AYDIN

Architectural Designer

Selected architectural work

My work connects architectural design with building systems through spatial planning, clear documentation and coordinated detailing.

SELECTED PROJECTS

01 Framed Light 03-12

02 Continuum 13-22

Conceptual architectural studies
Concept development / Architectural visualization



FRAMED LIGHT / Framing transparency

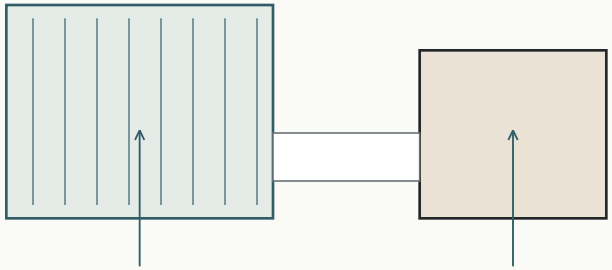


CONTINUUM / A rising ribbon envelope

Two concepts, two spatial experiences

A shared cultural / learning brief is used as a provisional program for these architectural studies.

01 / FRAMED LIGHT



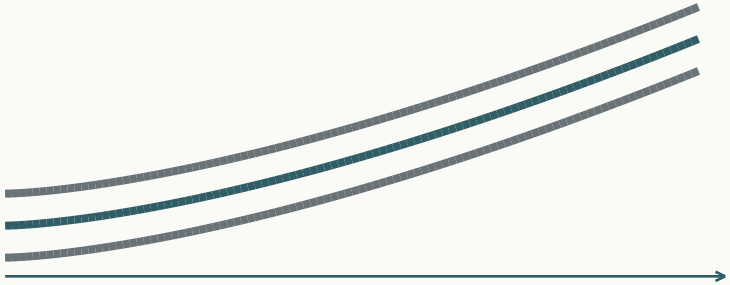
PAIRED VOLUMES + SHARED GROUND

The program is divided into complementary bars. The larger volume supports collective activity; the smaller volume accommodates focused rooms. The forecourt and link provide shared orientation.

Architectural consequence

Repeated bays offer a basis for component coordination. Separate volumes require careful access control, servicing and connection detailing.

02 / CONTINUUM



CONTINUOUS HALL + RISING SECTION

The roof organizes a longitudinal journey. The hall connects public uses while upper galleries respond to the rising envelope. This approach favors visual connection and adaptable activity.

Architectural consequence

Complex roof transitions require early geometry, drainage and fabrication studies. Noise and smoke movement across the hall need dedicated analysis.

These are complementary design propositions. Their relative suitability depends on the confirmed brief, site, users and procurement route.

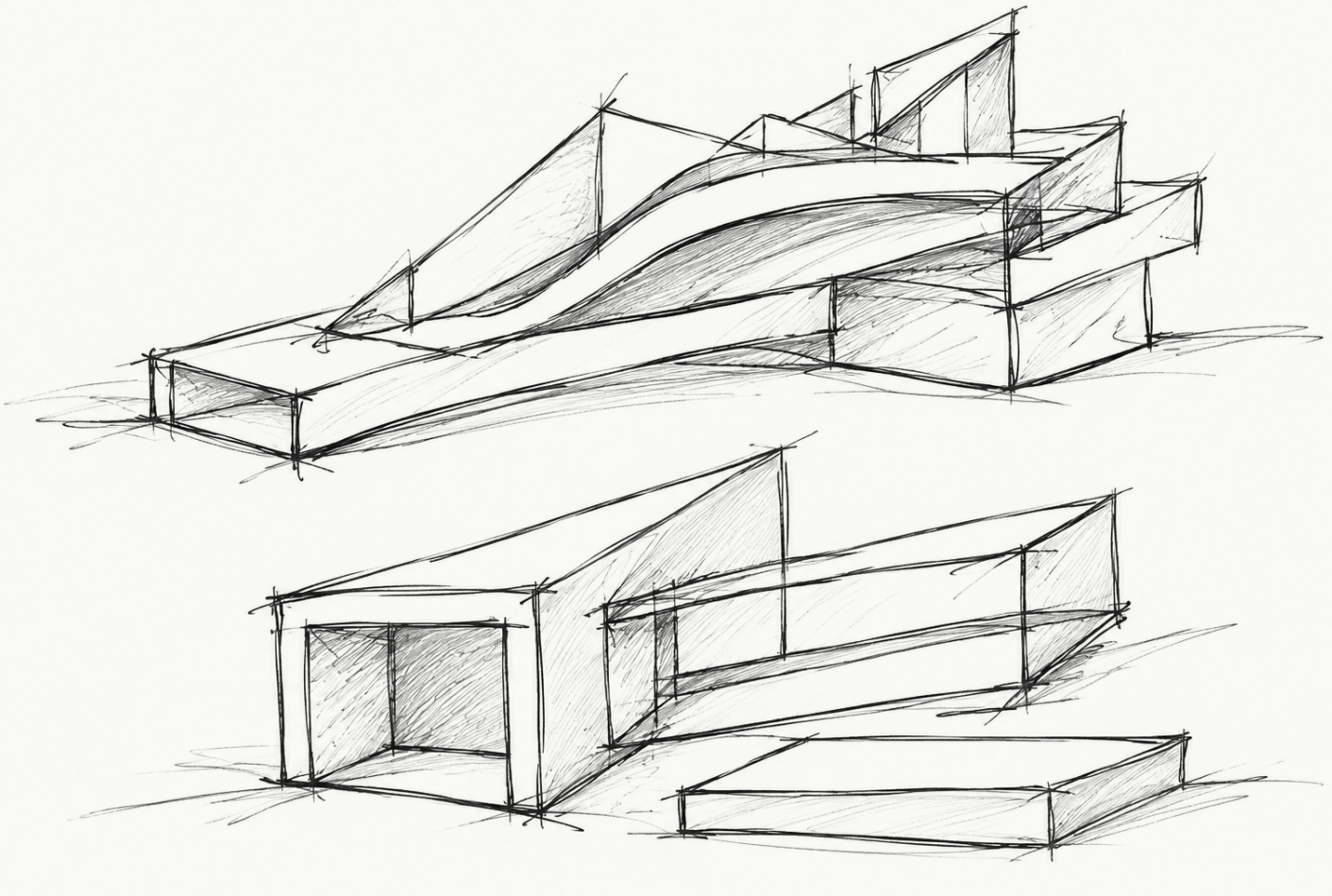
CONCEPTUAL ARCHITECTURAL STUDIES

FORM IN MOTION

Geometry, movement and spatial depth.

These studies explore the relationship between architectural geometry, movement and spatial composition.

The upper sketch develops fluid, layered forms. The lower study tests linear volumes, framed openings and inclined planes, with an emphasis on depth, proportion and continuity.



Freehand studies / Layered forms, framed volumes and spatial continuity

ARCHITECTURAL CONCEPT STUDY

FREEHAND FORM EXPLORATION

PROJECT 01 / ARCHITECTURAL ENSEMBLE

FRAMED LIGHT

Light, rhythm and public ground.

Two unequal volumes are unified by rising glazed roofs, pale portal frames and a repeated vertical screen. Their shared forecourt brings the composition to pedestrian scale through planting, seating and a detached pavilion. The architectural reading moves between the weight of the framed thresholds and the visual openness of the envelope, making light, rhythm and occupation the focus of the ensemble.

