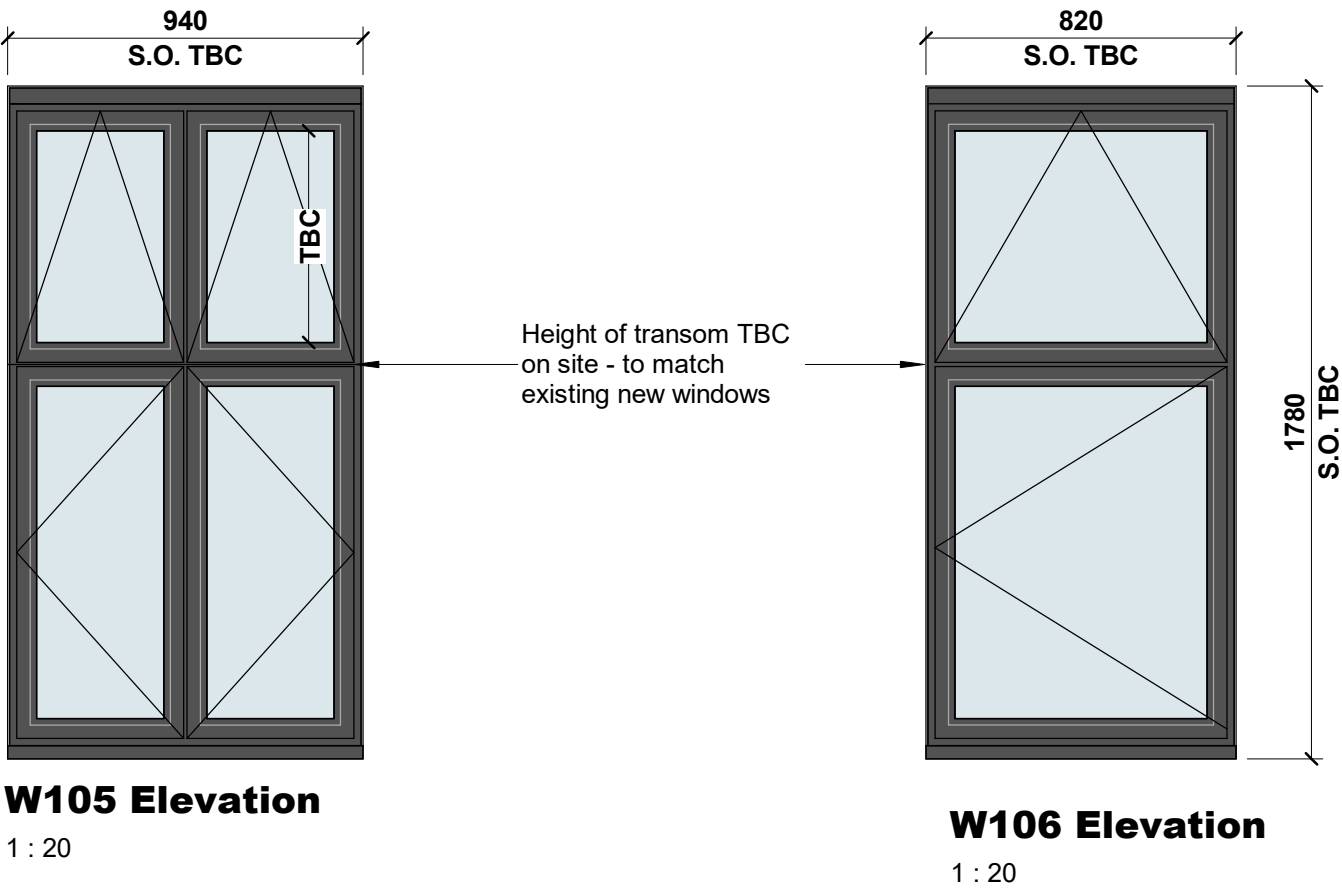


GROUND FLOOR APARTMENT WINDOWS - PROPOSED

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 / sill 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 - Elevation  
1 : 20

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.
- 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 to house two glazed opening lights - to take barrier loading.
- New openable fanlight above, to achieve PAS24: 2012  
**Note:** ideally fanlight to maintain curved head aperture detail above, as the original fanlight. If this is not achievable, transom to be inserted, with an arched enscribed fill in panel above - as illustrated in adjacent 'W111 Enscribed Head' elevation).

