PORTFOLIO

MACIEJ CIEŚLIŃSKI
Architecture + BIM

Selected Works
2013 - 2026

MACIEJ CIEŚLIŃSKI

BIM Architect

BASED IN NUREMBERG, GERMANY · RIBA CHARTERED MEMBER · MASTER OF SCIENCE IN ARCHITECTURE
ENGLISH — C1/C2 · GERMAN — IN PROGRESS · POLISH — NATIVE
UK · UAE · POLAND — GOVERNMENT · RESIDENTIAL · HOSPITALITY · CIVIC · COMMERCIAL

01 PROFILE

Design-aware delivery architect

Architect with 10+ years of international experience across the UK, UAE and Poland, working on residential, hospitality, government, diplomatic, civic and commercial projects. My experience spans concept design, design development, planning and authority submissions, multidisciplinary coordination and technical documentation in Revit.

I specialise in translating design intent into coordinated architectural packages, with particular experience in façades, residential layouts, public buildings and complex interfaces between architecture, structure and building services.

Working across different project cultures has made me comfortable moving between early design thinking and detailed delivery. I work best in collaborative teams where design decisions are tested against programme, buildability, coordination and client requirements, and where responsibility for a package is carried through to a reliable output.

02 KEY FACTS

10+
YEARS' EXPERIENCE
international practice

3
CORE MARKETS
UK · UAE · Poland

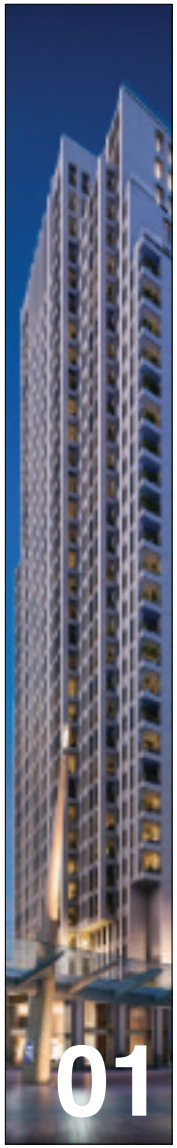
29,363
M² GIA
largest recent project

828
STUDENT ROOMS
modular London tower

03 CORE CAPABILITIES

DESIGN	Concept · Design development · Façades
DELIVERY	Revit · Technical packages · Detailing
COORDINATION	Structure · MEP · Authorities · Consultants

Unless otherwise credited, all drawings, models and visualisations in this portfolio were produced by the author. Each project notes my specific contribution and the design stages I was responsible for.
Cover photograph: Anwar Gargash Diplomatic Academy © Phil Handforth



peninsula
square
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emirates
diplomatic academy
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government
complex
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contemporary
villa
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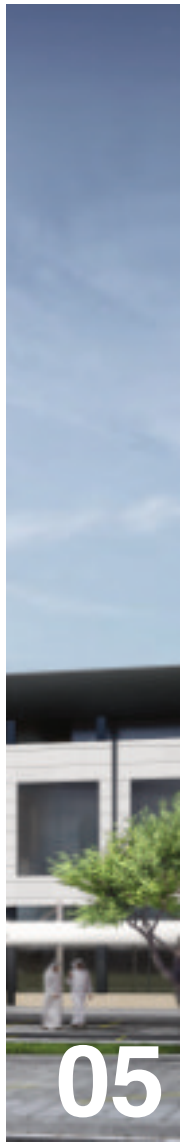

multi-purpose
hall
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trampoline
park
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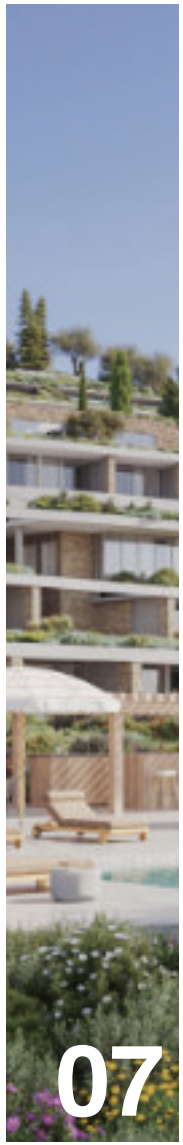

luxury resort
hotel
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UAE embassy
dhaka
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manor road
quarter
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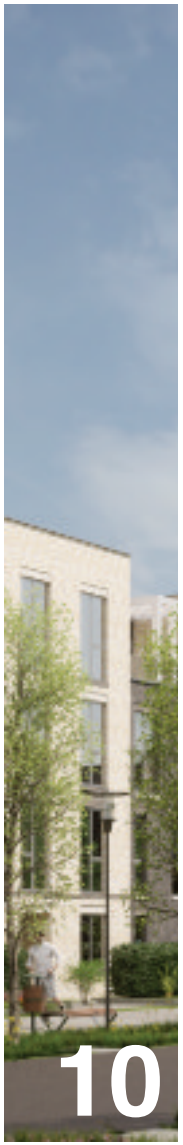

ashmere
parcel 9
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Peninsula Square

01

TYPE	AREA	LOCATION	YEAR	POSITION	ROLE	RIBA / HOAI	TOOLS
Purpose-built student accommodation (PBSA)	29,363 m² GIA 828 student rooms	Greenwich, London	2025	Architectural Designer	Podium, façade & canopy delivery	RIBA 4 ≈ LPH 5	Revit

ABOUT THE PROJECT

An 828-room student accommodation tower on Greenwich Peninsula, beside The O2, delivered in volumetric modular construction above a traditionally built podium. Developed at RIBA Stage 4, the project has secured planning permission.

The curved site geometry defined the central challenge: each elevation follows a different arc rather than a conventional orthogonal grid, while every arch, panel and joint had to maintain a consistent rhythm and proportion across plans, elevations and sections. I built the façade as a system of parametric Revit families — panels, arches and interfaces that could be swapped and tested rapidly — with cavity barriers and fire stops embedded directly into the families, appearing automatically and correctly in every section.

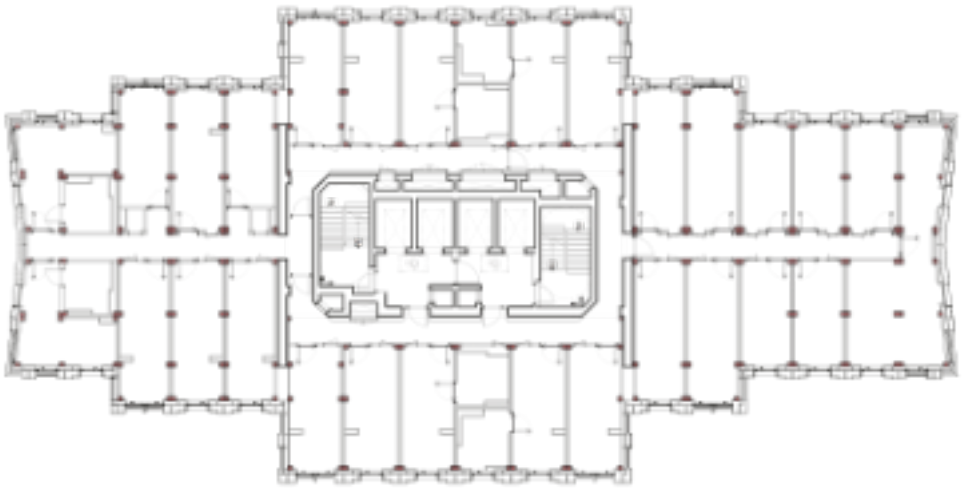
I redeveloped the podium plan and entrance zone, introducing the arched arcade that gives the base its civic character. The double-curved canopy was rationalised into three repeatable component types, keeping its sculptural form buildable. I produced the coordinated elevation and detail packages — stone and insulation build-ups resolved as constructible assemblies, chevron-cladding supports coordinated with specialist consultants — resulting in a façade that shifts in a controlled sequence of types from the public podium to the modular tower above, unified by one architectural language.

01.1 Street elevations following the curved site geometry — façade types coordinated through consistent rhythm and proportion. / ELEVATIONS

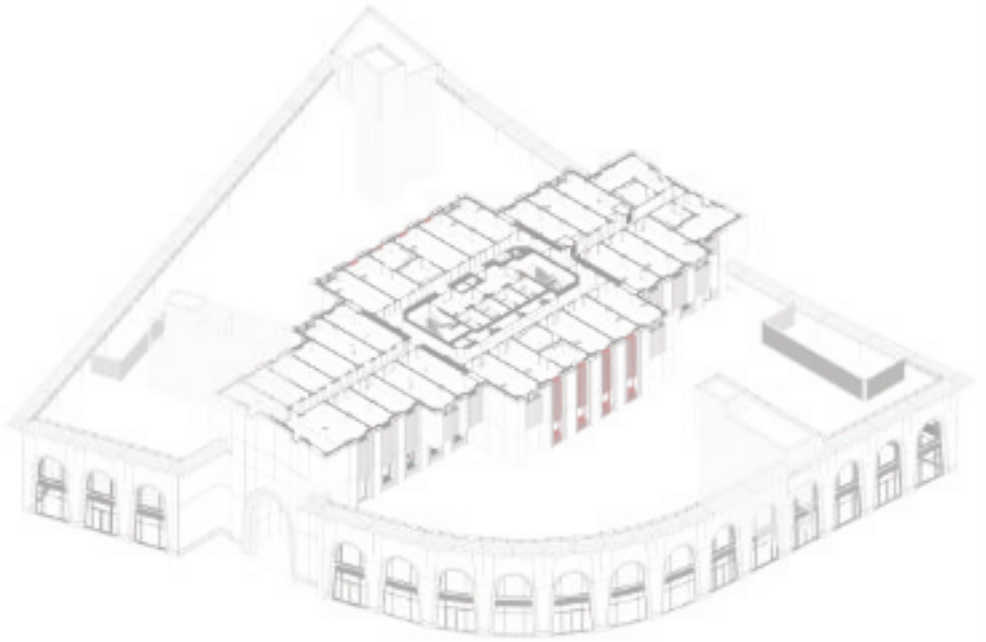
MY CONTRIBUTION | *Parametric façade families · podium, arcade & canopy Revit model · 1:25 elevations & sections · 1:5 interface details · specialist coordination*

01.2 Arcaded podium and undulating entrance canopy forming the architectural transition between the public realm and the modular tower above. / VISUALISATION · EPR ARCHITECTS