01 / THE ENSEMBLE

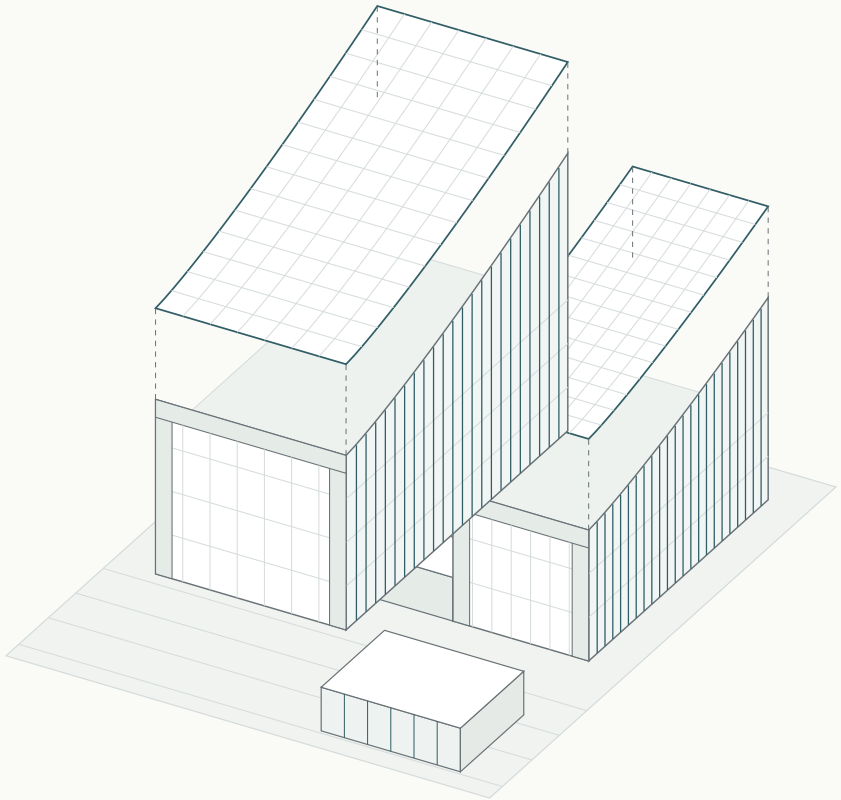


Concept visualization / Massing and roof relationships

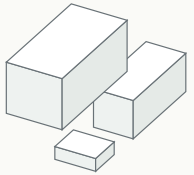
Form, light & public ground.

An analytical reading of the depicted architecture, using one shared conceptual geometry.

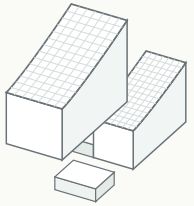
01 / ENVELOPE AND SPATIAL LAYERS



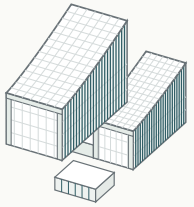
Exploded axonometric / roof, envelope and indicative floor layers. Geometry reconstructed from the images; internal arrangements remain proposed.



02 / Hierarchy of unequal volumes



03 / Rising roof envelopes



04 / Portals and vertical rhythm

FRAME

Deep pale portals define the primary thresholds.

FILTER

Repeated fins give the glazed envelope its rhythm.

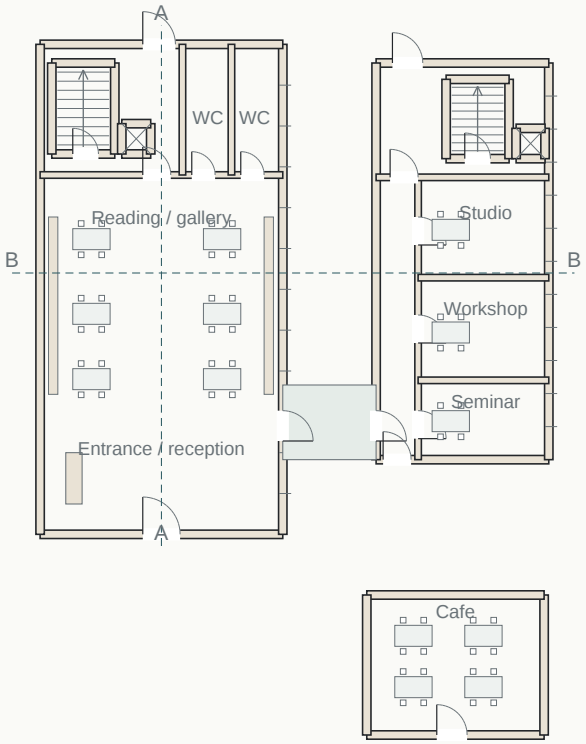
GROUND

The forecourt and pavilion establish pedestrian scale.

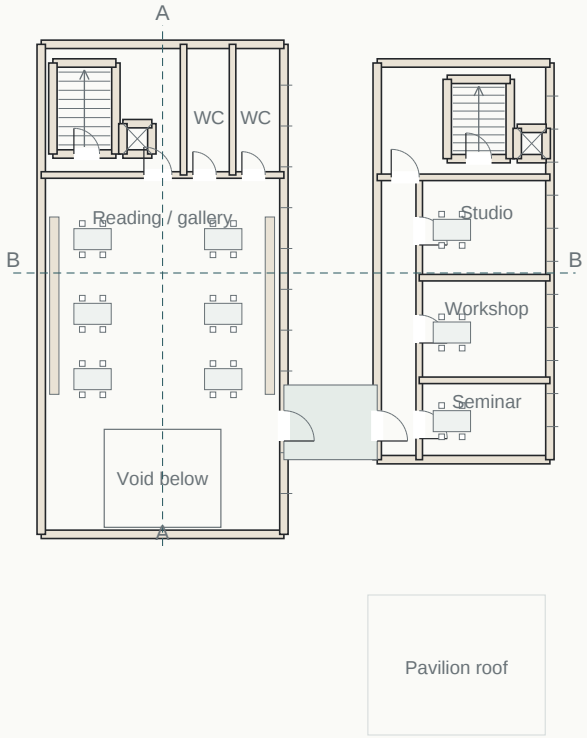
Two volumes, one public ground

Ground floor and representative upper level / Double-line study / Symbolic wall thickness / NTS

01 / GROUND FLOOR



02 / UPPER-LEVEL STUDY



WHY THIS PLAN

The larger bar accommodates open reading and gallery use; the smaller bar groups quieter enclosed rooms.

OPERATIONAL LOGIC

The shared link supports orientation between volumes. A detached cafe can serve the forecourt independently.

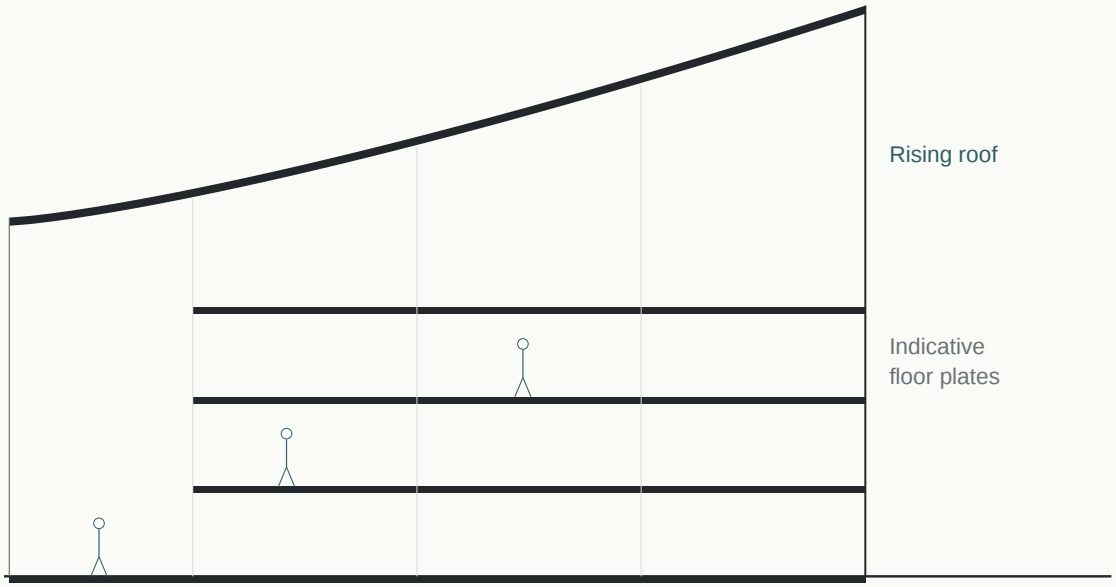
SERVICE LOGIC

Rear cores group vertical movement and support spaces. Acoustic separation and escape capacity require study.

