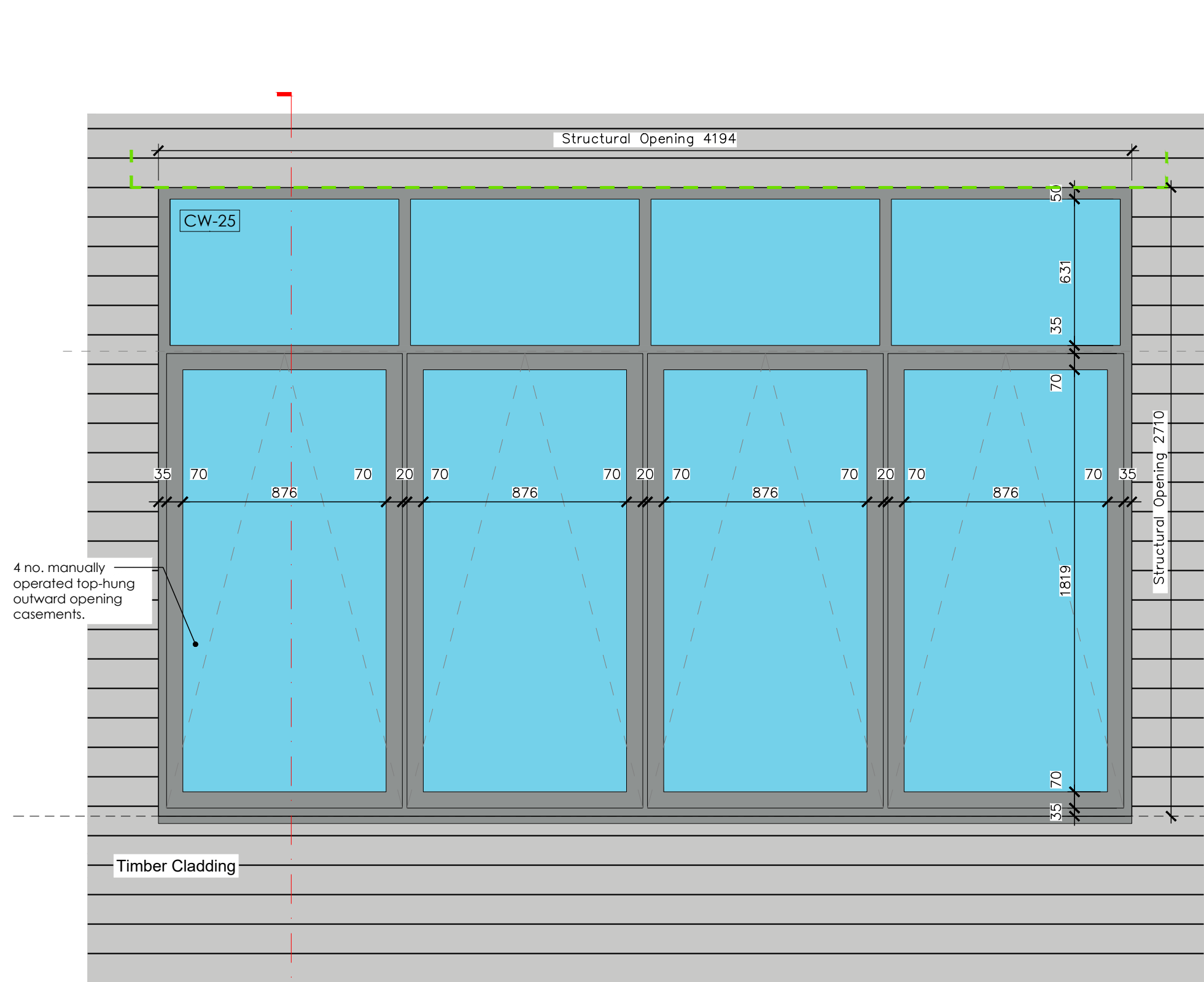
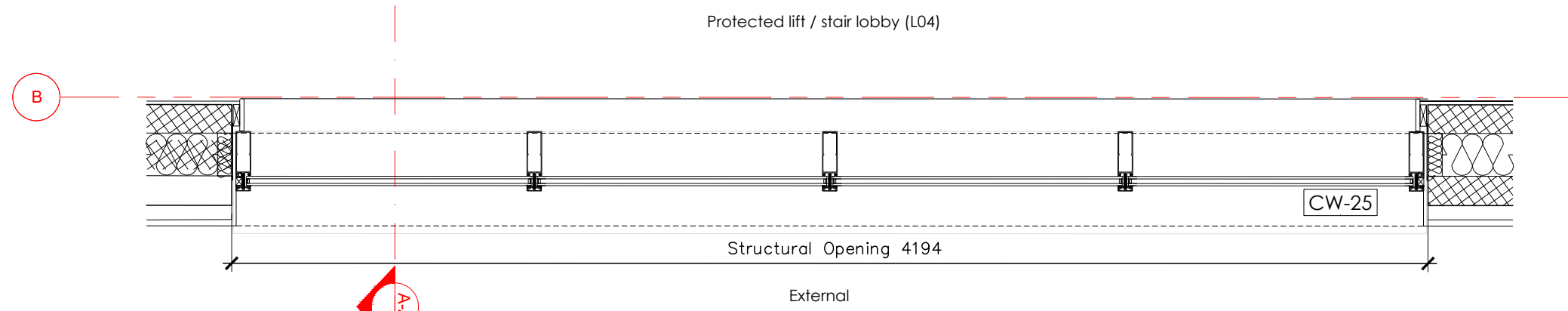
