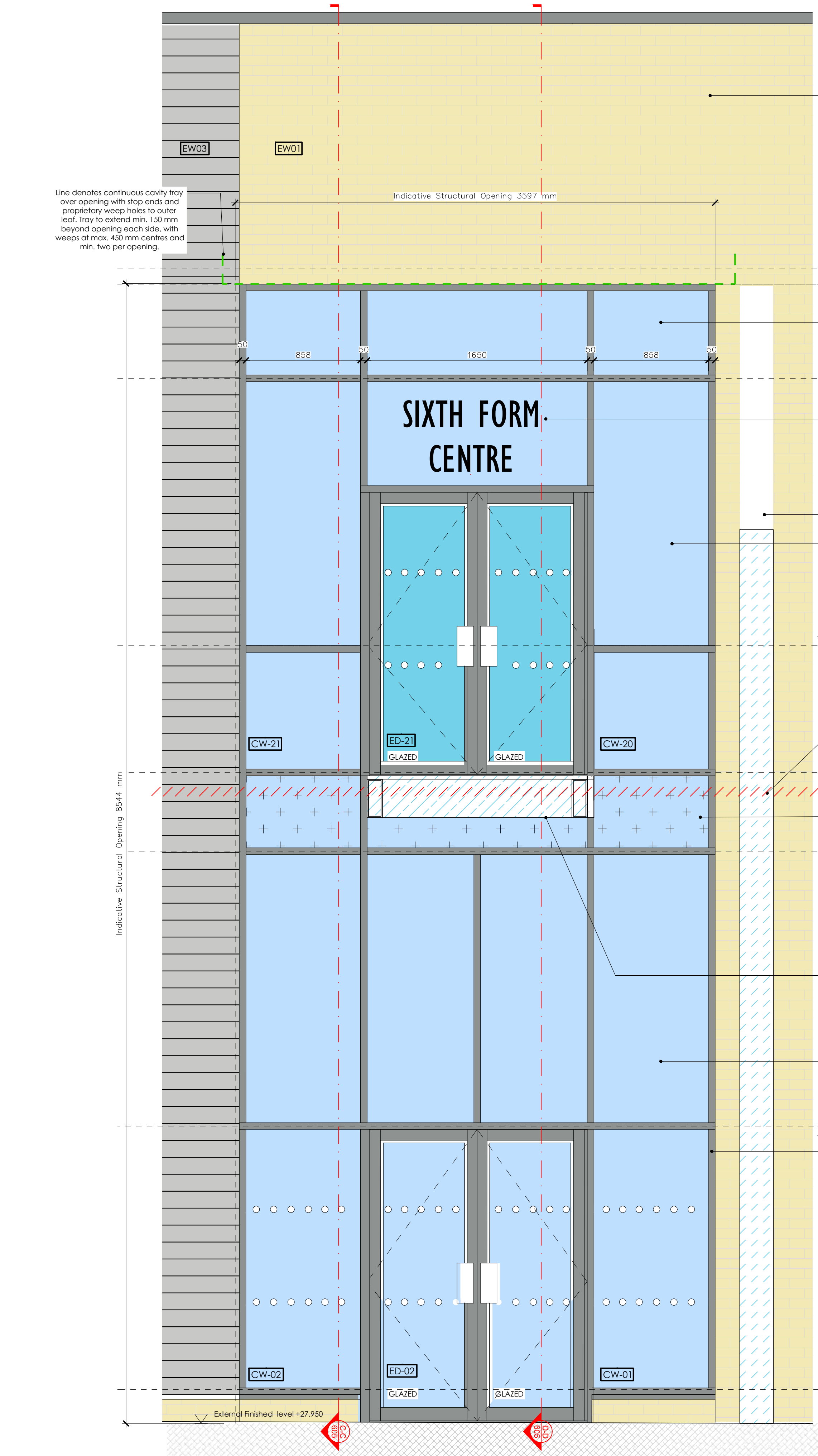
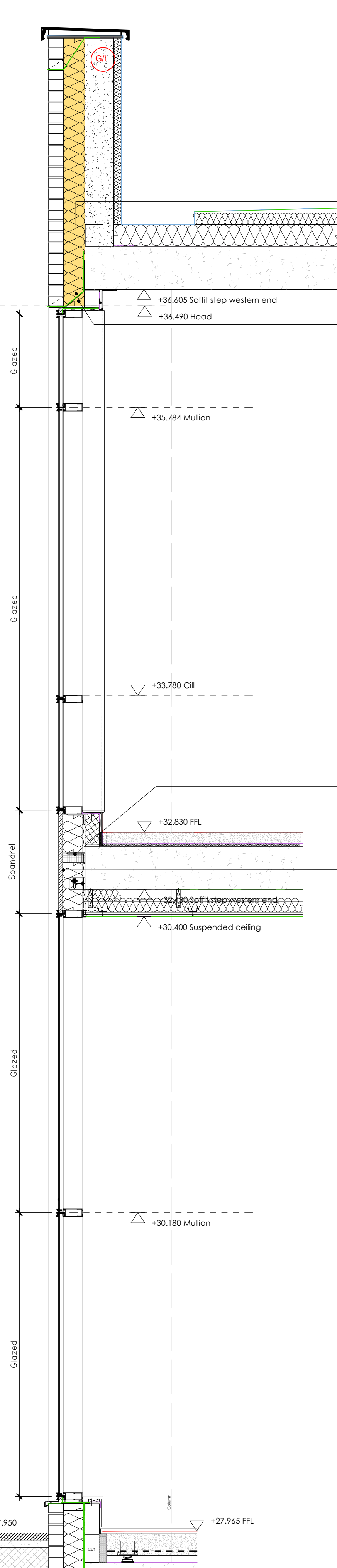
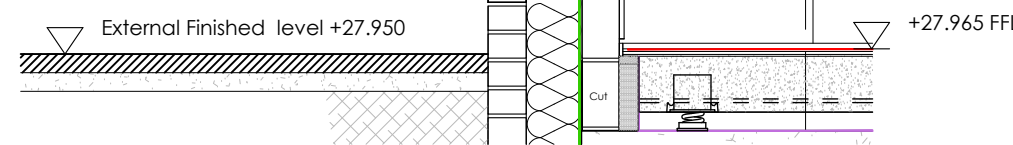
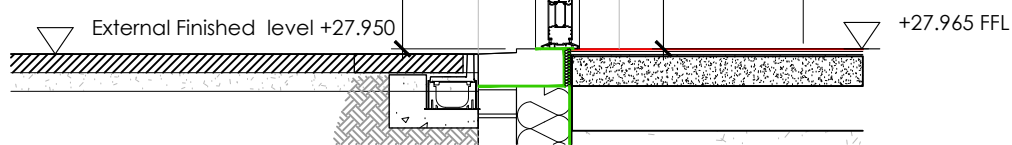