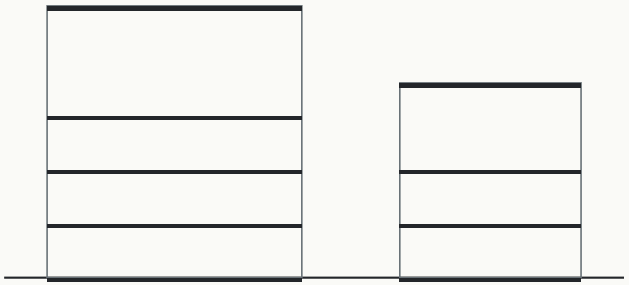
Section, light and occupied space

Cut locations match the plans. Floor levels and envelope profiles use the same conceptual model.

A-A / LONGITUDINAL SECTION



B-B / TRANSVERSE SECTION



01 / ENTRY

The deep portal opens into a multi-level foyer; the void is retained on upper plans.

02 / OCCUPIED LEVELS

Two unequal bars contain proposed occupied levels, with rear circulation and support zones.

03 / ENVELOPE

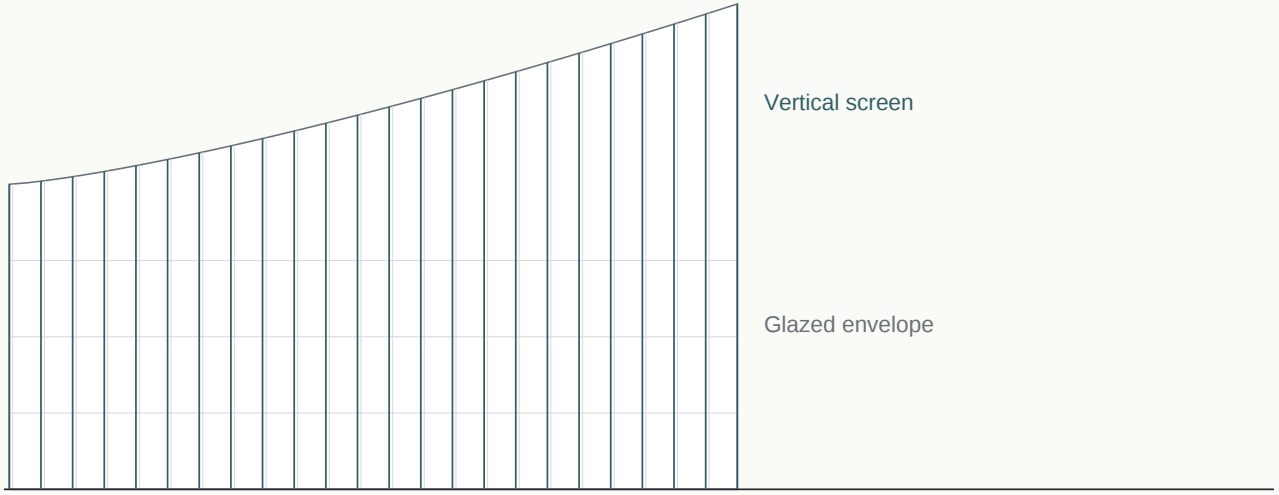
The rising glazed roof and vertical screen define a continuous exterior profile.

Conceptual sections / NTS. Roof depth, floor construction and structural spans are not engineered.

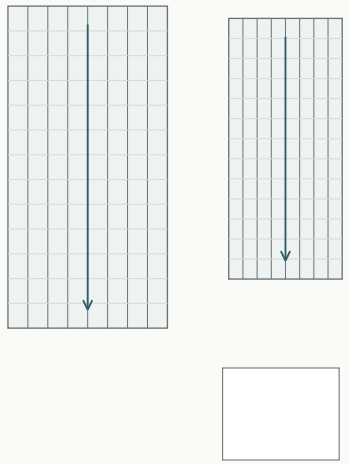
Envelope elevations and roof

Observed facade language extended into a clearly identified proposal for the unobserved end.

01 / PLAZA-FACING LONG ELEVATION

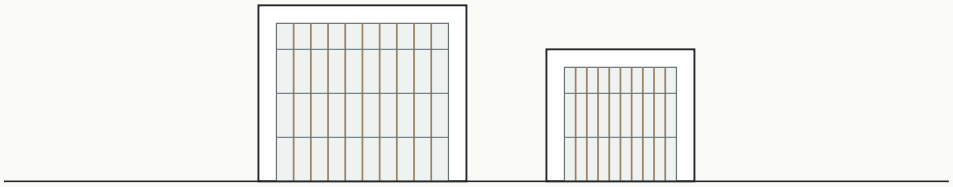


02 / ROOF ORGANIZATION

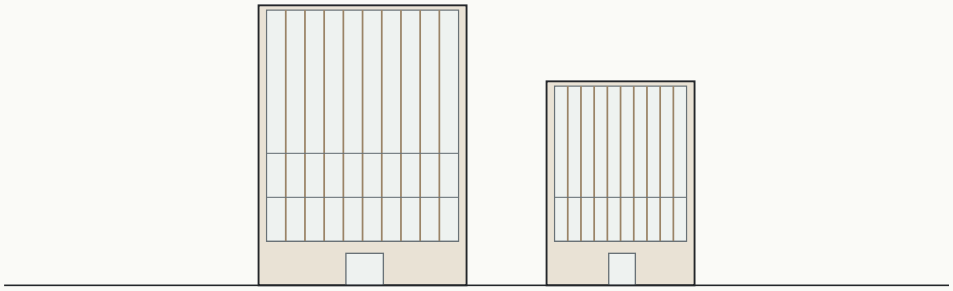


Arrows: proposed drainage direction; outlets unresolved.

03 / ENTRANCE END



04 / REAR END - PROPOSAL



NTS / Window modules and rear openings are schematic. Roof drainage requires project-specific development.

Material rhythm, human scale.

The portal, vertical screen and pavilion connect the larger volumes to the pedestrian experience.

01 / THE FORECOURT



Exterior visualization / Portal, screen and forecourt

02 / PORTAL DEPTH



Source-image detail / pale frame and recessed glazing.

03 / SCREEN RHYTHM



Source-image detail / bronze-toned fins and roof edge.

PALE FRAME

A strong edge gathers the transparent end facade into a single architectural threshold.

LAYERED SCREEN

Vertical elements establish depth and repetition. Exact material and spacing remain unverified.

SHARED FORECOURT

Planting, seating and a low pavilion give the larger composition a pedestrian setting.

The other side of the building

A new conceptual viewpoint extends the architectural language to the garden edge.



DESIGN PROPOSAL

The two unequal volumes retain their bronze screen rhythm. A pale base gathers proposed secondary doors and support spaces, while the space between the bars becomes a garden approach.

RETAINED IDENTITY

Massing hierarchy
Roof direction
Material palette
Facade rhythm

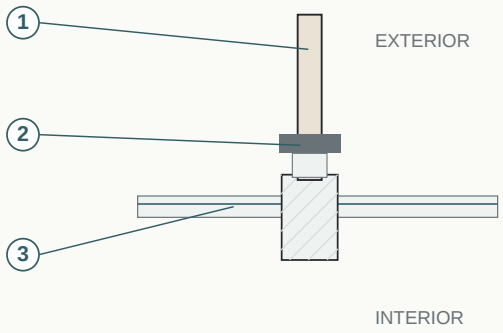
Proposed garden elevation. Openings and landscape are conceptual design studies, not verified existing conditions.
The image is an atmospheric interpretation; the coordinated vector studies govern the proposed drawing geometry.