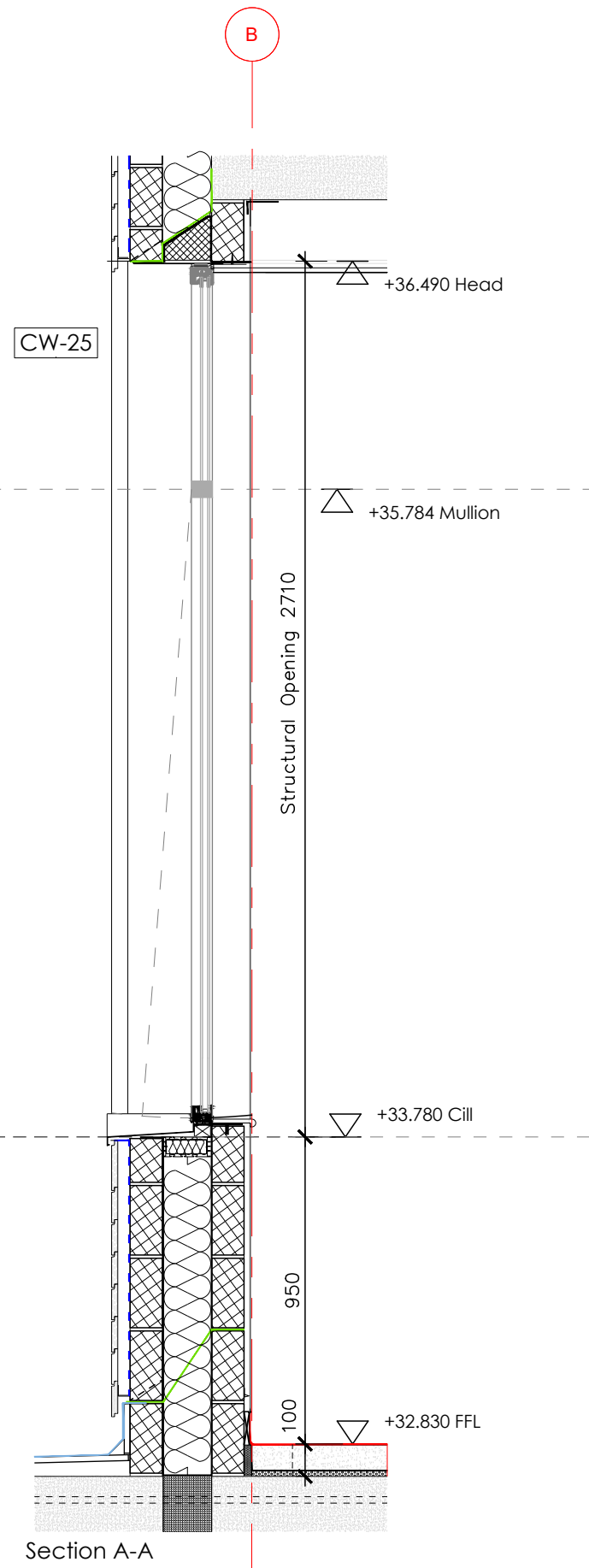




