



Arkay Windows is a specialist large-scale fabricator *with over 45 years experience* based in Watford, North West London.

Through growth built on putting our customers first, we have risen to supply some of the country's biggest retail companies, contractors and commercial installers.

 **Arkay Windows**



01923 803 923

sales@arkaywindows.com

www.arkaywindows.com

ALUK[®]

58BW ST HI Steel
Replacement Window

SLIM
DURABLE
SECURE



 **Arkay Windows**

58BW ST HI STEEL REPLACEMENT WINDOW

The look of steel, the benefits of aluminium.
A win-win for designers and homeowners alike. Featuring industry leading build quality, our 58BW ST HI aluminium windows are an ideal replacement for existing steel windows. In addition to impressive high thermal and acoustic performance, the design also replicates the minimal sight lines associated with steel windows, whilst providing superior performance and security. Yet another win-win.

DESIGN FEATURES

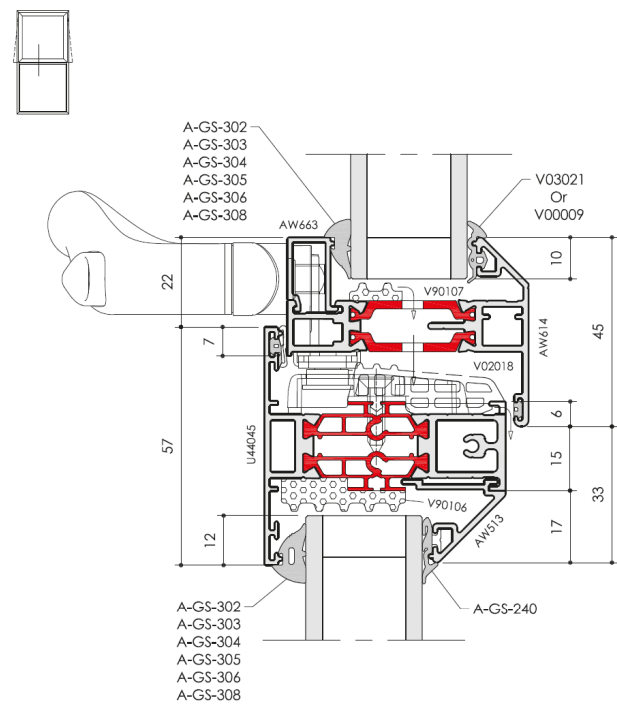
- Certified under the Secured By Design scheme
- PAS24 and SBD Certified Options
- Green guide rated A
- Integrated deep head profiles for ease of trickle ventilation
- Unique polyamide thermal break design to improve thermal performance

OPTIONS

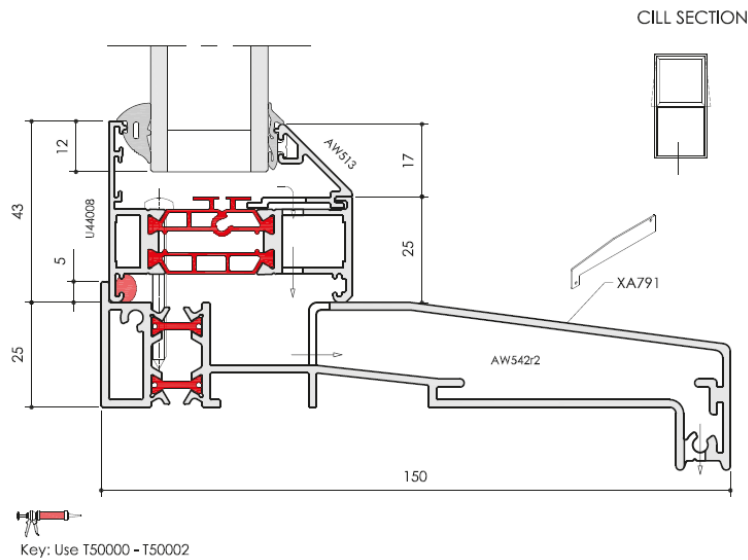
- 58mm or 70mm frame depth to accommodate varying types of applications
- Internally or externally glazed
- Glazing 24mm – 36mm
- Available for Lifetime Homes (LFT)
- Available in a range of single or dual colour and anodised finishes
- Available in the following aesthetics: Bay, Heritage and Contemporary
- Available in the following configurations: top hung, bottom hung, side hung, fixed light, multi-light and French casement



Heritage Transom Detail



Cill Detail



SPECIFICATIONS

PERFORMANCE & ACCREDITATION	OUTWARD OPENING
• U-value (double glazing)	1.4 W/m²K
† U-value (triple glazing)	1.1 W/m²K
Green guide rating	A rated
Acoustic performance (dB)	Rw (C;Ctr) 43 (-2;-5) dB
Air tightness (Pa)	Class 4 (600 Pa)
Water tightness (Pa)	Class 9a (600 Pa)
Wind load (Pa)	Class E2400 (2400 Pa)
Security	PAS 24
3rd party certification	Q-mark
Secured by design	Yes

