 mm GUARDIAN CLIMAGUARD A11 SOFT COAT LOW-E TOUGHENED
- ECO 60 FD60 FIRE RATED - EST. ITEM 16:
- GLAZING BY CWL TO BE 29 mm DGU COMPRISING:
GL3 - 29 mm 60 MINUTE FIRE-RESISTANT GLASS - DENOTED ON ELEVATIONS AS GL3:
- OUTER - 6 mm SOFT COAT LOW-E TOUGHENED
- CAVITY - 10 mm KRYPTON FILLED CAVITY WITH BLACK SPACER
- INNER - 13 mm PYROGUARD CLEAR

FITTINGS-
W20 VENTS (QUOTE B180313):
FOLDING WINDOWS (FW) FITTED WITH:
- 2 OFF - NON-PROJECTING HINGES FINISH AS FRAMES
- 1 OFF - FA 4050 PHOENIX CASEMENT NON-LOCKING HANDLE IN IBUL FINISH TO LCL
- 2 OFF - FA 3030 NON-LOCKING PEGSTAY IN IBUL FINISH TO EACH LEAF
- 2 OFF - CONCEALED BOLTS TO HEAD AND CBL OF FCL
W20 DOORS (QUOTE B190071):
OUTWARD OPENING DOUBLE DOORS (DD) FITTED WITH:
- 4 OFF - WELD ON SELF ALIGNING HEAVY DUTY HINGES PER LEAF FINISH AS FRAMES
- 1 OFF - FRICTION TOP ARM PER LEAF
- 2 OFF - CONCEALED BOLTS IN SATIN CHROME PLATED FINISH FITTED ONTO FCL
- 2 OFF - THUMBTURN IN SATIN CHROME FINISH
- 1 OFF - B85F 300mm FACE BOLT TO HEAD OF LCL IN SATIN CHROME FINISH
- 1 OFF - ARNONE AR3500 DOOR CLOSER WITH SQUARE COVER IN STANDARD SILVER FINISH PER LEAF
- 1 OFF - DEAD LOCK WITH EURO PROFILE CYLINDER KEY OPERATED BOTH SIDES IN SATIN CHROME FINISH
- 1 OFF - DEAD PLATE LOCK BOX PANEL FINISH AS FRAMES TO LCL
- 1 OFF - DUMMY DOUBLE PLATE LOCK BOX PANEL FINISH AS FRAMES TO FCL
- 2 OFF - SWF B851 EURO ESCUTCHEONS IN SATIN CHROME FINISH TO LCL
- 1 OFF - ACCESSIBLE THRESHOLD SILL DETAIL IN DARK BRONZE FINISH.
- NO HANDLES OR FRAME HANDLE PREPS TO BE PROVIDED BY CWL. CLIENT'S PLT HANDLES TO BE PROVIDED AND INSTALL TO THE DOORS ON SITE BY OTHERS AFTER CWL DOOR INSTALLATION.

FIXINGS- - BY CRITTALL WINDOWS LIMITED

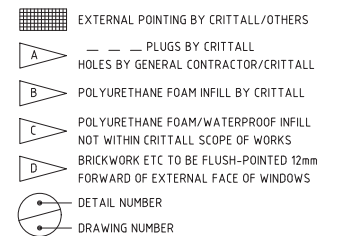
WIND LOAD- - 1200 N/m²

POINTING (& COLOUR)-
W20 - ARROSIL 109% (COLOUR TBC) BY CRITTALL WINDOWS LIMITED
EC60 FD60 FIRE RATED - INTUMESCENT SILICONE SEALANT TO BS476 PART 22
(COLOUR TBC BY CRITTALL WINDOWS LIMITED)

