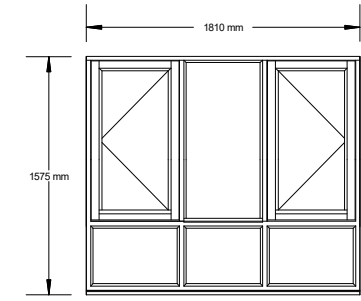
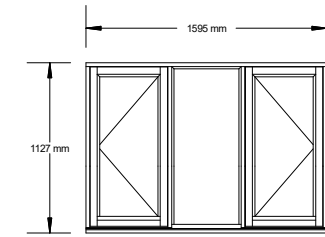


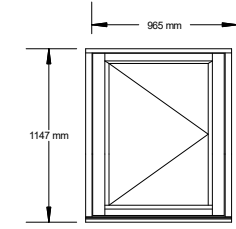
WG1, WG2



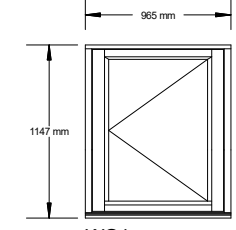
WG1.1, W1.3



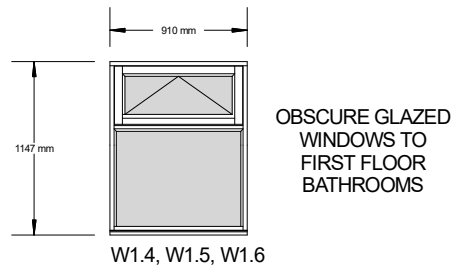
W1.2



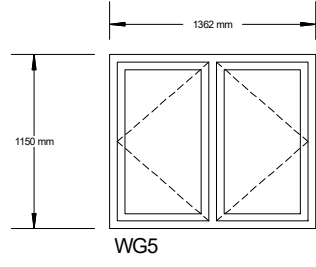
WG3



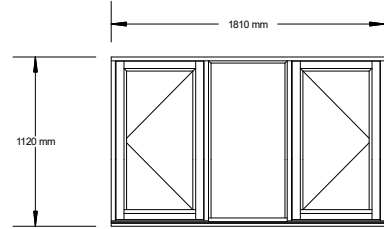
WG4



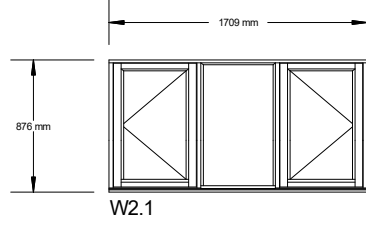
W1.4, W1.5, W1.6



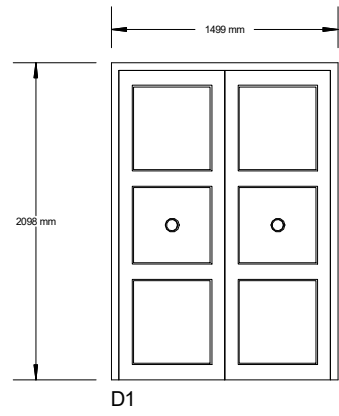
WG5



W1.7, W1.8

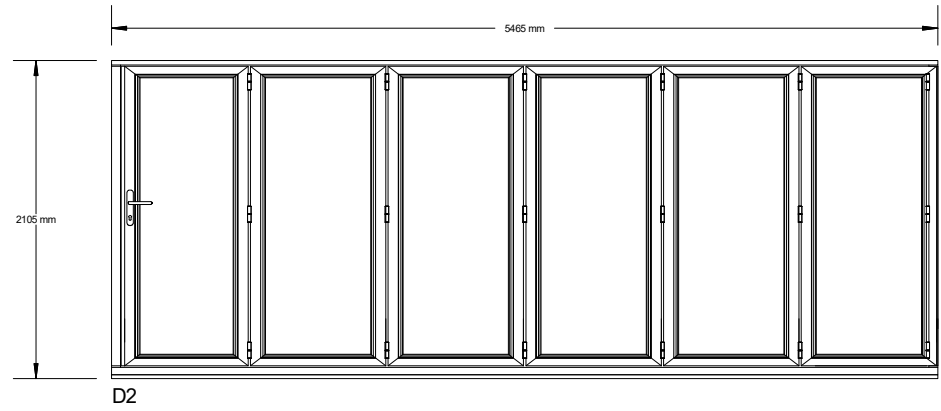


W2.1



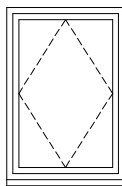
D1

FRONT DOOR  
STYLE TO BE CONFIRMED



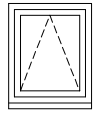
D2

BIFOLDING DOORS  
CONFIGURATION TO BE AGREED



RL1, RL3, RL4, RL5

Velux Roof Light MK06



RL2

Velux Roof Light CK01

**DIMENSIONS AND CONFIGURATIONS ARE INDICATIVE AND WILL BE SUBJECT CLIENT APPROVAL AND SITE REMEASUREMENT**

**GLASS AND GLAZING SPECIFICATION**  
Regulatory Framework

All windows and external doors in a new build must comply with the Building Regulations and relevant Approved Documents. These include (but are not limited to):  
GOV.UK

Approved Document B – Fire safety  
Approved Document F – Ventilation  
Approved Document L – Conservation of fuel and power (energy efficiency)  
Approved Document K – Protection from falling, collision & impact  
Approved Document M – Access and usability  
Approved Document O – Overheating  
Approved Document Q – Security in dwellings (new builds)

**Energy Efficiency (Part L)**  
U-value targets:  
Windows: U-value = 1.2 W/m<sup>2</sup>·K  
External doors: U-value = 1.2 W/m<sup>2</sup>·K

**Thermal bridging & airtightness:**  
Frames must be thermally broken where required and installed with continuous air seals. Thermal bridging must be minimised as part of the whole-house fabric performance strategy.

**Ventilation (Part F)**  
New windows must provide background ventilation, via trickle vents or other equivalent ventilation measures.  
Openable sections to provide purge ventilation with openable areas equivalent to at least 1/20 of the rooms floor area