**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 - TBC.

**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

**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



W01 and W02 Elevation  
1 : 20

**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/m²K, with a double glazed unit / centrepane of 1.0W/m²K

**G Value:** 0.63 W/m²K

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

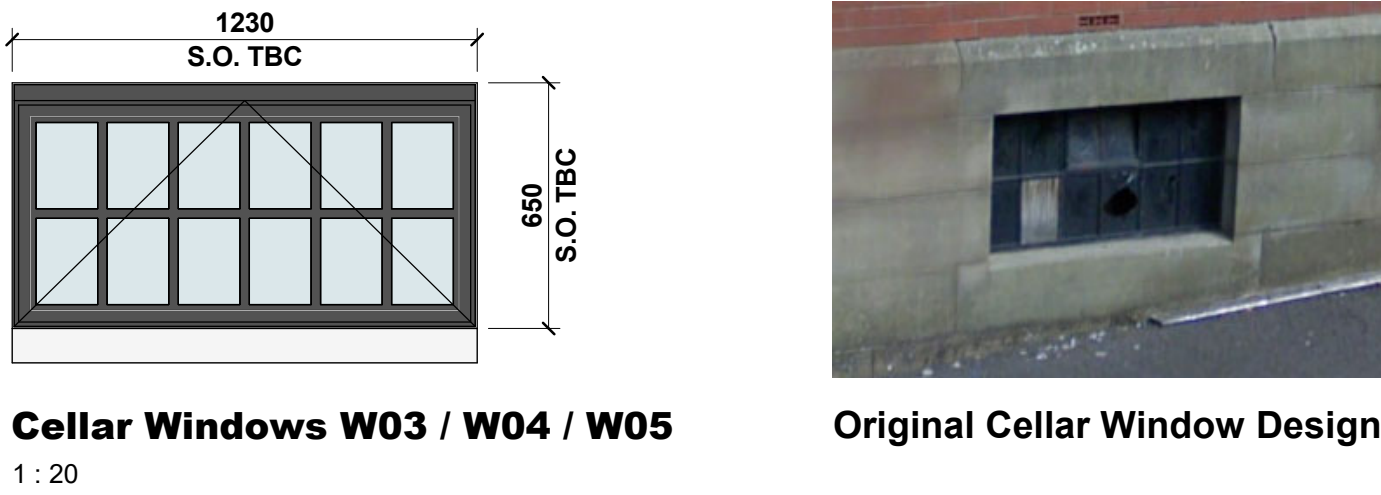
**Ironmongery:** To approval of the Employer

- 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



Cellar Windows W03 / W04 / W05  
1 : 20

**Description:**  
Modern like-for-like thermally broken aluminium polyamide casement 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/m²K, with a double glazed unit / centrepane of 1.0W/m²K

**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)

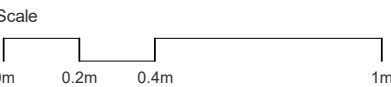
TO BE READ IN CONJUNCTION WITH:

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



|     |          |     |                                        |
|-----|----------|-----|----------------------------------------|
| 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:            | PLANNING                      |         |       |      |          |           |
| Project                     | Origin                        | Vol/Sys | Level | Type | Role     | Drig No.: |
| FCI                         | TRI                           | - ZZ    | - 00  | - DR | - A      | - 4821    |
| Status                      | Scale @ A1                    | Drawn   | Check | Date | Revision |           |
| As indicated JH HR May 2024 |                               |         |       |      |          | C05       |

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