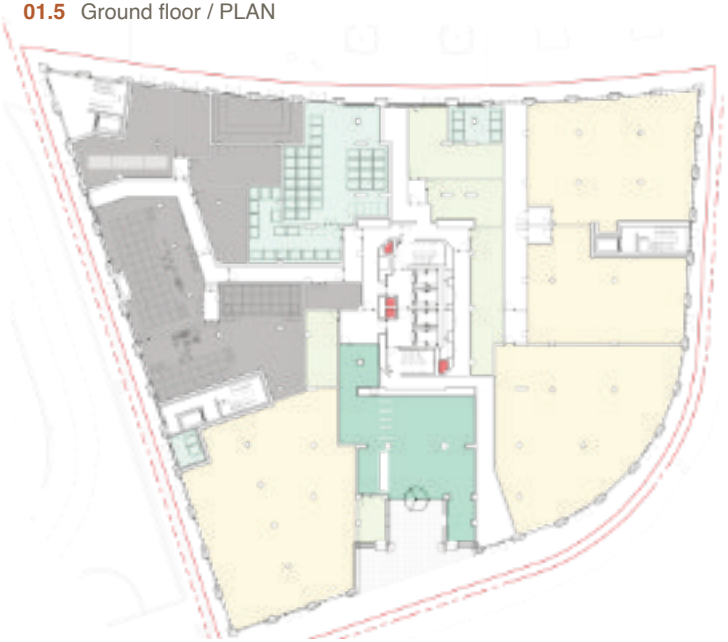
01.3 Typical floor / PLAN



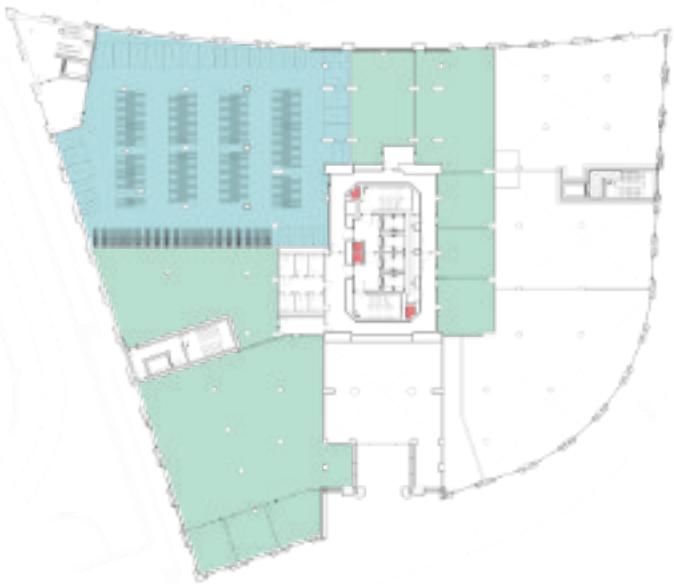
01.4 Arcade, escape cores & modular tower above. / AXONOMETRIC



01.5 Ground floor / PLAN

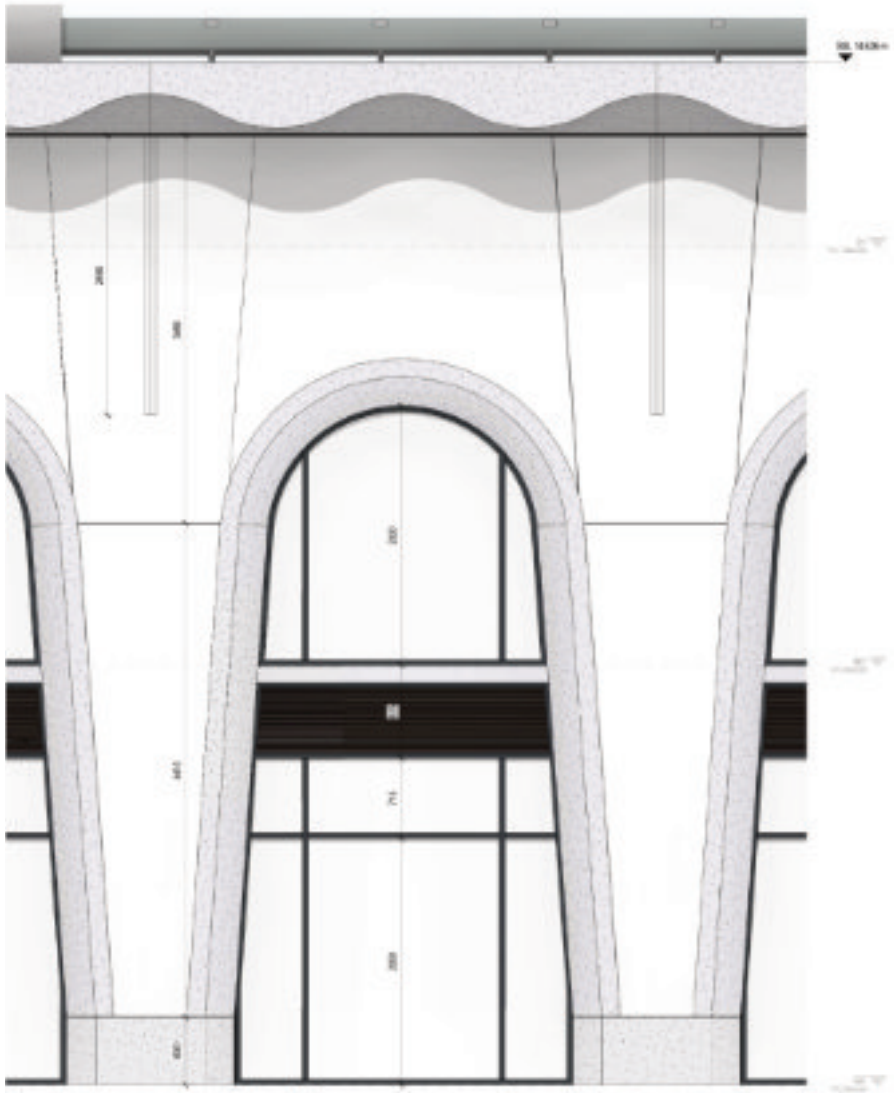


01.6 Mezzanine / PLAN

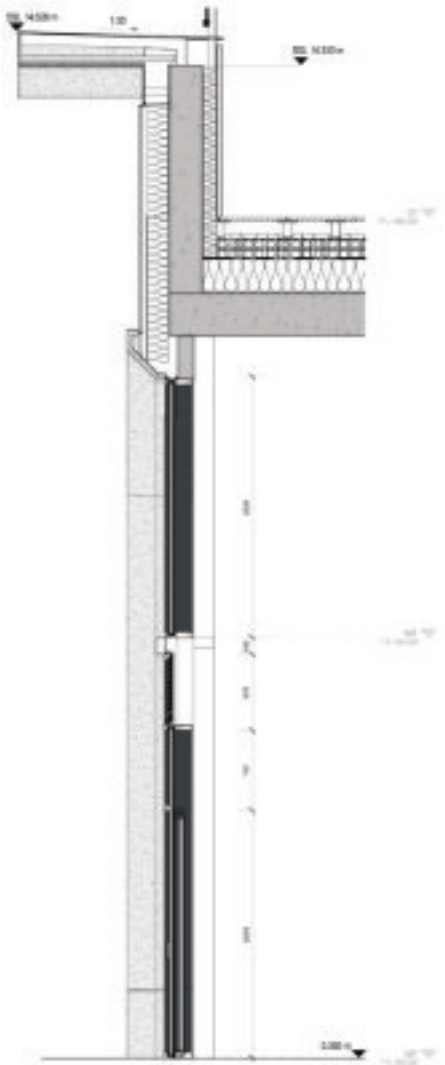


01.7 Podium - Level 01 / PLAN

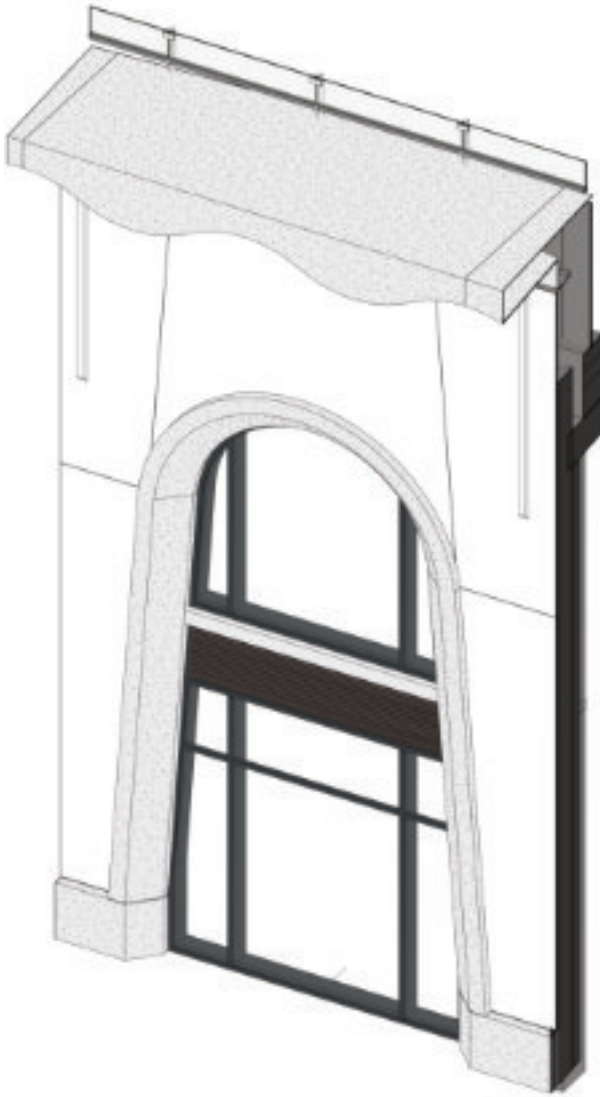
01.8 Podium arcade developed at 1:25 — elevation, plan, section and axonometric of a single standardised arch bay. / DETAILS