HORNSEY TOWN HALL,
THE BROADWAY,
LONDON, N8 9JJ

AS BUILT

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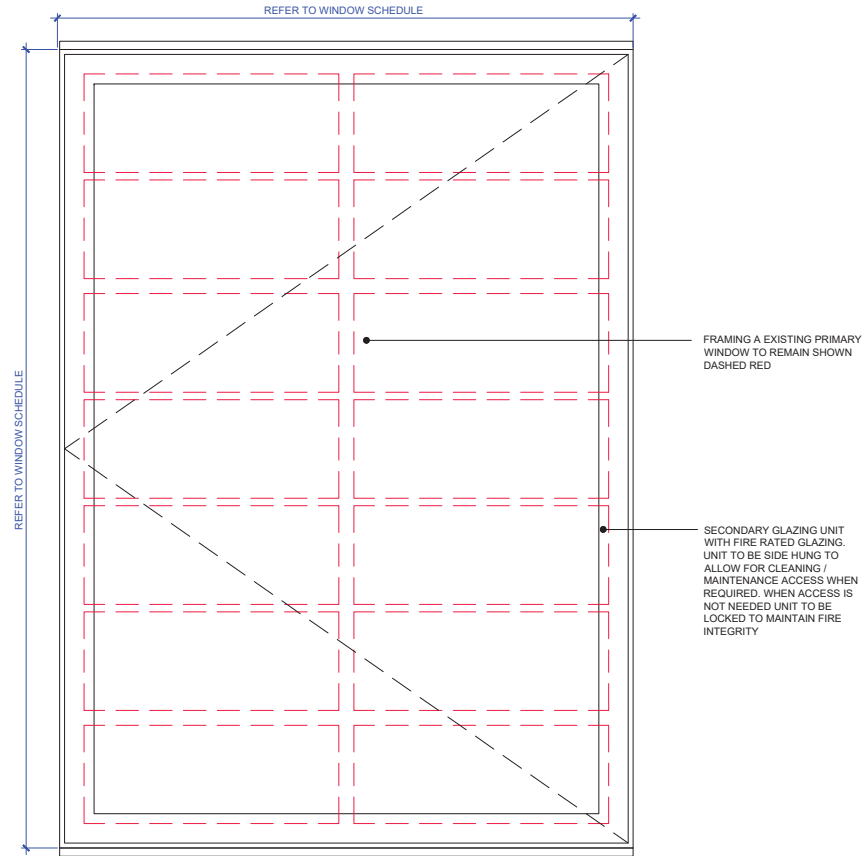
REVISION	REVISION TO ESTIMATE	BY	DATE
1	PULL HANDLES (PROVIDE & INSTALL) BY OTHERS	PA	26/11/21
F	PULL HANDLES (PROVIDE & INSTALL) BY OTHERS	PA	26/11/21
E	DOORS PULL HANDLE CHANGED TO OFFSET HANDLES	PA	12/11/21
D	DOORS THRESHOLD DARK BRONZE FINISH	PA	08/11/21
I	FOLDING WINDOW HARDWARE ADDED	PA	13/06/22
H	HP & VP SIZES PROVIDED BY CONTRACTOR	PA	10/05/22
G	SPECS SPLIT IN HTH & BROADWAY ANNEX	PA	07/02/22
REVISION	REVISION TO DRAWING	BY	DATE



