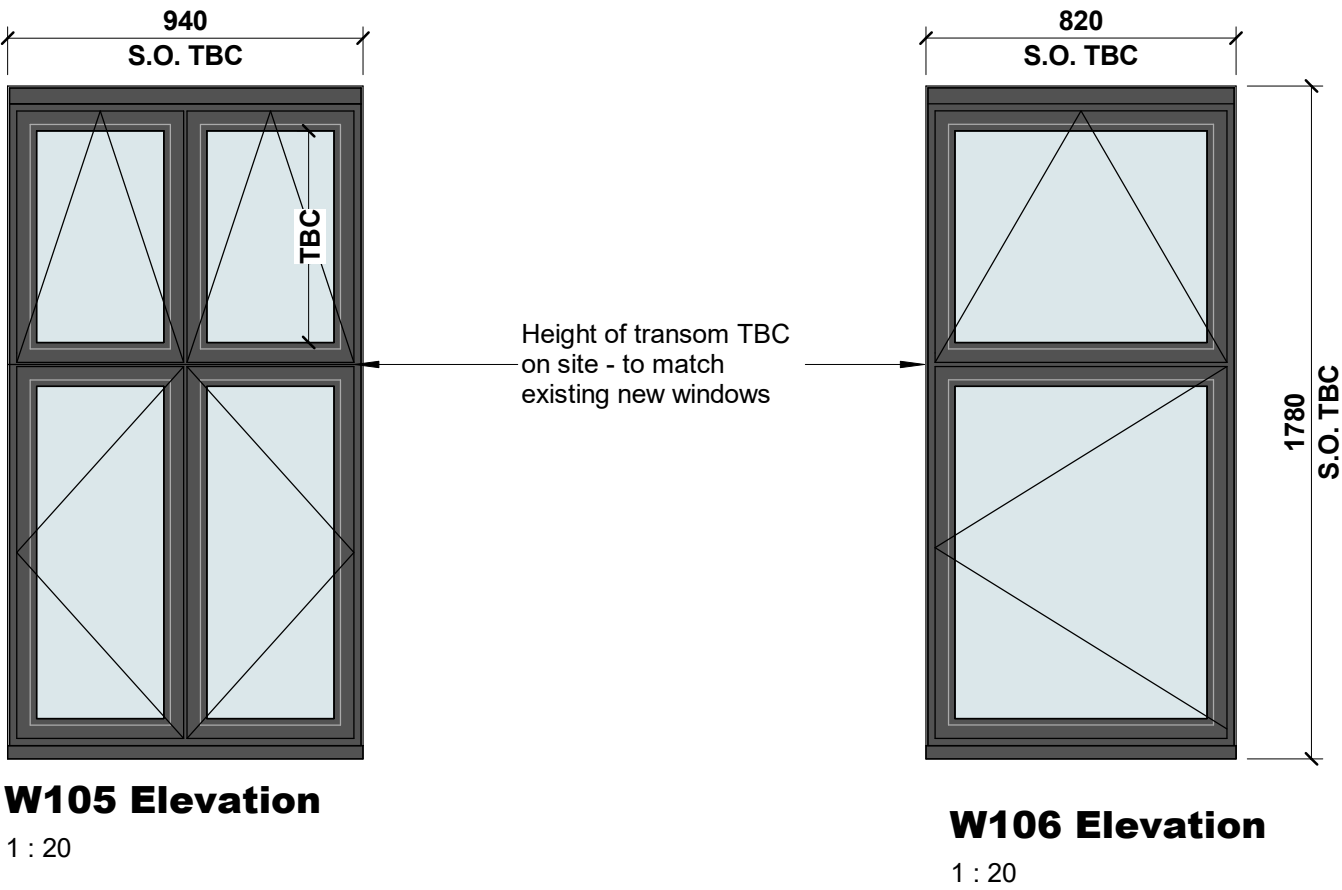


GROUND FLOOR APARTMENT WINDOWS - PROPOSED

TYPE 1 - ALITHERM 400

PROPOSED GROUND FLOOR WINDOWS: W105 and W106

PRODUCT: SMART SYSTEMS ALITHERM 400 - or equal approved



Description:
Alitherm 400 thermally broken thermally-broken aluminium polyamide casement window frames set to the same height / cill levels - to match the frames, mullion and transom proportions of the existing modern windows.

Finish: to match existing

Glazing Specification: Double glazed windows with low-e glass soft coating.

Min. Required Sound Reduction: **W105:** 37 Rw + Ctr (dB) / **W106:** 35 Rw + Ctr (dB)

U value: 1.40 W/m²K

G Value: 0.63 W/m²K

Trickle Vent Specification: **W105:** 42 Dn,e,w + Ctr (dB) / **W106:** 40 Dn,e,w + Ctr (dB)

Ironmongery: To approval of the Employer

*Please refer to:
Elevation 3 for W105 location
Elevation 4 for W106 location*

FIXED PANEL / FANLIGHT W111



W111 - OUTLINE SPECIFICATION

W111 to conform with the current Building Regulations, whilst retaining the existing external overall visual appearance of the existing 'false' door and fanlight (*as pictured*).