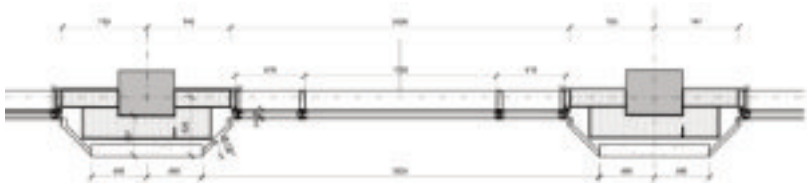
A01 — ELEVATION 1:25



ARCH 01 — SECTION A-A 1:25

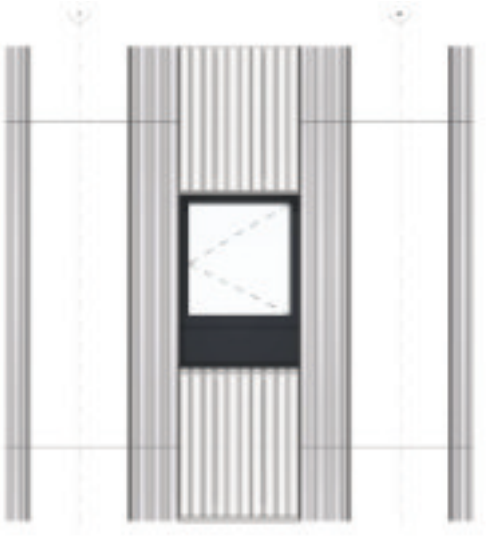


ARCH 01 — AXO



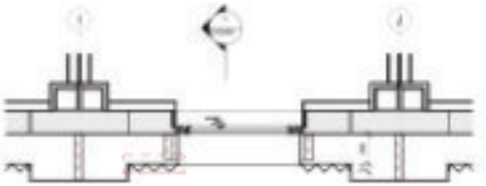
ARCH 01 — PLAN DETAIL 1:25

01.9 Modular façade Type 01A — coordinated elevation, section, plan and chevron detail / TYPE 01A



TYPE 01A ELEVATION 1:25

TYPE 01A SECTION 1:25



TYPE 01A PLAN 1:25

TYPE 01A AXONOMETRIC

TYPE 01A METAL DETAIL 1:5

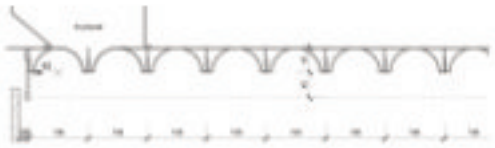
01.10 Modular façade Type 02 — alternative bay arrangement within the same proportional system. / TYPE 02

TYPE 02 ELEVATION 1:25

TYPE 02 SECTION 1:25

TYPE 02 PLAN 1:25

TYPE 02 AXONOMETRIC



TYPE 02 METAL DETAIL 1:5

Emirates Diplomatic Academy

02

TYPE	AREA	LOCATION	YEAR	POSITION	ROLE	RIBA / HOAI	TOOLS
Government educational building	18,000 m²	Abu Dhabi, UAE	2017	Architect	Auditorium, key interiors & design development	RIBA 2–4 ≈ LPH 2–5	Revit

ABOUT THE PROJECT

An 18,000 m² government academy for diplomatic education in Abu Dhabi, now known as the Anwar Gargash Diplomatic Academy, combining teaching spaces, offices, a library, auditorium and cafeteria around a central atrium. The building is completed, and the photographs show the built result.

The project was delivered by a multi-architect team working in a single shared Revit model through a tightly structured submission programme, requiring consistent drawing standards and disciplined coordination between individual packages. Within this structure, I was responsible for several of the building's key public spaces, where complex functions, geometry, circulation and controlled-access requirements had to be resolved together.

I developed the dual-mode auditorium, designed to convert between a banquet hall and a presentation venue with retractable tiered seating, and developed its wall-panel system using parametric Revit families — a limited set of repeatable types producing a varied interior surface. I also developed the parametric timber ceiling in the cafeteria, resolved the library layout, and coordinated the entrance and central circulation zones. Behind the principal glazed elevation, I designed an undulating internal wall referencing a theatre curtain — signalling the auditorium beyond. Seeing these parametric systems carried through into the completed building remains one of the most rewarding outcomes of the project.

02.1 The academy within its site — the timber-screened volume, the stone auditorium block and the shaded arrival court. / VISUALISATION - SHAPE

MY CONTRIBUTION | *Dual-mode auditorium · parametric wall-panel system & cafeteria ceiling · library, entrance & circulation layouts · coordinated drawing package in shared Revit model*

02.2 The academy at dusk — the perforated envelope glowing above the entrance colonnade. / VISUALISATION - SHAPE

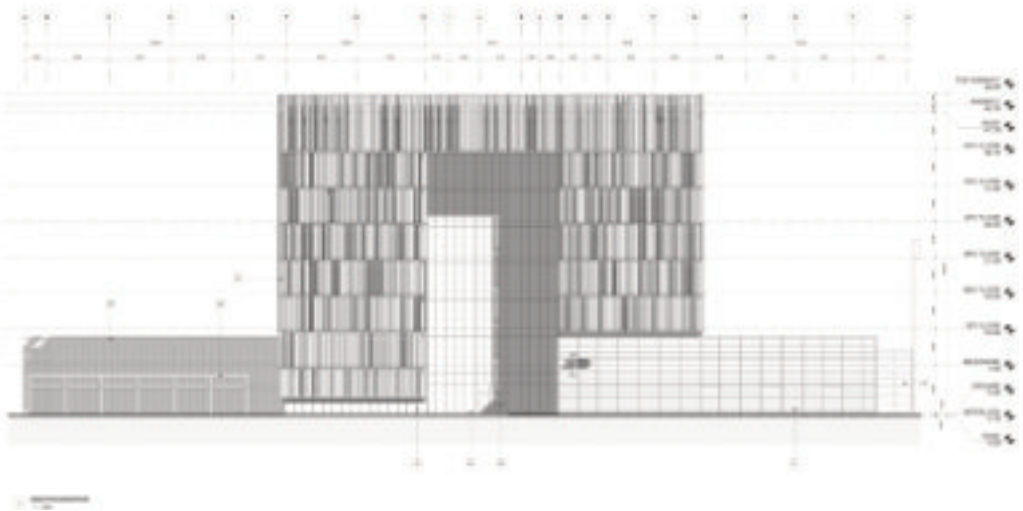
02.3 Entrance hall as built — the timber staircase rising through the atrium. / Photo: Phil Handforth.

02.4 Central atrium as built — study galleries connected by the continuous timber balustrade. / Photo: Phil Handforth.

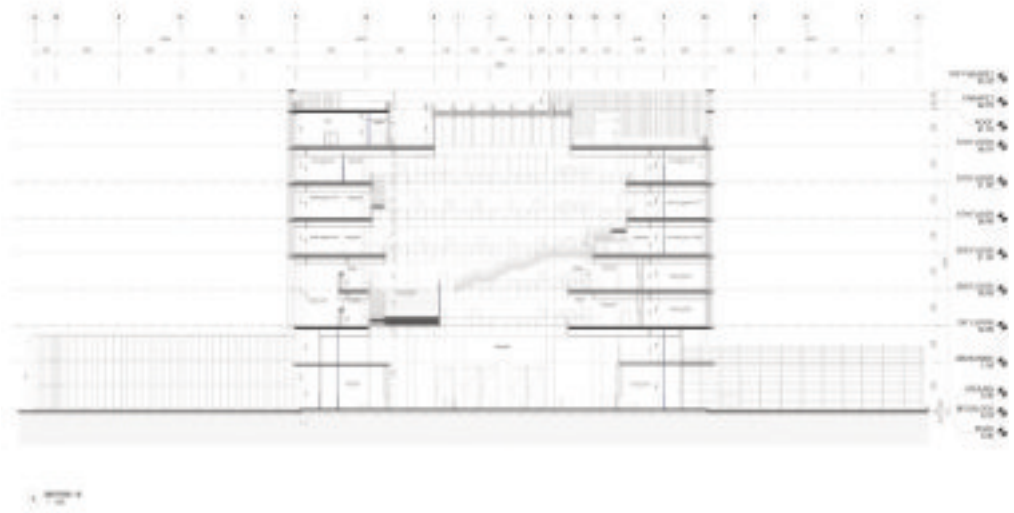
02.5 The completed building at night — the backlit screen above the entrance colonnade. / Photo: Phil Handforth.

02.6 Dual-mode auditorium as built — retractable tiered seating and the parametric wall-panels / Photo: P. Handforth.

02.7 Principal elevation — the perforated screen wrapping the upper volumes above the glazed base. / ELEV.

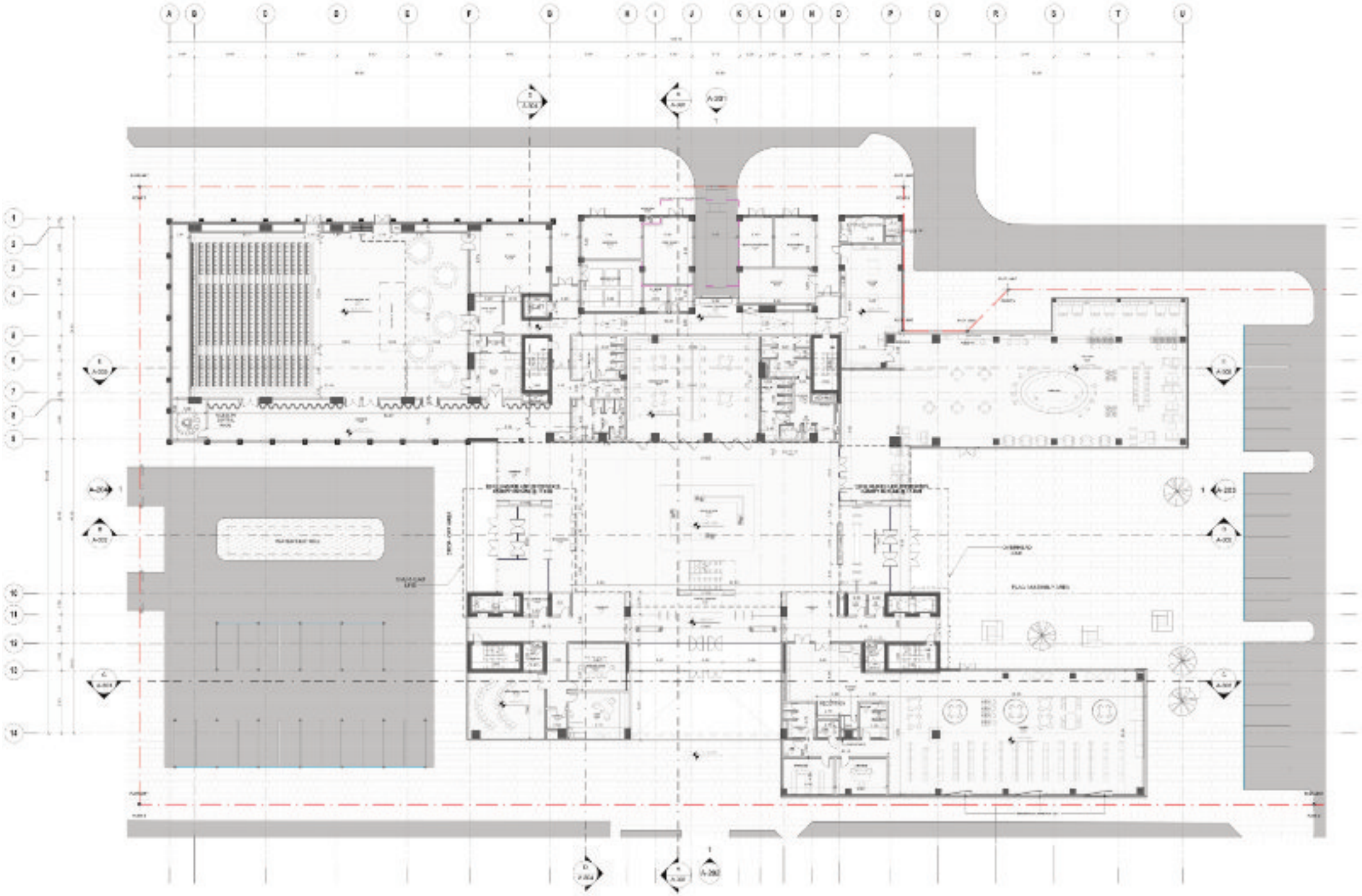


02.8 Section through the atrium and teaching floors. / SECTION



02.9 Undulating internal wall as built — referencing a theatre curtain, signalling the auditorium behind. /Photo: Phil Handforth.

