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R E S I D E N T I A L
A N D M I X E D U S E
D E V E L O P M E N T S

Mallings, Lewes

Stages: 4-5

Value: £3 million

Status: On Site

Role: Technical Design

The conversion of two office buildings into a series of 5 mews houses and a block of 8 apartments.

Key Tasks:

- Preparing information for the discharge of Planning Conditions.
- Preparing the Tender Package, including NBS Specification, for the entire project.
- Developing design elements further for construction i.e. the staircases, windows, balconies etc.
- Checking and signing off sub-contractor's information including a large and fairly complex window package.
- Resolving Contractor Queries and updating information to reflect Contractor product changes i.e. changing insulation from mineral wool to EPS.
- Working with Building Control to resolve issues, particularly fire compartmentation of the metal frame and EWI between Units.

Key Learnings:

- The importance of developing a robust fire strategy at the early stages of a project, especially in light of the Building Safety Act 2022.
- The difficulties of working with EPS on a multi-dwelling building as extensive fire stop and fire barriers were required to mitigate the risks. In hindsight we should have advised Client to stick with Mineral Wool as originally proposed.



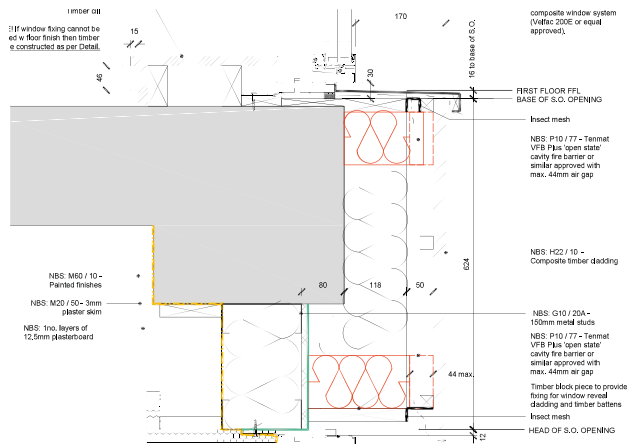
Artist's Visulation of the Apartment Blocks post conversion.



Artist's Visulation of the Mews Houses post conversion.

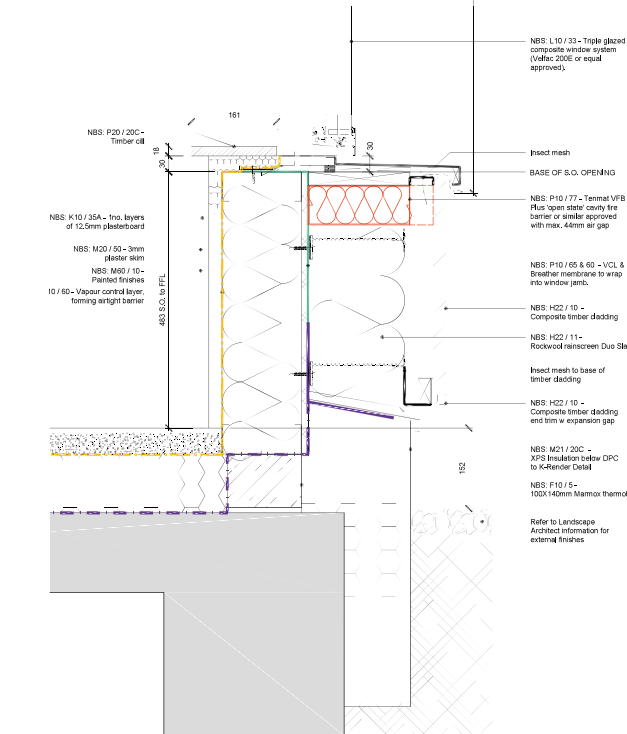
Block A (Apartments)

Block B (Mews Houses)



1 Block A Window 1:5
Typical Head Section (composite cladding above)

2 Block A Window 1:5
Typical Cill Section (composite cladding below)

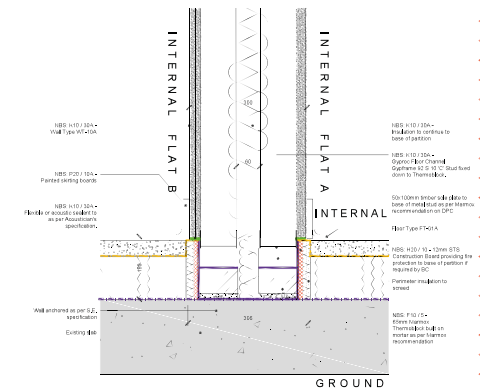


1 Block A Window 1:5
Typical Head Section (composite cladding above)

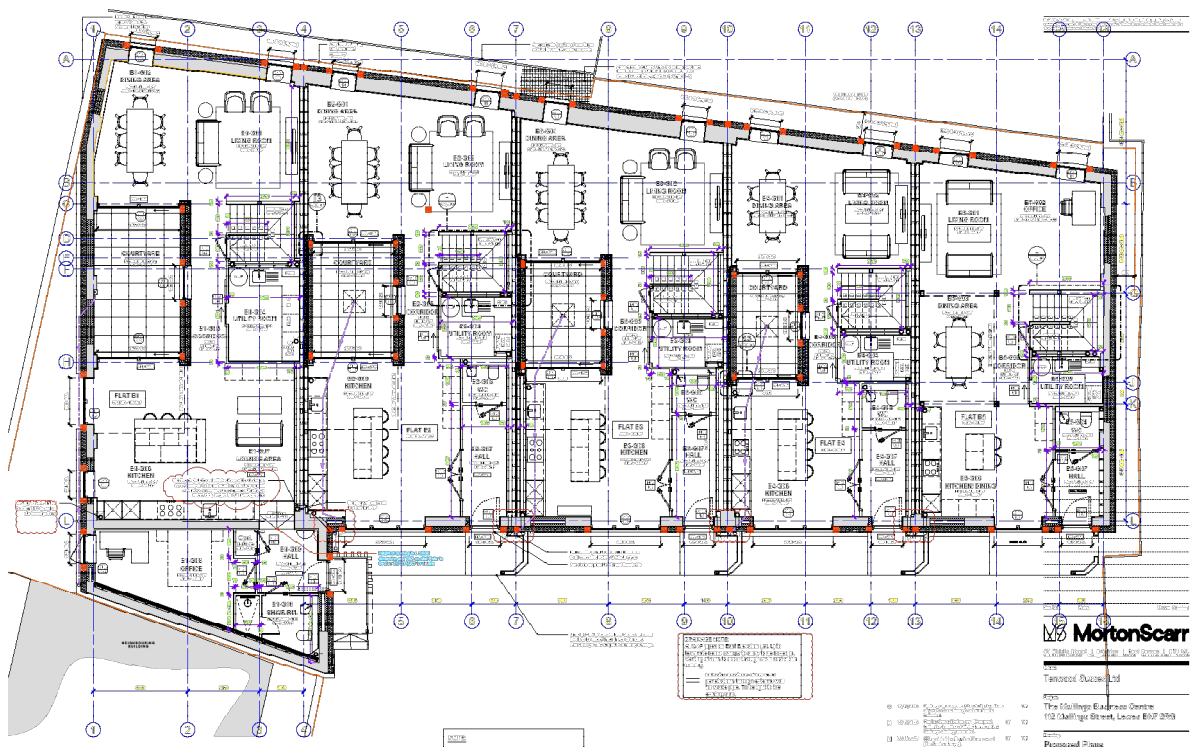
2 Block A Window 1:5
Typical Cill Section (composite cladding below)



The Site



2 Proposed Wall Type WT-10A Base Detail 1:5
Detail required to provide 60 min fire resistance and 45 dB Rw acoustic separation based on British Gyproc twin frame audio detail.



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Housing Development, Tulse Hill

Stages: 2-3

Value: £1 million

Status: Detailed Design

Role: Design Architect

A developer had bought a site and tried to get a planning application approved for a housing development on the site. After repeated failure with the previous Architect, he came to us. We managed to get the scheme approved by responding to the Planner's concerns to do with aesthetics, height, massing, and access.

Key Tasks:

- Preparing an outline report setting out solutions to the planning refusal comments.
- Preparing concept proposals for the Client.
- Developing the design to meet the housing standards and local planning policy.
- Preparing the design and access statement and planning drawings

Key Learnings:

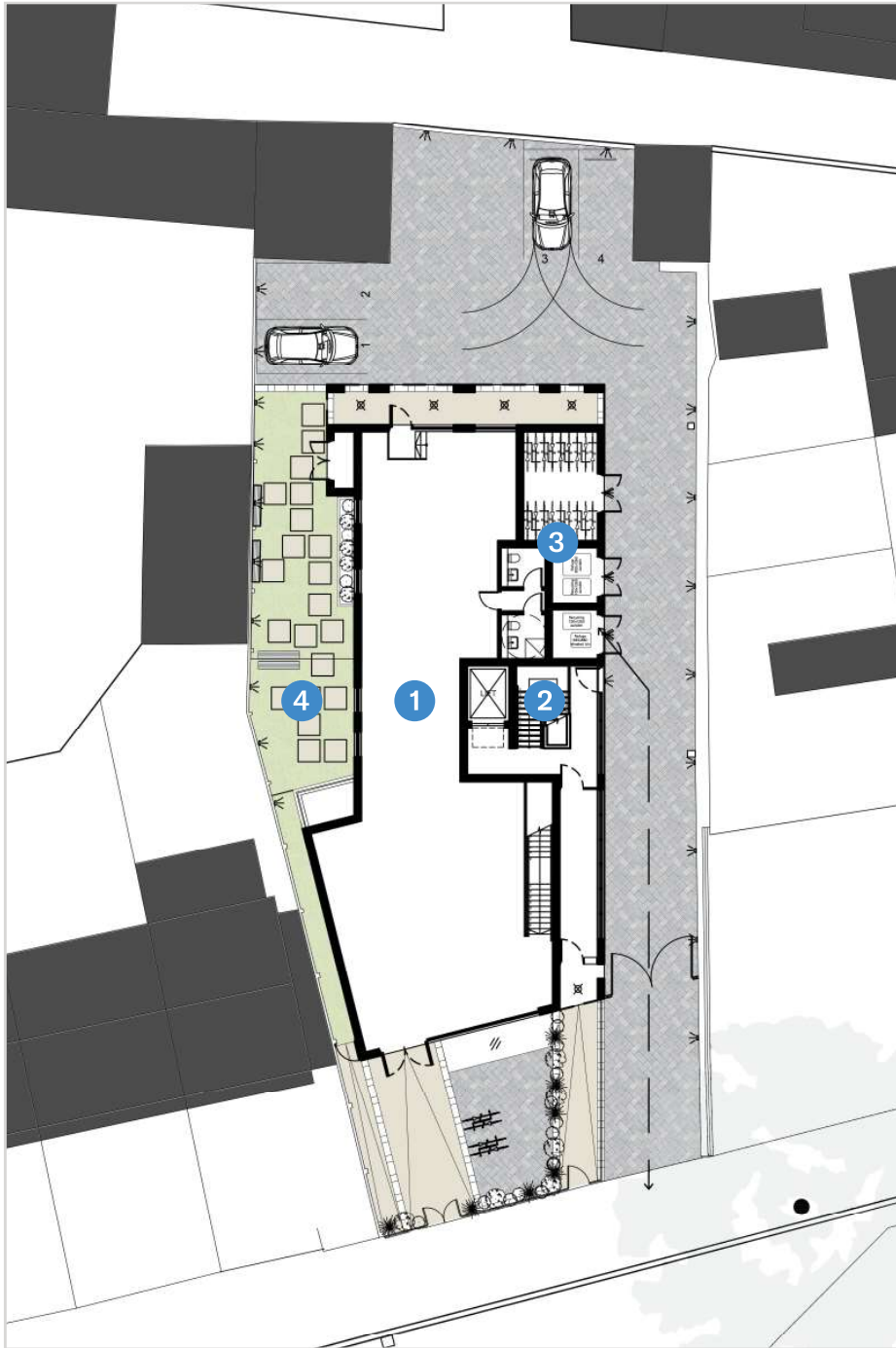
- Breaking down the Planner's concerns to find practical solutions around them.
- Fitting the building into a tight site with overlooking and access issues.
- Meeting the developer and local policy and standard requirements.



Front Elevation



Side Elevation



Ground Floor: (1) Retail Unit, (2) Circulation Core, (3) Services, (4) Communal Garden



First Floor Plan: (1) Residential Unit, (2) Circulation Core

Housing Development, Peckham

Stages: 4-5

Value: £1 million

Status: On Site

Role: Project Architect

The Client was a housing developer and had bought the land with planning permission for a four-storey building with nine flats. We dealt with the planning conditions and prepared the construction information for the scheme.

Key Tasks:

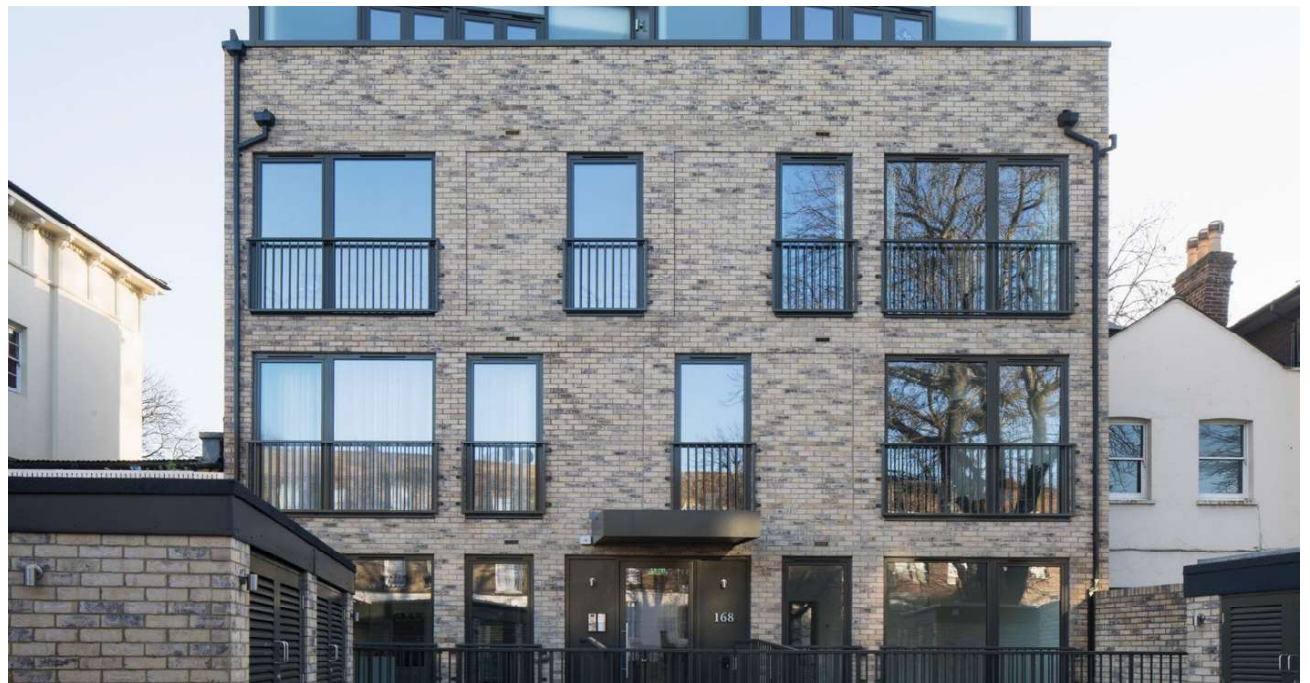
- Discharging the planning conditions, including changing the material from expensive polished concrete to brick.
- Redesigning the building for construction and to meet fire and accessibility regulations.
- Preparing a full set of construction information for the contractor to build from.
- Assisting the contractor through the building including preparing additional drawings, liaising with building control, and checking manufacturer's information.

Key Learnings:

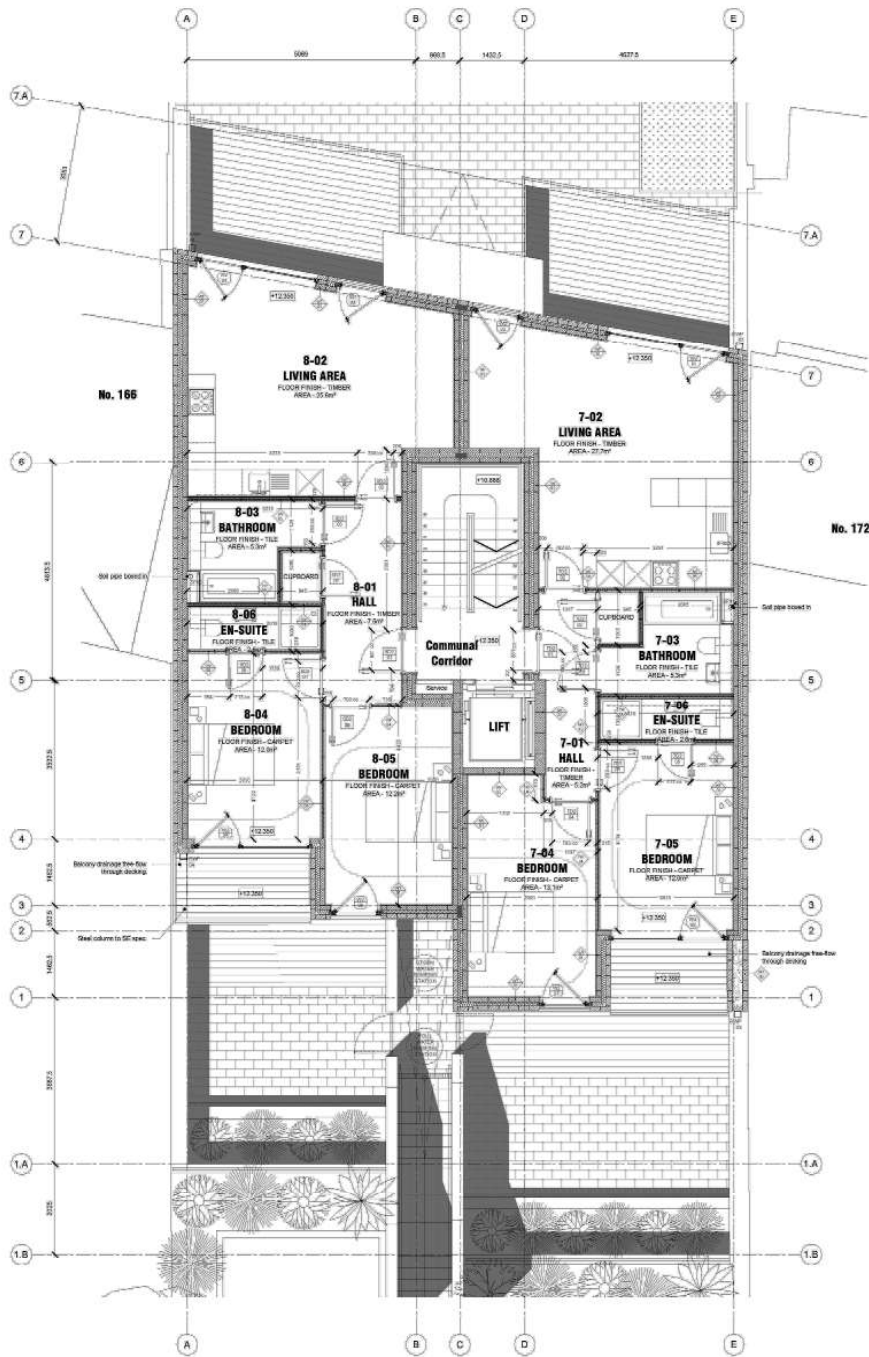
- Working directly with the contractor to resolve construction issues.
- Working with the building control officer to work through building regulation issues such as fire and accessibility, in particular fire lobbies and access for wheelchairs.