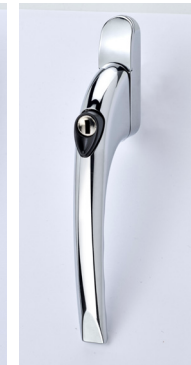
SIZE LIMITS

Opening	Open out
Top Hung Max Vent Size	1500 x 1500
Top Hung Min Vent Size	350 x 350
Side Hung Max Vent Size	800 x 1700
Side Hung Min Vent Size	350 x 350
Top hung (max weight)	35 Kg
Side hung (max weight)	24 Kg
Bottom hung (max weight)	60 Kg (3 hinges)
Fixed light (max weight)	250 Kg

SYSTEM FEATURES

Frame depth	58mm and 70mm
Dual colour option	✓
Multi-point locking	✓
Glazing options	250 Kg
Glazing thickness	24mm - 32mm
Sightline (Frame to Vent)	66mm
Sightline (Vent to Mullion)	81mm
Sightline (Fixed Light)	43mm

HANDLE COLOURS



HANDLES AVAILABLE

Black

White

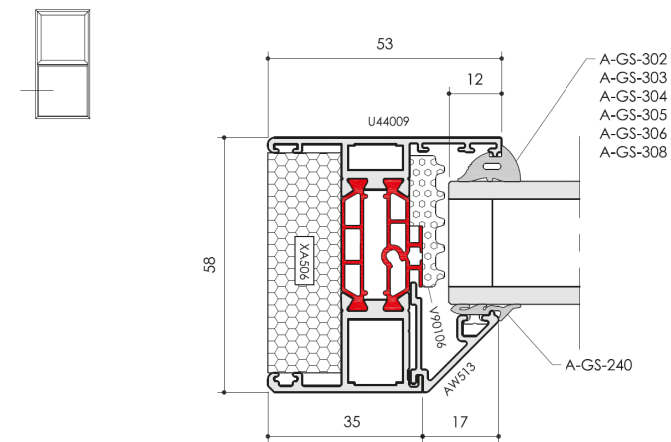
Grey

Silver

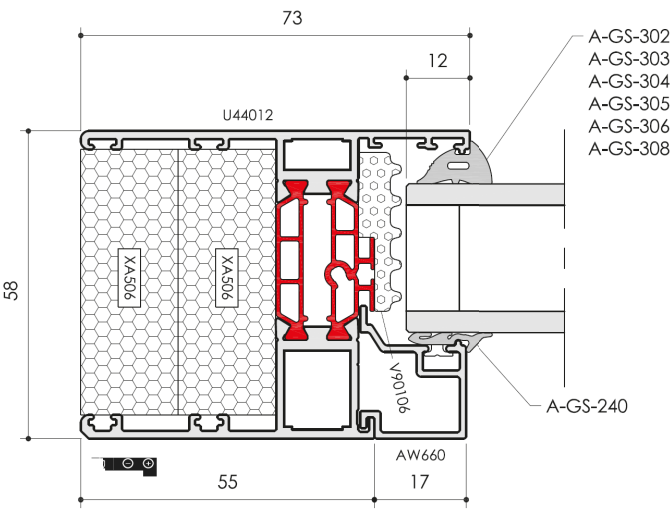
Chrome

Monkey Tail Handles

Fixed Jamb Detail



Deep Frame Detail



*Specifications show what can be achieved with the system but not all products will meet them automatically (depending on size, configuration, e.t.c.). Any specific requirements should be discussed with the technical team before ordering. The specifications on this page are subject to change without warning.



58BW ST HI Steel Replacement System



Ideal for projects where planning or design requires the installation of sympathetic materials, our 58BW ST HI Steel Replacement Window System provides the look of steel with the benefits of aluminium. Designed to replace and complement existing steel windows, the range has been specifically developed for use on listed buildings, warehouses and similar buildings, where steel windows have always traditionally been fitted.

Available in a wide range of styles including Top Hung, Side Hung, Fixed Light and French Casement, the system cleverly replicates the narrow sight lines associated with steel windows whilst providing superior performance and security. The system also includes hardware that is sympathetic to traditional steel window designs.

DESIGN FEATURES

- › Slim sightlines to match existing steel windows
- › Internally and externally beaded for ease of site glazing on high-rise applications
- › Unique polyamide thermal break design to improve performance
- › Integrated deep head profiles for ease of trickle ventilation
- › Accommodates standard hardware including friction stays and shoot bolt locking
- › Certified under the Secured By Design scheme
- › Ideal for Heritage, Listed Buildings and steel window replacements

OPTIONS

- › Accommodates up to 32mm glazing units for thermal and acoustic performance
- › Casement clips available for easy fit and removal of dummy vents
- › Dedicated fixing straps for ease of installation
- › Four different sash profiles to achieve design and planning permission requirements
- › Available in single or dual colour polyester powder coating, texture and anodised finishes