02.10 Ground-floor plan. / PLAN



Government Complex

03

TYPE	AREA	LOCATION	YEAR	POSITION	ROLE	RIBA / HOAI	TOOLS
Government complex	15,300 m²	Confidential	2018	Design Architect	Competition concept & package development	RIBA 2 ≈ LPH 2	Revit, Lumion LiveSync

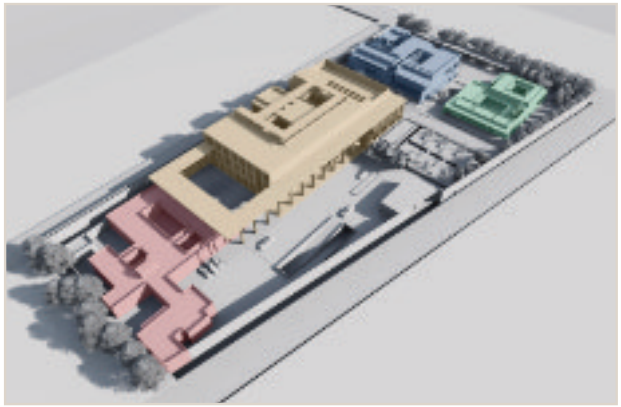
ABOUT THE PROJECT

A confidential UAE government complex in Africa, developed by a three-person team as the winning entry in an invited design competition. Due to confidentiality requirements, only selected architectural information and external views can be presented.

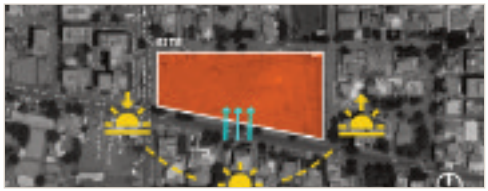
The concept had to establish an appropriate representative identity for the UAE in an unfamiliar climate and context. Site geometry, solar orientation and security requirements shaped a series of linear east–west volumes maximising controlled northern daylight, with shaded arcades protecting the principal southern elevations, and landscaped courtyards providing secure external spaces for arrival, formal gathering and private use.

Working alongside a senior architect, I produced the competition package: approximately 30 A1 presentation sheets with plans, sections and elevations of the principal buildings, and a 150-page concept report documenting the design development, site response, climate strategy and functional organisation. All drawings, the Revit model and the visualisations shown were produced by me. The package was developed through a live Revit–Lumion workflow, with model changes updating directly in the visualisation environment — allowing massing, façade proportions and key views to be reviewed and refined in real time.

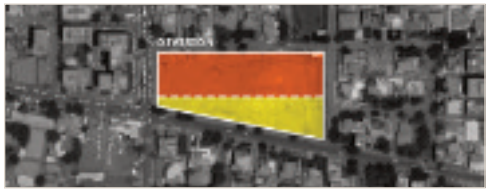
03.2 Arcaded entry porch above the water garden. / VISUALISATION



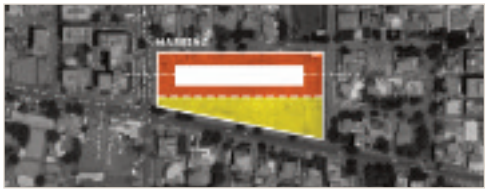
03.1 Functional zoning across the complex. / AXONOMETRIC



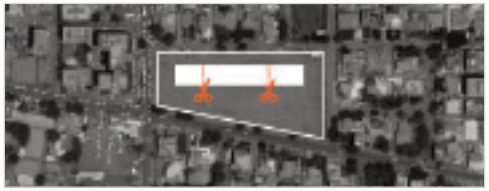
03.3 Site & context. ANALYSIS



03.4 Summer sun path. ANALYSIS



03.5 Winter sun path. ANALYSIS



03.6 Linear massing. CONCEPT

03.7 Courtyards & oases. CONCEPT

03.8 Final massing. CONCEPT

MY CONTRIBUTION | *Winning competition concept · full Revit model · 30 A1 presentation sheets · 150-page concept report · all visualisations*

03.9 Aerial view — linear buildings organised around landscaped courtyards, with the reflecting water court facing the banquet hall. / AERIAL VIEW

Contemporary Villa

04

TYPE	AREA	LOCATION	YEAR	POSITION	ROLE	RIBA / HOAI	TOOLS
Private residence	4,200 m² (plot 41,500 m²)	Dubai, UAE	2019	Architect	Villa wings & structural coordination	RIBA 3–4 ≈ LPH 3–5	Revit

ABOUT THE PROJECT

A 4,200 m² private residence in Dubai, its elevations defined by a contemporary mashrabiya — a reinterpretation of the traditional screen that controls privacy and solar exposure while establishing the architectural character of the villa. The building is completed.

I joined the project after the initial concept had been established and was responsible for developing the individual wings of the villa — resolving their layouts and functional organisation around the client's requirements — and for the structural coordination across the building. I also developed the mashrabiya screen itself, modelling it as a curtain-wall system of panels with controlled openings, translating the concept into a buildable, documented façade element.

Working within a three-person team led by the project architect, we delivered the coordinated architectural drawing package for construction, resolving layouts, structural interfaces and building geometry as the design progressed from schematic development into detailed delivery.

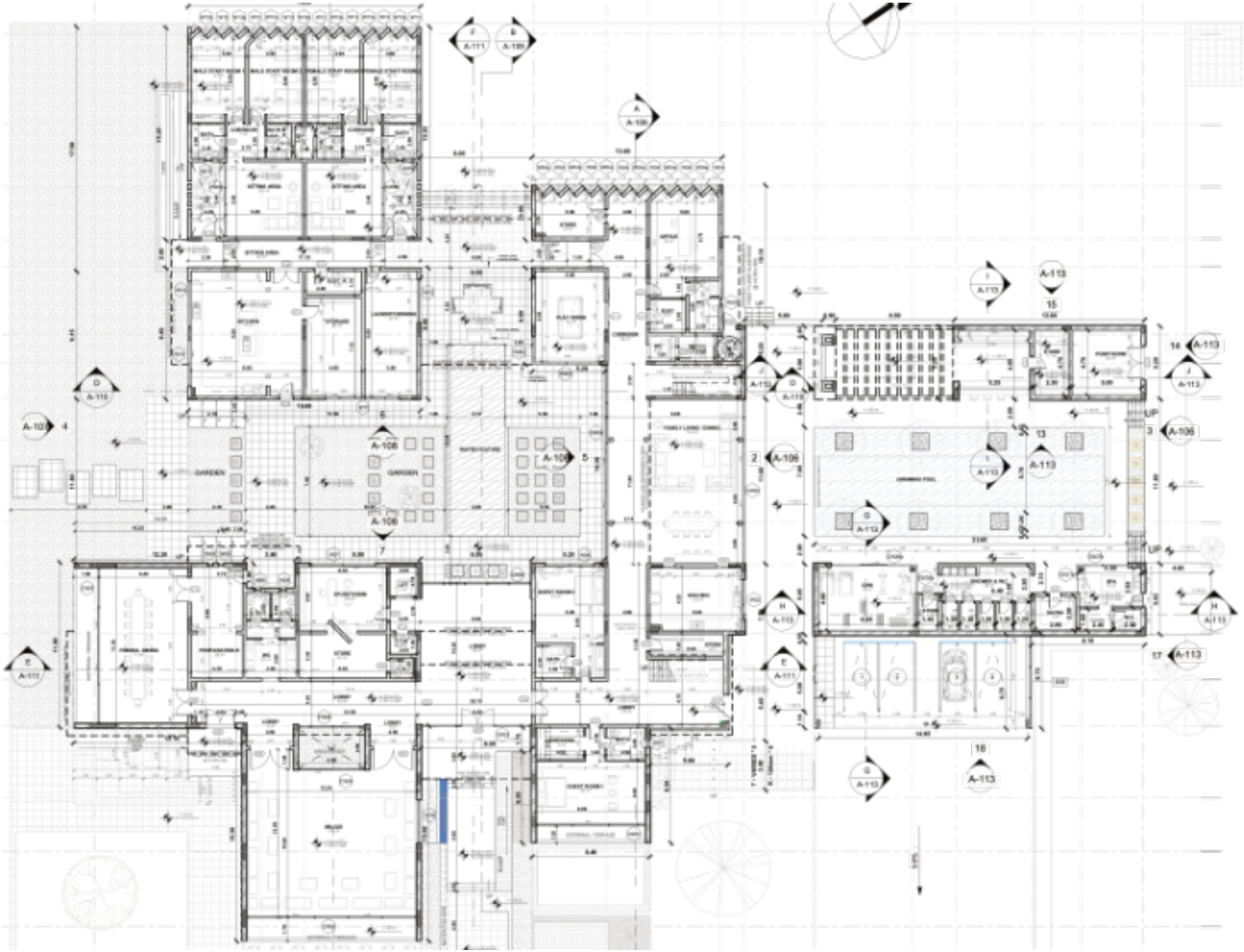
04.1 Contemporary mashrabiya screens on the garden elevation — the curtain-wall panel system controlling privacy and solar exposure. / EXTERNAL VIS.