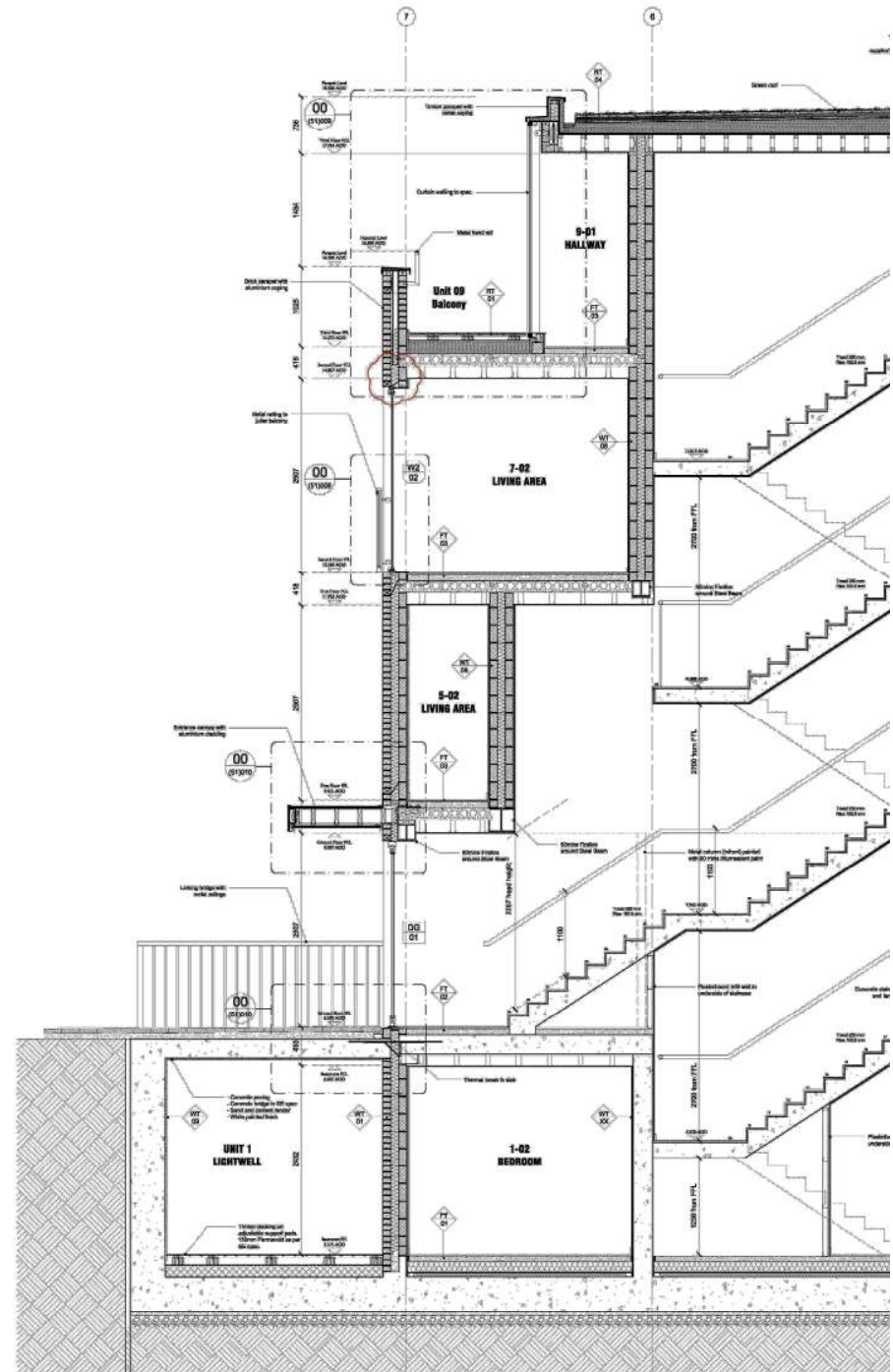
Front Facade Nightview



Front Facade Dayview

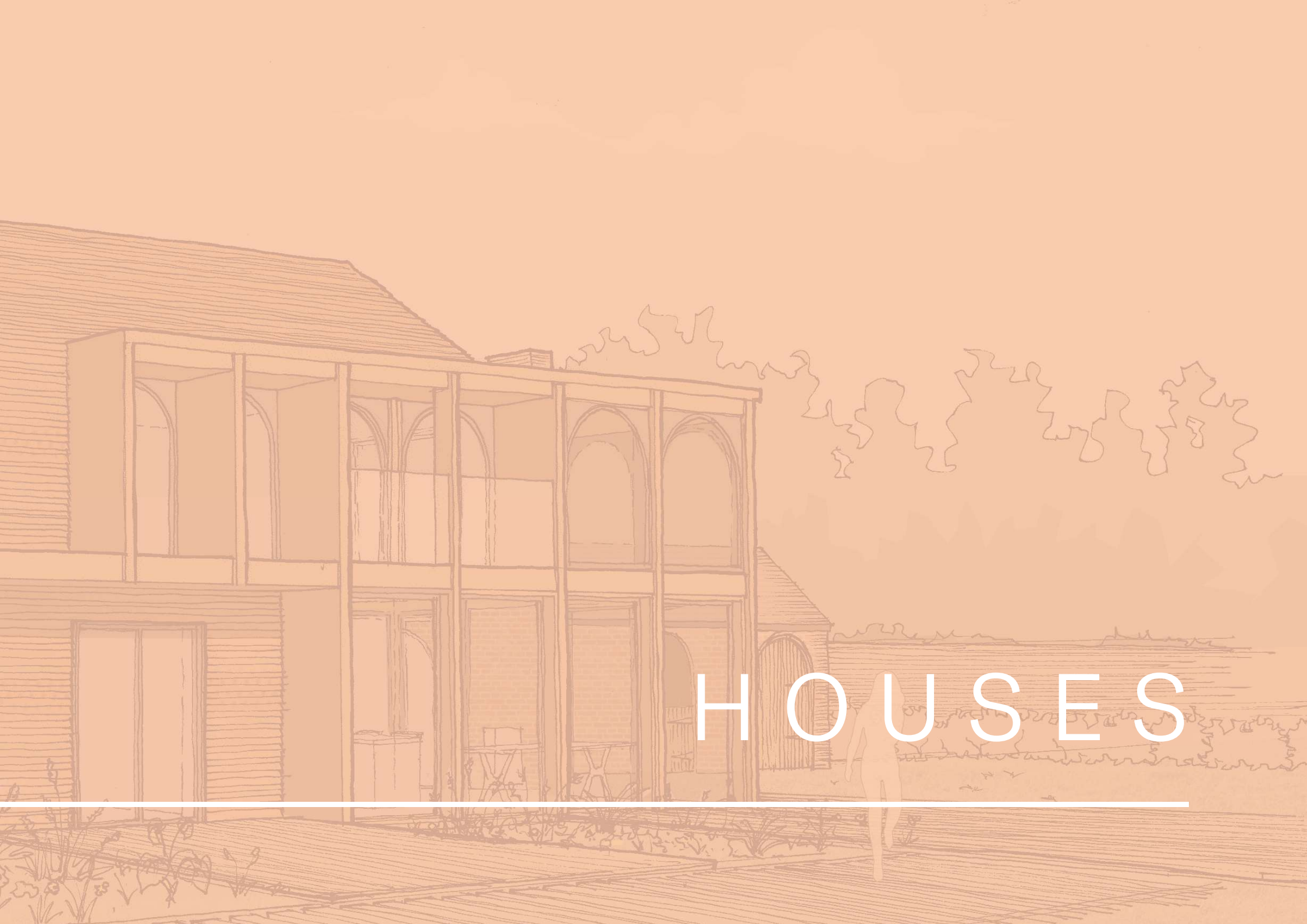


Construction Ground Floor Plan



Construction Section through entrance and staircase





HOUSES

Hambleton House, Waverley Planning Submission 2

Stages: 2-3

Value: £350,000

Status: Planning

Role: Project Architect

The design of a new home on a sensitive site within a Conservation Area. The Planner's required that large portions of the original home be retained. However we were allowed to increase the house by 10% and add an extension 40% of the original area.

Key Tasks:

- Continuing negotiation and consultation with the planning department to develop a design they were likely to approve.
- Incorporating an existing structure, with its own challenges and design features, into a new building so that the whole design read as a whole.
- Drawing up design options, developing the design, and preparing information for the planning submission.

Key Learnings:

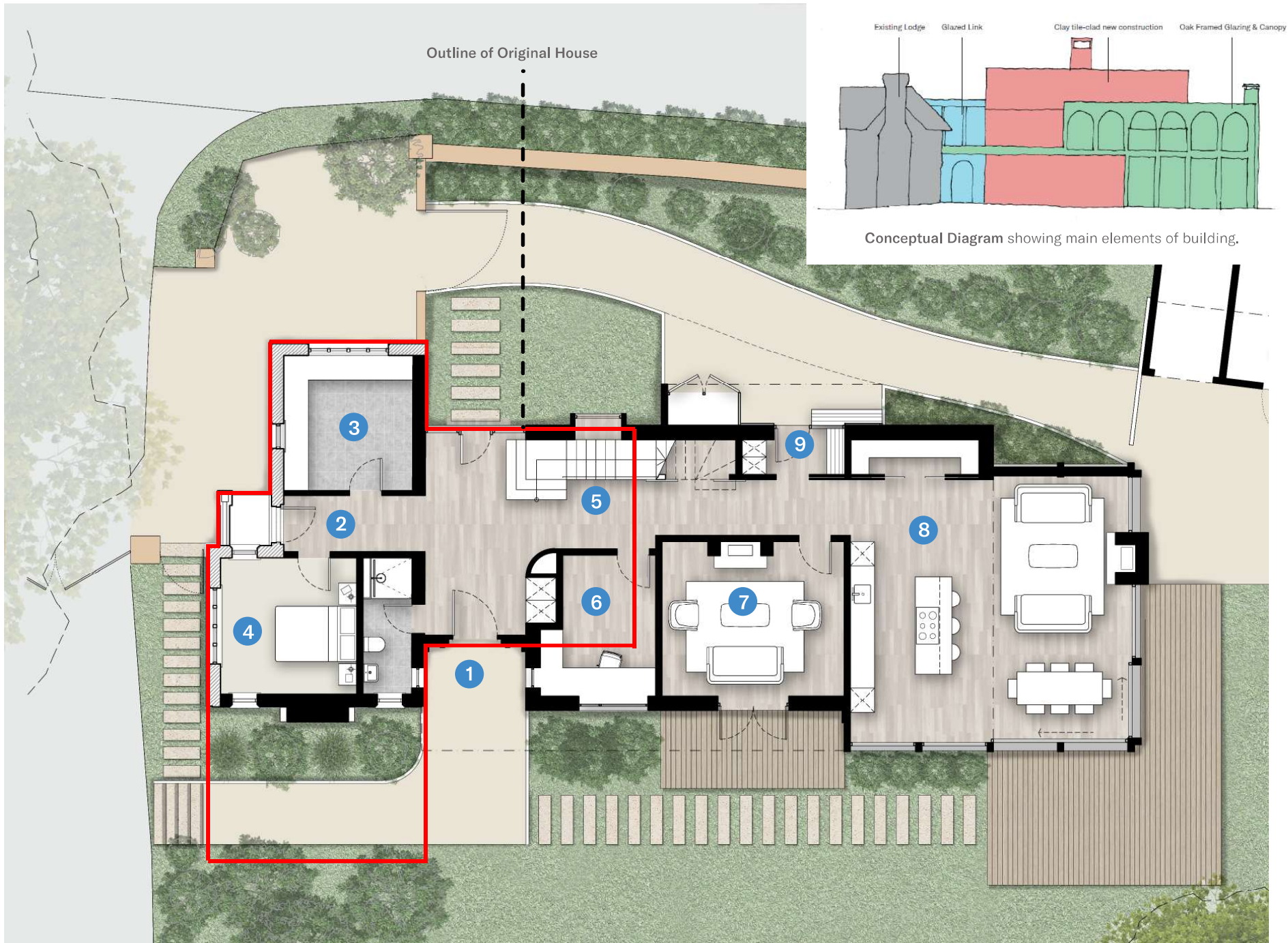
- Managing the Client's expectations and frustrations with the planning system and the need to develop a new design.
- Working closely with the planning department to ensure that the proposal was likely to achieve planning approval. The project is currently being appealed by the Client.