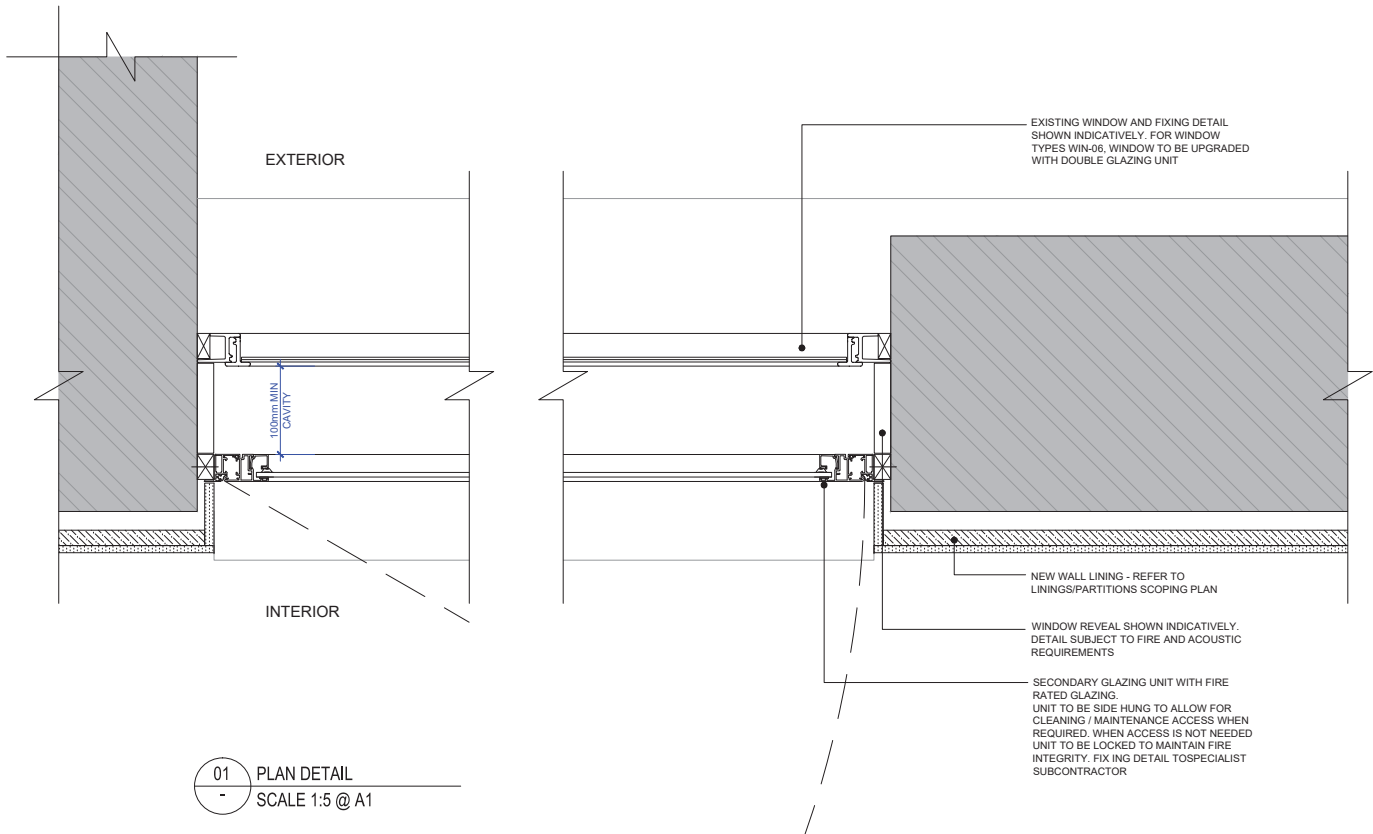
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CONTRACTOR	ARDMORE CONSTRUCTION, 6 WHARF STUDIOS, 28 WHARF ROAD, LONDON, N1 7GR																		
ARCHITECT	MAKE, 32 CLEVELAND STREET, LONDON, W1T 4JY																		