04.2 The pool court. / EXTERNAL VISUALISATION

MY CONTRIBUTION | *Villa wings development · functional layouts · mashrabiya curtain-wall system · structural coordination · coordinated drawing package*

04.3 The main entrance — concrete volumes and the corten mashrabiya band unifying the villa wings. / EXTERNAL VISUALISATION

04.4 Ground-floor plan — the villa wings organised around courtyards, water features and the pool terrace. / PLAN



Al Dhaid Multi-Purpose Hall

05

TYPE	AREA	LOCATION	YEAR	POSITION	ROLE	RIBA / HOAI	TOOLS
Hall, retail & offices	7,400 m²	Al Dhaid, UAE	2019	Lead Architect	Concept to building permit	RIBA 2–4 ≈ LPH 2–5	Revit, AutoCAD

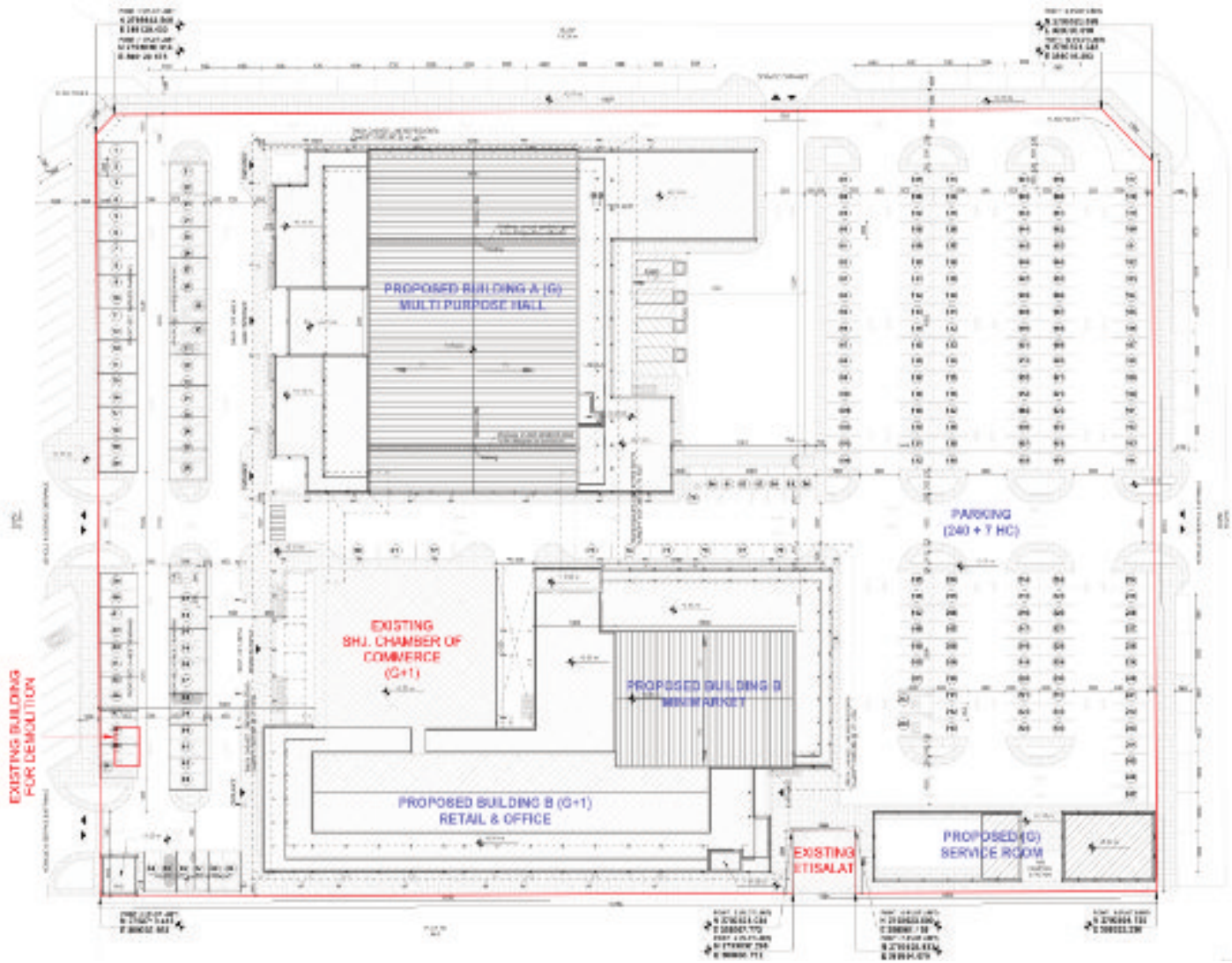
ABOUT THE PROJECT

A multi-purpose hall in Al Dhaid, UAE, developed from concept design through to building permit — and subsequently built. I was the sole architect on the project, working under the supervision of a manager, responsible for the architectural design, the full drawing package, consultant coordination and the municipal approval process.

The role combined design development, multidisciplinary coordination and municipal approvals within a single architectural responsibility. I ran the meetings and coordination with the structural, steel, concrete and MEP consultants, maintaining the architectural intent through successive rounds of negotiation. I developed the complete site strategy — efficient parking layout and calculations, delivery routes, fire-access roads and required clearances — verifying municipal regulations written in Arabic through translation, and presented the project to the municipality to secure the final building permit.

The project also tested how the design survives pressure. A week before submission, the structural engineer increased the column dimensions — a change cascading through plans, elevations and details. Because the model was built in Revit with parametric relationships, the geometry could be updated quickly; I re-adjusted the façade panels around the revised structure so the architectural language remained intact, allowing the revised package to proceed to municipal approval without compromising the design.

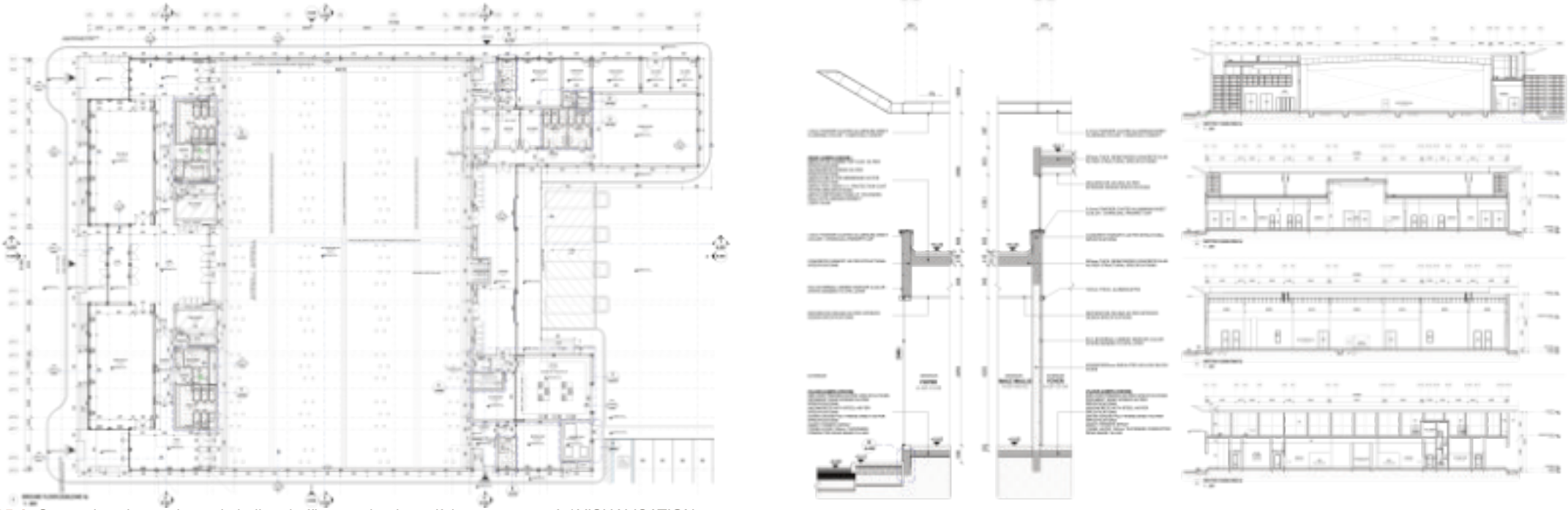
05.1 Site plan — parking, delivery routes and fire-access roads resolved within municipal requirements. / SITE PLAN



05.2 Completed building. / PHOTO © GOOGLE

MY CONTRIBUTION | *Architectural drawing package · concept to permit · site strategy, parking & fire access · structural, steel & MEP coordination · municipal presentations & building permit*

05.3 General arrangement — plans, wall sections and elevations.



05.4 Street elevation — the main hall and offices under the unifying canopy roof. / VISUALISATION

05.5 Both buildings within the town fabric — the hall and the retail-office wing sharing one roof plane. / AERIAL VIEW

05.6 Retail and office wing — street view. / VISUALISATION

Trampoline Park

06

TYPE	AREA	LOCATION	YEAR	POSITION	ROLE	RIBA / HOAI	TOOLS
Commercial & leisure — extension	7,187 m²	Sharjah, UAE	2020	Lead Architect	Extension, façade & coordination	RIBA 3–4 ≈ LPH 3–5	Revit, AutoCAD

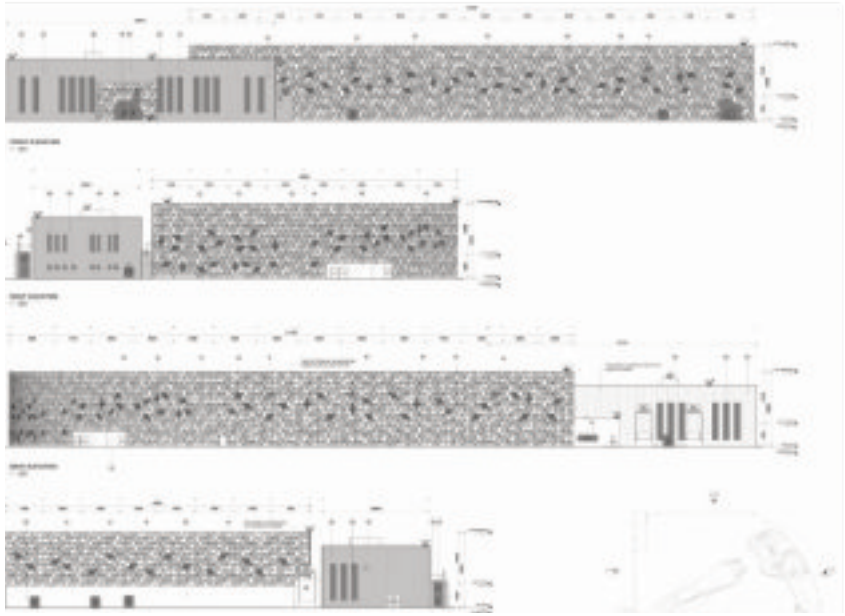
ABOUT THE PROJECT

A trampoline park in the UAE — an extension of an existing building, its form shaped by the tight geometry of the site. I led the architectural design, consultant coordination and permit process under the supervision of a manager.