Front elevation - I traced the drawing over a Sketchup perspective view and coloured in Photoshop.



Rear elevation - View from the main road. Drawing prepared as above.



Ground Floor Plan: (1) Main Entrance, (2) Rear Entrance, (3) Utility, (4) Guest Suite, (5) Sweeping staircase to first floor, (6) Study, (7) Sitting Room, (8) Double-height open plan living area, (9) Utility Entrance

Granary Conversion, Devon

Stages: 2-3

Value: £500,000

Status: Planning

Role: Design Architect

Feasibility study for the conversion of a derelict granary building into a family home. The Client wanted a design which respected the existing structure whilst incorporating contemporary elements. The site was a large one and works were already underway to improve access to the site. The existing building was in a bad state of repair and at one point in the project the feasibility of retaining it was questioned, with an alternative option to demolish it and start from scratch.

Key Tasks:

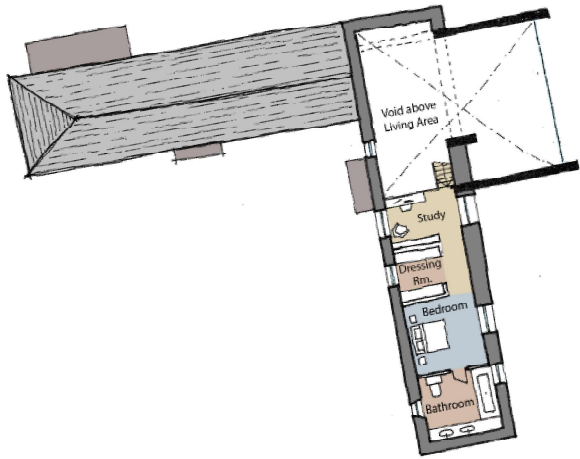
- Working through a design charette with other architects to come up with conceptual designs for the scheme.
- Developing the conceptual schemes further for presentation to the Client.
- Preparing the feasibility report including planning history, site analysis, and the various conceptual proposals.

Key Learnings:

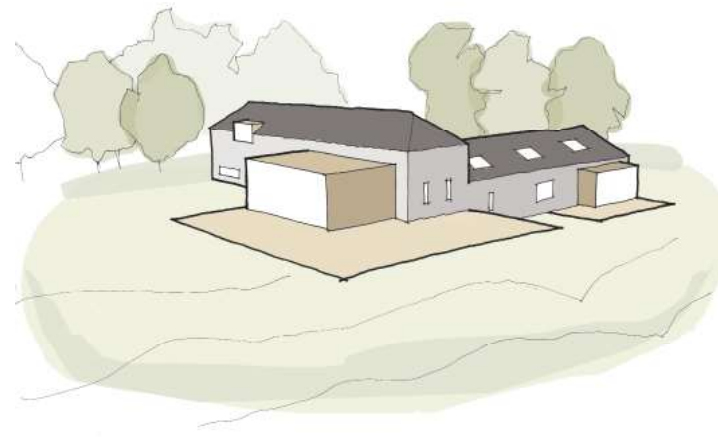
- Ensuring clear legibility of the information for Client's who were unfamiliar with the building process.
- Carrying out appropriate research on the site to ensure the proposals were realistic and relevant.



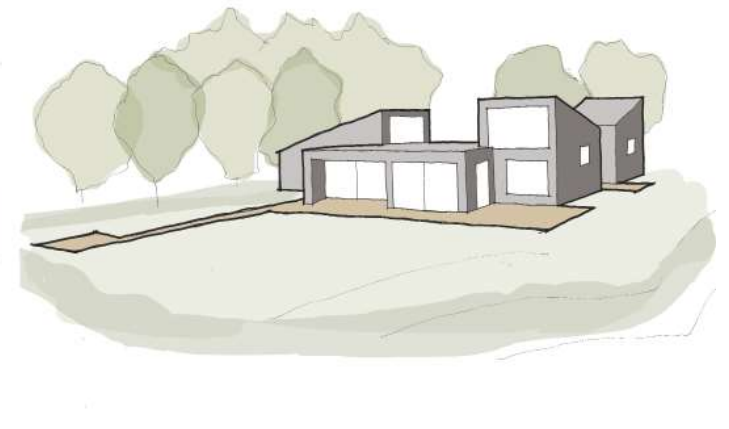
Proposed Ground Floor Plan



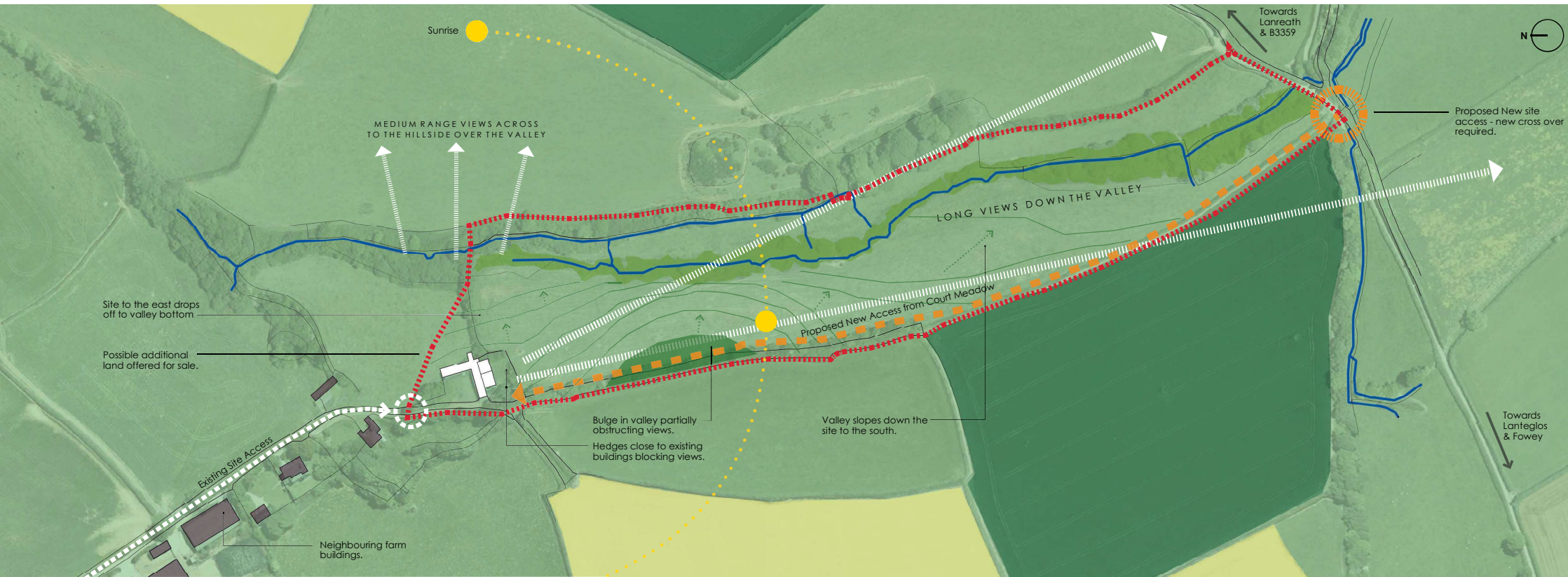
Proposed First Floor Plan



Conceptual sketch to reuse existing barn with modern interventions



Conceptual sketch proposal for contemporary replacement dwelling



Two Houses, Exeter

Stages: 2-3

Value: £500,000

Status: Planning

Role: Project Architect

The Client owns a hotel with an existing garage to the back, which they wanted to demolish and replace with two semi-detached houses with a small garden to the rear. This was part of an ongoing development of the site, with another Phase to involve extensive works to the hotel to refurbish it and bring it up to modern standards.

Key Tasks:

- Further developing the initial concept designs taking on board the Client's comments.
- Preparing a Stage 2 report outlining design options and the context of the site.
- Preparing the pre-application information and working with the planning officer and heritage officer to achieve a scheme that would be acceptable.

Key Learnings:

- Designing to a tight site jammed in between an existing access road and a listed building with garden.
- Developing a design that was sensitive to the historic context of the site whilst also containing touches of contemporary design.





Site Location Plan



Proposed Ground Floor Plan



Proposed First Floor Plan



A modern office lounge area with colorful armchairs and a glass wall. The scene is overlaid with a semi-transparent blue filter. The word "COMMERCIAL" is written in white, uppercase letters across the center of the image.

COMMERCIAL

Collaborative Working, London

Stages: 3-5

Value: £3.5 million

Status: Completed

Role: Design Architect

The Client wanted to refurbish the existing office floor to provide a more collaborative work space as well as providing additional meeting rooms, break-out spaces and presentation areas.