From architectural form to assembly

Proposed junction studies / enlarged diagrammatic details / not for construction.

D01 / FIN + GLAZING

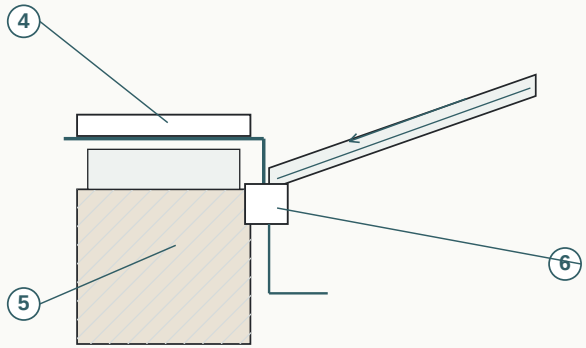
Horizontal junction study



1 Bronze-tone fin on independent support
2 Isolated bracket / movement allowance
3 Glazing line and framed mullion

D02 / ROOF + GUTTER

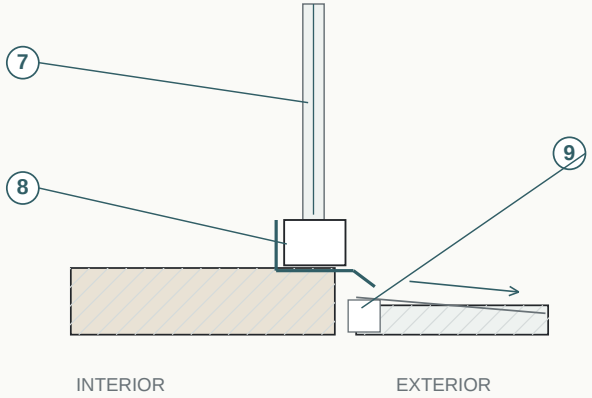
Section through weathering layers



4 Outer skin / continuous weathering layer
5 Insulated curb and supporting assembly
6 Drained glazing frame / collection channel

D03 / FACADE + GROUND

Section at a fixed glazed bay



7 Glazing and sill frame
8 Continuous transition / perimeter seal
9 Exterior drainage zone and paving

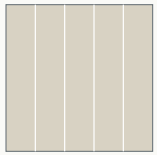
Design intent: distinguish the outer finish, supporting assembly, thermal layer and water-management line. Teal identifies weathering or drainage intent; it is not a specified product.

Material thicknesses, anchors, structural sizing, fire strategy and drainage capacity remain unresolved. No fabrication dimensions are supplied.

General reference: ABAA, Curtain Wall Interface Guidelines (2020), pp. as applicable. These original diagrams are conceptual, not manufacturer details.

Material intent and assembly logic

Visible finish character is retained; the following systems are proposed selections, not verified specifications.



01 / Pale precast / GFRC cladding

Panelized mineral cladding is a candidate for the deep portals and their visual solidity.

EXECUTION / MAINTENANCE CHECK

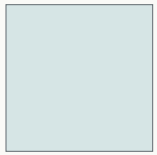
Compare weight, anchorage, joint layout and support cost; confirm finish with exterior mockups.



02 / Bronze-tone aluminum fins

A repeatable metal screen preserves the vertical rhythm without assuming solid bronze construction.

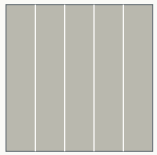
Test orientation-specific shading; isolate dissimilar metals and allow thermal movement and cleaning access.



03 / Low-e insulated glazing

Transparent bays preserve the relationship between interior occupation and the forecourt.

Select U-factor, solar gain and visible transmittance through climate-based analysis; coordinate roof glass safety.



04 / Precast concrete paving

Modular paving gives the forecourt a durable, repairable surface and consistent joint rhythm.

Confirm wet slip resistance, accessible transitions, sub-base, drainage and local weather exposure.

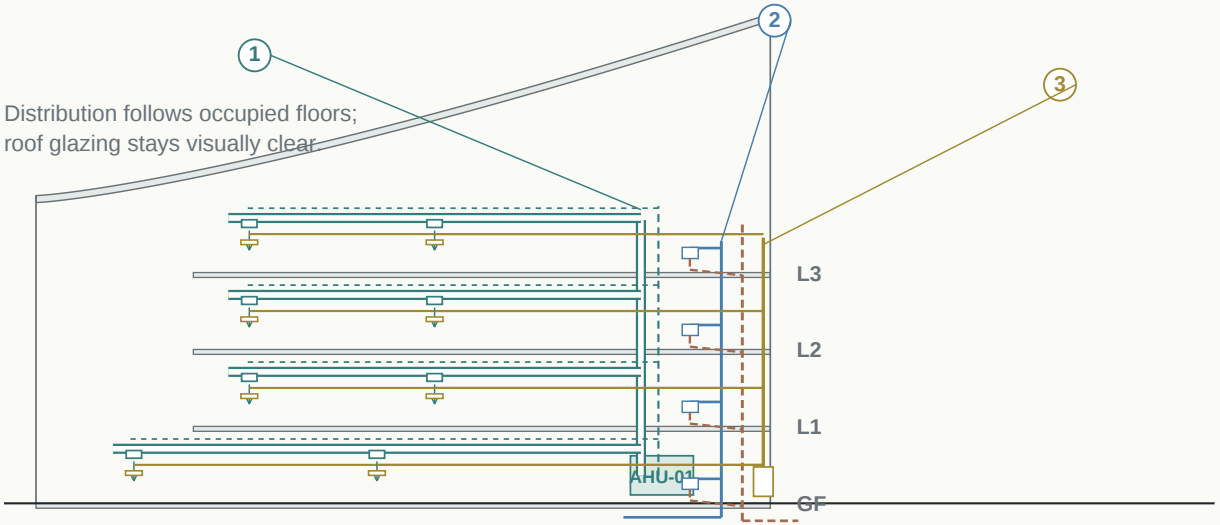
Selection criteria: whole-assembly fire performance, service life, repairability, procurement lead time and documented environmental impacts.

Swatches are diagrammatic color cues. Final products, thicknesses, fixing systems and manufacturer testing remain to be specified.

Building systems within the architecture

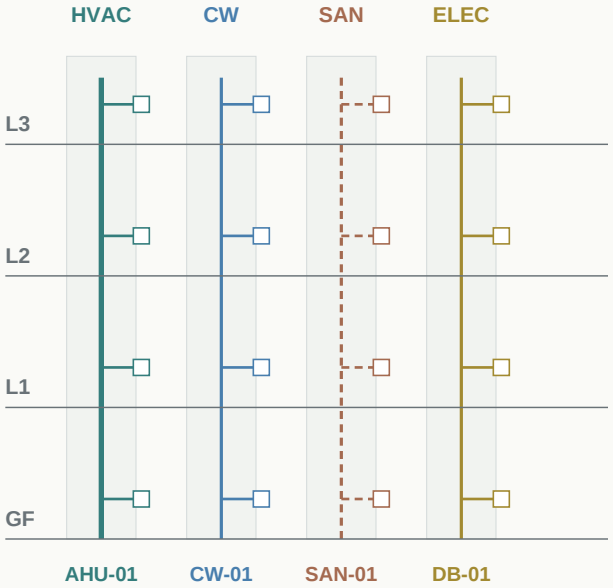
Proposed coordination section and internal service elevation / NTS / Sizes and capacities not calculated.