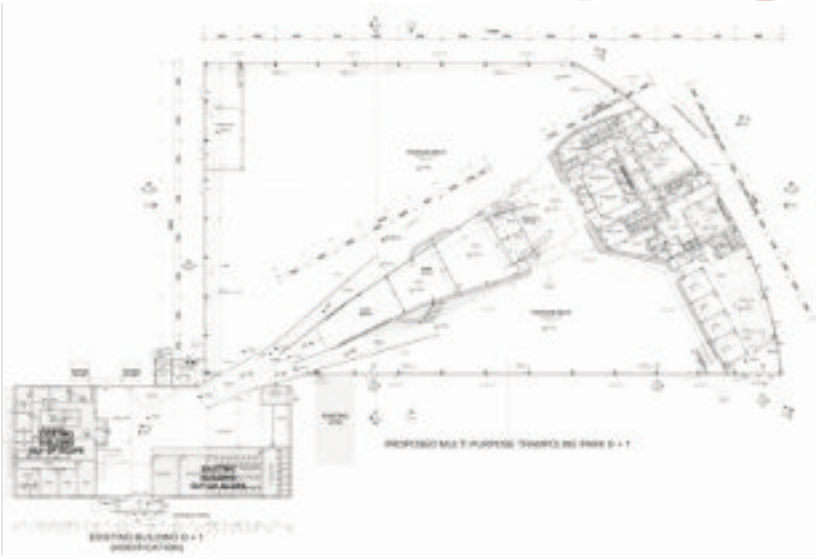
The work ran on three fronts: partial demolition and redesign of the existing building with new functions and interiors; a new main hall in steel construction with sandwich-panel cladding; and the connection joining old and new into a single composition. At the heart of this connection sits the central ramp — a demanding, sculptural geometry that physically links the existing building with the new hall while organising visitor circulation between the main entrance, café and relaxation areas.

One of the key design challenges was creating a distinctive identity from a deliberately limited palette of components. The façade uses a few standardised panel types — differing in colour, or fitted with a window or ventilation louvres — arranged and rotated so the elevation reads as unique while remaining fully repetitive and economical to build.

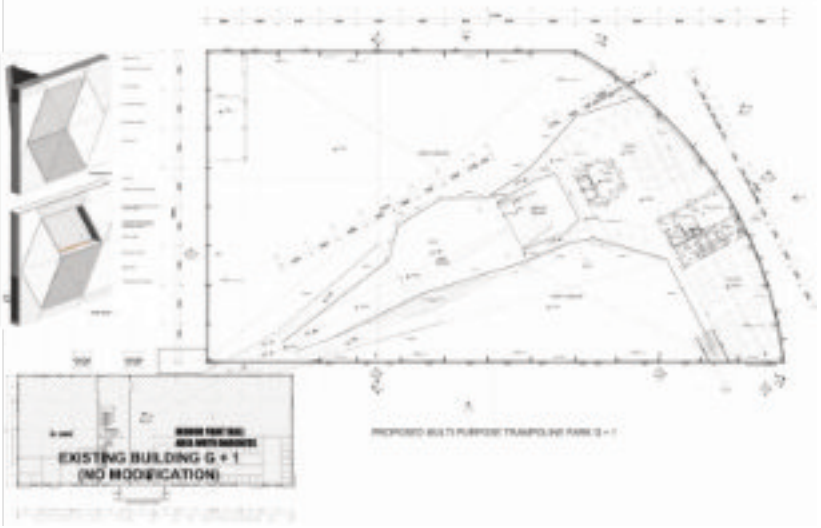
The project also demonstrated what full coordination means in practice. Because the structural and MEP consultants worked in 2D AutoCAD, I recreated their steel structure in Revit to verify exact positions in three dimensions — ensuring the structure and façade were fully coordinated before submission. The project secured its permit; construction has not yet started.



06.1 Elevation set — the limited family of rotating panel types applied across all façades. / ELEVATIONS



06.2 Ground-floor plan — existing building, new hall and the central ramp linking entrance, café and relaxation areas. / PLAN



06.3 First-floor plan — the trampoline hall and visitor circulation. / PLAN

MY CONTRIBUTION | *Full drawing package · standardised rotating-panel façade · central ramp geometry · steel structure recreated in Revit for coordination · structural & MEP coordination*

06.4 Elevation developed from a limited family of rotating panel types — colour, window and louvre variants reading as a unique façade from standardised components. / VISUALISATION

Luxury Resort Hotel

07

TYPE	AREA	LOCATION	YEAR	POSITION	ROLE	RIBA / HOAI	TOOLS
Hospitality — luxury resort	68,000 m² site · 60 keys	Confidential	2024	Architectural Designer	Hotel geometry, rooms & guest areas	RIBA 4 ≈ LPH 4–5	Revit, BIM 360

ABOUT THE PROJECT

A luxury resort hotel for one of the world's leading hospitality brands, designed by an external concept architect. Our office was responsible for the full technical drawing package and the permitting process. The project is under construction, with opening approaching; the materials shown are those publicly released.

Working in the four-person team responsible for the main hotel building, my principal task was coordinating the building geometry: each floor level shifts against the one below, and I established the geometric system of curvatures that keeps every level unified despite the offsets. This made it possible to standardise the ultra-luxury guest rooms — spaces with almost no parallel walls, each shaped like a slice cut from the curved plan, where the smallest misalignment would cascade through the whole arrangement. I also developed the terraces, the shared guest areas and the pools, which follow the same curvature down to the layout of their tiling.

The client reviewed the project continuously in BIM 360, with the team distributed between Poland and the UK. This meant weekly model uploads with every clash and warning resolved — the model had to leave our hands clean, week after week, throughout the delivery.

07.1 The resort within its coastal site — buildings following the topography from the shore to the hilltop. / PUBLISHED VISUALISATION

MY CONTRIBUTION | *Curvature unification across shifted floor levels · standardised luxury guest rooms · terraces, pools & guest areas · weekly clash-free BIM 360 model uploads*

07.2 Pools and terraces following the curvature of the building. / PUBLISHED VISUALISATION

07.3 Guest terraces stepping with the hillside — planted roofs binding the buildings into the landscape. / VIS.

07.4 The resort from the water — the built form held below the tree line. / PUBLISHED VISUALISATION

07.5 Guest-room wings following the curved contours of the site. / PUBLISHED VISUALISATION

07.6 Suite terrace — private pool and shaded outdoor living. / PUBLISHED VISUALISATION

UAE Embassy

08

TYPE	AREA	LOCATION	YEAR	POSITION	ROLE	RIBA / HOAI	TOOLS
Government — diplomatic	4,500 m² (site 3,915 m²)	Dhaka, Bangladesh	2019	Design Architect	Competition concept & parametric façade	RIBA 2 ≈ LPH 2	Revit, Lumion, Dynamo

ABOUT THE PROJECT

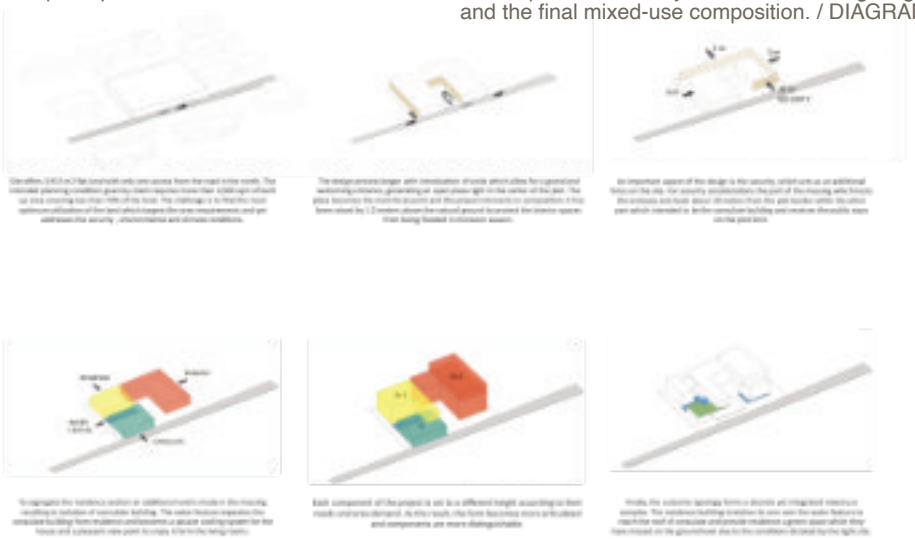
A competition concept for the UAE Embassy in Dhaka — an ensemble of embassy, consulate and residence developed in around one month under the supervision of the office manager. The concept was principally my own, developed through regular reviews with a senior at key stages to confirm and refine the direction. The drawings, diagrams and presentation material shown were produced by me; the final visualisations were externally retouched before submission, based on our Revit and Lumion model.

The site posed a compact equation: 3,915 m² of flat land with a single access road, required to carry over 4,500 m² of built area within a 70% footprint limit — while resolving security, climate and representation at once. The massing answers with shifted volumes creating an illusion of detachment: voids cut into the block form a welcoming entrance plaza at the centre of the plot, raised 1.2 m above ground to protect the interiors from monsoon flooding. Security became the organising principle of the composition rather than a constraint applied afterwards — the embassy set back ten metres from the plot border, the public-facing consulate held on the plot limit. A water feature separates the consulate from the residence, providing passive cooling and a view from the living spaces; the residence then bridges across the water to reach the roof garden above the consulate, recovering the green space the tight site denies at ground level.

The façade carries the representative task: a contemporary mashrabiya controlled through a Dynamo script, giving full command over the gradient of the panels — opening progressively over glazed rooms, closing over solid walls, a controlled gradient varying across the elevation. The system let us blend Emirati architectural identity with the local climate, culture and materials. Working in Revit with live Lumion feedback, each design change could be assessed immediately — a pace that made a project of this complexity possible within the competition timeframe.