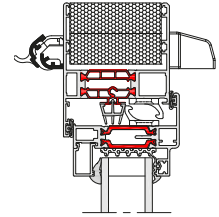
SPECIFICATIONS

Performance and accreditations	58BW ST HI
U-Value (Double Glazing) (Ug: 1.0 W/m²K)	1.4 W/m²K
U-Value (Triple Glazing) (Ug: 0.7 W/m²K)	1.1 W/m²K
Window Energy Rating (WER)	A - B
BRE Green Guide Rating	A rated
Air Permeability	Class 4 (600 Pa)
Water Tightness	Class E1500 (1500 Pa)
Wind Resistance	Class E2400 (2400 Pa)
Security	PAS 24 & SBD
3rd Party Certification Q-Mark	✓
System	
Depth	58mm & 70mm
Configurations	
Opening	Open-Out
Top Hung	✓
Side Hung	✓
Bottom Hung	✓
Fixed Light	✓
Multi Light	✓
Size and weight limits	
Top Hung	
Max Size (mm)	1436w x 1336h
Min. Size	386w x 336h
Max Weight	40kg
Side Hung	
Max Size (mm)	736w x 1436h
Min. Size	336w x 386h
Max Weight	24kg
Fixed Light	
Max Size (mm)	-
Min. Size	-
Max Weight	200kg
Glazing	
Glazing Options	Internal & External
Glazing Thickness**	24mm-32mm
System Features	
Single Colour	✓
Dual Colour	✓
Textured Finish	✓
Anodised Finish	✓
Multi-Point Locking	✓
Sightline (Frame To vent)	66mm
Sightline (Vent To Mullion)	81mm
Sightline (Fixed Light)	43mm
Aesthetics	
Putty Line	✓
Stepped Edge	✓
Square	✓
Exterior Glazed Chamfer	✓

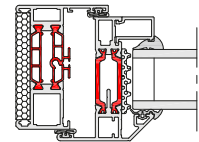
CAD CROSS SECTIONS AND THERMAL PROFILE

Additional details are available on request.

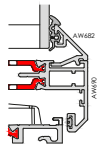
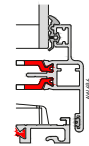
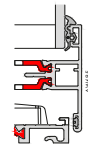
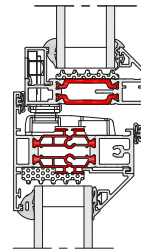
➤ 58BW ST HI HEAD



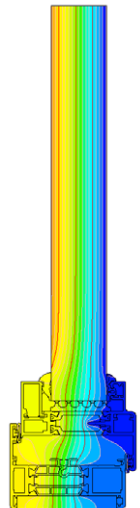
➤ 58BW ST HI JAMB



➤ 58BW ST HI MULLION / TRANSOM



➤ 58BW ST HI THERMAL PROFILE



**Glazing thickness: Other thicknesses may be possible dependant on profile combinations specified. Fabricators should refer to AluK technical manual glazing section for details.

Customer Survey Confirmation

Survey Date: 12/6/26



Job Reference: 26208

I/We confirm the following installation details are correct as per the survey carried out. Please review and sign below.

Installation Address: 8 BROUGHTON GARDENS
LONDON
NG 5RS

Contact Tel Number: 07399 732102

Email Address: will@npbowling.co.uk

What3Words:

Product Summary

Number of Windows	12	Number of Bay Windows	—
Number of Rooflights	—	Number of Entrance Doors	
Number of Residential Doors	3	Number of Bifold Doors	1
Number of Sliding Doors	—	Number of Internal Doors	—

Confirmation Checklist — Please tick to confirm each item has been reviewed:

☐	Opening direction is correct as indicated on the survey as viewed from outside
☐	Manufacturer and product type Correct
☐	Internal and External colours Correct
☐	Material type and finish Correct
☐	Glass type Correct
☐	Handles and hardware colours Correct
☐	Layout of windows / doors Correct as viewed from outside

Customer Declaration

I/We confirm that all the products listed above have been reviewed and discussed with the surveyor. Whilst exact dimensions have not been confirmed at this stage, all other items including colours, materials, hardware, glass type and layout have been reviewed and are accepted as correct.

Customer Signature:

Date: 12/6/26.

Print Name: _____

Surveyor Name: A. Bowler

Item Survey Sheet

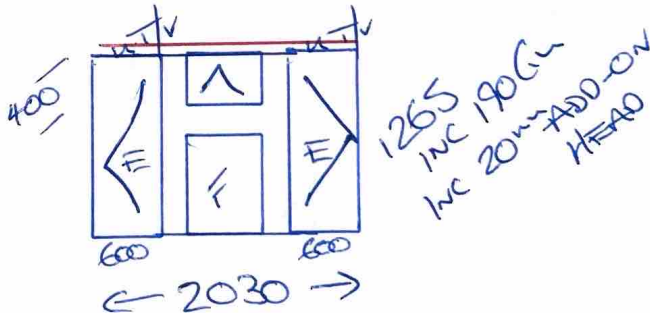
Location	RECEPTION @ FRONT
Item Type	CASEMENT ALU 583W HI
Material & Finish	WHITE CROSS ALUMINIUM
Hardware Type / Colour	WHITE
Internal Colour	WHITE CROSS
External Colour	WHITE CROSS
Trim Type & Size Internal	—
Trim Type & Size External	—
Obscure Glass Type	CLEAR TX.
Cill Depth / Horns	90 WITH 50" HORNS

Notes:

ALL MEASURED RENDER TO RENDER.
 PUSH WINDOWS FORWARD ON RENDER DUE TO EXTRA 50mm OF INSULATION BEING ADDED EXTERNALLY
 BUILDER TO MAKE GOOD PLASTER INSIDE + BEING RE RENDERED EXTERNALLY.

