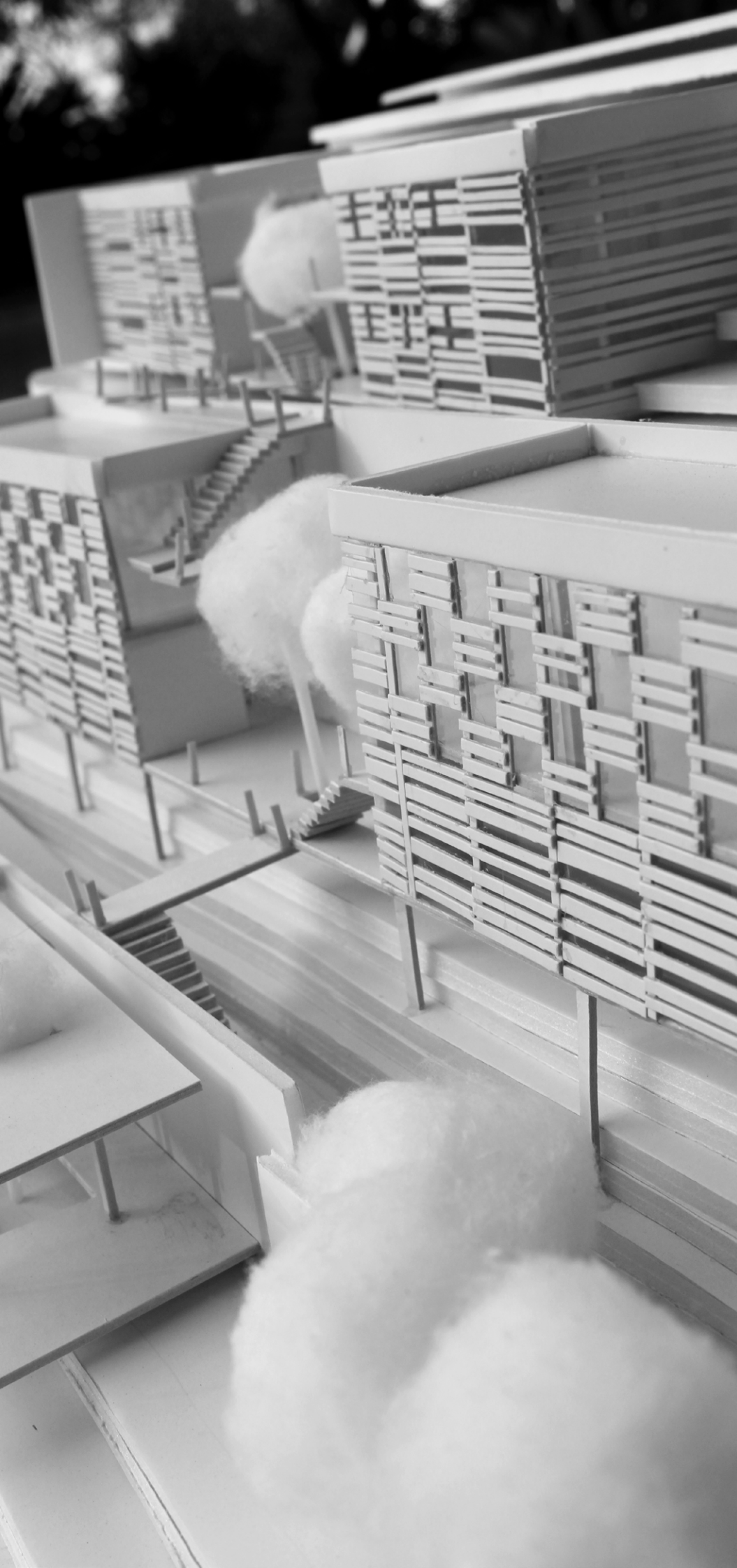


ARCHI TECTURE PORTFOLIO

KIER BOTHWELL
ARCHITECTURAL DESIGNER

“Architecture isn't just for special occasions.
Expectations need to change.
Places for daily activities should be highly valued.
People can have more than they think.
We expect great qualities in buildings like
museums;
Shouldn't we also expect them in places for
everyday living?
An individual's self-image is based on the quality
of his or her daily life.”