Section Elevation C-C



Section Elevation D-D



- Notes:
- Blue fill = vision glazing
 - Cross hatch = opaque spandrel glass panel
 - Green dashed line = cavity tray / cavity barrier zone, refer notes
 - Red dashed line = grid / section reference
 - VL-01 = integrated ventilation louvre module

Cavity tray over opening with stop ends and proprietary weep holes to outer leaf. Tray to extend min. 150 mm beyond opening each side, with weeps at max. 450 mm centres and min. two per opening.

Brickwork at window/curtain wall head to be supported approximately 190 mm below underside of RC slab on proprietary stainless steel dropped masonry support system, fixed back to RC slab/upstand. Support angle, brackets, fixings, movement allowance and load capacity to structural engineer's requirements and specialist manufacturer's design. Contractor to submit calculations and details for review prior to installation.

Curtain wall reference note:
GA plans use separate window / curtain wall tags for each level and location for ease of identification, including CW-01 & 02 at ground floor and CW-20 to CW-21 at first floor. Notwithstanding the separate tags, CW-01, 02, 20 & 21 are to be designed and supplied as single full-height curtain wall assemblies, unless noted otherwise.
Refer to separate head, jamb, cill and return details for this condition. Final setting-out, mullion/transom positions, fixing, movement allowance, weathering and interface details to be confirmed by the specialist curtain wall contractor prior to manufacture.

External steel stair shown indicatively only. Final stair design, dimensions, structure, fixings, guarding, handrails, landings and interfaces to be confirmed by specialist stair contractor and coordinated with structural engineer's requirements.

Thermally insulated structural connection: Ancon thermally insulated Connectors or equal approved to be provided between external metal stairs to instill concrete slab main structure, all to Structural Engineer's design, specification and approval. Connector system to maintain structural continuity while limiting thermal bridging. Thermal break zone to also provide certified cavity barrier/fire-stopping performance where required, or be supplemented with a compatible proprietary cavity barrier system, all to fire strategy, manufacturer's details and Building Control approval.

ED-02 / ED-21 curtain wall double doors:
ED-02 and ED-21 to be aluminium framed double glazed doors forming part of the curtain wall system. Doors to be by the curtain wall / facade specialist and fully integrated with the surrounding curtain wall framing, drainage, weathering, thresholds, perimeter seals and DPC interfaces. Finish and colour to match elevation drawings.

Doors to achieve a whole doorset U-value of $U_d \leq 1.4 \text{ W/m}^2\text{K}$. Glazing to be high-performance low-e insulated double glazed safety glass units, with toughened and/or laminated safety glass to all door leaves and adjacent glazed zones as required by BS 6262, BS EN 12600, Approved Document K and the specialist glazing risk assessment. Centre-pane glass values alone will not be accepted.

Doors to be self-closing, with controlled closers suitable for the door size, weight and expected school use. Doors to include hold-open option where required by the client, subject to coordination with the door control, access control and fire strategy requirements.

Doors to be provided with access control, including external card reader, maglocks, internal wave-to-exit button, green emergency door release and break glass unit. Access control to be via Saflo door control system, or agreed College standard, with all required interfaces linked to the fire alarm system to release on fire alarm activation. Final access control arrangement, cabling routes, containment, power supplies, fire alarm interface and fail-safe operation to be coordinated with the MEP Consultant, fire alarm specialist and access control specialist.

Doors to comply with current Building Regulations, including requirements for access, inclusive use, safe opening forces, level/accessibile threshold, safety glazing, manifestation to full-height glazing, weather performance, thermal performance and means of escape. Effective clear opening width, threshold upstand, ironmongery heights, vision zones and approach clearances to be confirmed by the specialist contractor to suit Approved Document M and the final door arrangement.

Specialist contractor to verify all dimensions and site conditions and submit manufacturer's proposals, shop drawings, structural calculations, wind-load assessment, fixing details, threshold detail, drainage/weathering detail, glazing specification, safety glazing certification, U-value calculation, ironmongery schedule, access control/fire alarm interface details and O&M information for design team approval prior to manufacture.

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			
Curtain Wall (CW-01, 02, 20 & 21) Sheet 2 of 2			
STAGE			
Tender Issue			
JOB NO. : 712			
DATE : 06/07/2026			
DWG NO.	SCALE	REVISION	DRAWN
AL-605	1:20 @A1	-	DB
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