01 / SECTION A-A + PROJECTED SERVICES



Principal volume / Longitudinal A-A. Companion volume and cafe need separate branch and capacity studies.

02 / SERVICE ELEVATION



Service elevation / Schematic shaft zones.
Wet and electrical routes are separated graphically.
Clearances and fire separation remain unresolved.

HVAC supply / dashed return

Water / brown dashed drainage

Electrical distribution / lighting

01 / HVAC

AHU-01 and vertical distribution occupy a proposed rear service zone. Separate schedules for the two bars and cafe require load and ventilation studies.

02 / PLUMBING

CW-01 and SAN-01 serve stacked rear wet rooms. Cafe services require a separate branch study. Verify drainage falls, venting and utility connections.

03 / ELECTRICAL

DB-01 feeds proposed floor distribution and lighting. Maintain a dry accessible panel zone; determine loads, fault duty, protection and emergency circuits.

BIM development basis: shared coordinates, system IDs, linked disciplines and clearance / clash review. These are vector coordination studies; no RVT / IFC model or clash report has been supplied or produced.

PROJECT STUDY / RIBBON ENVELOPE

CONTINUUM

A rising envelope.
A shared public edge.

White ribbons rise from a low entrance toward a taller end block, framing a transparent hall and a landscaped street edge. Glazed strips separate the opaque bands and reveal the depth of the roof. The composition connects the entrance canopy, interior galleries and terrace through a continuous architectural surface, balancing the solidity of the envelope with the openness of the occupied spaces.

01 / THE RISING ENSEMBLE



Supplied aerial visualization / primary reference for ribbon and roof relationships.

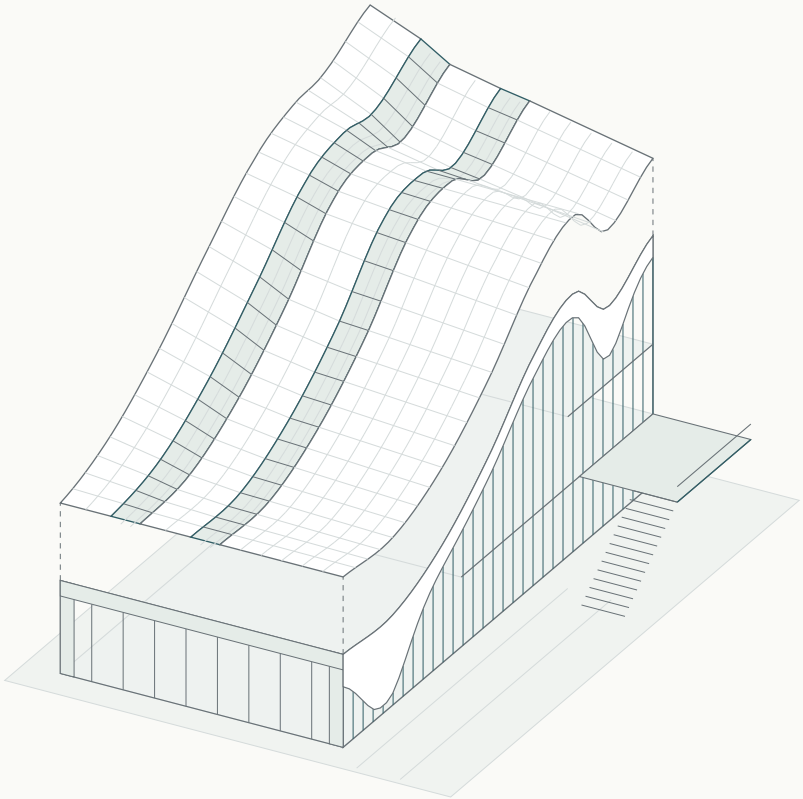
ARCHITECTURAL CONCEPT STUDY

Image-based architectural reconstruction

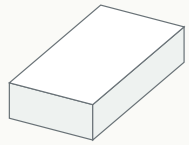
Continuity across the envelope

An analytical reconstruction of the ribbon composition, using a common geometric basis.

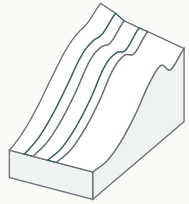
01 / RIBBONS, GLAZING AND OCCUPIED LEVELS



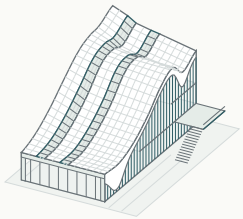
Exploded envelope study / roof ribbons and glazed seams lifted above an indicative floor arrangement. All geometry is conceptual and not to scale.



02 / Elongated base volume



03 / Rising ribbon profiles



04 / Glazed seams and public edge

RISE

The low entrance develops into a taller, occupied envelope.

SEPARATE

Glazed channels distinguish the longitudinal white bands.

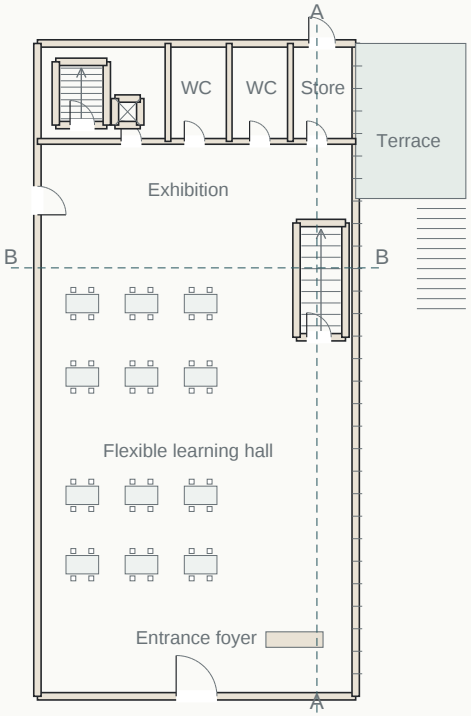
CONNECT

The facade and terrace relate the interior to the forecourt.

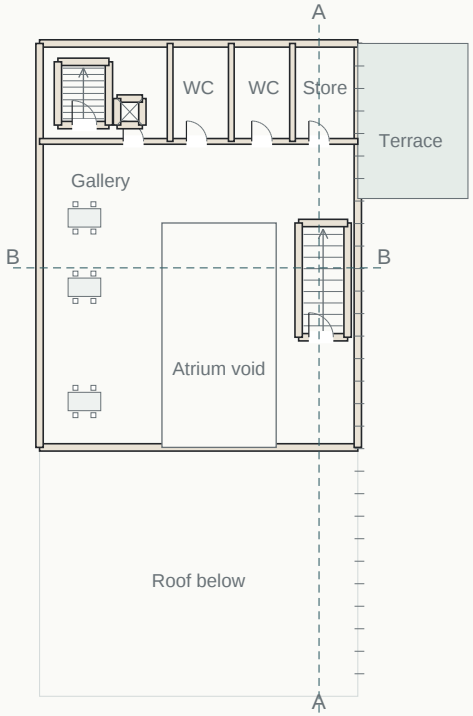
A plan shaped by continuity

Ground floor and representative upper level / Double-line study / Symbolic wall thickness / NTS

01 / GROUND FLOOR



02 / UPPER-LEVEL STUDY



WHY THIS PLAN

A continuous public hall follows the rising envelope. Flexible furniture keeps the main floor adaptable.

PLAN + SECTION

Upper galleries begin where the roof gains height; the void and visible stair connect the occupied levels.