Key Tasks:

- Developing conceptual layouts, including a 'Scrum' session with employees, and preparing these for presentation to the Client.
- Preparing the tender and construction documentation including coordinating a team of architects to successfully complete the packages.
- Supporting the Director as Client and Site meetings including preparing and presenting presentation material and responding to design and site queries.

Key Learnings:

- The challenges of working with a large corporate Client with multiple interested parties, ensuring all their needs were met.
- Working at pace to achieve project deadlines and requirements.
- Working with the Acoustician and M&E Consultants to ensure the complicated ceiling design was coordinated and met their requirements.



Lobby area with full width screen display, feature ceiling acoustic baffles and switchable privacy glazing to meeting area beyond.

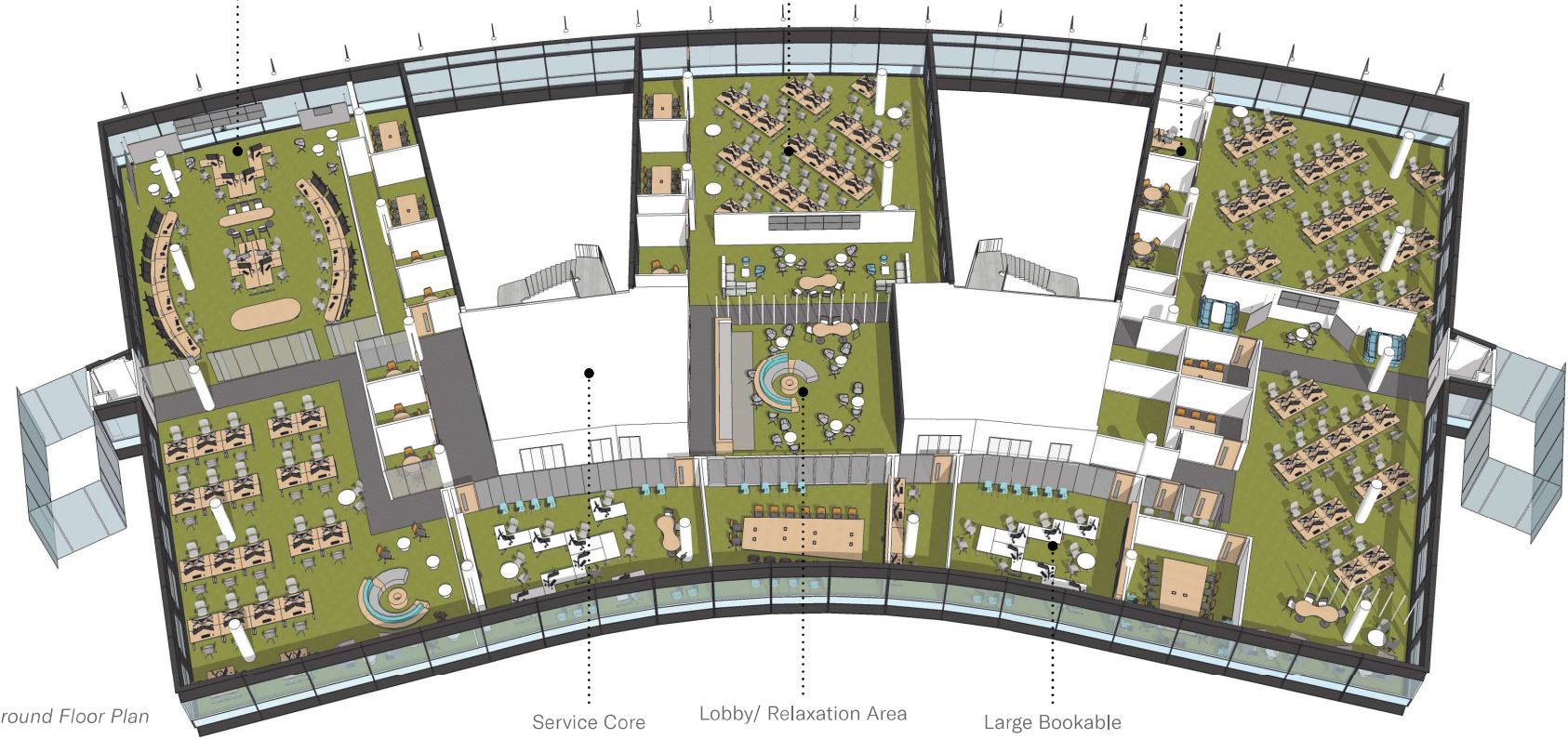


Break-off meeting room with 'living wall'

'Live' response unit linked to remote locations

Focused desk based working

Break out rooms for collaboration and small meetings

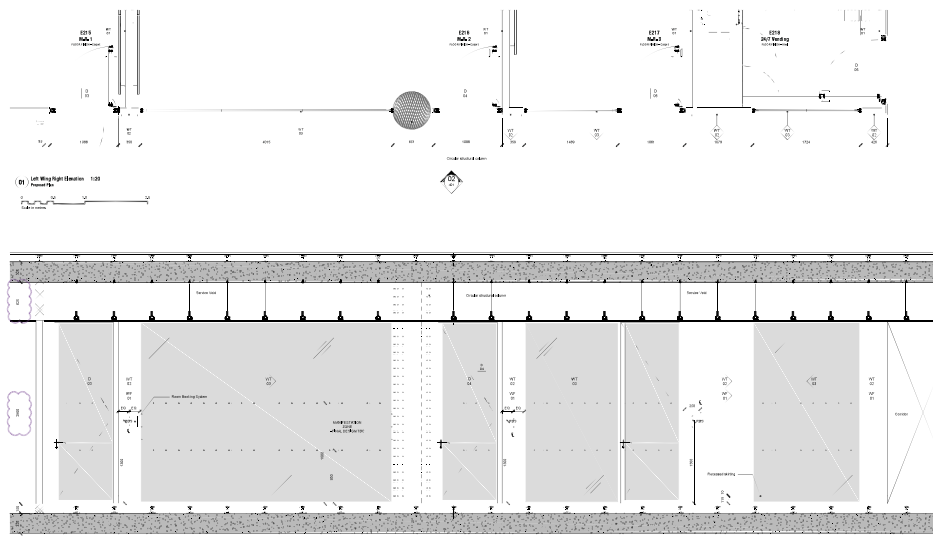


Conceptual Ground Floor Plan

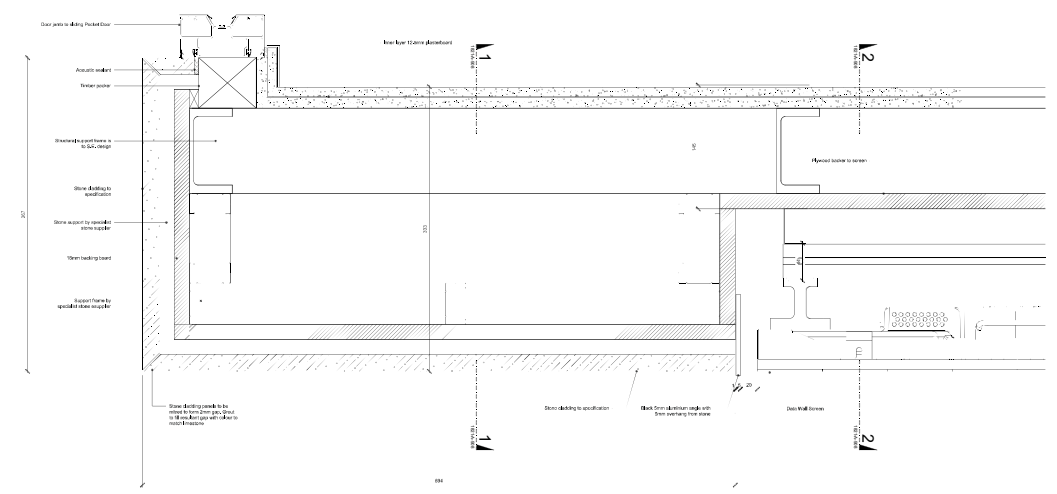
Service Core

Lobby/Relaxation Area

Large Bookable Meeting Rooms



Glazing Elevation Drawing



Stone Feature Panelling Detail

Knowledge Sharing Centre, Abu Dhabi

Stages: 3-5

Value: £5 million

Status: Completed

Role: Design Architect

The creation of a knowledge sharing centre for a prominent oil company involving the strip-out of an existing floor within their headquarters office tower and refurbishing with new meeting rooms, work pods, and reception area,

Key Tasks:

- Preparing presentation material for Client meetings, including floor layouts and interior designs.
- Preparing the tender and construction documentation including coordinating a team of three architects to successfully complete the packages.
- Providing remote support to the Directors on site including preparing additional architectural information, checking manufacturer's drawings, and coordinating with other consultant's and suppliers.

Key Learnings:

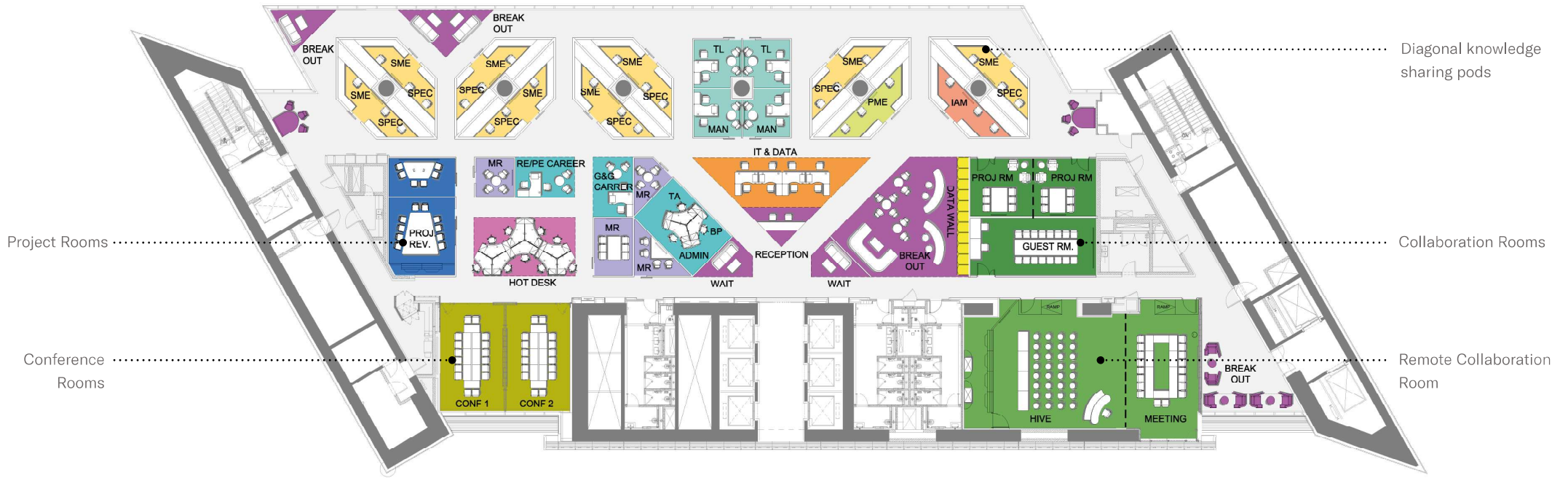
- Managing communication and legibility to ensure the success of the remote working relationship
- Working to tight time constraints and differing time zones to ensure successful delivery of the project.
- The importance of office standards (furniture sizes, circulation widths, headcounts etc.) to achieve a successful design.