Sketch / Elevation Drawing

☒	Trickle Vent
☒	Restrictors
☒	Egress Hinges
☒	Easy Clean
☒	Window Boards
☒	Astragal Bars
☒	Georgian Bars
☒	Leads
☒	Triple Glazed



Item Survey Sheet

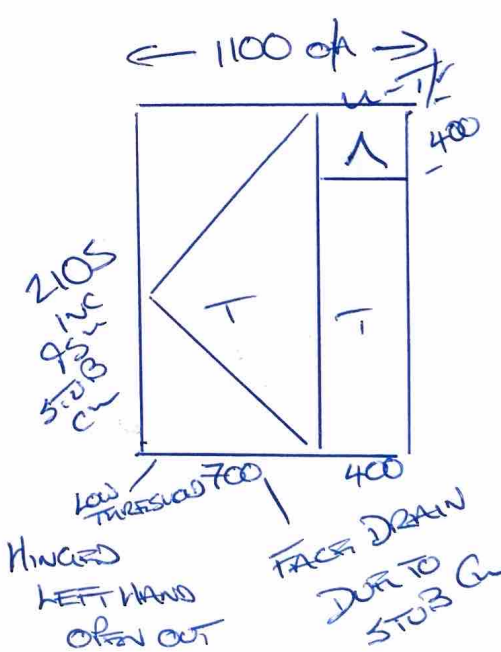
Location	BED 2 LANDING.
Item Type	DOOR + CASSEMENT ^{58 BD} ^{583mm HIGH}
Material & Finish	WHITE CROSS ALUMINIUM
Hardware Type / Colour	WHITE
Internal Colour	WHITE CROSS
External Colour	WHITE CROSS
Trim Type & Size Internal	20+45
Trim Type & Size External	20+45
Obscure Glass Type	CLEAR TX
Cill Depth / Horns	95mm SUB CILL 100mm HORN.

Notes:

FIT INTO EXISTING
 POSITION

Sketch / Elevation Drawing

☒ Trickle Vent
☒ Restrictors
☒ Egress Hinges
☒ Easy Clean
☒ Window Boards
☒ Astragal Bars
☒ Georgian Bars
☒ Leads
☒ Triple Glazed



1100mm W
 2105mm H
 950mm SUB CILL
 400mm H
 700mm THRESHOLD
 400mm W
 HINGED LEFT HAND OPEN OUT
 FACE DRAWN DUE TO STUB CILL

Item Survey Sheet

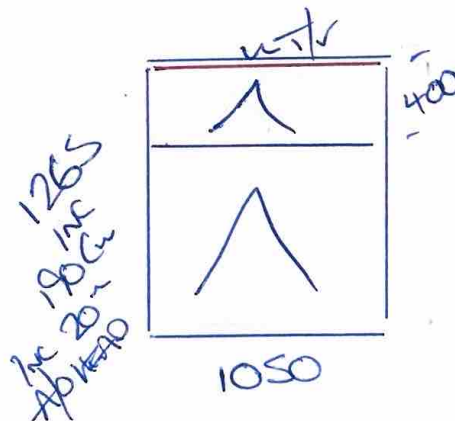
Location	BED 2 FRONT
Item Type	CASTMENT ^{Awk} 58mm
Material & Finish	White Cross Aluminium
Hardware Type / Colour	White.
Internal Colour	White Cross
External Colour	White Cross
Trim Type & Size Internal	—
Trim Type & Size External	—
Obscure Glass Type	Clear TX
Cill Depth / Horns	190 ^{50mm} ~~100~~ horns

Notes:

MEASURED RENDER-RENDER
 PUSH FORWARD ON EXISTING
 RENDER DUE TO SOME
 INSULATION BEING ADDED
 EXTERNALLY
 BUNDER TO make GOOD
 PLASTER + RENDER.

Sketch / Elevation Drawing

☒	Trickle Vent
☒	Restrictors
☒	Egress Hinges
☒	Easy Clean
☒	Window Boards
☒	Astragal Bars
☒	Georgian Bars
☒	Leads
☐	Triple Glazed



Item Survey Sheet

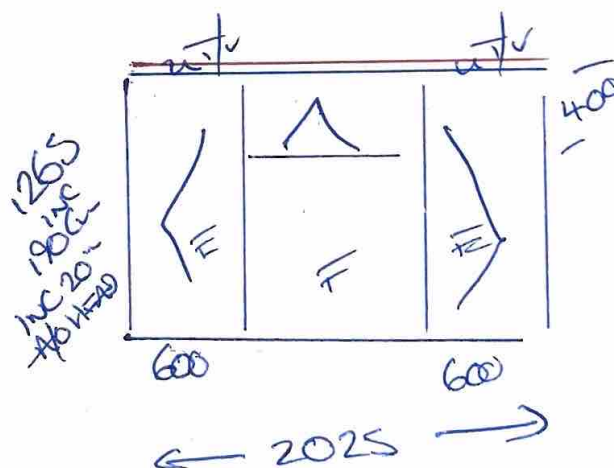
Location	FRONT BED
Item Type	CASEMENT ALUT 583W HIGH
Material & Finish	WHITE ALUMINIUM
Hardware Type / Colour	WHITE
Internal Colour	WHITE GLOSS
External Colour	WHITE GLOSS
Trim Type & Size Internal	—
Trim Type & Size External	—
Obscure Glass Type	CLEAR TX
Cill Depth / Horns	190 50mm HORN