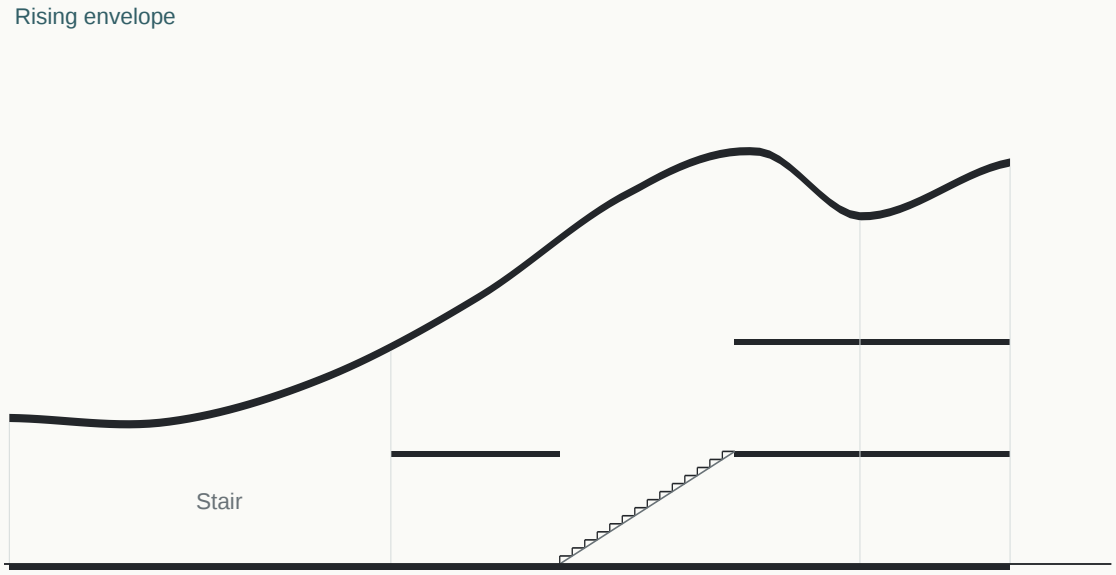
SERVICE LOGIC

Support rooms gather at the tall end. Separate protected escape routes and core capacity still need resolution.

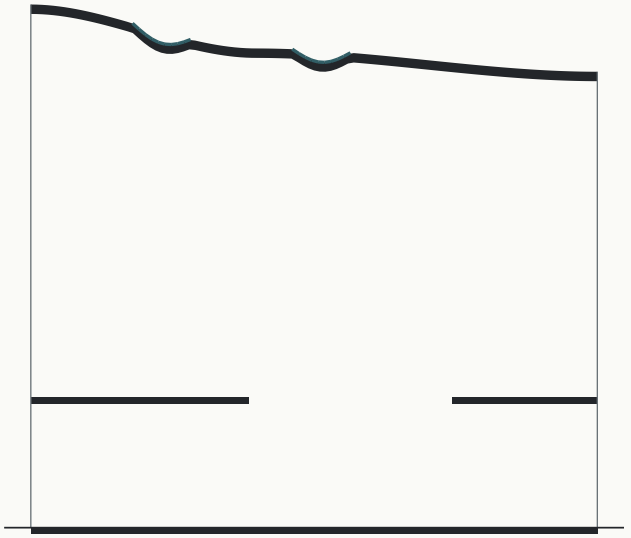
Section, light and occupied space

Cut locations match the plans. Floor levels and envelope profiles use the same conceptual model.

A-A / LONGITUDINAL SECTION



B-B / TRANSVERSE SECTION



01 / ENTRY

The low entrance opens into the hall beneath the rising roof.

02 / OCCUPIED LEVELS

Upper galleries step back; the central void and stair retain the plan relationships.

03 / ENVELOPE

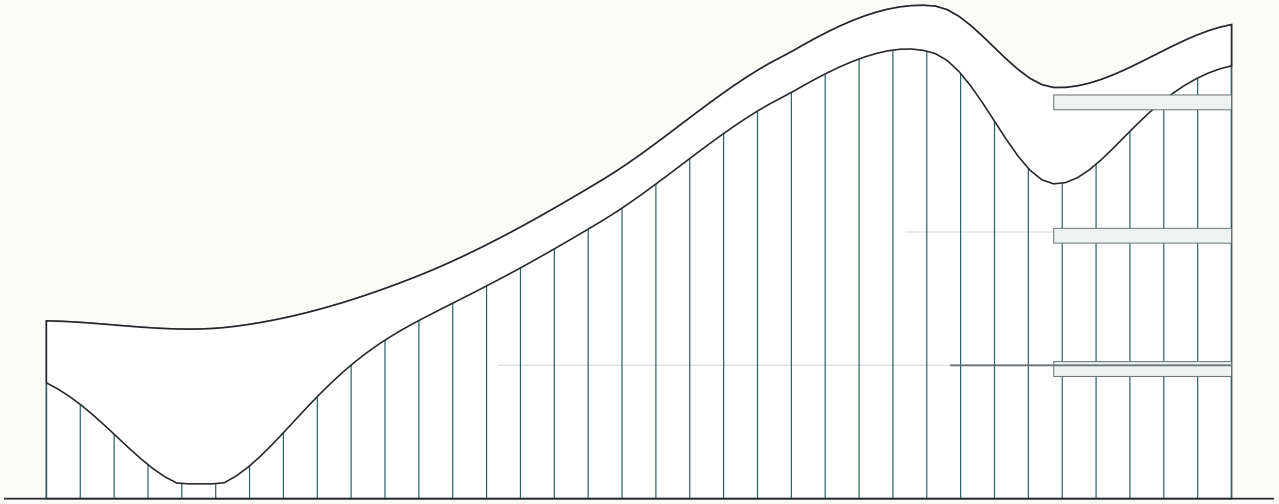
White roof bands alternate with glazed seams. The supporting structure remains a design proposal.

Conceptual sections / NTS. Roof depth, floor construction and structural spans are not engineered.

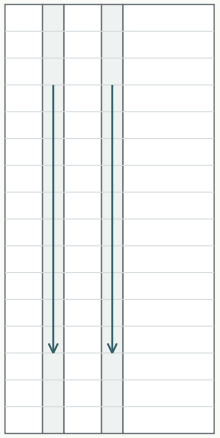
Envelope elevations and roof

Observed facade language extended into a clearly identified proposal for the unobserved end.

01 / PLAZA-FACING LONG ELEVATION

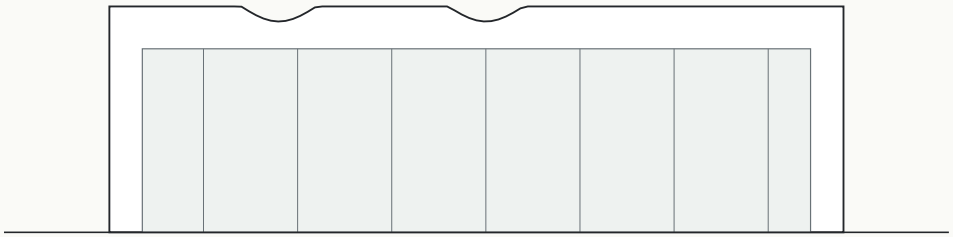


02 / ROOF ORGANIZATION

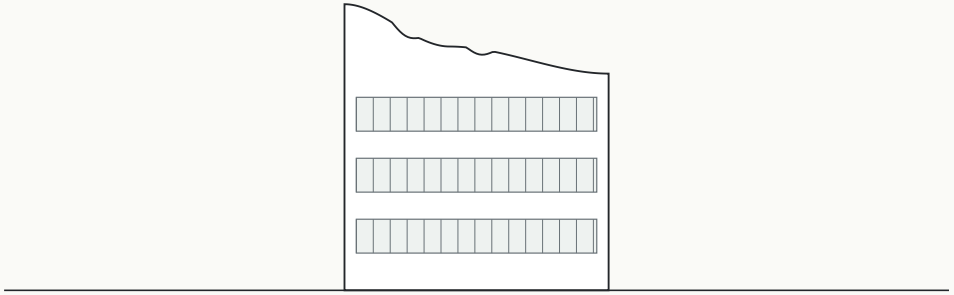


Arrows: proposed drainage direction; outlets unresolved.