Julie Eizenberg, Architect (2006)



KIER CALLUM BOTHWELL

kierbothwell@hotmail.com // +27 (0)64 851 7668

Nationality: South African // Irish

Current City: Johanneburg, South Africa

Date of Birth: 02.10.1989

Gender: Male

Languages: English // Afrikaans

PROFESSIONAL EXPERIENCE

SAOTA - Stefan Antoni Olmesdahl Truen Architects Cape Town
2017-2018 // Architectural Designer
design development from initial concept / feasibility to detailed technical documentation & delivery (stages 1 - 5) primarily by means of revit, project & design management, team leader

Chapman Taylor London
2014-2017 // Part 2 Architectural Assistant (Candidate Architect)
design development from initial concept / feasibility to detailed technical documentation & delivery (stages 1 - 5) primarily by means of revit, design management, project co-ordination between contractors & subcontractors both on and off of site, CPD facilitator, team BIM leader, office practice development

Hood Napier Architects Johannesburg
2014 // Candidate Architect
2011-2012 // Intern
design development from initial concept / feasibility to detailed technical documentation & delivery (stages 1 - 6) primarily by means of autocad, 3d modelling & rendering in revit, client presentations, on site project management, snagging

SKILLSET

Computer
Autodesk Revit / AutoCAD / Adobe Photoshop / Adobe Indesign / Microsoft Suite
Basic Knowledge: Lumion / SketchUp / Rhinoceros / Grasshopper / Adobe Illustrator

Physical
Model production / Drafting by hand / Verbal & written

REFERENCES AVAILABLE UPON REQUEST

EDUCATION

University of the Witwatersrand Johannesburg
2013 // Master of Architecture (Professional)
dissertation passed cum laude
2012 // Bachelor of Architectural Studies with Honours
design studio passed cum laude
2010 // Bachelor of Architectural Studies
architectural design & theory III passed cum laude
South African Council for the Architectural Profession Registration Number CANT51044330

St Stithians Boys' College Johannesburg
2007 // Full Matric Exemption with Distinctions (Independent Examination Board)

CONTINUED EDUCATION

2015/2016 // Public lectures at the Architectural Association School of Architecture, London
2011 // Student representative for the SACAP accreditation for the University of Cape Town's School of Architecture
2010 // Digital Design and Fabrication Workshop held in Johannesburg by Kristof Crolla & Jeroen van Ameijden from the Architectural Association School of Architecture, London

HONOURS + AWARDS

DM Burton Prize
The best graduand in the discipline of architecture // 2013

Saul Margo Memorial Prize
The final year student whose performance over the entire curriculum for the degrees of architecture is judged to be the most meritorious // 2013

Frank Gordon McIntosh Prize in Architecture
The Master of Architecture (Prof.) graduand who submitted the best architectural design and discourse on some aspect of architectural construction or the best set of drawings // 2013
Second Year Design Studio Tutor // 2013

The Everite Prize
The best graduand in the Bachelor of Architectural Studies // 2010

Gauteng Institute for Architecture Award
The Bachelor of Architecture Studies graduand who submits the most comprehensively resolved major project in the course 'Architectural Theory & Design' // 2010

MDS Architects Prize
The student who submits the best design project for a commercial building in the final year of study for the Bachelor of Architectural Studies degree // 2010
Certificate of Merit // 2010

The Dean's List
Awarded to the top 10% of students in the faculty of the built environment // 2010/2012/2013

Member of the International Golden Key Society
School Prefect // 2007

Academic & Art Colours // 2007
Shirley Woodhouse Award for Art // 2007
School Art Prize // 2005/2006

