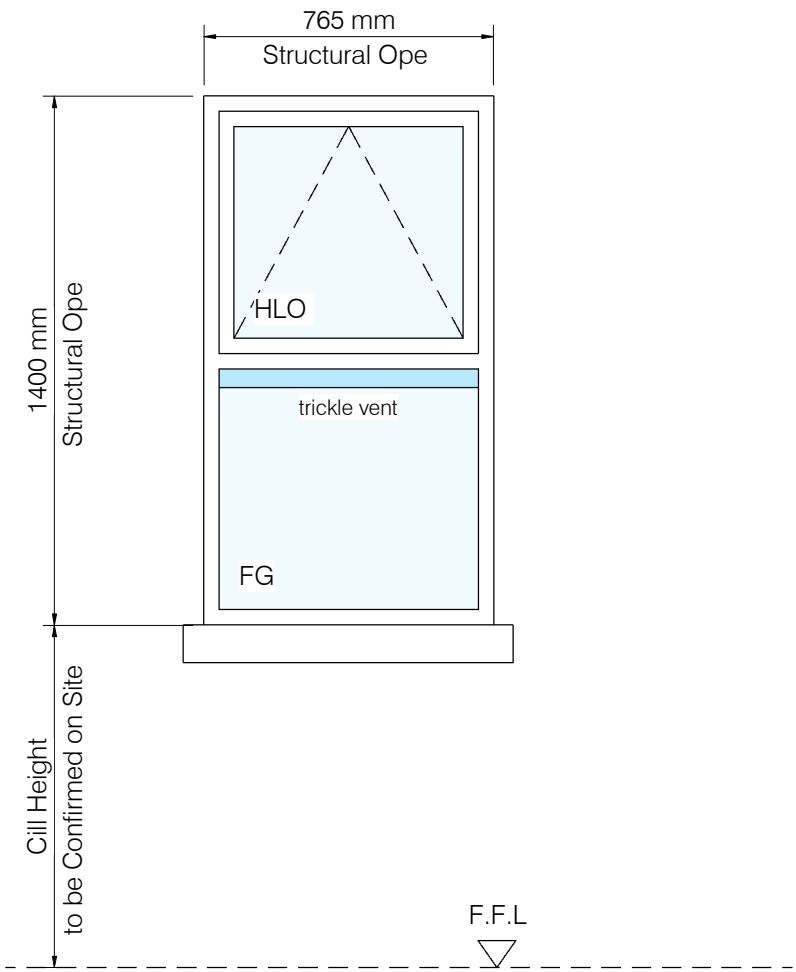




WINDOW TYPE 1 (1 UNIT)

WINDOW NUMBER: W01

LOCATION: PREP ROOM

COMMENT: TOP HUNG / FIXED THERMAL BROKEN ALUMINUIM TRIPLE GLAZING AS INDICATED, REFER TO ARCHITECTS S.O,W FOR SPEC

- Style and break-ups to be signed off by Architect prior to order.
- Provide for double/ Triple glazed polyester powder coated, commercial grade, thermally broken aluminium windows specified exceeding D.O.E TGD 021-1. **U-value to exceed the performance of 1.2 W/m²K** as per 2021 building regulations (nZEB).
- Contractor to include for the supply and fitting of all units and is responsible for accurately measuring structural openings prior to ordering. All windows to be foam filled to perimeter, mastic sealed to vertical DPC joint upon completion of external reveals. Internal reveals to be caulk filled upon completion of internal plaster reveal.
- Windows must have a design life span of 40 years.
- All windows to be polyester powder-coated aluminium systems. Extruded aluminium profiles shall be fabricated from designated treated alloy 6060 or 6063 in tempers T4, T5 or T6 conforming to bs EN 755-9:2001. The aluminium profiles used in the construction of the frames excluding glazing beads, nibs, interlocks and similar features shall be, at minimum tolerance, not less than 1.2 mm thick.
- All windows are to be double / Triple glazed and thermally broken. Windows shall be glazed in accordance with the recommendations given in BS 6262:2018.
- Colour of window systems to be confirmed by architect prior to confirmation order.
- All high-level opening sections to have low level manual winders for opening, supplied by window contractor. Where opening window that are considered to be unreachable, they shall be fitted with manual winding window gearing. Each set of windows shall be controlled by 1 no. Operator; windows shall be opened using 380mm chain openers with conduit, winder cables and saddle fixings to wall. All components shall be finished in a selected polyester powder coated paint finish.
- **All opening sections to be fitted with restrictors** preventing sections from opening beyond 100mm. High level opening sections to be fitted with winders allowing windows to open 320mm.
- External windows to be thermally broken polyester powder-coated aluminum window system with a thermal performance to comply with 'the recommendations given in BS 6262: 2018, to withstand the design wind pressure calculated in accordance with BS 6375-1:2015. The type and quality of glass shall conform to BS 952-1:1995.
- All safety glazing to be toughened and laminated glass.
- All glazing to toilet and shower area to include opaque glazing, sample to be approved by architect.
- Weather tightness to BS 6375-1:2015. Weather strips and gaskets to BS 4255 part 1.
- Standard ironmongery to all windows to be agreed with architect prior to Manufacture.
- Threshold piece to all external doors to be supplied and fitted by window contractor with 15mm max height.
- All external windows to be submitted to architect as shop drawings with sample provided for written approval of architect prior to manufacture.
- The completed window shall conform to the performance requirements for operation and strength specified in BS 6375-2.
- Blinds to conform to D.o.E specification, See Below.
- No windows should be manufactured without written approval of window samples as set out in the works requirement. All of the above to be carried out by window sub-contractor.

ARCHITECTURAL DRAWINGS ONLY:

ALL WINDOW DIMENSIONS TO BE MEASURED ON SITE AND CONFIRMED BY WINDOW MANUFACTURE PRIOR TO ORDER.

WINDOW OPENING SECTIONS & DIRECTIONS TO BE CONFIRMED BY CLIENT PRIOR TO MANUFACTURE.

DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTS PLANS & ELEVATIONS FOR OPENING/ FIXED SCREENS

ARCHITECT MUST BE NOTIFIED OF ANY DISCREPANCIES OF WINDOWS / DOOR OPENINGS FROM DRAWINGS PRIOR ORDER IS COMPLETE.

TRICKLE VENTILATION TO BE PROVIDED IN ACCORDANCE WITH TGD PART F.

NOTE : RESTRICTORS SHOULD OPERATE SO THAT THEY LIMIT THE INITIAL MOVEMENT OF AN OPENING SECTION TO NOT MORE THAN 100mm. LOCKABLE HANDLES OR ESTRICTORS, WHICH CAN ONLY BE RELEASED BY REMOVAL KEY OR OTHER TOOLS SHOULD NOT BE FITTED TO WINDOW OPENING SECTIONS WHICH ARE REQUIRED FOR ESCAPE PUPROSES (SEE TGD PART B VOLUME 2 2017 - FIRE SAFETY)

CILL HEIGHTS VARY, REFER TO ELEVATIONS