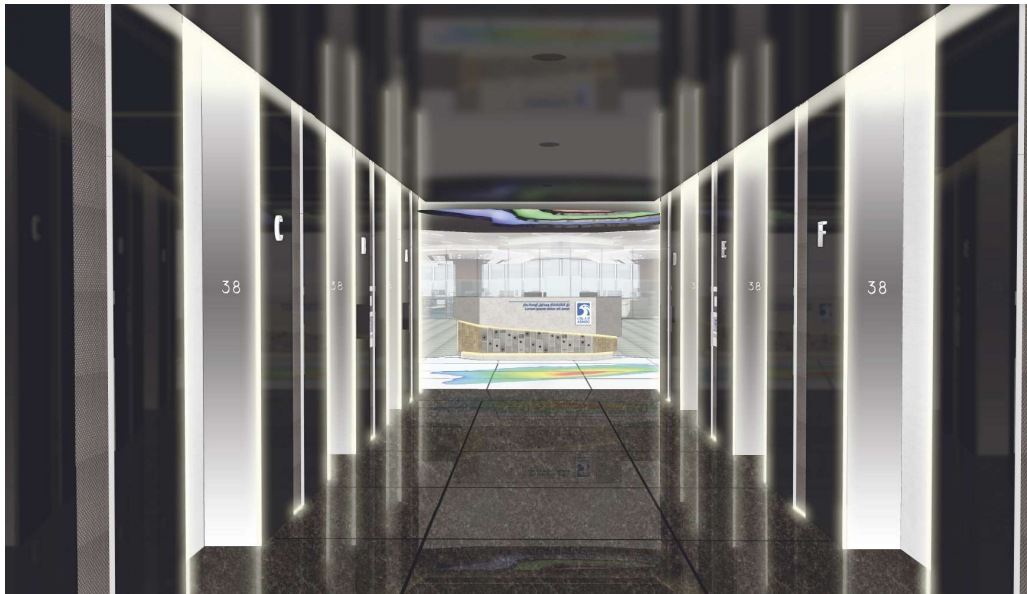
Reception with (1) Black reflective ceiling, (2) Information Pillars, (3) angled reception desk and (4) Backlit floor with heat map



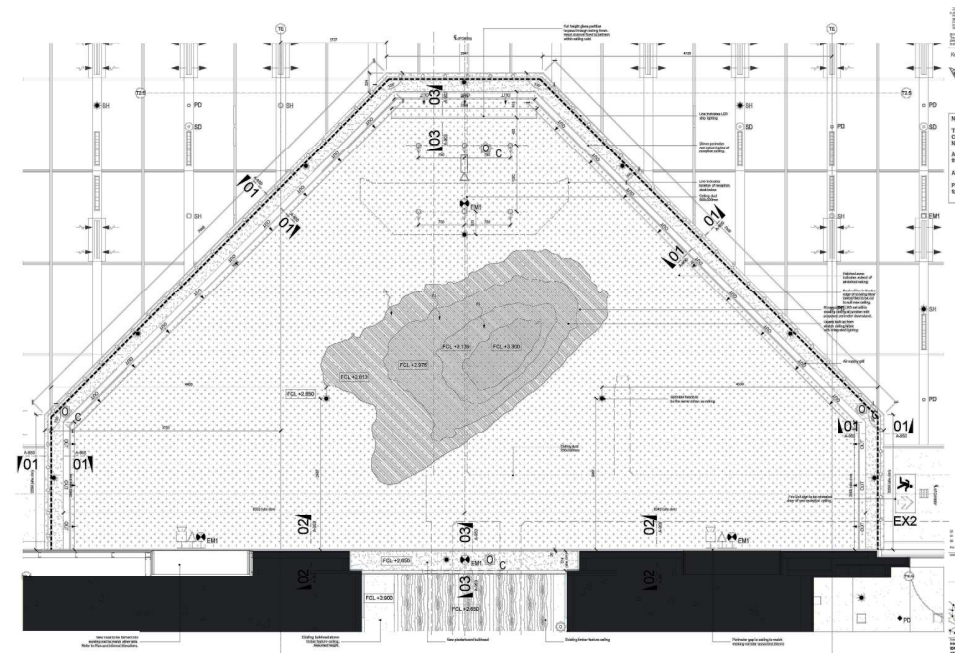
Knowledge sharing workpod with angled ceiling panels and glazed screens.



Conceptual floor plan showing colour coded key areas.



Concept proposal for lift lobby contrasting with brightly lit reception area



Construction drawing of ceiling to Reception Area

Collaborative Office Floor, Santiago

Stages: 2-3

Value: £2.5 million

Status: Design Development only

Role: Project Architect

The Client wanted to encourage greater collaborative working between employees both on site and in their various remote assets. They asked us to come up with a design to reconfigure a whole office floor at their Headquarters building in Santiago.

Key Tasks:

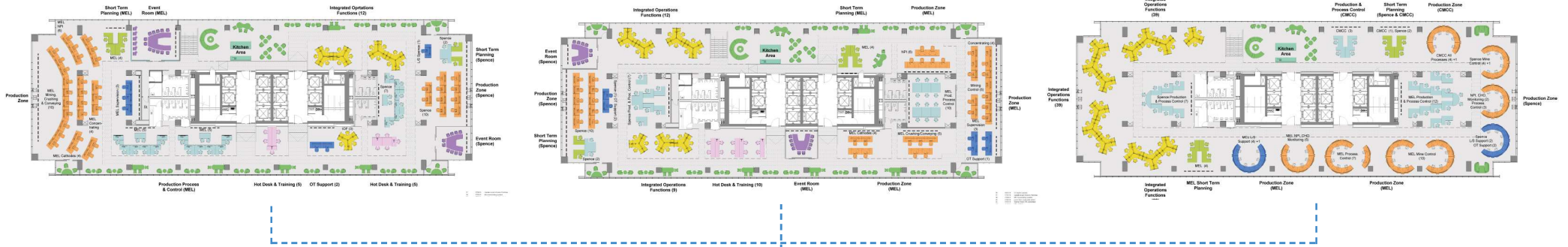
- Developing various iterations of the floor layouts to meet the brief through a series of design sprints carried over a 3-4 day period.
- Working remotely with the Director who was on site in Chile through online calls and feedback sessions.
- Providing ongoing support to the Director to assist them in their presentations and workshop sessions.
- Creating 3D visualisations of the scheme to allow the Client to understand the spaces being created.

Key Learnings:

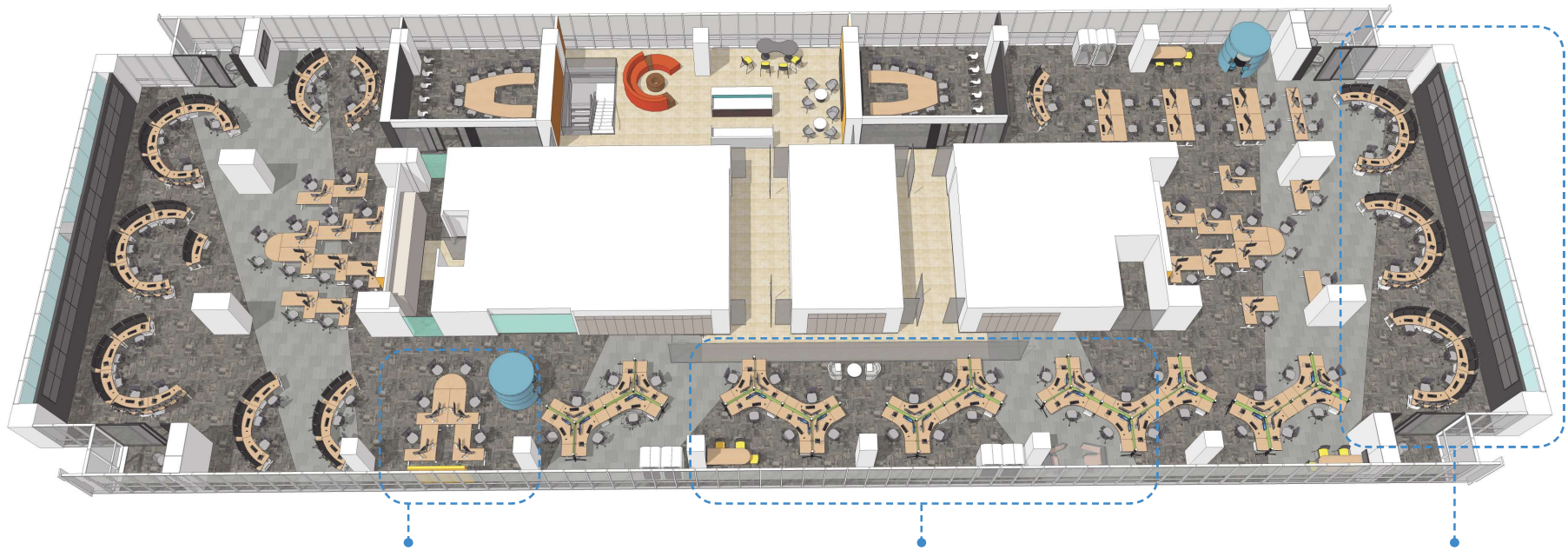
- The importance of preparing immediate updates to information to allow quick progression of the design workshop process.
- The challenges of working remotely and in a different time zone to ensure smooth progression of the project.