Note:

- W111** to be constructed as a fixed panel with a groove down the middle to replicate a double door, or alternatively as a double door which is permanently sealed shut [TBC]
- Frame currently indicative - with new frame required, to replace existing
- Fixed panel/s and fanlight to use the proportions of the original door.
- New fixed panel/s / door leaves to house two glazed opening lights - *to take barrier loading*.
- New openable fanlight above, to achieve PAS24: 2012
Note: As illustrated, transom to be inserted at high-level, with an arched enscribed fill in panel above to *minimick curved fanlight aperture*.

Finish / Colour: Fixed panel material to be as ECO timber doorsets with a timber veneer finish - colour 'Anthracite grey' RAL 7016 / solid timber frames to match.

Glazing Specification: Double glazed windows with low-e glass soft coating.

Min. Required Sound Reduction: 29 Rw + Ctr (dB)

U value: 1.40 W/m²K TBC

Trickle Vent Specification: 40 Dn,e,w + Ctr (dB)

Dimensions: tbc on site.

Refer to Elevation 2 for location

NEW CELLAR OFFICE WINDOWS - PROPOSED

TYPE 2 - ALITHERM HERITAGE

PROPOSED CELLAR WINDOWS: W01 / W02

PRODUCT: SMART SYSTEMS ALITHERM HERITAGE (formerly Alitherm Heritage 47) - or equal approved



Description:
Modern like-for-like thermally broken aluminium polyamide casement window frames with thin profiles and sight lines - *to be fitted within the existing bricked up openings*.

Finish: to match existing

Glazing Specification:
Double glazed windows with low-e glass soft coating.

Min. Required Sound Reduction: 27 Rw + Ctr (dB)

U value:
Approved Document Part L2A states a minimum u-value requirement of 1.40 W/m²K (*based on Volume 2 / Buildings Other than Dwellings*)
Note: The **Alitherm Heritage** system will typically achieve a u-value of **1.5W/m/2K**, with a double glazed unit / centrepane of 1.0W/m/2K

G Value: 0.63 W/m²K

Trickle Vent Specification: 40 Dn,e,w + Ctr (dB)

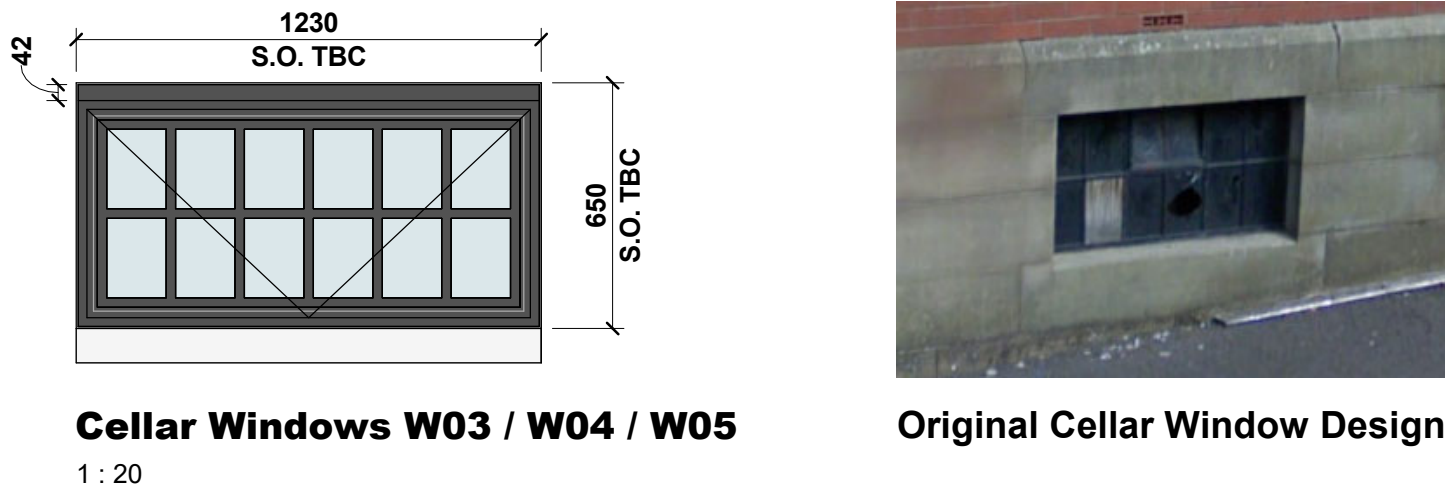
Ironmongery: To approval of the Employer

- Refer to Elevation 3 for location

TYPE 3 - ALITHERM HERITAGE

PROPOSED CELLAR WINDOWS: W03 / W04 / W05

PRODUCT: SMART SYSTEMS ALITHERM HERITAGE (formerly Alitherm Heritage 47) - or equal approved



Description:
Modern like-for-like thermally-broken aluminium polyamide bottom-hung, inwards opening, tilt & turn window frames with thin profiles and sight lines - to match the frames, mullion and transom proportions of the traditional original steel cellar windows.