Notes:

MEASURED RENDER TO RENDER
 FIT FORWARD ON RENDER
 AS 50mm OF INSULATION IS
 BEING ADDED EXTERNALLY
 BUILDUP TO MAKE GOOD
 PLASTER INT + RENDER EXT

Sketch / Elevation Drawing

☒	Trickle Vent
☒	Restrictors
☒	Egress Hinges
☐	Easy Clean
☒	Window Boards
☒	Astragal Bars
☒	Georgian Bars
☒	Leads
☒	Triple Glazed



Item Survey Sheet

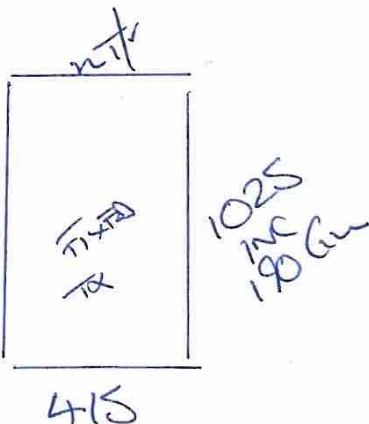
Location	Window to Right of Front Door
Item Type	Fixed White Aluminium
Material & Finish	White Gloss Aluminium
Hardware Type / Colour	None
Internal Colour	White Gloss
External Colour	White Gloss
Trim Type & Size Internal	—
Trim Type & Size External	—
Obscure Glass Type	Clear Tough
Cill Depth / Horns	190 50mm horns.

Notes:

MEASURED RENOFR TO RENOFR
 FIT FORWARD ON RENOFR
 AS 50mm OF INSULATION IS
 BEING ADDED EXTERNALLY
 BULDER TO MAKE GOOD
 PLASTER INT + RENOFR EXT

Sketch / Elevation Drawing

☒	Trickle Vent
☒	Restrictors
☒	Egress Hinges
☒	Easy Clean
☒	Window Boards
☒	Astragal Bars
☒	Georgian Bars
☒	Leads
☒	Triple Glazed



Item Survey Sheet

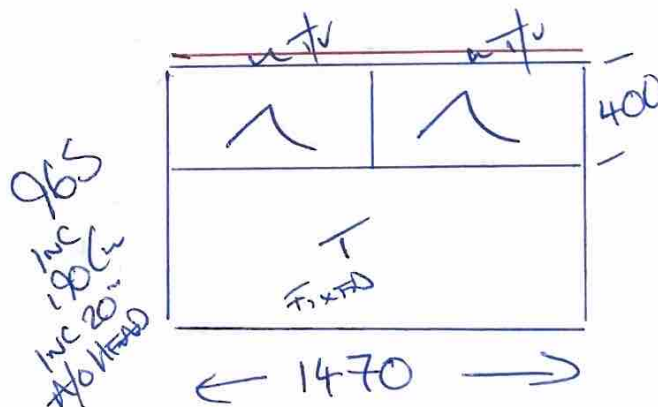
Location	STUDY AT FRONT
Item Type	CASEMENT ALUM 58BW 51 HIGH
Material & Finish	WHITE GLOSS ALUMINIUM
Hardware Type / Colour	WHITE
Internal Colour	WHITE GLOSS
External Colour	WHITE GLOSS
Trim Type & Size Internal	—
Trim Type & Size External	—
Obscure Glass Type	CLAR TOUCH
Cill Depth / Horns	190 SOME HORNS

Notes:

MEASURED REPAIR TO REPAIR
 DUE TO SOME OF INSULATION
 BEING ADDED EXTERNALLY
 FIT FORWARD ON REPAIR
 REPAIR TO MAKE GOOD
 INTERNAL PASTER + REPAIR
 EXT

Sketch / Elevation Drawing

☒	Trickle Vent
☒	Restrictors
☒	Egress Hinges
☒	Easy Clean
☒	Window Boards
☒	Astragal Bars
☒	Georgian Bars
☒	Leads
☒	Triple Glazed