03 / ENTRANCE END



04 / REAR END - PROPOSAL



NTS / Window modules and rear openings are schematic. Roof drainage requires project-specific development.

A continuous public-facing surface

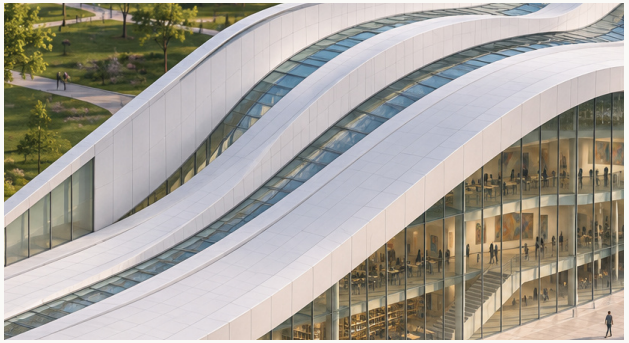
The entrance reveal, glazed hall and terrace connect the larger form to pedestrian activity.

01 / THE ENTRANCE AND GLAZED HALL



Supplied street-level visualization / complementary view of the portal, stair and facade.

02 / RIBBON AND GLAZED SEAM



Source-image detail / white envelope and roof glazing.

03 / STAIR AND TERRACE EDGE



Source-image detail / internal movement and raised outdoor space.

CONTINUOUS SKIN

Panel joints follow the white surfaces. Actual cladding material and construction remain unverified.

TRANSPARENT HALL

The glazed facade exposes activity and visible gallery edges beneath the rising envelope.

INHABITED EDGE

The entrance, planting and terrace establish a sequence of indoor and outdoor places.

The other side of the building

A new conceptual viewpoint extends the architectural language to the garden edge.



DESIGN PROPOSAL

The white ribbon envelope continues around a quieter garden frontage. Horizontal openings give the tall end a measured rhythm, while a recessed doorway connects the hall to planting.

RETAINED IDENTITY

Massing hierarchy
Roof direction
Material palette
Facade rhythm

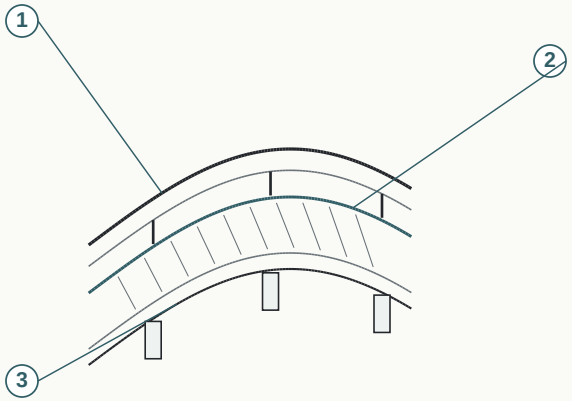
Proposed garden elevation. Openings and landscape are conceptual design studies, not verified existing conditions.
The image is an atmospheric interpretation; the coordinated vector studies govern the proposed drawing geometry.

From architectural form to assembly

Proposed junction studies / enlarged diagrammatic details / not for construction.

D01 / WHITE RIBBON SKIN

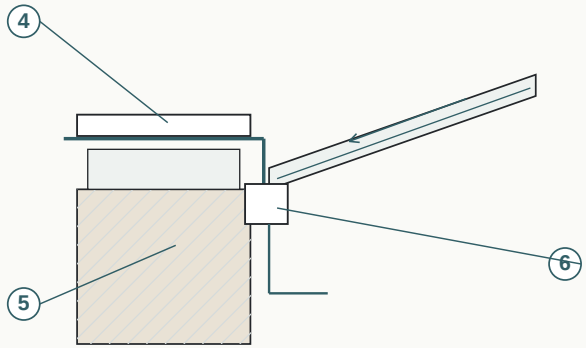
Section through proposed opaque build-up



1 White formed panels / drained cavity
2 Weathering layer and continuous insulation
3 Secondary rails / supporting ribs

D02 / RIBBON + ROOFLIGHT

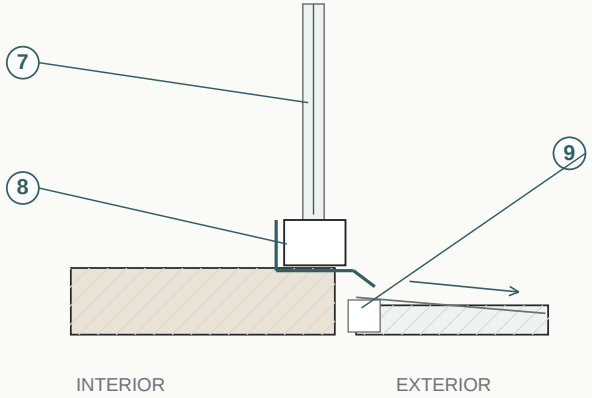
Section through weathering layers



4 Outer skin / continuous weathering layer
5 Insulated curb and supporting assembly
6 Drained glazing frame / collection channel

D03 / FACADE + GROUND

Section at a fixed glazed bay



7 Glazing and sill frame
8 Continuous transition / perimeter seal
9 Exterior drainage zone and paving

Design intent: distinguish the outer finish, supporting assembly, thermal layer and water-management line. Teal identifies weathering or drainage intent; it is not a specified product.

Material thicknesses, anchors, structural sizing, fire strategy and drainage capacity remain unresolved. No fabrication dimensions are supplied.

General reference: ABAA, Curtain Wall Interface Guidelines (2020), pp. as applicable. These original diagrams are conceptual, not manufacturer details.

Material intent and assembly logic

Visible finish character is retained; the following systems are proposed selections, not verified specifications.

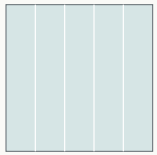


01 / White formed-metal panels

A light rainscreen can follow the ribbon geometry with replaceable pieces.

EXECUTION / MAINTENANCE CHECK

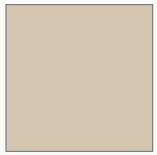
Develop panel segmentation, expansion joints and rail tolerances; test full-scale curved transitions.



02 / Thermally broken rooflights

Glazed seams bring light between opaque bands and emphasize their separation.

Study glare, overhead safety glazing, curb insulation, cleaning access and continuous drainage.



03 / Insulated opaque envelope

Continuous insulation behind the skin supports the thermal enclosure independently of its sculptural finish.

Coordinate air / water barriers at curvature changes; verify fire performance of the complete assembly.



04 / Dark framed glazing

Fine dark frames distinguish the transparent public hall from the white envelope.

Resolve spans, deflection, seal replacement and glazing loads with facade and structural specialists.

