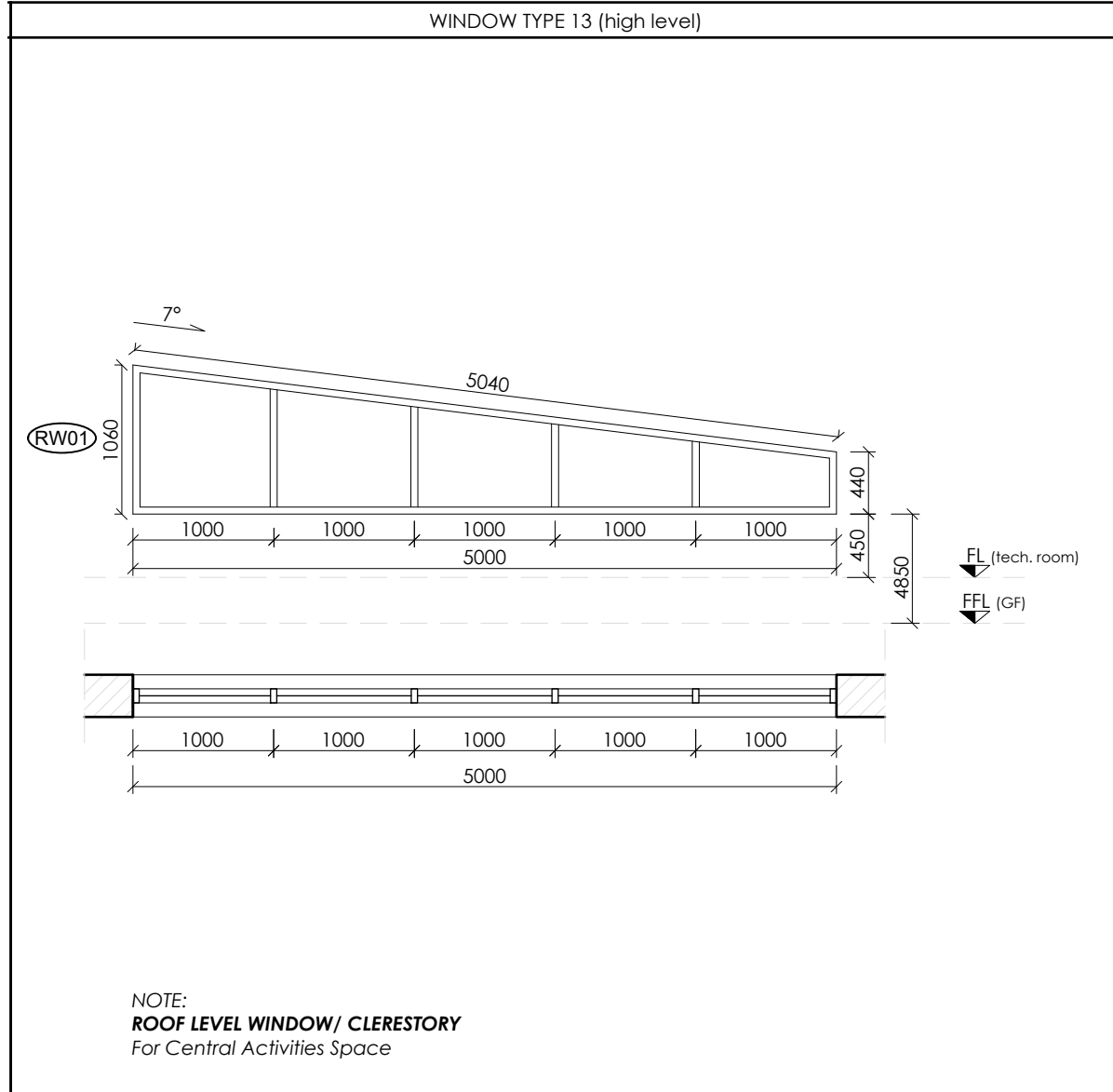
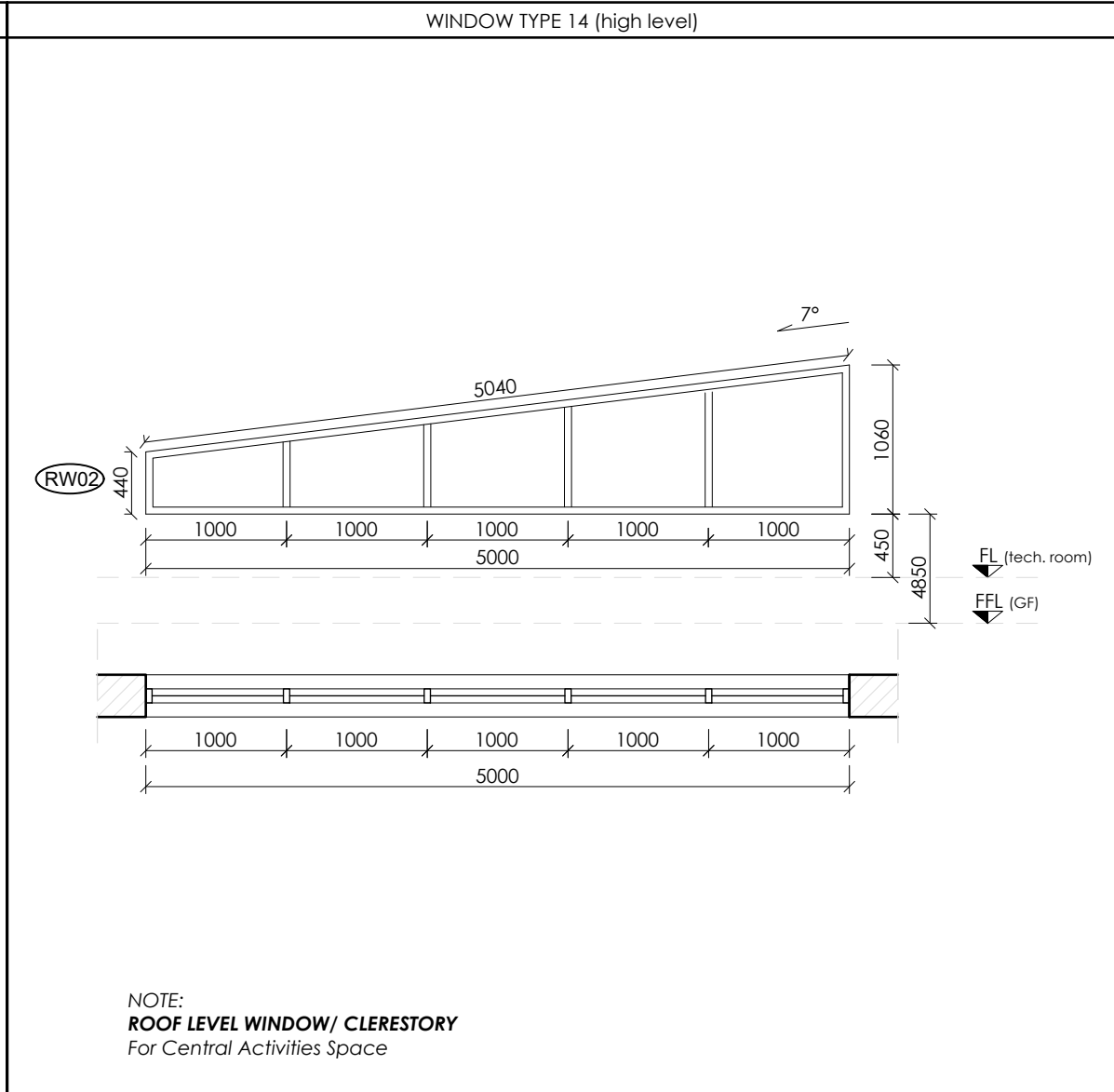
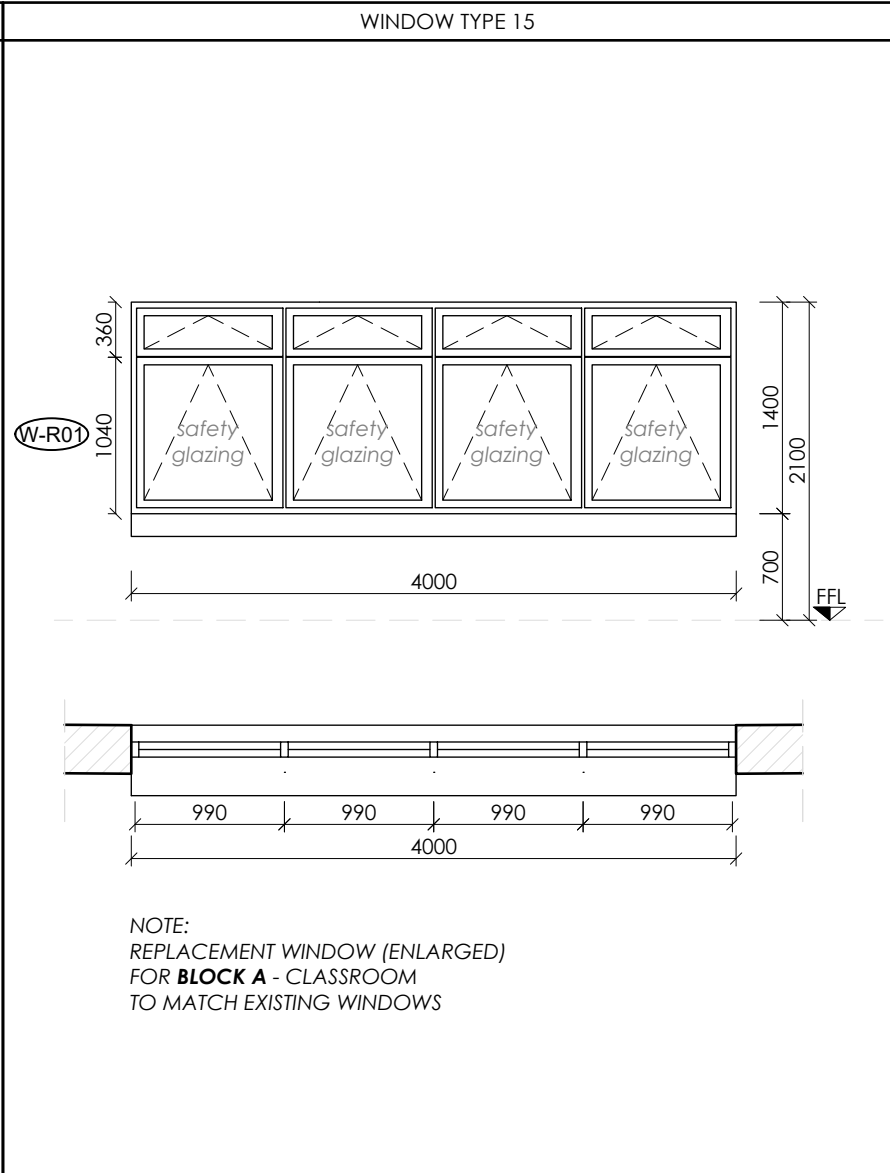
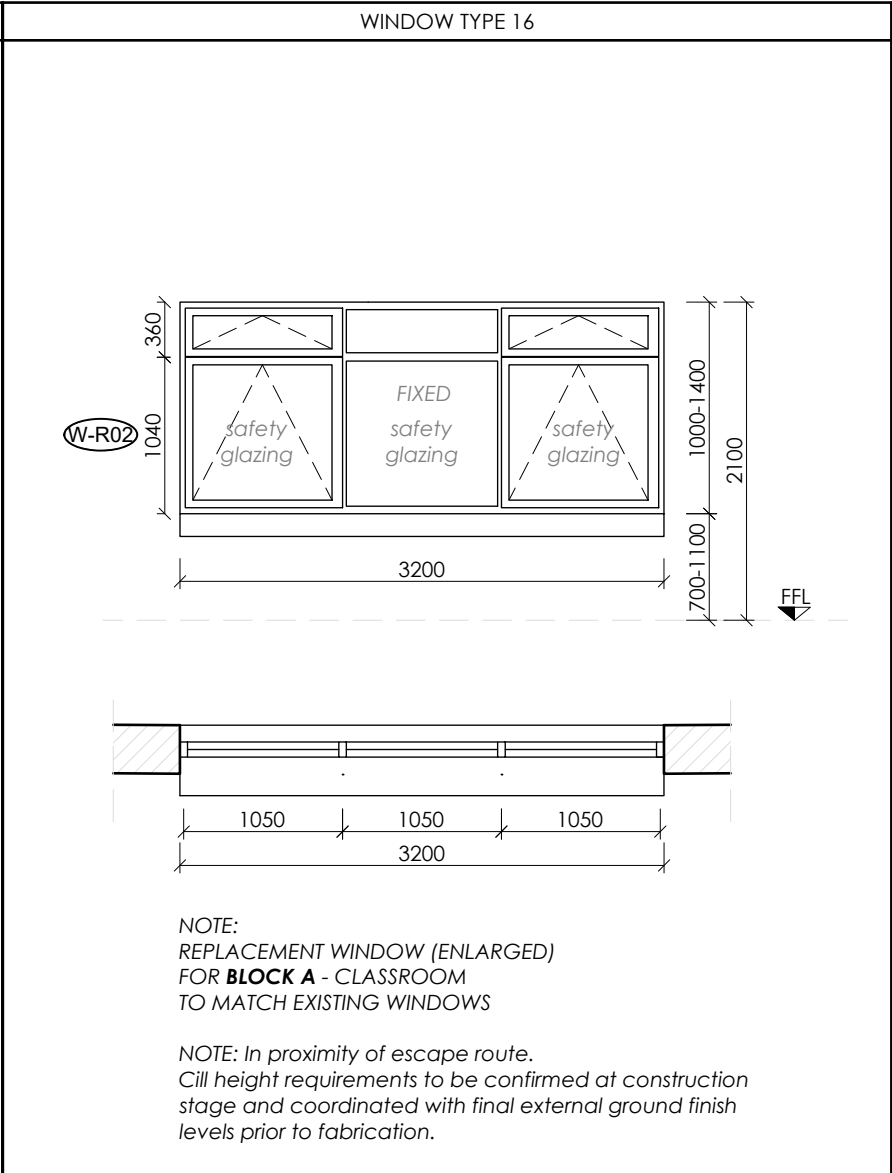
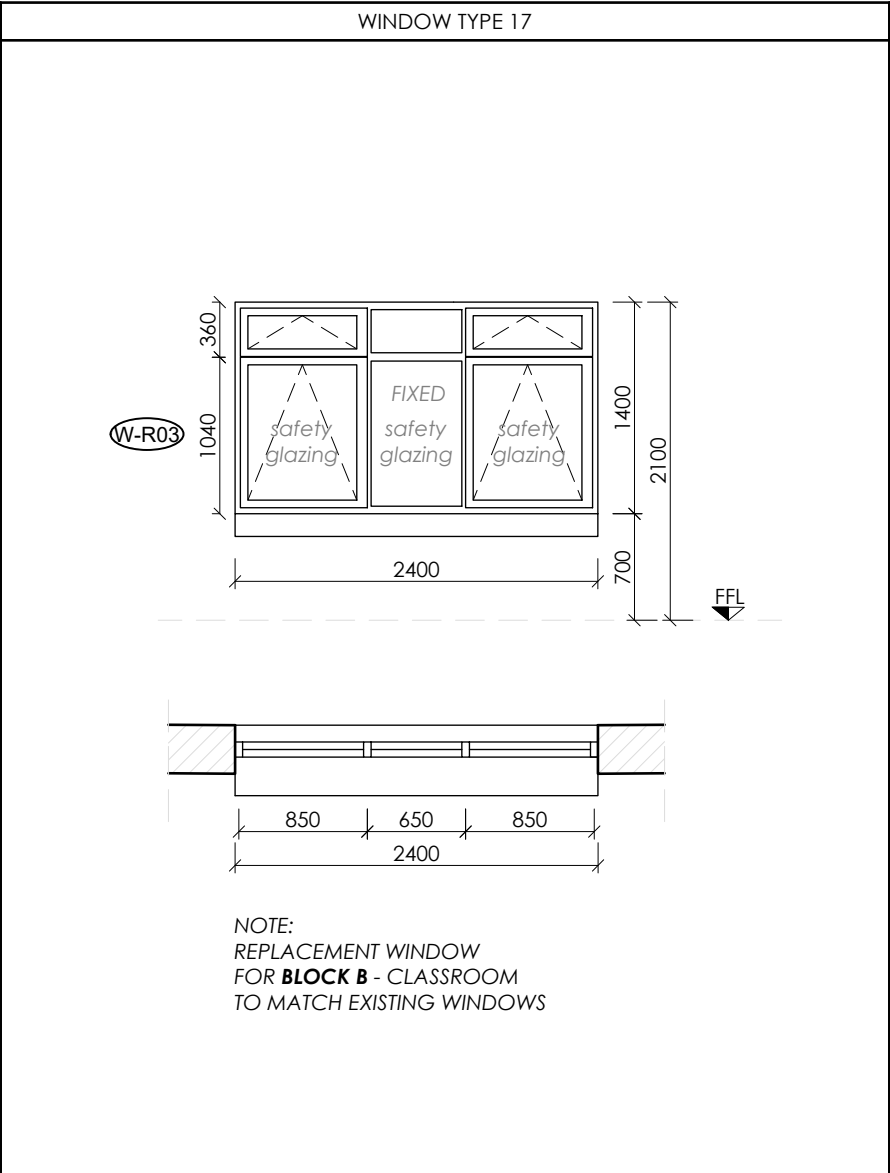
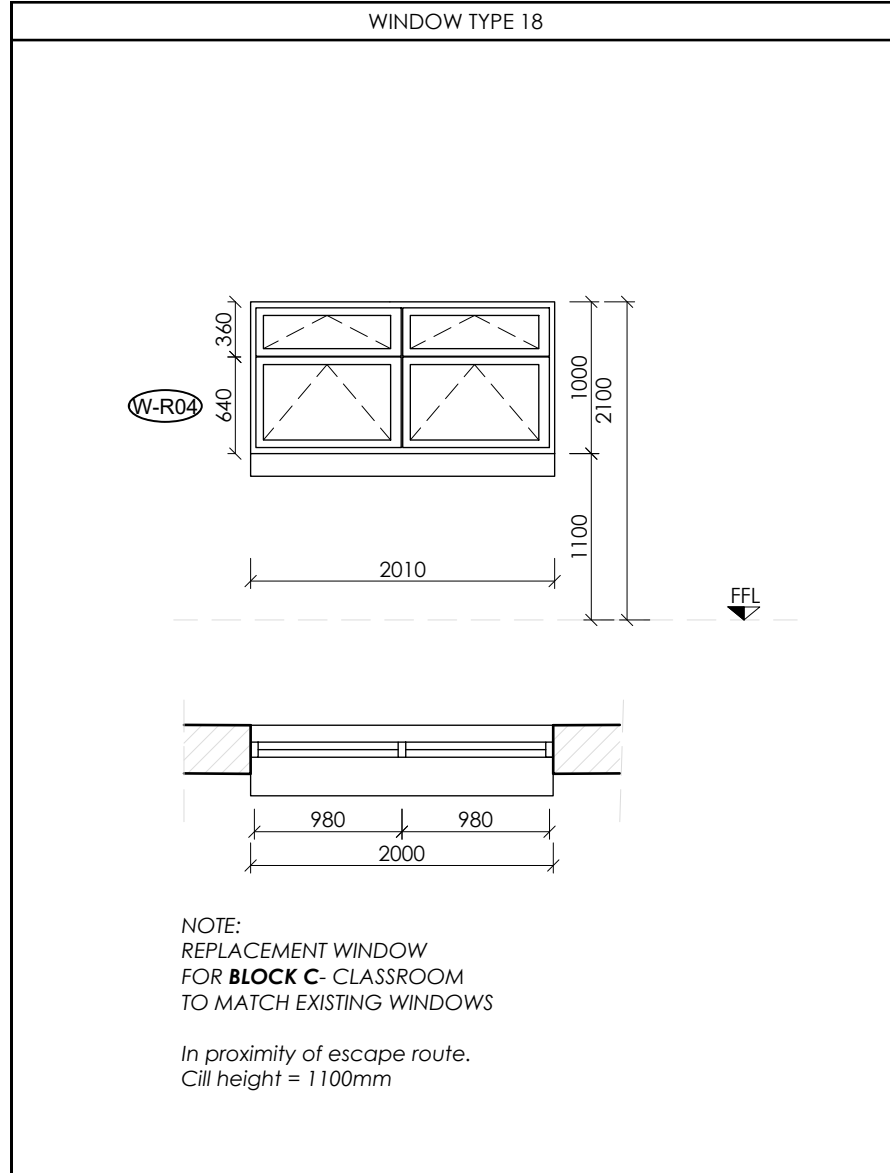
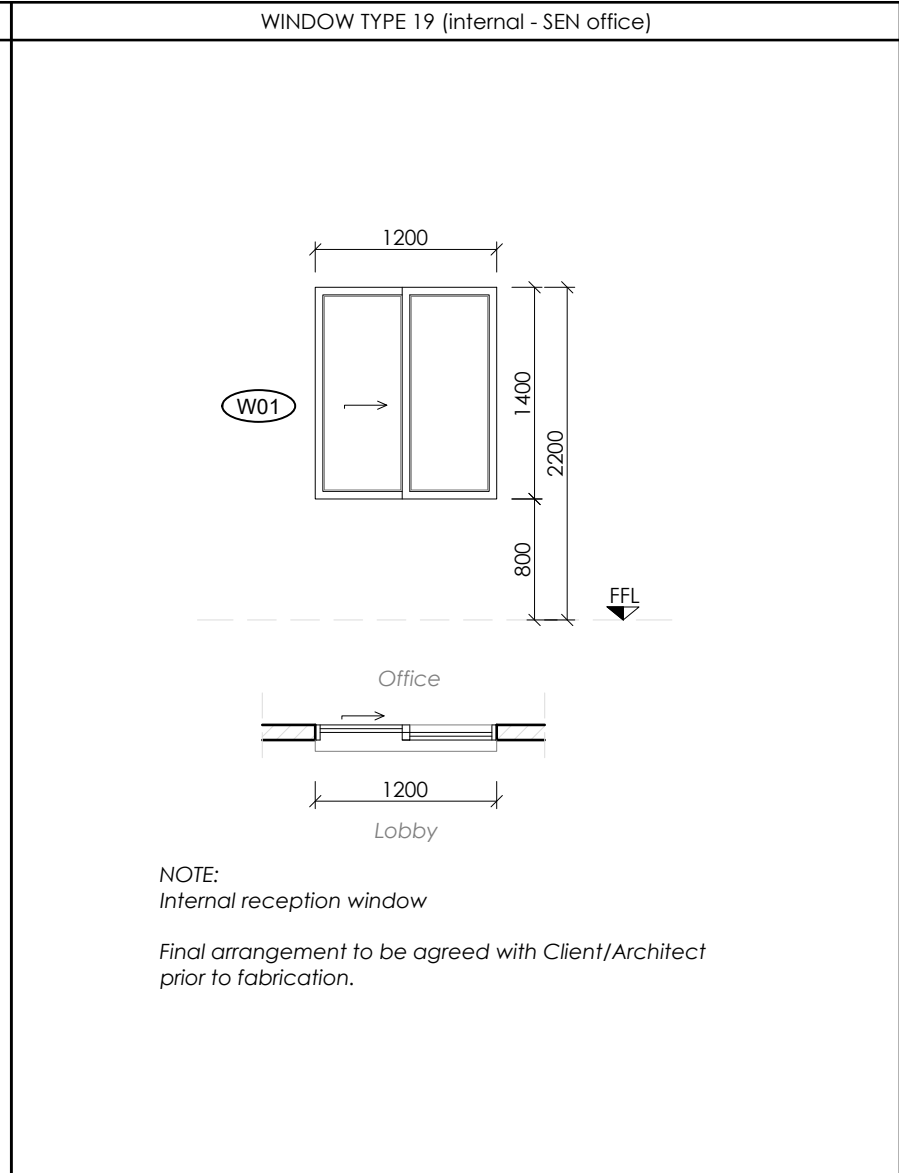
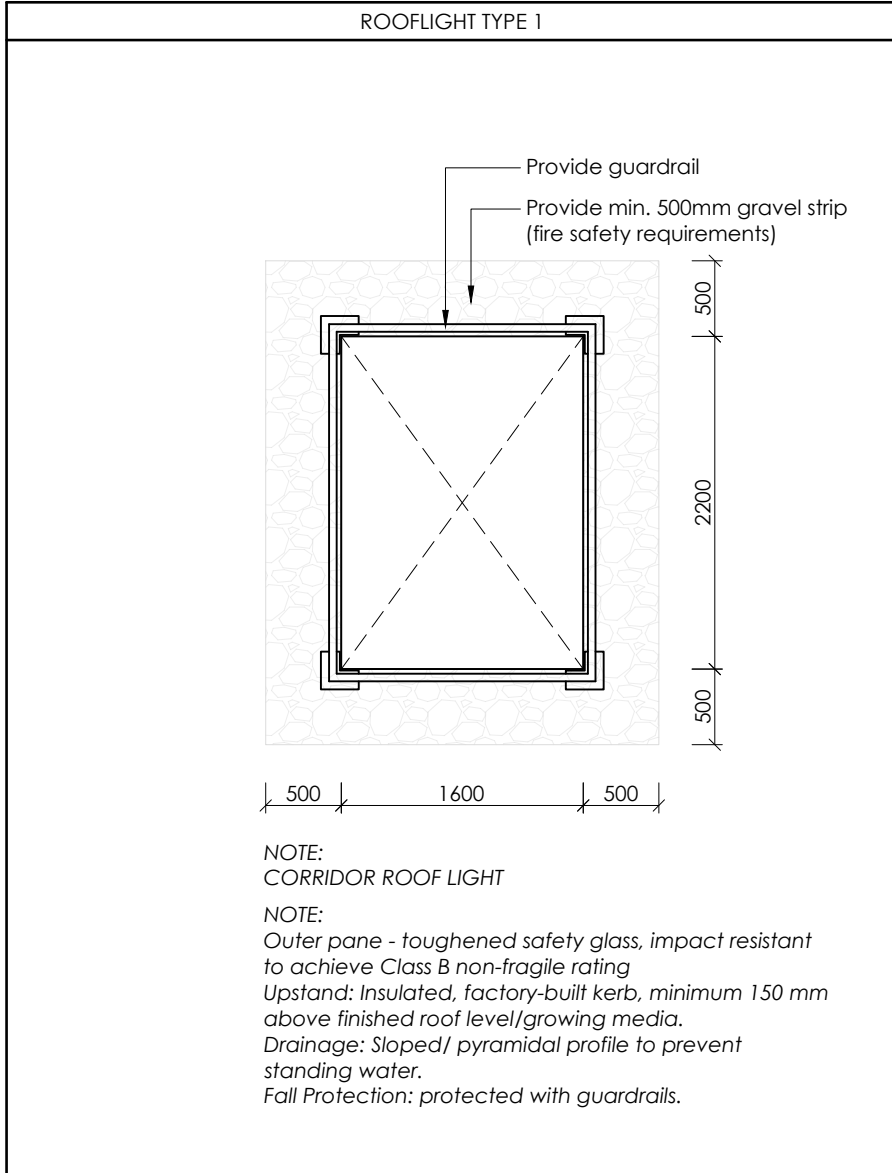
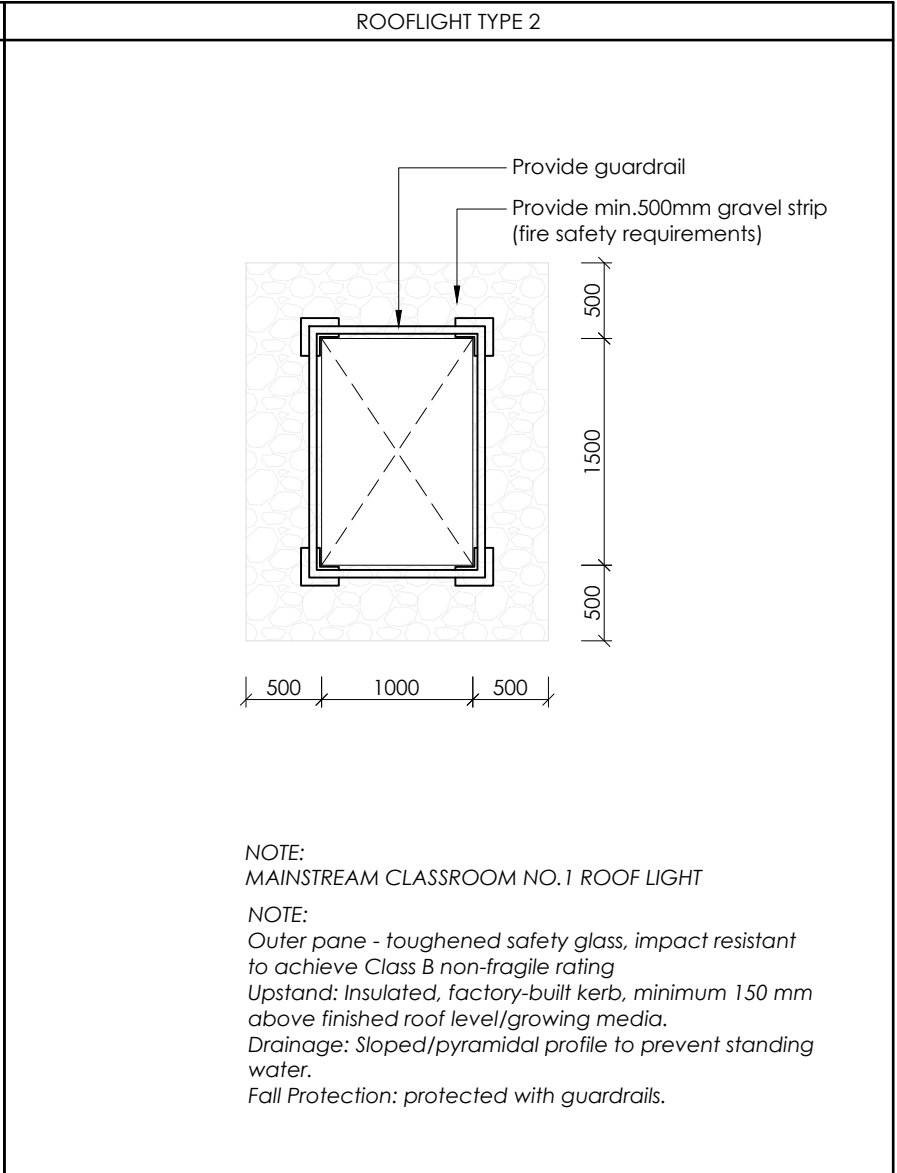


Note: Read in conjunction with the Part L Compliance Report

WINDOW TYPE 13 (high level)  NOTE: ROOF LEVEL WINDOW/ CLERESTORY For Central Activities Space	WINDOW TYPE 14 (high level)  NOTE: ROOF LEVEL WINDOW/ CLERESTORY For Central Activities Space	WINDOW TYPE 15  