08.1 The raised entrance plaza — voids cut into the massing forming the arrival court. / VISUALISATION

08.2 Concept sequence — from site constraints and entrance plaza to security setbacks, massing heights and the final mixed-use composition. / DIAGRAMS

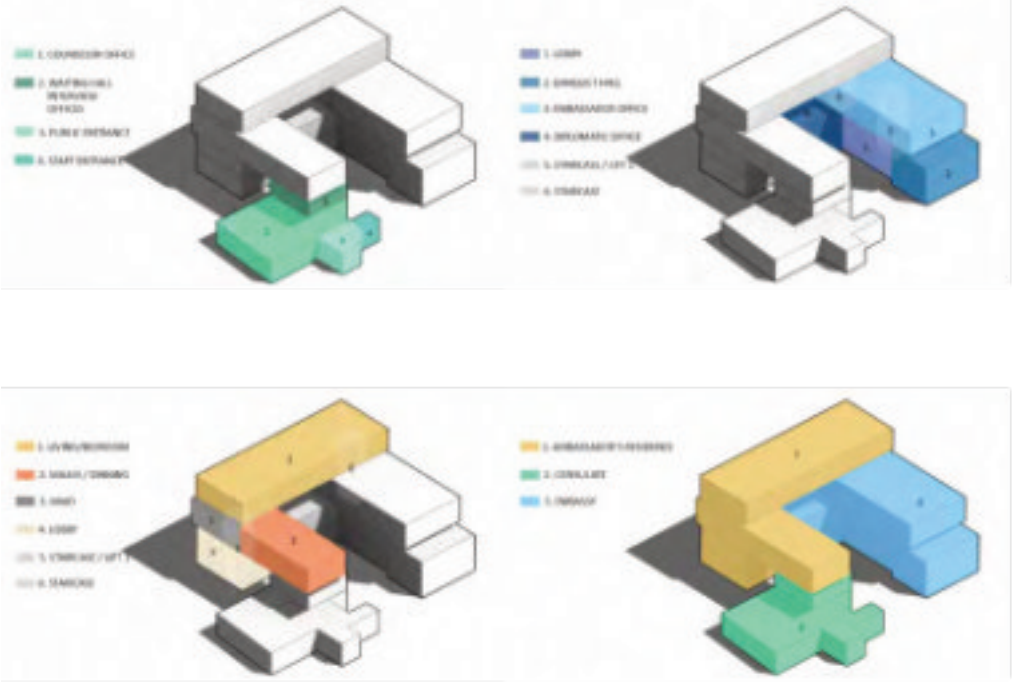


08.3 The embassy from the street at dusk. / VISUALISATION

MY CONTRIBUTION | *Competition concept · massing & security strategy · Dynamo-driven parametric mashrabiya · Revit model & Lumion workflow · full graphic presentation & submission boards*

08.4 The embassy from the street — shifted volumes above the patterned boundary wall. / VISUALISATION

08.5 Functional massing — embassy, consulate and residence distributed across the shifted volumes. / DIAG.

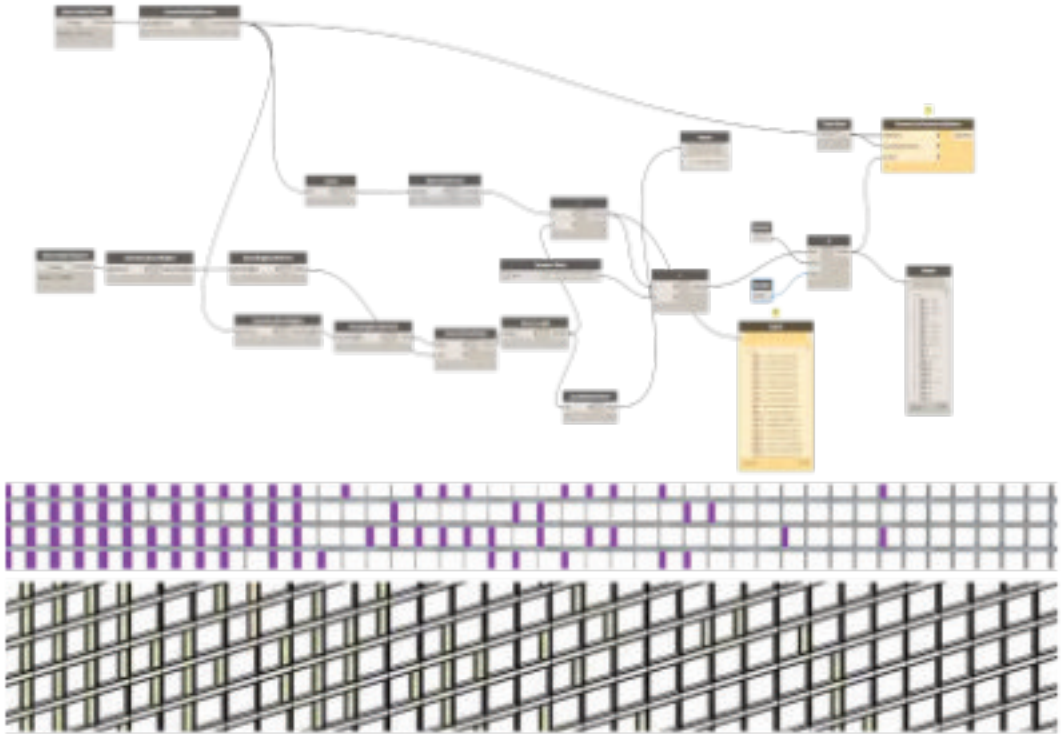


08.6 Ground-floor plan — the consulate sequence from public entrance to secure zones. / PLAN

08.7 The ensemble from above — the residence bridging over the water feature to the roof garden. / VIS.

08.8 Upper-floor plans — embassy, consulate and residence layouts within the security zoning. / PLANS

08.9 Dynamo-controlled mashrabiya — the script and panel studies behind the gradient of openings. / STUDY



08.10 Section through the embassy and residence / SECTION

08.11 The water court between consulate and residence — passive cooling and a view from the rooms / VIS.

08.12 Section through the residence and consulate — the roof garden recovering the green space. / SECTION

Manor Road Quarter

09

TYPE	AREA	LOCATION	YEAR	POSITION	ROLE	RIBA / HOAI	TOOLS
Residential, mixed-use development	290 homes four buildings	Canning Town, London	2026	Architectural Designer	Structural & MEP coord. cores & façade rhythm	RIBA 3–4 ≈ LPH 3–5	Revit, BIM 360

ABOUT THE PROJECT

Phase 2 of the Manor Road Quarter masterplan in Canning Town, London — 290 homes across four brick-clad residential buildings, 50% affordable, above a mixed-use base beside a new linear park. The phase secured planning permission and progressed into technical delivery.

The central challenge was coordinating four buildings simultaneously under continuously changing requirements — structural, regulatory and budgetary. Working in the four-person Poland-based team with two directors in London, I was directly responsible for the structural and MEP coordination: weekly sessions with the London consultants, consultant models coordinated through BIM 360 to office standards and linked into a master model split across multiple files to keep all four buildings workable at once.

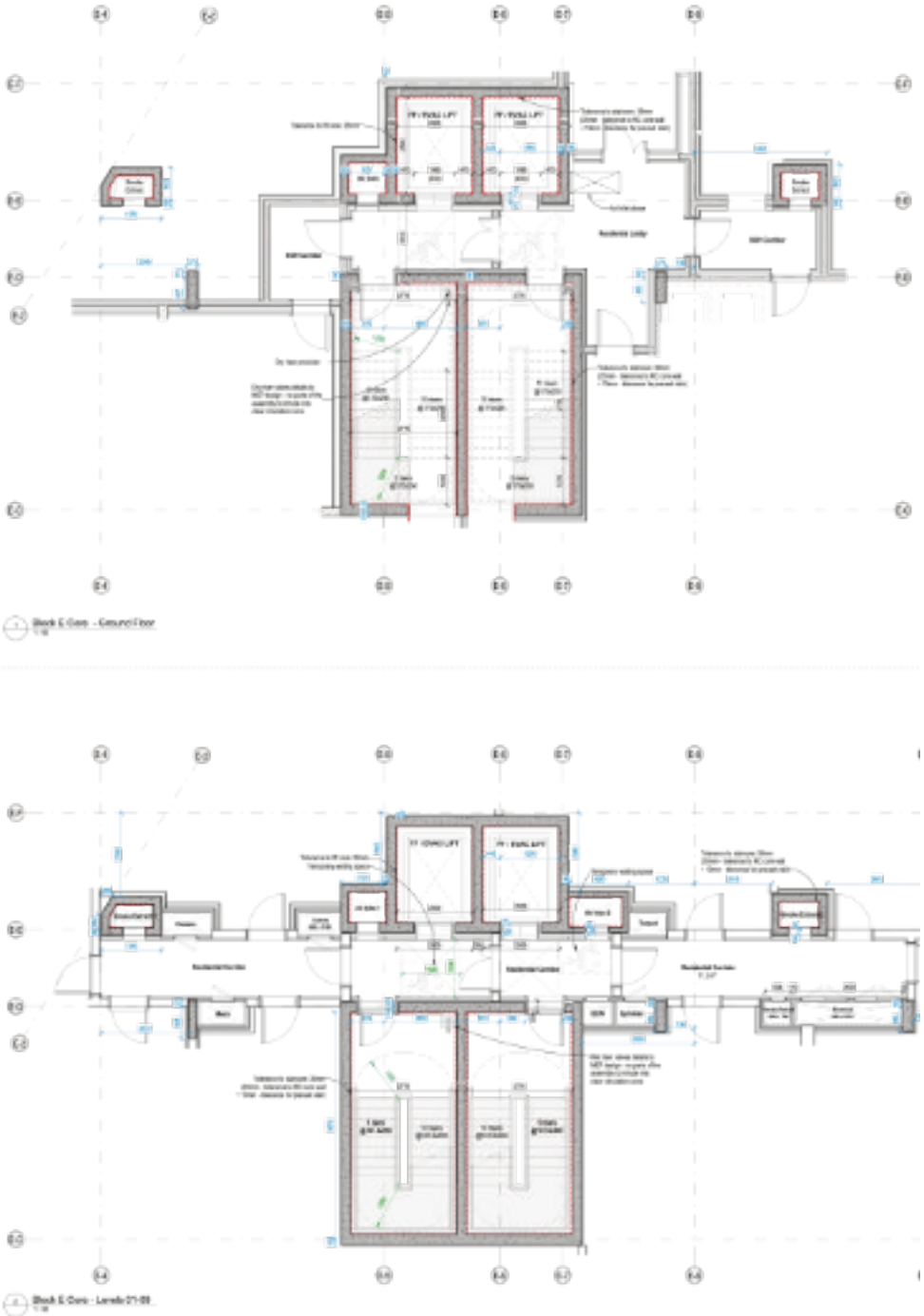
Each shift in requirements landed on the architecture. When structural changes moved the grid, I re-established the window rhythm across the elevations — the whole façade coordinated to the brick format, with full balconies where the budget allowed and lighter ones where costs had to come down. Value engineering ran through the entire project: weekly client meetings with the full consultant team revolved around reducing construction cost without losing the design quality fixed by the planning approval. And when fire-safety regulations changed after Grenfell, I redesigned the cores and staircases to the new requirements, coordinating directly with the fire consultants, before reworking the affected apartment layouts around the revised shafts to keep every home as functional as possible.