PROFESSIONAL EXPERIENCE



SAOTA

KINGS TOWER

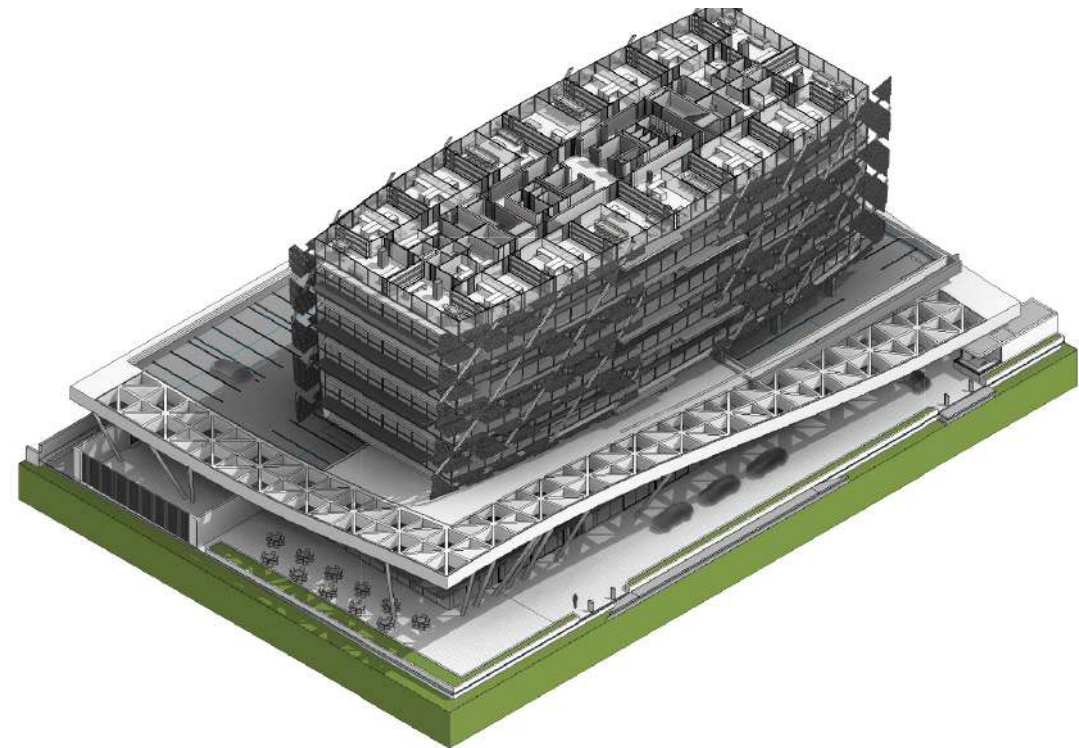
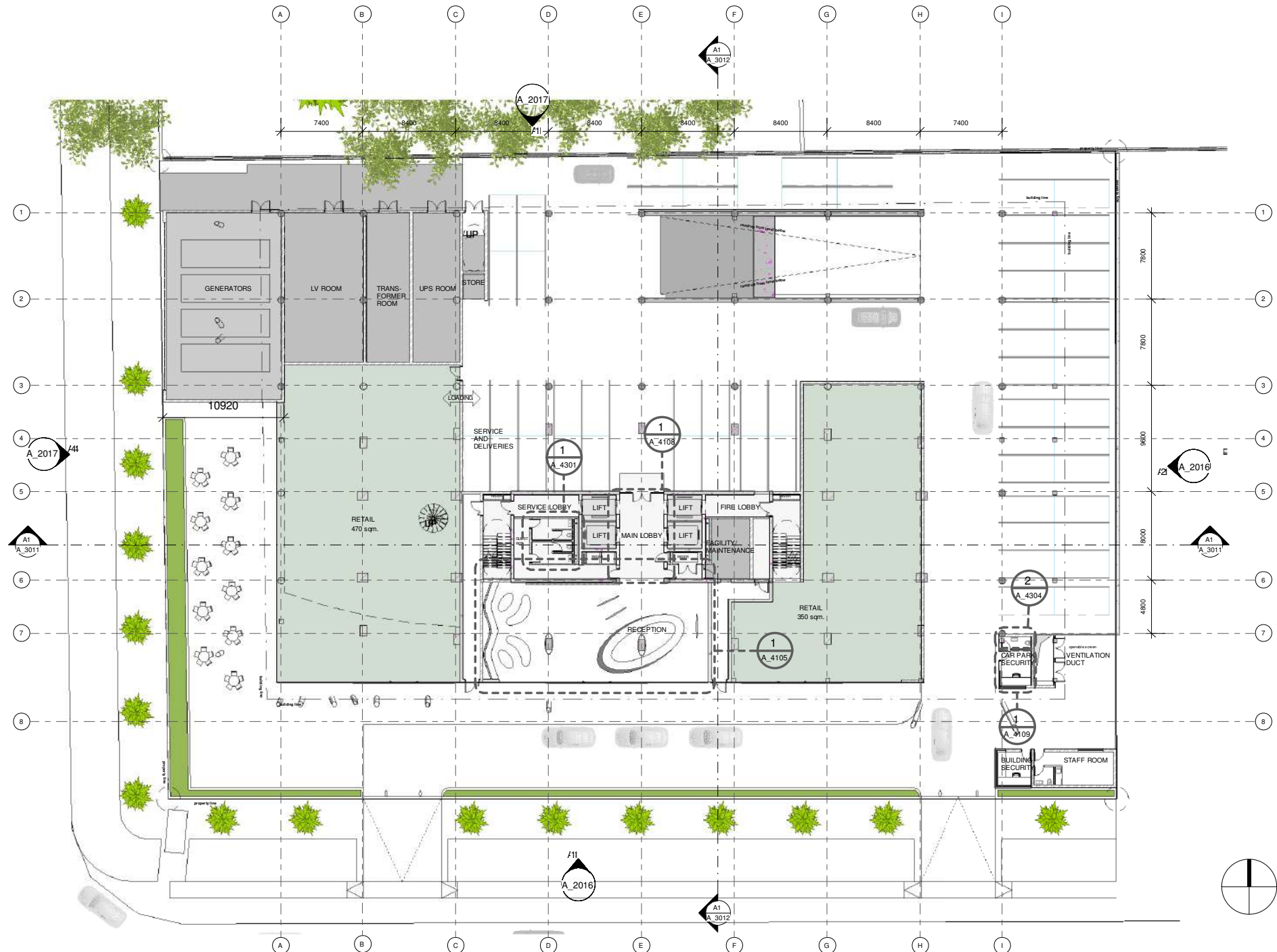
lagos, nigeria // 2014 - 2018