NOTE: REPLACEMENT WINDOW (ENLARGED) FOR BLOCK A - CLASSROOM TO MATCH EXISTING WINDOWS	WINDOW TYPE 16  NOTE: REPLACEMENT WINDOW (ENLARGED) FOR BLOCK A - CLASSROOM TO MATCH EXISTING WINDOWS NOTE: In proximity of escape route, Cill height requirements to be confirmed at construction stage and coordinated with final external ground finish levels prior to fabrication.	WINDOW TYPE 17  NOTE: REPLACEMENT WINDOW FOR BLOCK B - CLASSROOM TO MATCH EXISTING WINDOWS
Tag: RW01 Quantity: 1 Glazing: Double glazed argon filled cavity with low/e softcoat. Frame: Thermally broken aluminium n/a Handles: 50mm profile painted concrete to match existing Reveals: to match cladding	Tag: RW02 Quantity: 1 Glazing: Double glazed argon filled cavity with low/e softcoat. Frame: Thermally broken aluminium n/a Handles: 50mm profile painted concrete to match existing Reveals: to match cladding	Tag: W-R01 Quantity: 1 Glazing: Double glazed argon filled cavity with low/e softcoat. Frame: To match existing Handles: To match existing. Simple button locks with no keys Sills: 50mm profile painted concrete napp plaster bands to match existing Reveals: Restrictor fitted to window to restrict opening to 100mm. Safety glass to lower panes (glass below 800mm) Special: Upper operable windows to