DRAWN	PETRU ALBU								DATE								MAY 2021		K
CHECKED									SCALE AT A1								N/A		
DRAWING NUMBER									SHEET NUMBER								ITEMS		
9727G2B								S1											
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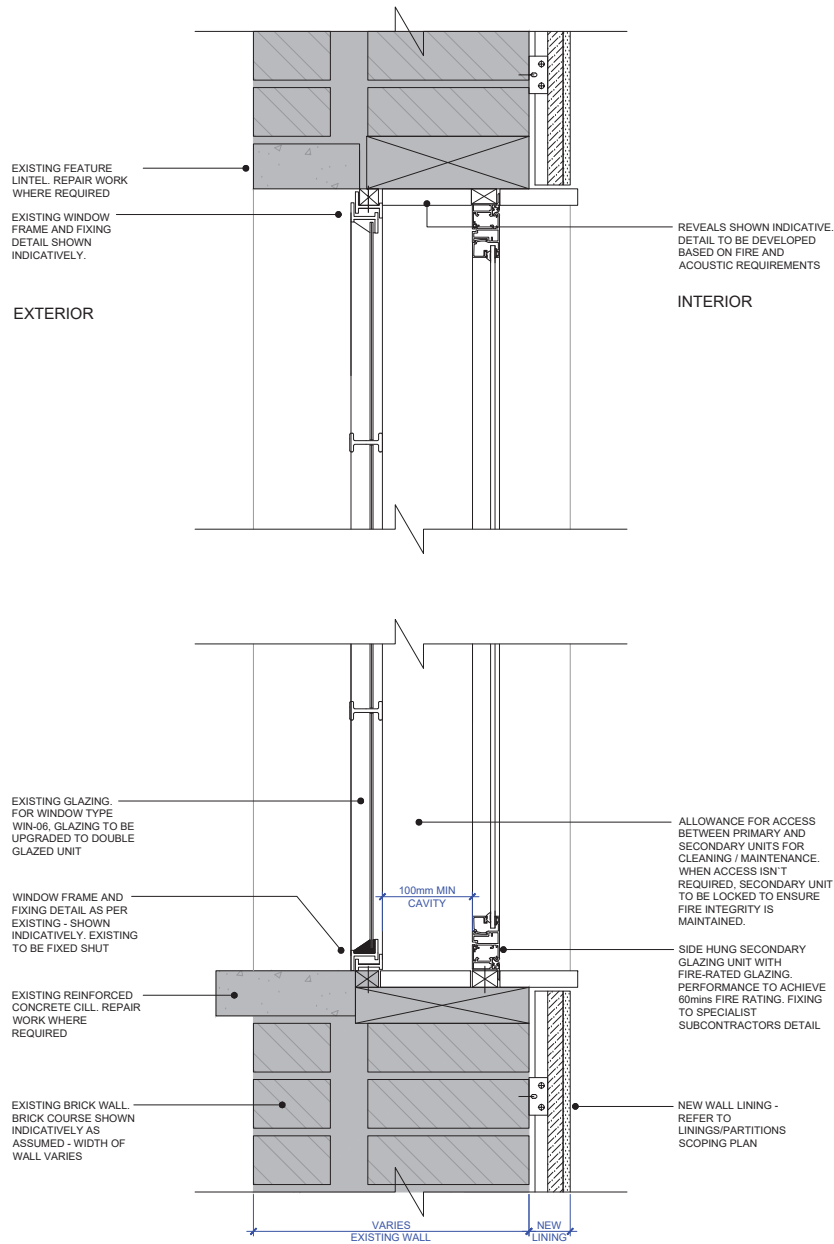
Typical Secondary Glazing Detail Type 04-06