Design iterations fine tuned to final design over a series of In-Country Workshops



Final Plan after workshop process



Presentation/ Teaching area



Open plan work desks



24 Hour Remote Monitoring Centre

OUR
CATHOLIC



Welcome

OTHER

Primary School, London

Stages: 2-5

Value: £9.5 million

Status: Completed

Role: Designer

The design for a primary school radiates out from a central courtyard with brightly coloured fins. The building is constructed from CLT clad in brick. I was involved with this project from concept design through to construction completion.

Key Tasks:

- Extensive consultation with staff, pupils and parents
- Development of concept designs
- Attending multi-headed client meetings
- Preparation of planning application
- Preparation of extensive tender package (including detailing of CLT)
- Consultant meetings and coordination
- Site meetings and checking sub contractors information

Key Learnings:

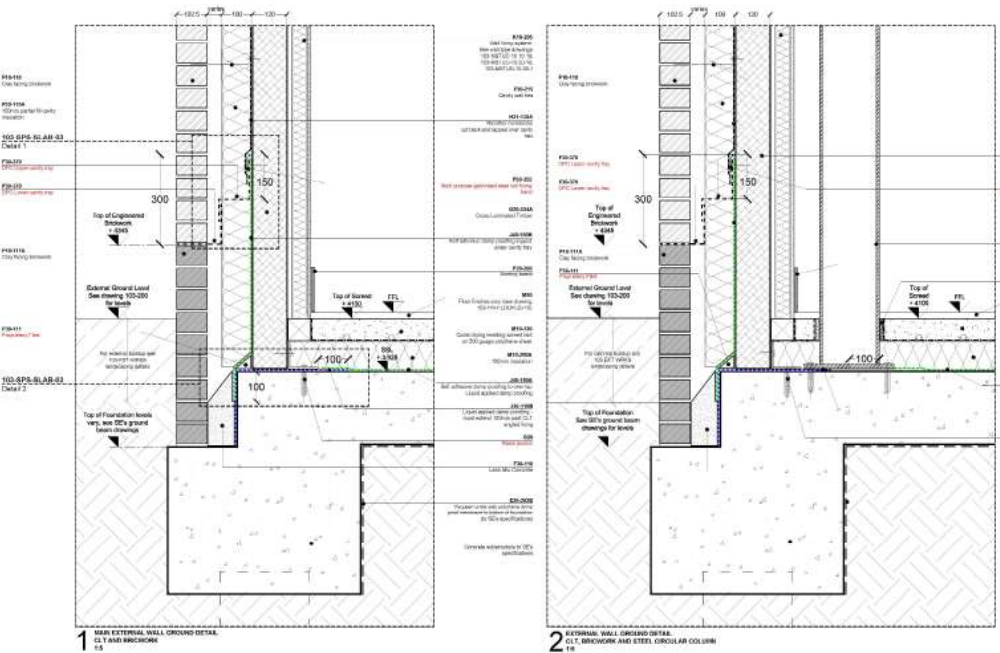
- Designing to various needs and requirements from the Client, stakeholders, BREEAM and government school design guides.
- Designing with a new construction material, CLT, and consulting closely with the manufacturer to ensure correct detailing.
- Working on a Design & Build contractor where we were novated to the Contractor, and the different relationship this entails.



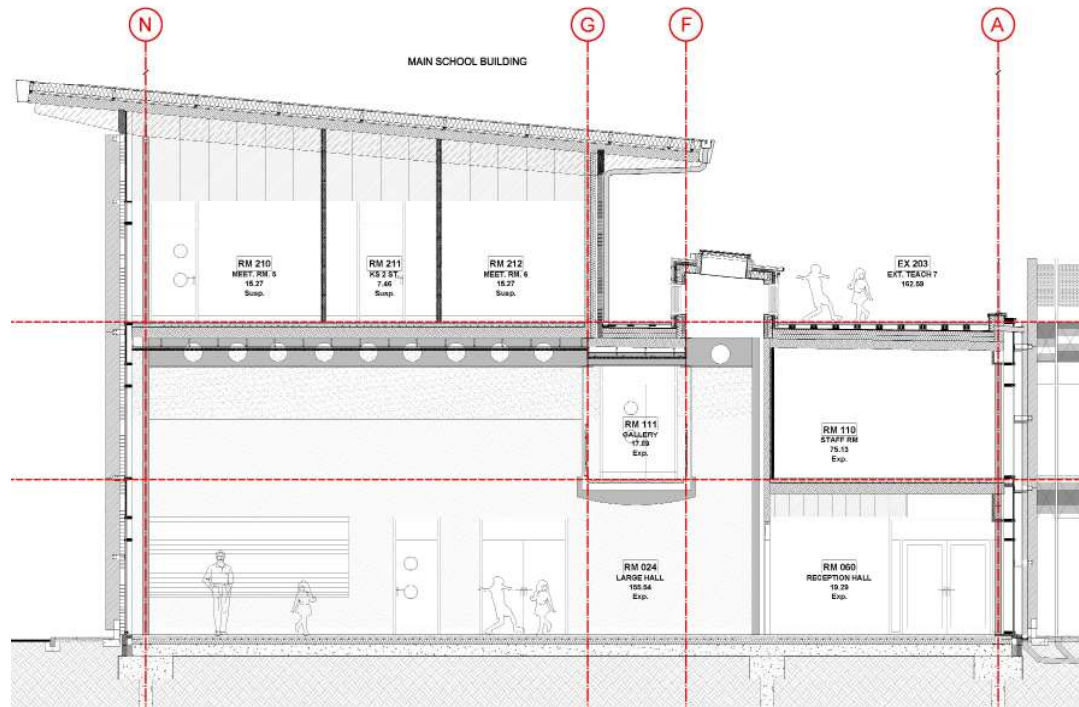
The completed school with coloured fins and central courtyard.



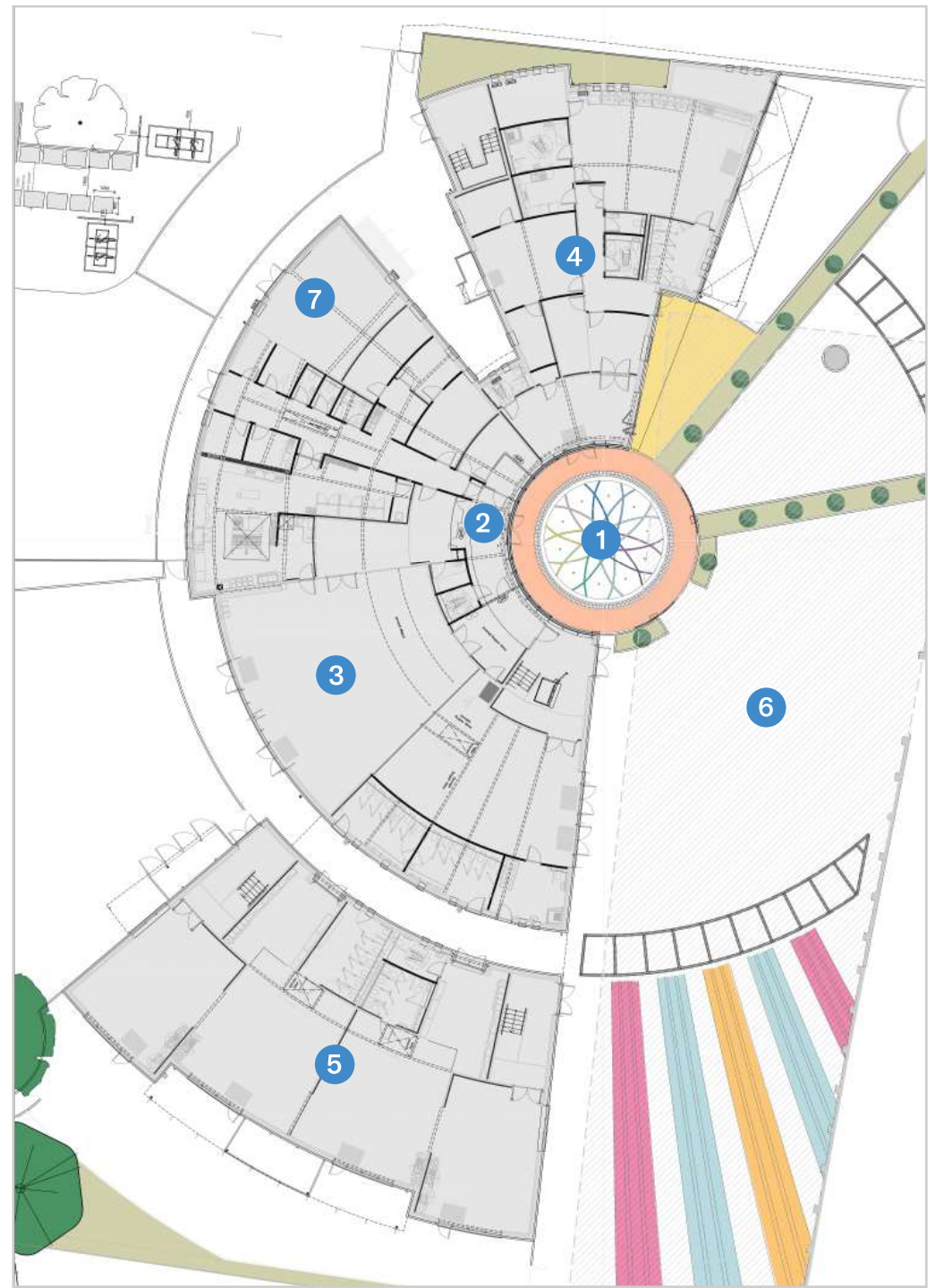
The Reception area with curved timber reception desk.



Typical construction details showing CLT with brick cladding.



Construction section showing School Hall with angled roof and roof terrace.



Proposed Ground Floor Plan: (1) Central Courtyard, (2) Reception, (3) School Hall, (4) Family Centre, (5) Nursery, (6) Playground, (7) School Admin & Services

Office Tower, Kuala Lumpur

Stages: 3-4

Value: £130 million

Status: On Site

Role: Assistant to Project Manager

A 40-storey office tower incorporating eco-architect Ken Yeang's innovative green principles including a naturally ventilated core, sky gardens and passive solar shading.