have mechanical winder opening system	Tag: W-R02 Quantity: 1 Glazing: Double glazed argon filled cavity with low/e softcoat. Frame: To match existing Handles: To match existing. Simple button locks with no keys Sills: 50mm profile painted concrete napp plaster bands to match existing Reveals: Restrictor fitted to window to restrict opening to 100mm. Safety glass to lower panes (glass below 800mm) Special: Upper operable windows to have mechanical winder opening system	Tag: W-R03 Quantity: 1 Glazing: Double glazed argon filled cavity with low/e softcoat. Frame: To match existing Handles: To match existing. Simple button locks with no keys Sills: 50mm profile painted concrete napp plaster bands to match existing Reveals: Restrictor fitted to window to restrict opening to 100mm. Safety glass to lower panes (glass below 800mm) Special: Upper operable windows to have mechanical winder opening system

WINDOW TYPE 18  NOTE: REPLACEMENT WINDOW FOR BLOCK C - CLASSROOM TO MATCH EXISTING WINDOWS In proximity of escape route. Cill height = 1100mm	WINDOW TYPE 19 (Internal - SEN office)  NOTE: Internal reception window Final arrangement to be agreed with Client/Architect prior to fabrication.
Tag: W-R04 Quantity: 1 Glazing: Double glazed argon filled cavity with low/e softcoat. Frame: To match existing Handles: To match existing. Simple button locks with no keys Sills: 50mm profile painted concrete napp plaster bands to match existing Reveals: Restrictor fitted to window to restrict opening to 100mm. Special: Upper operable windows to have mechanical winder opening system	Tag: W01 Quantity: 1 Glazing: Double glazed argon filled cavity with low/e softcoat. Frame: Thermally broken Aluminium Reveals: Fair-faced blockwork or selected timber frame Special: Sliding office (reception) window. Final arrangement to be agreed.

ROOFLIGHT TYPE 1  NOTE: CORRIDOR ROOF LIGHT NOTE: Outer pane - toughened safety glass, impact resistant to achieve Class B non-fragile rating. Upstand: Insulated, factory-built kerb, minimum 150 mm above finished roof level/growing media. Drainage: Sloped/ pyramidal profile to prevent standing water. Fall Protection: protected with guardrails.	ROOFLIGHT TYPE 2  NOTE: MAINSTREAM CLASSROOM NO.1 ROOF LIGHT NOTE: Outer pane - toughened safety glass, impact resistant to achieve Class B non-fragile rating. Upstand: Insulated, factory-built kerb, minimum 150 mm above finished roof level/growing media. Drainage: Sloped/pyramidal profile to prevent standing water. Fall Protection: protected with guardrails.