Finish: to match existing

Glazing Specification:
Double glazed windows with low-e glass soft coating.

Min. Required Sound Reduction: 27 Rw + Ctr (dB)

U value:
Approved Document Part L2A states a minimum u-value requirement of 1.40 W/m²K (*based on Volume 2 / Buildings Other than Dwellings*)
Note: The **Alitherm Heritage** system will typically achieve a u-value of **1.5W/m/2K**, with a double glazed unit / centrepane of 1.0W/m/2K

G Value: 0.63 W/m²K

Trickle Vent Specification: 40 Dn,e,w + Ctr (dB)

Ironmongery: To approval of the Employer

- Refer to Elevation 2 for location

GENERAL NOTES - ALL WINDOWS

- Windows to be installed in strict accordance with the manufacturer's instructions - to meet the requirements of BS 6375 with respect to air permeability, water tightness and wind resistance.
- Window openings to comply with the latest Approved Document O of the Building Regulations.
- Windows to comply with Approved Document Q of the Building Regulations, and to be designed and manufactured to meet the security requirements of PAS 24:2016.
- Each window shall have a concealed Espagnolette multipoint locking system operated by a single handle per sash.
- All Lower Ground / Ground floor windows are to have key operated locks with a key supplied for each.
- Upper floor windows shall be fitted with restrictors. All windows above first floor level should be able to be cleaned internally (for example fitted with reversible child proof hinges).
- All glazing to incorporate hermetically sealed double glazed units and dry glazed internally to BS EN 1279, with low E coated argon filled cavity to achieve the specified minimum U-values - *where relaxation on heritage grounds not agreed with Building Control*
- Toughened safety glass to BS 6206 Class C / BS EN 12600 to be used on windows wholly or partially within 800mm of the floor level, (all to comply with Approved Document K4: Section 5: Diagram 5.1).
- All glass shall be of the required thickness to meet windload and safety requirements of BS 6262, and comply to BS 952: Part 1, and the Code of Practice for Glazing of Buildings.

IMPORTANT NOTE: All dimensions have been taken from measured building survey provided by Rochdale Borough Council. Dimensions are to be checked on site prior to manufacture and installation.

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DRAWING NOT TO BE SCALED: FIGURE DIMENSIONS TO BE WORKED TO IN ALL CASES.
THE CONTRACTOR IS RESPONSIBLE FOR CHECKING DIMENSIONS, TOLERANCES & REFERENCES.
ANY DISCREPANCY TO BE VERIFIED WITH THE ARCHITECT BEFORE PROCEEDING WITH THE WORKS.
REPORT ERRORS & OMISSIONS TO ARCHITECT.
WHERE AN ITEM IS COVERED BY DRAWINGS OF DIFFERENT SCALE, THE LARGER SCALE DRAWING TO BE WORKED TO. DO NOT SCALE FROM THE DRAWING. FIGURED DIMENSIONS TO BE WORKED TO IN ALL CASES.
CHECK ALL DIMENSIONS ON SITE.
DRAWING TO BE READ IN CONJUNCTION WITH THE HEALTH & SAFETY PLAN AND ALL RELEVANT RISK ASSESSMENTS AND THE FOLLOWING DRAWINGS:

MATERIAL KEY

- Clear Glass**
(*Fanlight above ED01 and W111*)
- Obscured Toughened Glass**
(*Vision panels*)

TO BE READ IN CONJUNCTION WITH:

4201 Proposed Elevations

4850 **Type 1** Ground Floor Windows - W105 and W106

4851 **Type 2** Cellar Windows - W01 & W02

4852 **Type 3** Cellar Windows - W03, W04 & W05

Scale
0m 0.2m 0.4m 1m

C07 04.07.25 SAC Planning Issue (Condition 4 Discharge / additional information) - Lower ground office Type 3 window elevation amended to Tilt & Turn profiles (as dwg 4852)

C06 06.06.25 SAC Construction Issue
C05 05.06.25 SAC Planning Issue - Condition 4 Discharge
C04 02.06.25 SAC Building Control Issue
C03 29.05.25 SAC Pre Planning Issue - For Comment
C02 24.04.25 SAC Construction Issue
C01 14.04.25 SAC First Construction Issue

Rev Date By Remarks

Client
Rochdale Borough Council

Project No. / Project Name:
23-032 / Castle Inn, Rochdale

Drawing Name:
Window Schedule - Sheet 2

Drawing Purpose:
CONSTRUCTION ISSUE

Project Origin Vol/Sys Level Type Role Drg No.: Revision
FCI - TRI - ZZ - 00 - DR - A - 4821 C07

Status Scale @ A1 Draw Check Date

As indicated JH HR May 2024

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