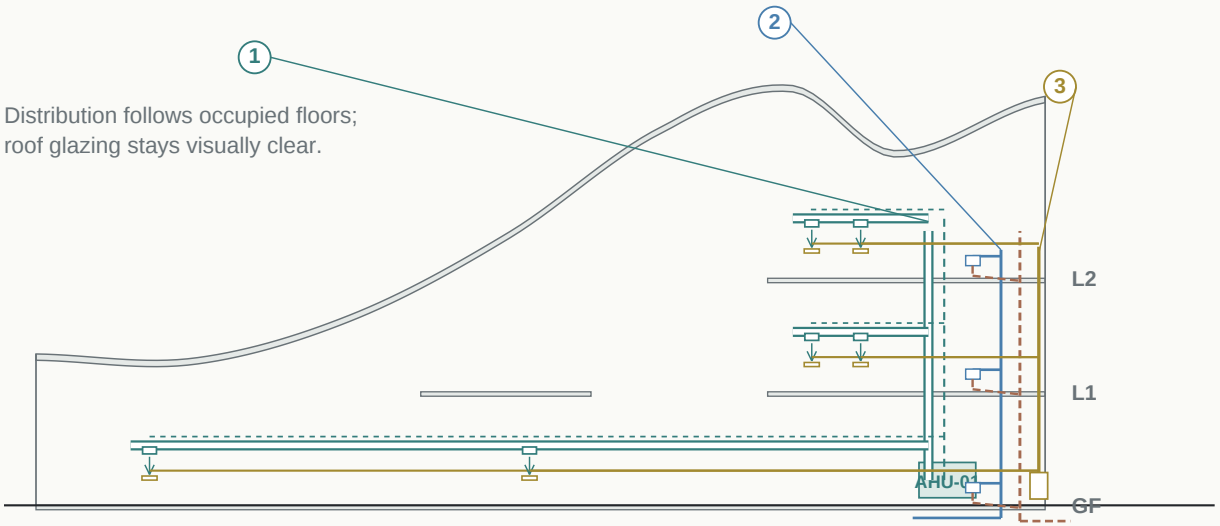
Selection criteria: whole-assembly fire performance, service life, repairability, procurement lead time and documented environmental impacts.

Swatches are diagrammatic color cues. Final products, thicknesses, fixing systems and manufacturer testing remain to be specified.

Building systems within the architecture

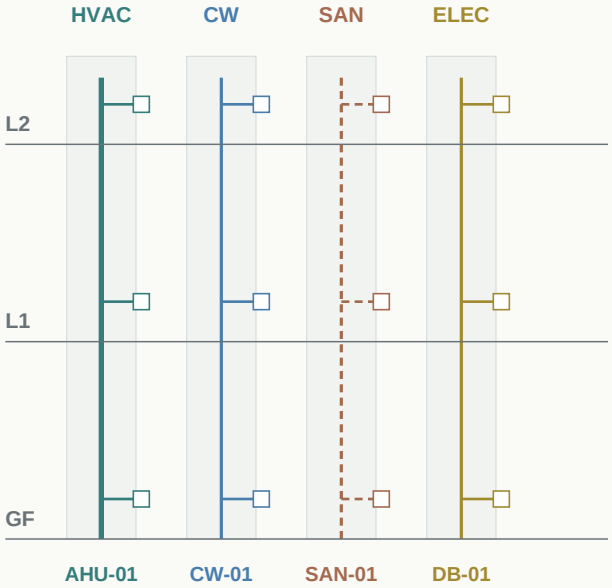
Proposed coordination section and internal service elevation / NTS / Sizes and capacities not calculated.

01 / SECTION A-A + PROJECTED SERVICES



Main hall / Longitudinal A-A. Services are projected beside the stair and gallery; shaft depth is not established.

02 / SERVICE ELEVATION



Service elevation / Schematic shaft zones.
Wet and electrical routes are separated graphically.
Clearances and fire separation remain unresolved.

HVAC supply / dashed return

Water / brown dashed drainage

Electrical distribution / lighting

01 / HVAC

AHU-01 serves proposed hall and gallery zones. Route distribution along the tall end and occupied edges; test stratification and plant access.

02 / PLUMBING

CW-01 and SAN-01 group services at the rear wet rooms. Coordinate fixture branches, drainage fall, venting and roof water separately.

03 / ELECTRICAL

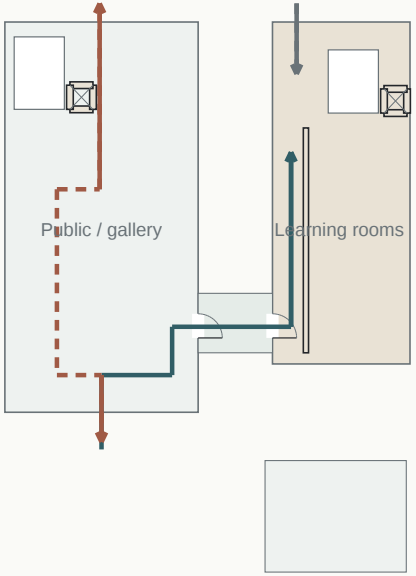
DB-01 anchors a dry distribution zone. Align lighting with gallery edges; coordinate power, controls and emergency systems with the fire strategy.

BIM development basis: shared coordinates, system IDs, linked disciplines and clearance / clash review. These are vector coordination studies; no RVT / IFC model or clash report has been supplied or produced.

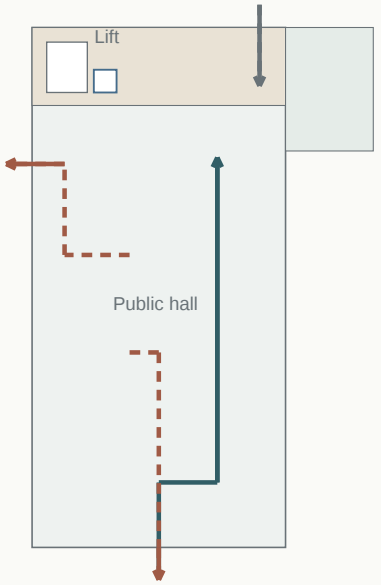
Clear arrival, deliberate separation

Ground-level route intentions / NTS / Preliminary safety review, not an egress compliance plan.

FRAMED LIGHT



CONTINUUM



Public arrival / everyday access

Service route intention

Candidate escape direction

PUBLIC + INCLUSIVE

Provide a continuous accessible route from arrival to each public use and an appropriate vertical connection. Lift symbols do not establish accessible egress compliance.

ESCAPE + FIRE STRATEGY

Confirm occupant loads, number and separation of exits, travel distances and protected stairs. The visible feature stairs are not assumed to be protected exits.

OPERATIONS + SAFETY

Separate deliveries from public queues; resolve access control, fire service approach and discharge to a public way. The atrium needs smoke / compartmentation analysis.

Reference: U.S. Access Board / Accessible Means of Egress. Confirm adopted codes and project jurisdiction.

From architectural intent to tested performance

Proposed studies for both concepts. No calculated energy use, compliance result or savings is claimed.

FRAMED LIGHT / TUNE THE SCREEN

Test fin depth and spacing against orientation; compare glazing area and solar transmission without losing the portal composition.

Comfort and daylight

Check glare near glazed ends and seasonal comfort at perimeter seats. Model the two bars as distinct operating zones.

Buildable thermal enclosure

Trace insulation behind portal cladding and at screen supports. Coordinate thermal breaks, drainage and replaceable seals.

CONTINUUM / CONTROL THE ROOF

Vary rooflight area and solar transmission; compare opaque-band insulation and shading while preserving the ribbon identity.

Comfort and daylight

Check glare beneath rooflights and temperature stratification in the tall hall. Test air distribution at occupied levels.

Buildable thermal enclosure

Trace insulation and airtightness across each curved transition. Detail skylight curbs, gutters and penetrations before selecting products.

MODEL INPUTS

Site + weather, orientation, verified area, occupancy schedules, envelope assemblies and HVAC systems.

OPTIONS TO COMPARE

Efficient HVAC, heat recovery where suitable, daylight controls and roof PV feasibility with structural review.

DECISION OUTPUTS

Annual EUI, peak loads, comfort hours, glare and life-cycle cost against an agreed baseline.

Method reference: U.S. DOE / About Building Energy Modeling. Results require a project-specific simulation.

Experience & Capabilities

Aydin / Architectural Designer

CAPABILITIES

Architectural planning and documentation
MEP drawing coordination
3D modeling and visualization

TOOLS

AutoCAD / Revit / SketchUp
3ds Max / Adobe Photoshop

LET'S CONNECT

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