A INTERNAL ELEVATION
SCALE 1:10 @ A1



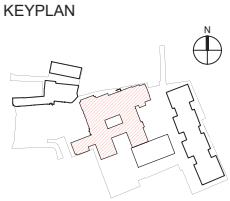
01 PLAN DETAIL
SCALE 1:5 @ A1



B SECTION - SECONDARY GLAZING TO ACHIEVE FIRE RATING
SCALE 1:5 @ A1

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P1 21.07.2020 JH ISSUED AS PROPOSAL



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www.ardmoregroup.co.uk

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PROPOSAL

PROJECT / DRAWING TITLE
**HORNSEY TOWN HALL
TOWN HALL & BROADWAY ANNEX
LONDON N8 9JJ**

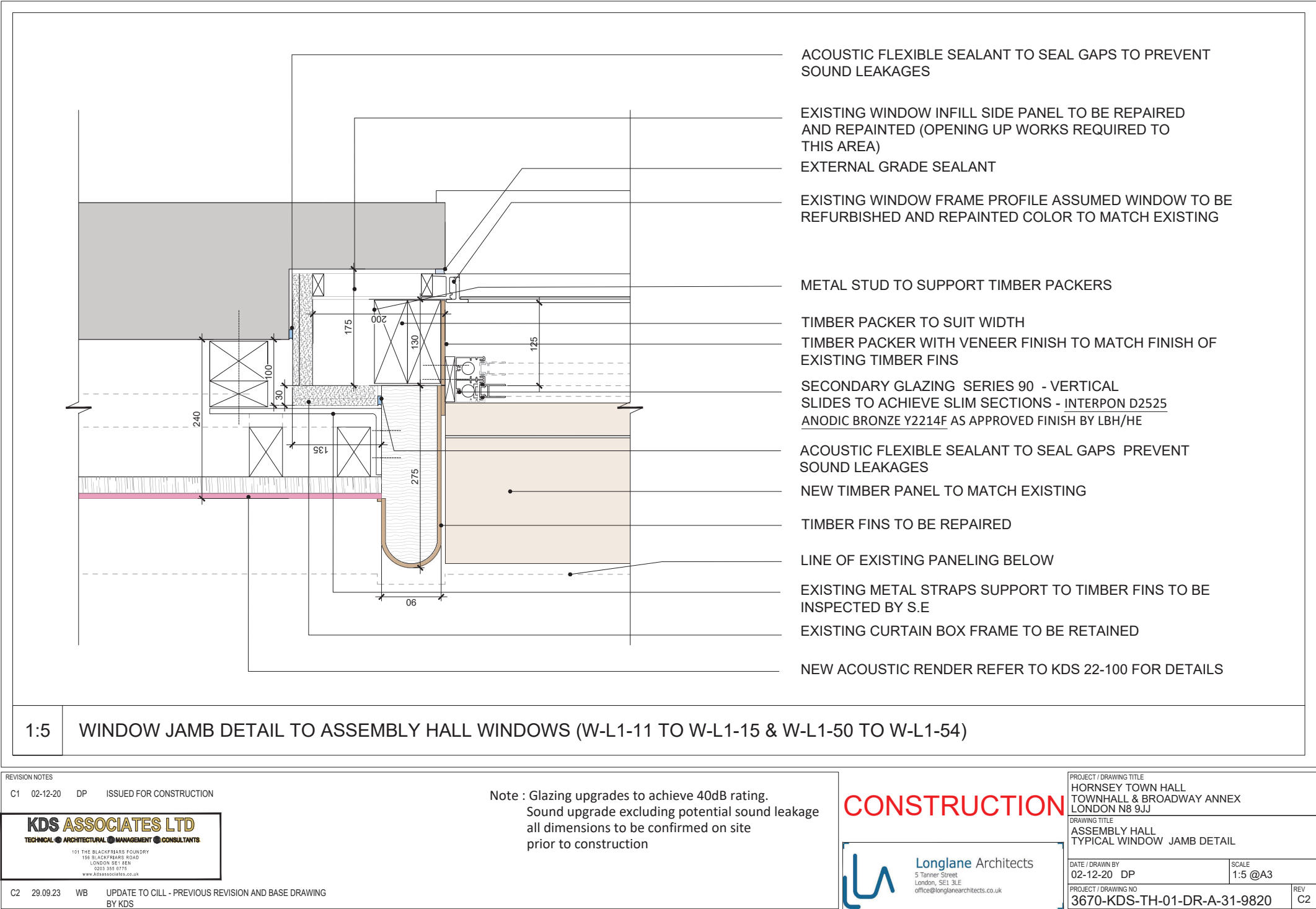
DRAWING TITLE
**TOWN HALL
UPGRADING OF EXISTING WINDOWS
FOR FIRE RATING REQUIREMENT**