CW-25 Window - Elevation



CW-25 Window - Plan



- Notes:
- Blue fill = vision glazing
 - Green dashed line = cavity tray / cavity barrier zone, refer notes
 - Red dashed line = grid / section reference

Openable Aluminium Window System Notes

- Openable aluminium window system to be Technal Soleal Next 75, or equal approved, to match the adjacent Technal aluminium glazing systems.
- Window arrangement to comprise fixed glazing with 4 no. manually operated top-hung outward opening casements / ventilators, as indicated on the elevation drawings.
- Opening casement sizes to be as shown on the elevation drawings. Indicative casement size. Final sash size, weight, hinge arrangement, restrictors, stays, ironmongery and opening limits to be confirmed by the specialist window contractor prior to manufacture.
- Specialist contractor to confirm that the proposed top-hung casement size is within the tested and warranted limits of the selected aluminium window system.
- Natural ventilation to the lobby, area 87 m², is to be provided by 4 no. manually operated top-hung openable casements direct to outside air. Total free opening area to be not less than 1/50 of the lobby floor area, giving a minimum required free opening area of 1.74 m².
- Specialist window contractor to confirm the actual free opening area of the proposed casements, based on the final sash size, hinge arrangement, restrictor position and maximum restricted opening. Combined free opening area to be not less than 1.74 m².
- Separate trickle ventilators / background ventilators are not required where the specialist contractor demonstrates that the openable casements provide the required natural ventilation opening area. If the required free opening area cannot be achieved by the casements, provide integrated frame ventilators sized by the specialist contractor to make up the shortfall, colour matched to the window frame and coordinated with thermal, acoustic, weathering and security requirements.
- Specialist contractor to complete the design of the window system, including framing, glazing, sash, ironmongery, restrictors, weather seals, perimeter seals, fixings, support requirements, tolerances, ventilation performance and interface details.
- Specialist contractor to survey and verify all structural openings, site dimensions, levels and interface conditions prior to manufacture. Do not fabricate from architectural drawings without site verification.
- Specialist contractor to submit coordinated shop drawings for design team review prior to manufacture. Submittals to include plans, elevations, sections, head, jamb, sill details, fixing details, opening casement details, ironmongery, restrictors, glazing specification, free opening area calculation and ventilation provision.
- Opening casements to be provided with suitable restrictors and safety stays. Restrictors to be appropriate for the school environment and to prevent unsafe operation, over-opening or fall risk.
- Glazing sill level is approximately 950 mm above finished floor level. Glazing is therefore outside the low-level critical glazing zone for windows below 800 mm above finished floor level, unless otherwise indicated or required by Building Control. Glazing to be safety glazing where required by location, risk assessment or specialist glazing design.
- Manifestation is not required to this window where the glazing sill is 950 mm above finished floor level and the glazing does not form part of a full-height glazed screen, entrance door, side screen or circulation route collision risk zone. Provide manifestation only where required by Building Control or where indicated on the drawings.
- Thermal performance to comply with the Phase 2 Energy Strategy and current Building Regulations. External windows to achieve a whole-system U-value of 1.3 W/m²K or better. Contractor to submit whole-system U-value calculations, including frame, sash, glazing and spacer bar performance.
- Building fabric interfaces, perimeter seals and window installation to be coordinated to support the project air permeability target of 3.0 m³/(h.m²) @ 50 Pa.
- Finish to frames, sash, trim, sill pressings and associated aluminium components to be polyester powder coated. Colour to match elevation drawings unless noted otherwise. Contractor to submit colour samples for approval.
- Sill, head and jamb interfaces to be fully weathered and sealed. Provide suitable DPC / cavity closer / cavity tray / EPDM interfaces as required to suit the wall construction and adjacent details.
- Contractor to submit evidence of compliance, product data sheets, test certification, safety certification, installation requirements and manufacturer's warranty information for all window, glazing, ironmongery, restrictor and ventilator components.
- All works to be installed strictly in accordance with manufacturer's recommendations, specialist contractor's approved shop drawings and the project specification.

Rev	DATE	NAME	NOTES

Notes:

Do not scale this drawing.

All levels and dimensions are to be checked on site.

This drawing is to be read in conjunction with all relevant consultants drawings and specifications, together with safety plan requirements.

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PROJECT	Phase 2, Hurstpierpoint College		
DRAWING	Window (CW-25)		
STAGE	Tender Issue		JOB NO. : 712
DWG NO.	AL-608	SCALE 1:20 @A1	DATE : 08/07/2026
		REVISION : -	DRAWN : DB

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