**Fire Safety & Escape (Part B)**  
Escape windows: First and Second Floor bedrooms must have windows capable of providing an emergency escape route, typically with a minimum unobstructed opening area (e.g., ~0.33 m<sup>2</sup> with minimum dimensions like 450 mm height/width).

**Safety Glazing & Protection (Part K)**  
Safety glass (e.g. toughened/laminated) is required in:

All external doors,  
Side panels near doors,  
Windows with low sills (e.g., below ~800 mm above finished floor level),

**Security – Resistance to Forced Entry (Part Q)**  
Windows and external doors should resist common physical attacks (intrusion).

Windows and doors must be Part Q compliant BS PAS 24 (or equivalent STS/LPS security standards).

**Access & Use (Part M)**  
External door openings should meet accessibility requirements:

Minimum clear opening widths and low-threshold access where specified to ensure ease of use for all occupiers and visitors.  
Designs must consider wheelchair access and general usability.

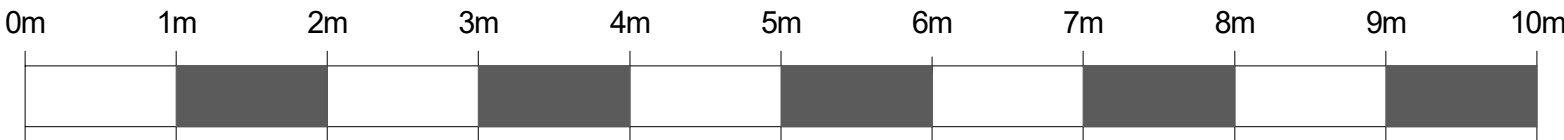
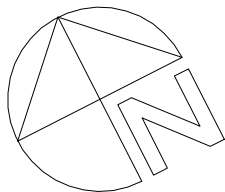
**Overheating (Part O)**  
Design must avoid overheating: Glazing size, orientation and shading should be considered as part of compliance with overheating guidance.  
Ventilation and solar control measures may be integrated.

**Standards, Testing & Marking**  
Products should meet relevant British/European/UK standards:  
UKCA or CE marking for windows and doors is required  
Standards like BS 644, BS 6375 (performance), etc., help demonstrate compliance.  
Manufacturers will supply test certificates as part of compliance evidence.

PROJECT  
72 Sweetcroft Lane  
Hillingdon  
PROPOSAL  
NEW 4 BEDROOM HOUSE

|                           |
|---------------------------|
| SCALE: 1-50 @ A2          |
| DRAWN: Andy Wilcock       |
| DATE: 26th November 2025  |
| DRAWING NUMBER<br>534 - 8 |
| REV                       |

|                            |             |      |
|----------------------------|-------------|------|
| Windows and External Doors |             |      |
| REV                        | DESCRIPTION | DATE |
|                            |             |      |
|                            |             |      |



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