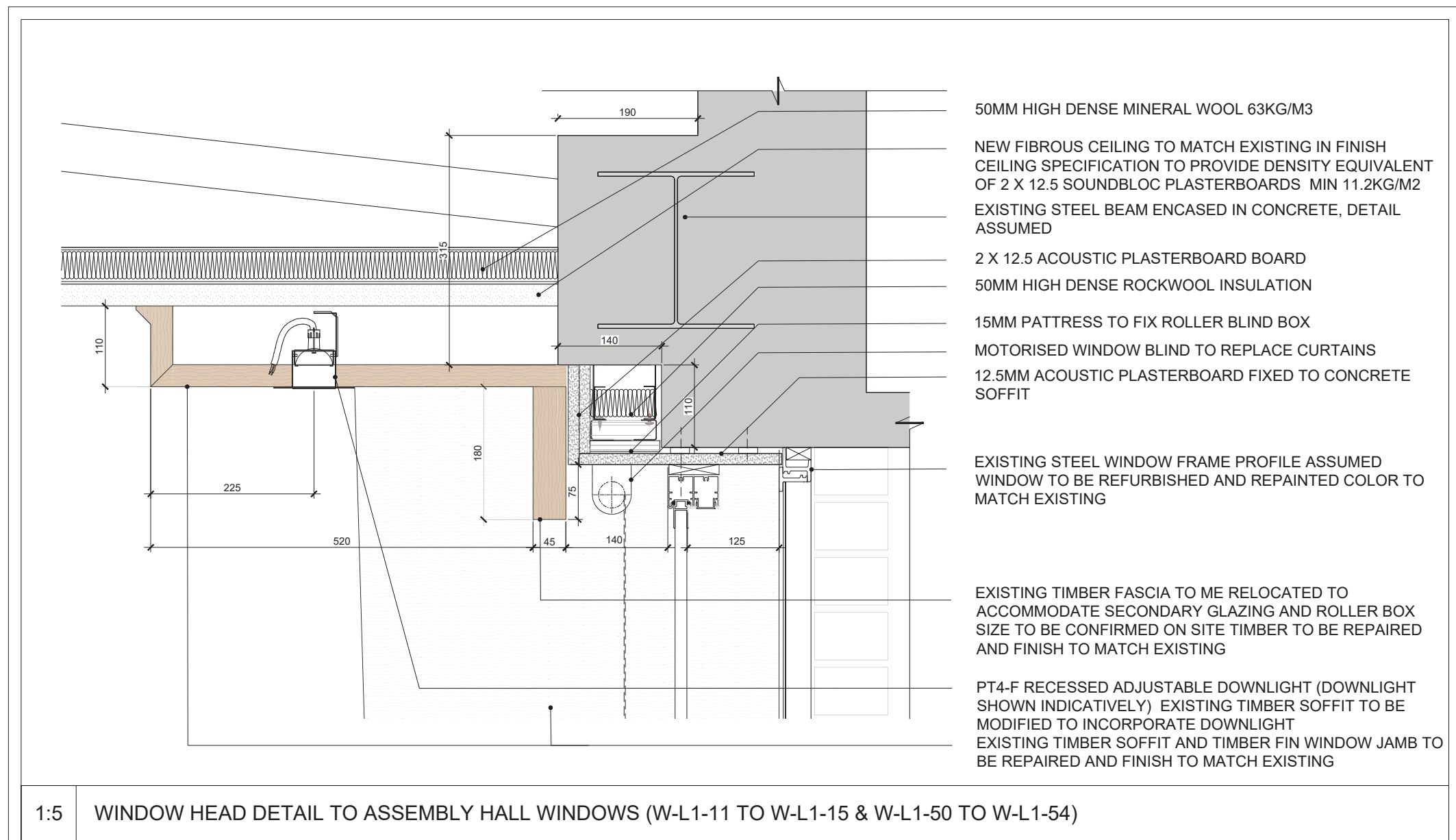
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21.07.20 JH

SCALE
VARIES @ A1

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REV
P1





REVISION NOTES

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Note : Glazing upgrades to achieve 40dB rating.
Sound upgrade excluding potential sound leakage
all dimensions to be confirmed on site
prior to construction