Kings Tower is a new high rise building in the busy commercial node of Lagos. Comprising of retail and restaurant spaces at ground floor and 15 storey's of office space, this mixed-use development is raising the standards for the mixed-use building typology trend planned for the developing city over the coming years. Distinguished by its triple volume, sweeping canopy welcoming occupants into the building from street level, as well as its unique sun shading screen spanning the full height of the building with planters at every level expressing office pause areas, the landmark project is due for completion in July 2018.

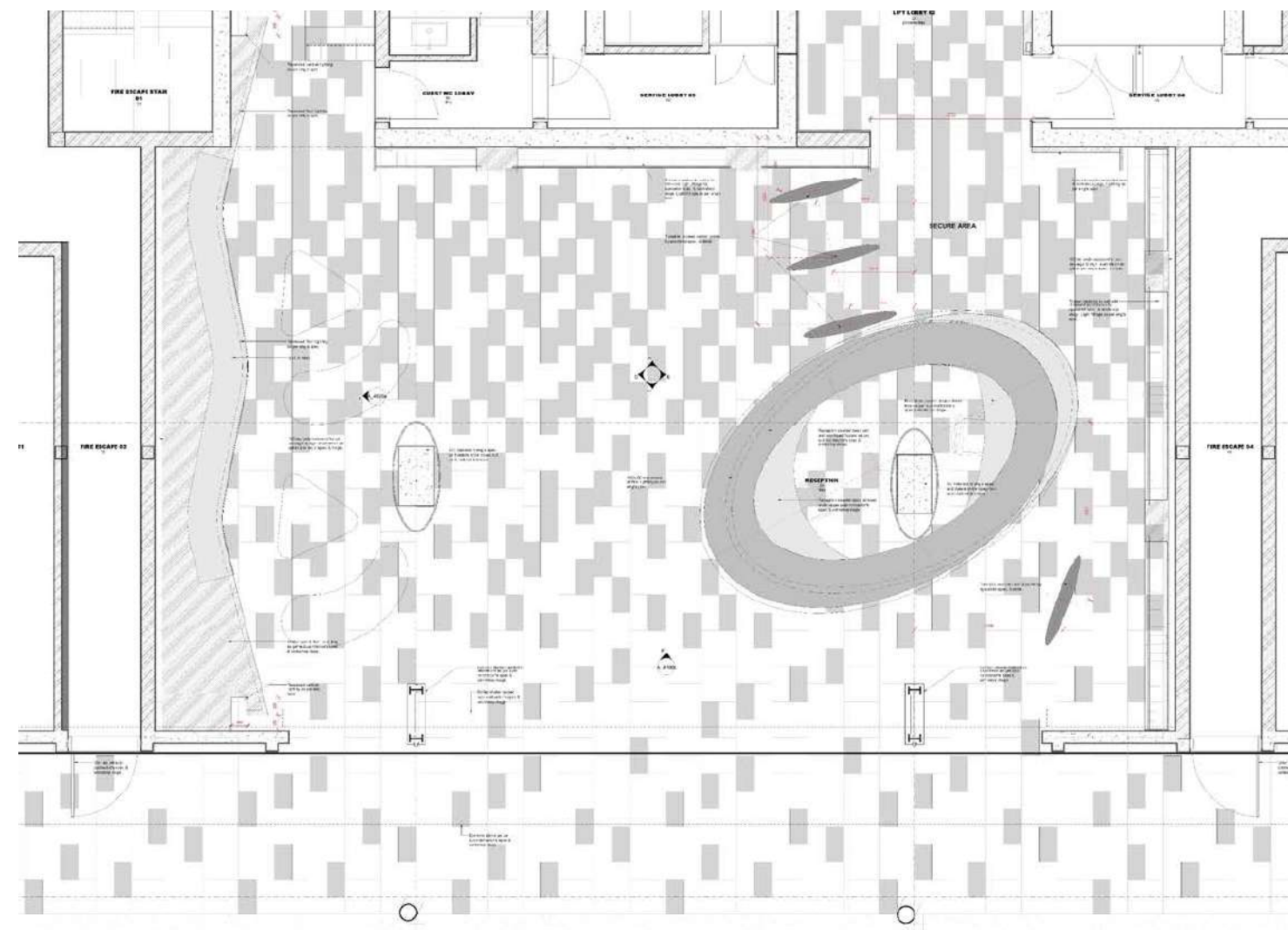
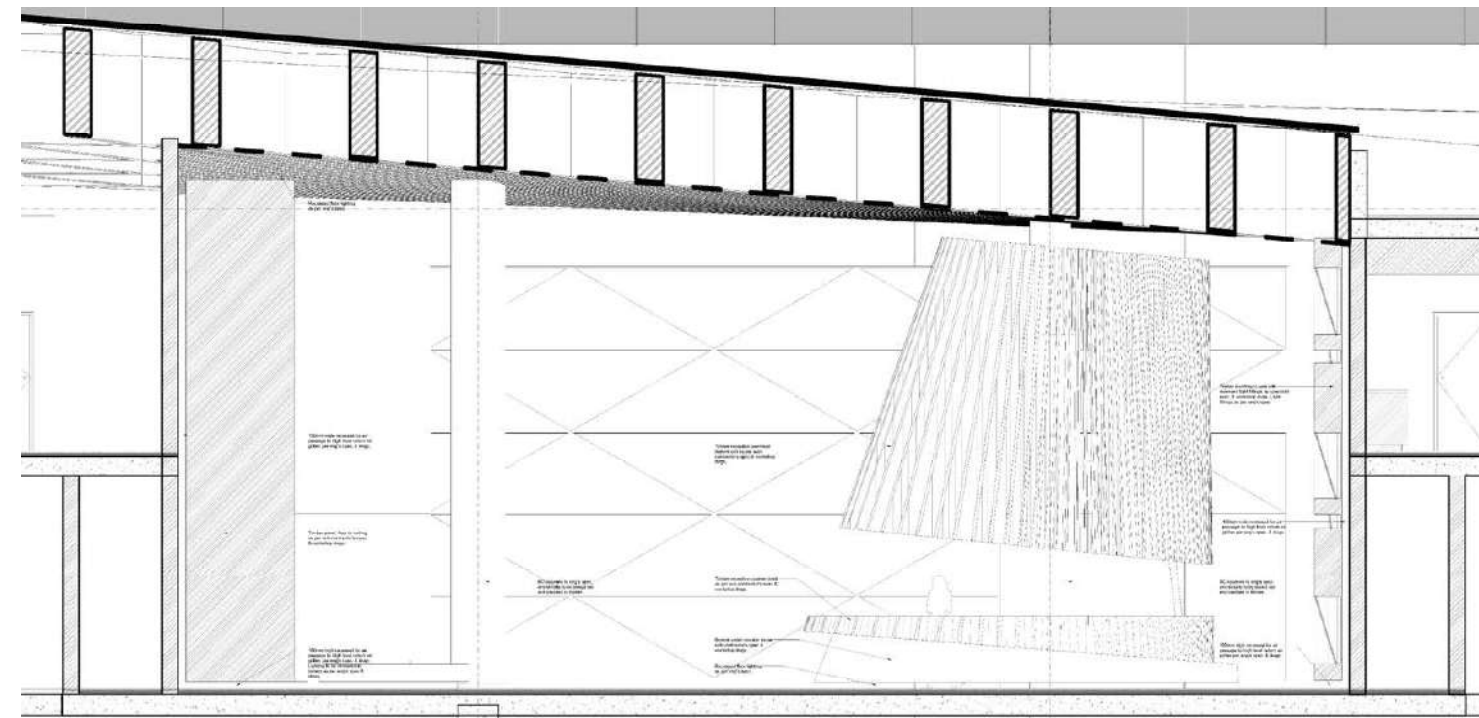
As Architectural Design Manager for the Kings Tower project later stages my responsibilities have including, but not been limited to, providing CAD drawings to illustrate design intent for items such as the reception area, the review and approval of details supplied by various consultants, the coordination of information provided by consultants from the structural engineer to the signage supplier, as well as advising and liaising with the client and greater team.