09.1 Phase 2 within the masterplan — the four buildings beside the new linear park and the river walk. / VISUALISATION · EPR ARCHITECTS

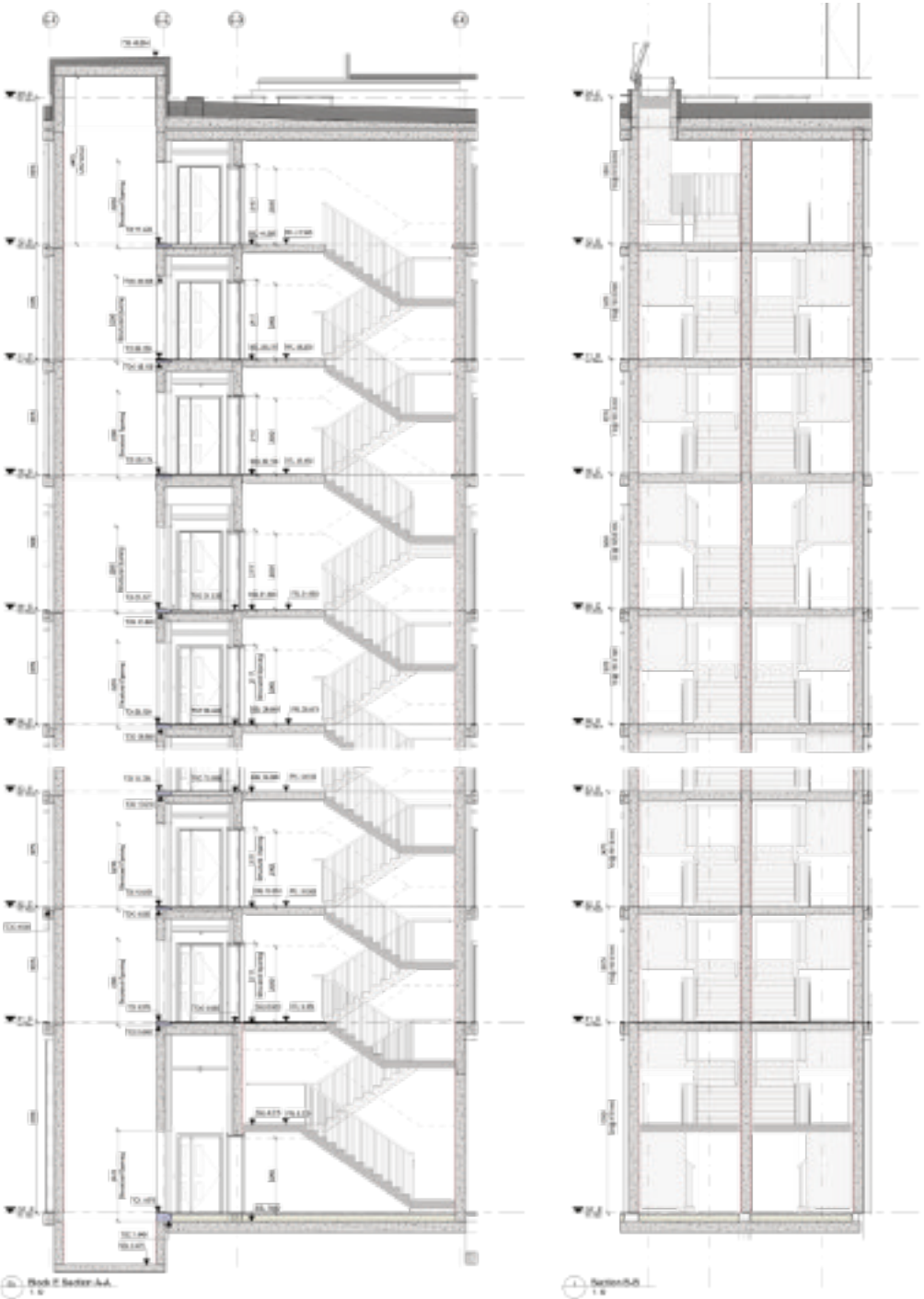
MY CONTRIBUTION | *Structural & MEP coordination across four buildings · façade rhythm & brick-format coordination · post-Grenfell core & stair redesign · apartment layout reconfiguration · BIM 360*

09.2 The buildings overlooking the green — brick tones and balcony types differentiating the four blocks. / VISUALISATION · EPR ARCHITECTS

09.3 Core plans redesigned to post-Grenfell fire-safety requirements — ground and upper levels. / PLANS



09.4 Stair sections — evacuation cores resolved with the fire consultants. / SECTIONS



09.5 Elevations — the lower block, window rhythm coordinated to the brick format. / ELEVATIONS

09.6 Elevations — the taller blocks, the rhythm re-established after structural grid changes. / ELEVATIONS

09.7 Street-facing elevations — full and lightweight balconies balancing design and budget. / ELEVATIONS

09.8 Courtyard-facing elevations within the same brick-format system. / ELEVATIONS

09.9 Site assembly — the four buildings arranged along the linear park. / SITE PLAN

09.10 Typical floor plan — unit-mix distribution across the block. / PLAN

09.11 Typical floor plan — apartment layouts reworked around the revised shafts. / PLAN

09.12 Upper-level plan within the same core arrangement. / PLAN

09.13 The four buildings from the park. / VISUALISATION · EPR ARCHITECTS

09.14 Courtyard building — coloured balconies above the play space. / VISUALISATION · EPR ARCHITECTS

09.15 Corner condition — brick tones differentiating the blocks. / VISUALISATION · EPR ARCHITECTS

09.16 Buildings addressing the green — the brick-format façade as built intent. / VISUALISATION · EPR ARCH.

Ashmere — Parcel 9

10

TYPE	AREA	LOCATION	YEAR	POSITION	ROLE	RIBA / HOAI	TOOLS
Residential masterplan	3.94 ha · 215 homes	Ebbsfleet, Kent, UK	2023	Architectural Designer	Masterplan, streets & housing types	RIBA 3 ≈ LPH 3–4	Revit, Enscape, Twinmotion, Photoshop

ABOUT THE PROJECT

A residential parcel of the Ashmere masterplan within Ebbsfleet Garden City, Kent — the first garden city founded in the UK in a century — developed by a four-person team: two architects including myself, an associate and a director in London. The central design challenge was creating neighbourhood identity from a limited catalogue of repeated house types.

The design began away from the computer. Before anything was drawn in Revit, we worked in sketches — street sections, massing studies, plan variants — reviewed with the director and only then translated into the model. I designed the rhythm of the streets, particularly those shown in the visualisations: selected houses step forward from the building line, roof angles and profiles vary, while the plans behind remain deliberately standardised. At street corners and turns, distinctive houses invite the eye to look further in — an urbanism composed at walking pace, within the wider street hierarchy connected to the Fastrack transit route.

My work extended from the masterplan to the individual buildings: urban layouts, site plans and diagrams; house-type plans and elevations meeting UK standards; and two apartment buildings developed from a simple block through cuts, shifts and varied roofs, so each reads as several merged houses rather than one dominant volume among the single-family streets. The work concluded in a design document of around 150 pages and a series of A1 boards presenting the urbanism, landscape, parking, house types and full street sections — where the relationship between buildings, streets and landscape defines the quality of the neighbourhood.

10.1 Illustrative masterplan — the parcel outlined within the wider garden village. / MASTERPLAN

MY CONTRIBUTION | *Street rhythm & urban composition · house-type plans & elevations · two apartment buildings · masterplan boards & full street sections · 150-page design document · visualisations*

10.2 Apartment buildings overlooking the Village Green — the Fastrack route passing through the neighbourhood. / VISUALISATION

10.3 Detailed layout — apartments and houses across the parcel. / PLAN

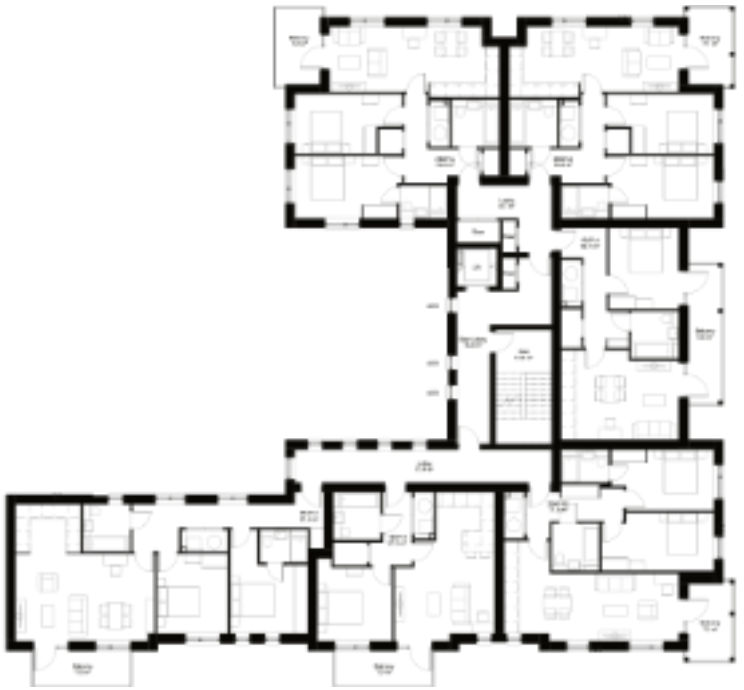
10.4 Landscape-led site plan — gardens, street trees and shared greens structuring the parcel. / SITE PLAN

10.5 House-type elevations — varied roofs and materials on deliberately standardised plans. / ELEVATIONS

10.6 Full street sections — the scale showing relationships between buildings, streets and landscape / SECT.

10.7 Apartment building developed from a simple block — cuts, shifts and varied roofs. / VISUALISATION

10.8 Apartment floor plan — units meeting UK space standards. / PLAN



10.9 Street rhythm — selected houses stepping forward, roof profiles varying along the street. / VIS.

10.10 The secondary street — apartment buildings held behind tree planting. / VISUALISATION

10.11 Houses fronting the neighbourhood green. / VISUALISATION

10.12 Apartment building marking the corner — timber screens and balconies above the public space. / VIS.

Thank you for your time.

Full drawing sets, models and references available on request.

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