Item Survey Sheet

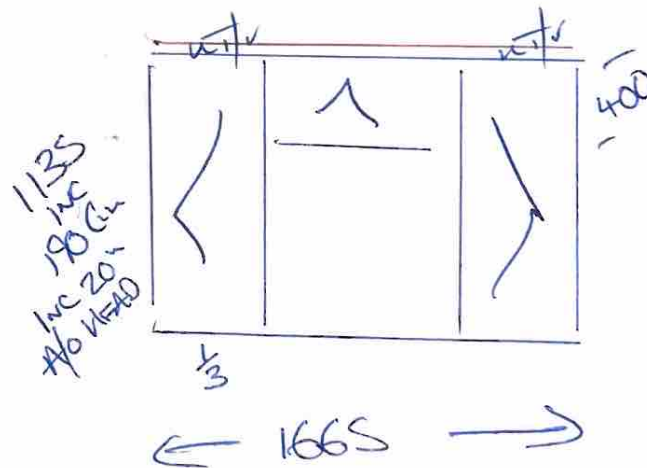
Location	GROUND SIDE STUDY
Item Type	ALU CASEMENT 580x510mm
Material & Finish	WHITE GLOSS ALUMINIUM
Hardware Type / Colour	WHITE
Internal Colour	WHITE GLOSS
External Colour	WHITE GLOSS
Trim Type & Size Internal	—
Trim Type & Size External	—
Obscure Glass Type	CLAR TX
Cill Depth / Horns	NO 50mm HORN

Notes:

MEASURED RENDER TO RENDER
 TIT FORWARD ON RENDER AS
 50mm OF INSULATION IS BEING
 ADDED EXTERNALLY
 BUILDUP TO MAKE GOOD
 PLASTER HT + RENDER EXT

Sketch / Elevation Drawing

☒	Trickle Vent
☒	Restrictors
☒	Egress Hinges
☒	Easy Clean
☒	Window Boards
☒	Astragal Bars
☒	Georgian Bars
☒	Leads
☒	Triple Glazed



Item Survey Sheet

Location	GF W/C
Item Type	CASEMENT ALUT 588WST HIGH
Material & Finish	WHITE GROSS ALUMINIUM
Hardware Type / Colour	WHITE
Internal Colour	WHITE GROSS
External Colour	WHITE GROSS
Trim Type & Size Internal	—
Trim Type & Size External	—
Obscure Glass Type	TX SATIN
Cill Depth / Horns	190 50mm HORNS

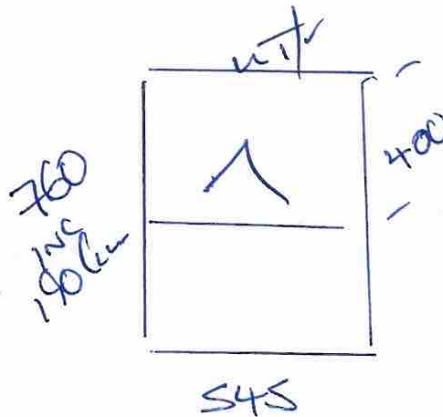
Notes:

MEASURED RENDER - RENDER
 FIT FORWARD ON EXISTING
 RENDER DUE TO 50mm OF
 INSULATION BEING ADDED
 EXTERNALLY

RENDER TO MAKE GOOD
 PLASTER INT + RENDER EXT

Sketch / Elevation Drawing

☒	Trickle Vent
☒	Restrictors
☒	Egress Hinges
☒	Easy Clean
☒	Window Boards
☒	Astragal Bars
☒	Georgian Bars
☒	Leads
☒	Triple Glazed



Item Survey Sheet

Location	UTILITY DOOR
Item Type	ALOK 5880 DOOR MIDRAIL
Material & Finish	WHITE ALUMINIUM
Hardware Type / Colour	WHITE
Internal Colour	CROSS WHITE
External Colour	CROSS WHITE
Trim Type & Size Internal	30mm
Trim Type & Size External	30mm
Obscure Glass Type	CLEAR TX
Cill Depth / Horns	190 30mm HORNS

Notes:

FIT IN EXISTING
 POSITION AS PER DOOR
 BEING REPLACED

Sketch / Elevation Drawing

☒	Trickle Vent
☒	Restrictors
☒	Egress Hinges
☒	Easy Clean
☒	Window Boards
☒	Astragal Bars
☒	Georgian Bars
☒	Leads
☒	Triple Glazed



RIGHT HAND
 OPEN OUT

Item Survey Sheet

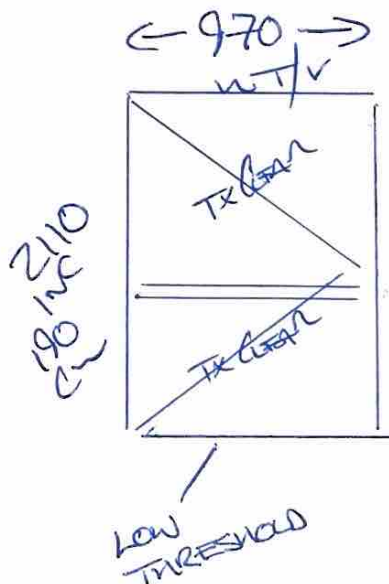
Location	KITCHEN DOOR
Item Type	ALUTE 5030 MIDRAIL DOOR
Material & Finish	WHITE ALUMINIUM
Hardware Type / Colour	WHITE
Internal Colour	CROSS WHITE
External Colour	CROSS WHITE
Trim Type & Size Internal	30
Trim Type & Size External	30
Obscure Glass Type	CLEAR TX
Cill Depth / Horns	190 50mm HORNS

Notes:

FIT IN EXISTING POSITION
AS EXISTING DOOR.