CONSTRUCTION

Longlane Architects

5 Tanner Street
London, SE1 3LE
office@longlanearchitects.co.uk

PROJECT / DRAWING TITLE

HORNSEY TOWN HALL
TOWNHALL & BROADWAY ANNEX
LONDON N8 9JJ

DRAWING TITLE

ASSEMBLY HALL
TYPICAL WINDOW HEAD DETAIL

DATE / DRAWN BY

02-12-20 DP

SCALE

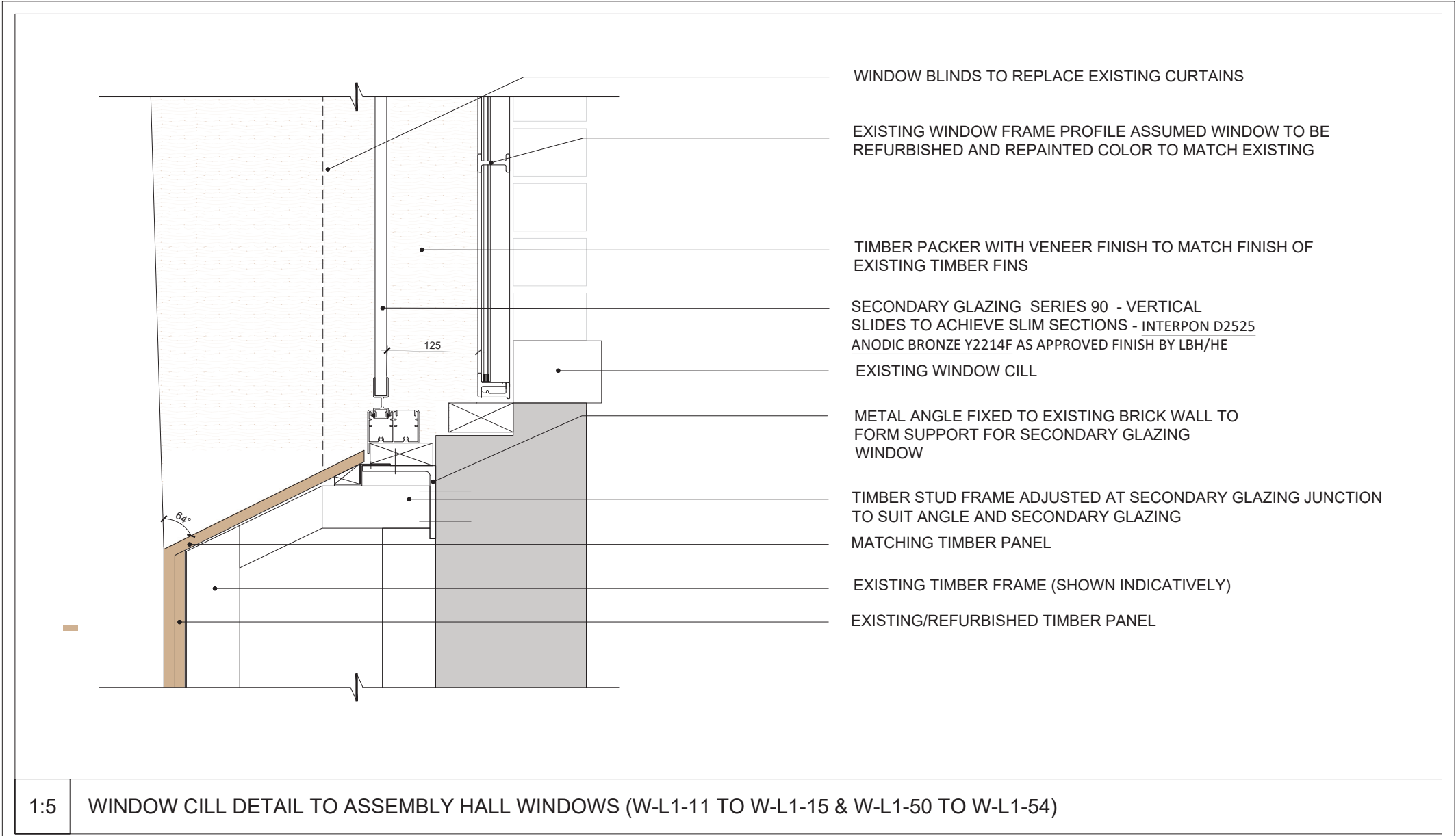
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PROJECT / DRAWING NO

3670-KDS-TH-01-DR-A-31-9821

REV

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office@longlanearchitects.co.uk

PROJECT / DRAWING TITLE HORNSEY TOWN HALL TOWNHALL & BROADWAY ANNEX LONDON N8 9JJ	
DRAWING TITLE ASSEMBLY HALL TYPICAL WINDOW CILL DETAIL	
DATE / DRAWN BY 02-12-20 WB	SCALE 1:5 @A1
PROJECT / DRAWING NO 3670-KDS-TH-01-DR-A-31-9822	REV C2