Type: Fixed domed or pyramidal/FE hipped glazed rooflight. Glazing: Double-glazed glass unit or polycarbonate dome to EN 14963, minimum 16 mm, UV-protected, impact resistant. Daylight: Clear or diffused glazing to provide bright, even daylight in circulation areas.	Type: Fixed pyramidal/ FE hipped glazed rooflight. Glazing: Triple glazed. Low-E soft coat with argon filling. Solar-control coating to reduce risk of overheating and glare. 0.35-0.45 Diffused light to reduce glare. Laminated inner pane to provide Rw ≥ 38 dB sound insulation (Part E compliance).

SPECIFICATIONS

- 1. General**
- 1.1 Provide complete window assemblies including frames, glazing, hardware, fixings, sealants, and accessories necessary for a fully functional installation.
- 1.2 All products and workmanship shall comply with the current Irish Building Regulations, relevant EN Standards, and DaE guidelines for school buildings.
- 2. Submittals**
- 2.1 Shop Drawings: Submit complete shop drawings for all window types prior to commencement of fabrication. Drawings shall include: Profiles, opening arrangements, glazing details, thermal breaks, drainage, and hardware. Interfaces with adjacent construction and finishes.
- 2.2 Declarations of Performance (DoP): Provide manufacturer's CE marking documentation and Declaration of Performance.
- 2.3 Samples/Mock-ups: Provide samples of proposed frames and glazing for review if requested by the Architect/ER.
- 2.4 Special Windows: Submit proposals for any non-standard or special window types (e.g. office reception windows, security-rated or acoustic windows) for approval prior to ordering.
- 3. Dimensions**
- 3.1 All dimensions shall be taken and verified on site prior to fabrication.
- 3.2 Adjust fabrication drawings to reflect actual site conditions and coordinate with structural openings, internal partitions, and façade finishes.
- 4. Performance Requirements**
- 4.1 Thermal Performance: Windows to achieve or exceed U-values in line with current TGD Part L – Conservation of Fuel and Energy requirements for schools, and **as specified in the Part L Compliance Report**.
- 4.2 Acoustic Performance: Provide glazing systems to meet acoustic attenuation levels suitable for teaching environments (in accordance with TGD Part E – Sound).
- 4.3 Safety: Provide safety glazing where required under BS EN 12600 and ensure restricted opening devices where required for child safety.
- 4.4 Security: Windows to comply with EN 1627 (burglar resistance) where specified.
- 5. Glazing Requirements**
- 5.1 Provide anti-glare treatment to all high-level classroom and circulation windows to control glare and solar gain.
- 5.2 Double or triple glazing to include low-E coatings and argon filling as appropriate.
- 5.3 Laminated or toughened safety glass to be used in compliance with safety standards for schools.
- 6. Fabrication & Installation**
- 6.1 Fabricate windows in accordance with approved shop drawings and performance documentation.
- 6.2 Install in accordance with manufacturer's recommendations and best practice, ensuring airtightness and weather resistance.
- 6.3 Coordinate with other trades to ensure proper integration with wall finishes, blinds/solar shading, and services.
- 7. Completion**
- On completion, provide: As-built drawings, Operation and maintenance manuals, Manufacturer's warranties.
- BLINDS: Provide internal blinds to all teaching spaces.** Blinds to comply with IS EN 13120. Blinds to be manually operated, heavy-duty roller blinds with steel tube, springless mechanism, side-winder chain control and child safety devices. Fabric to be light-coloured, dense basket-weave sunscreen material selected to: eliminate glare to teaching wags; whiteboards and projection screens, reduce solar gain, maintain adequate daylight to the space. Indicative performance criteria: Light transmission 9-12%; solar absorption 17-20%; openness factor 3-5%.
- Blinds to east and south-facing classroom windows to have 3% openness factor and provide secondary blind with 1% openness to windows adjacent to teaching walls with interactive boards where required for low sun conditions. Blinds to be identical in colour.
- Final blinds selection to be confirmed following full-size on site mock up to a representative teaching space with AV equipment in use.
- Blinds to be flame retardant and suitable for use in places of assembly. Provide certification as required. Blinds to be measured and coordinated following windows installation and prior to manufacture. Details to be submitted for approval.

NOTES :

This drawing is copyright and may not be copied or altered without permission.

Use only figured dimensions. Do not scale this drawing.

The contractor is responsible for checking all dimensions on site prior to construction.

The Architects are to be notified of any discrepancies prior to work commencing.

Levels and contours, shown on drawings, are relative to local datum unless specified

REVISION:	DATE:	DESCRIPTION:	INITIAL:	REVISION:	DATE:	DESCRIPTION:	INITIAL:

QUEEN OF ANGELS PRIMARY SCHOOL			
PROJECT: Additional Accommodation			
ADDRESS: Wedgewood, Sandford, Dublin, 16			
DRAWING:			
WINDOWS SCHEDULE (2 of 2)			
DRAWING: 22518-TEN	SCALE: 1:50	DATE: 24.09.2025	REV: MC
PROJECT: 22518-TEN-002		REV: MC	