Key Tasks:

- Attending client meetings and presenting design changes
- Preparing design proposal to assist the Client in finding a tenant for the building including to attract a hotel developer, the government drugs agency, and a large corporation as their headquarters.
- Extensive coordination and consultation on the basement portion of the building to include the required services and structure.
- Assisting the Project Manger in their duties, including managing the project team when they were unavailable.
- Upon request from the Design Team, redesigned the complicated project folder structure to make it easier and more efficient to use.

Key Learnings:

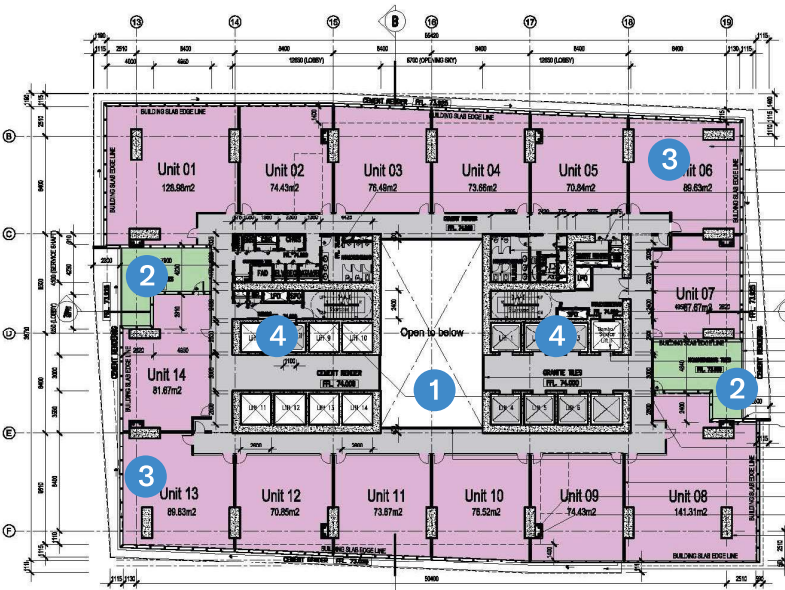
- The commercial pressures on a building of this size ensuring suitable marketable areas.
- Working within a larger master plan and ensuring coordination between other buildings and the wider site.



Proposed Ground Floor Plan



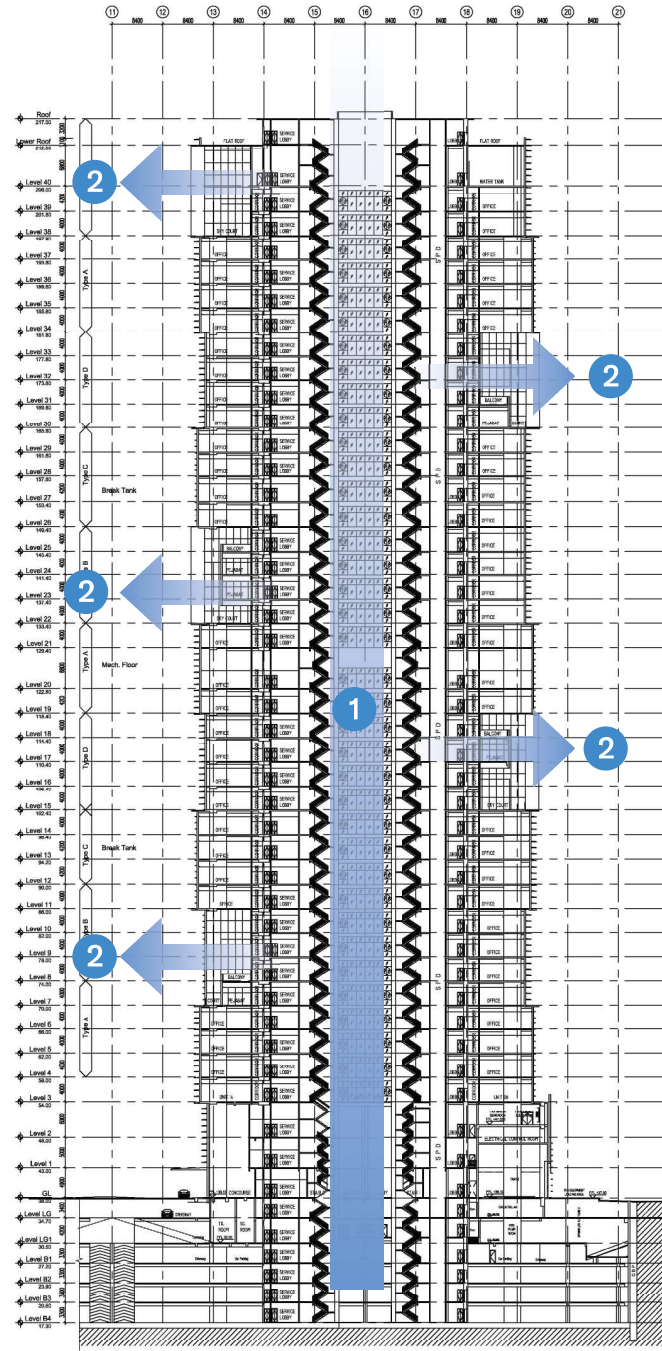
TYPE A
LEVEL 6 FLOOR PLAN
SCALE 1:200



TYPE B
LEVEL 7 FLOOR PLAN
SCALE 1:200

- DECORATIVE BRICK WORK FINISH TO DETAIL.
- EXPOSED BRICKWORK WITH ALUMINUM PANEL FINISH AT CORNICE EXTERIOR.
- S.C. COLUMN TO ENDS DETAIL.
- TRANSOM ALUMINUM STRUCTURAL MULLION.
- ALUMINUM STRUCTURAL MULLION.
- CEILING HEIGHT GLAZED MONOCOLOR WALL TILES.
- STONE TILE BRICKWORK WITH 20mm THK. CURBET FLASTER & PAINT ON OUTSIDES.
- WALLS IN COMMON AREAS TO BE FINISHED WITH A COATED CONCRETE WITH WATERPROOF MEMBRANE SYSTEM TO ALL WET AREA.
- FLOOR SLAB OPENING TO TALLY WASTE PIPES REQUIRED A 150x150mm CONCRETE SLAB AND CONCRETE TO DETAIL.
- SANITARY SHAFT TO BE ENDS DETAIL.
- WELL OPENING TO BE PRESSURES TO BE ENDS DETAIL TO ALL STRUCTURE & CORE AREA.
- LIFT SHAFT TO ENDS DETAIL.
- FRAMING FINISH TO BE AS PER DESIGN WALL.
- LIFT SHAFT TO WALL ENDS DETAIL.
- 20mm THK UPVC CLASS 2 BALCONY WASTE PIPE TO BE BROCK WORK ENCLOSING UP.
- 20mm THK UPVC CLASS 2 BALCONY WASTE DOWN PIPE TO BE BROCK WORK ENCLOSING UP.
- DOTTED LINE INDICATED FLOOR SLAB EDGE LINE.
- S.C. STAIRCASE TO ENDS DETAIL WITH 10mm HIGH RAIL BALUSTRADE FUNCTIONAL SCOTLAND.
- ROOF: 100 MM OF TRAPPS AND 100mm IN MONOCOLOR FLOOR FINISH WITH WALL TILES & COATS CONCRETE WITH WATERPROOF MEMBRANE TO ALL BALCONY AREA.
- LAMINATION TYPED CLAREN SLAB TO MANUFACTURE DETAIL.
- ALUMINUM BALUNSTRAD LOANED TO MANUFACTURE DETAIL.

- S.C. FLOOR SLAB TO ENDS DETAIL WITH CEMENT RENDERING FLOOR FINISH.
- 20mm THK UPVC SCUPPER DOWN TO ENDS DETAIL.
- MONOCOLOR FLOOR FINISH WITH WALL TILES & COATS CONCRETE WITH WATERPROOF MEMBRANE TO ALL BALCONY AREA.
- METAL FRAMED TINTED GLASS FIRE RATED SOLID DOOR TO SCHEDULE TO ALL ELECTRICAL AREA.
- DOUBLE DOOR TO SCHEDULE.
- FRAMING TYPED GLASS CURTAIN WALL.
- CURTAIN WALL & DOOR TO MANUFACTURE DETAIL.
- METAL FRAMED TINTED GLASS FIRE RATED SOLID DOOR TO SCHEDULE.
- ALL THE OPENING TO BE MONOCOLOR FLOOR TILES FINISH WITH 10mm HIGH MONOCOLOR BUSTING TILES ALL LANDING.
- LIFT INTERNAL DOOR TO MANUFACTURE DETAIL.
- EXPOSED BRICKWORK GLASS FRILING.
- LIFT EXTERNAL DOOR TO MANUFACTURE DETAIL.
- ALUM. FINISH GLASS PANEL TO SCHEDULE.
- ALL THE STRUCTURE LANDING TO BE CEMENT RENDERING FLOOR FINISH.
- 10mm THK UPVC CLASS 2 FLOOR TRAP WASTE PIPE.
- ALL THE DOWN PIPE TO BE ENCLOSING UP WITH BROCK WORK & CORNICE FINISHING FINISH.
- ALUM. FINISH GLASS DOOR TO SCHEDULE.
- ALUM. FINISH FINISH TO BE AS PER DESIGN WITH COMPARTMENT GLASS WINDOW BOTH SIDES TO SCHEDULE.
- DOTTED LINE INDICATED FLOOR SLAB BELOW.
- 20mm THK UPVC CLASS 2 BALCONY WASTE PIPE TO BE BROCK WORK ENCLOSING UP.
- 20mm THK UPVC CLASS 2 BALCONY WASTE DOWN PIPE TO BE BROCK WORK ENCLOSING UP.
- S.C. COLUMN TO ENDS DETAIL.
- CONCRETE FLOOR SLAB TO ENDS DETAIL WITH CEMENT RENDERING FLOOR FINISH.



Section through tower showing naturally ventilated central core.



Artist's rendition at sunset

Typical Floor Plans: (1) Naturally ventilated core, (2) Sky Gardens assist in natural ventilation, (3) Lettable Offices, (4) Services and Core