Sketch / Elevation Drawing

☒	Trickle Vent
☒	Restrictors
☒	Egress Hinges
☒	Easy Clean
☒	Window Boards
☒	Astragal Bars
☒	Georgian Bars
☒	Leads
☒	Triple Glazed



REST HAND
OPEN OUT.

Item Survey Sheet

Location	Bathroom Rear.
Item Type	CASEMENT ^{ALOK} 58BW High
Material & Finish	White Aluminium
Hardware Type / Colour	White
Internal Colour	Cross White
External Colour	Cross White
Trim Type & Size Internal	—
Trim Type & Size External	—
Obscure Glass Type	TX SATIN
Cill Depth / Horns	190 50mm horns

Notes:

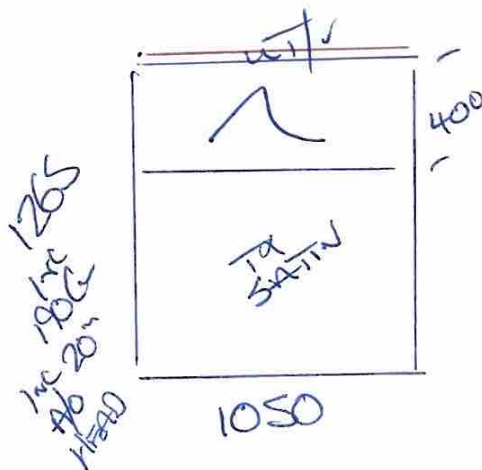
MEASURED RENDER TO
RENDER

FIT FORWARD AN EXISTING
RENDER DUE TO 50mm
INSULATION BEING ADDED
EXTERNALLY

RENDER TO MAKE GOOD
INTERNAL PASTER + EXTERNAL
RENDER.

Sketch / Elevation Drawing

☒	Trickle Vent
☒	Restrictors
☒	Egress Hinges
☒	Easy Clean
☒	Window Boards
☒	Astragal Bars
☒	Georgian Bars
☒	Leads
☒	Triple Glazed



Item Survey Sheet

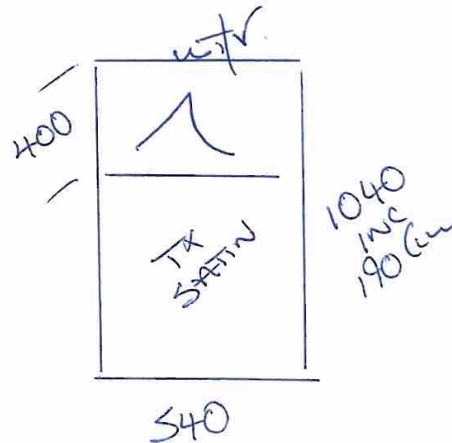
Location	UPSTAIRS W/C
Item Type	CASEMENT ALUT 58BW5711
Material & Finish	WHITE ALUMINIUM
Hardware Type / Colour	WHITE
Internal Colour	CROSS WHITE
External Colour	CROSS WHITE
Trim Type & Size Internal	—
Trim Type & Size External	—
Obscure Glass Type	TX SATIN
Cill Depth / Horns	190 50mm HORN

Notes:

MEASURED RENDER TO RENDER
 FIT FORWARD ON EXISTING RENDER
 DUE TO 50mm OF INSULATION
 BEING ADD EXTERNALLY
 BUILDUP TO MAKE GOOD
 PLASTER INT + RENDER
 EXTERNALLY.

Sketch / Elevation Drawing

☒	Trickle Vent
☒	Restrictors
☒	Egress Hinges
☒	Easy Clean
☒	Window Boards
☒	Astragal Bars
☒	Georgian Bars
☒	Leads
☒	Triple Glazed



Item Survey Sheet

Location	BED 4 REAR
Item Type	CASEMENT AUK SBBW S.H.
Material & Finish	WHITE ALUMINIUM
Hardware Type / Colour	WHITE
Internal Colour	CROSS WHITE
External Colour	CROSS WHITE
Trim Type & Size Internal	—
Trim Type & Size External	—
Obscure Glass Type	CLEAR TX
Cill Depth / Horns	190 50mm HORN

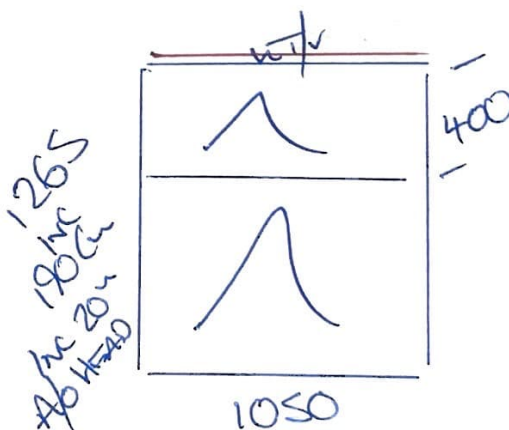
Notes:

MEASURED RENDER TO RENDER
 FIT FORWARD ON RENDER
 AS 50mm OF INSULATION IS
 BEING ADDED EXTERNALLY

BULDER TO MAKE GOOD
 INT PLASTER + EXT RENDER

Sketch / Elevation Drawing

☒	Trickle Vent
☒	Restrictors
☒	Egress Hinges
☒	Easy Clean
☒	Window Boards
☒	Astragal Bars
☒	Georgian Bars
☒	Leads
☒	Triple Glazed



Item Survey Sheet

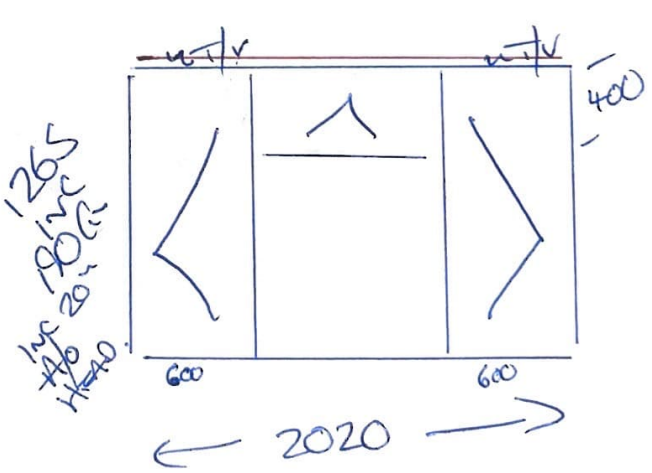
Location	BEO 3 REAR
Item Type	CASEMENT 583W ST W
Material & Finish	WHITE Aluminium
Hardware Type / Colour	WHITE
Internal Colour	CROSS WHITE
External Colour	CROSS WHITE
Trim Type & Size Internal	—
Trim Type & Size External	—
Obscure Glass Type	CLEAR TX
Cill Depth / Horns	190 50mm HORN

Notes:

MEASURED REPAIR TO REPAIR
 FT FORWARD ON EXISTING
 REPAIR DUE TO SOME
 INSULATION BEING ADDED
 EXTERNALLY
 BUILT TO MAKE GOOD
 INTERNAL PLASTER + FEAT
 REPAIR.

Sketch / Elevation Drawing

☒	Trickle Vent
☒	Restrictors
☒	Egress Hinges
☒	Easy Clean
☒	Window Boards
☒	Astragal Bars
☒	Georgian Bars
☒	Leads
☒	Triple Glazed



Item Survey Sheet

Location	KITCHEN REAR
Item Type	CASEMENT 58BW 5TH
Material & Finish	WHITE ALUMINIUM
Hardware Type / Colour	WHITE.
Internal Colour	CROSS WHITE
External Colour	CROSS WHITE
Trim Type & Size Internal	—
Trim Type & Size External	—
Obscure Glass Type	CLEAR TX
Cill Depth / Horns	190 50mm HORN

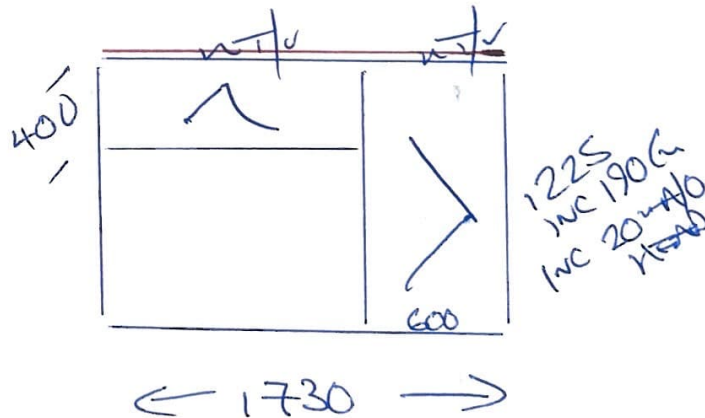
Notes:

MEASURED RENDER TO RENDER
 TIT FORWARD ON EXISTING
 RENDER DUE TO SOME OF
 INSULATION BEING ADDED
 EXTERNALLY

BUILDER TO MAKE GOOD
 INTERNAL PLASTER + EXT
 RENDER.

Sketch / Elevation Drawing

☒	Trickle Vent
☒	Restrictors
☒	Egress Hinges
☒	Easy Clean
☒	Window Boards
☒	Astragal Bars
☒	Georgian Bars
☒	Leads
☒	Triple Glazed



Item Survey Sheet

Location	C4 REAR BUTT
Item Type	UNIFOLD 3 PANE
Material & Finish	WHITE ALUMINIUM
Hardware Type / Colour	WHITE.
Internal Colour	CROSS WHITE
External Colour	CROSS WHITE.
Trim Type & Size Internal	30
Trim Type & Size External	30
Obscure Glass Type	CLEAR TX
Cill Depth / Horns	190 50mm HORN

Notes:

FIT IN SAME POSITION
AS EXISTING.

Sketch / Elevation Drawing

☒	Trickle Vent
☒	Restrictors
☒	Egress Hinges
☒	Easy Clean
☒	Window Boards
☒	Astragal Bars
☒	Georgian Bars
☒	Leads
☒	Triple Glazed