Work stages: 4 & 5

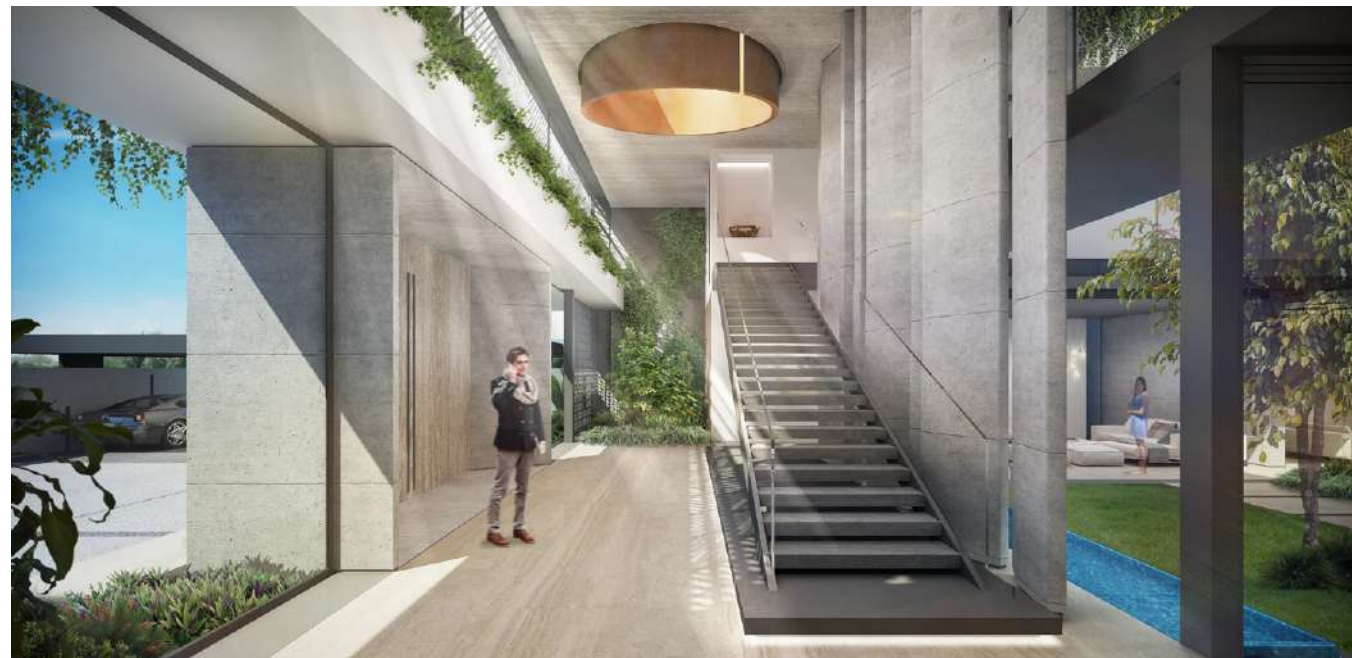
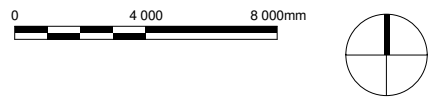
Opposite page: CGI of Kings Tower at night



Opposite page:
 CGI - Kings Tower main approach
 Screen installation progress
 CGI - Kings Tower facade
 View from office - screen installation progress
 From top of page:
 Ground Floor Plan
 Typical Office Layout Axo
 Revit
 Photography by Greg Truen



Opposite page:
 Reception reference images
 CGI - View of reception from main
 entrances
 CGI - View of reception from
 basement entrance
 CGI - Reception Axo
 From top of page:
 Reception Front Elevation
 Reception Floor Plan
 Revit



VILLA N&N

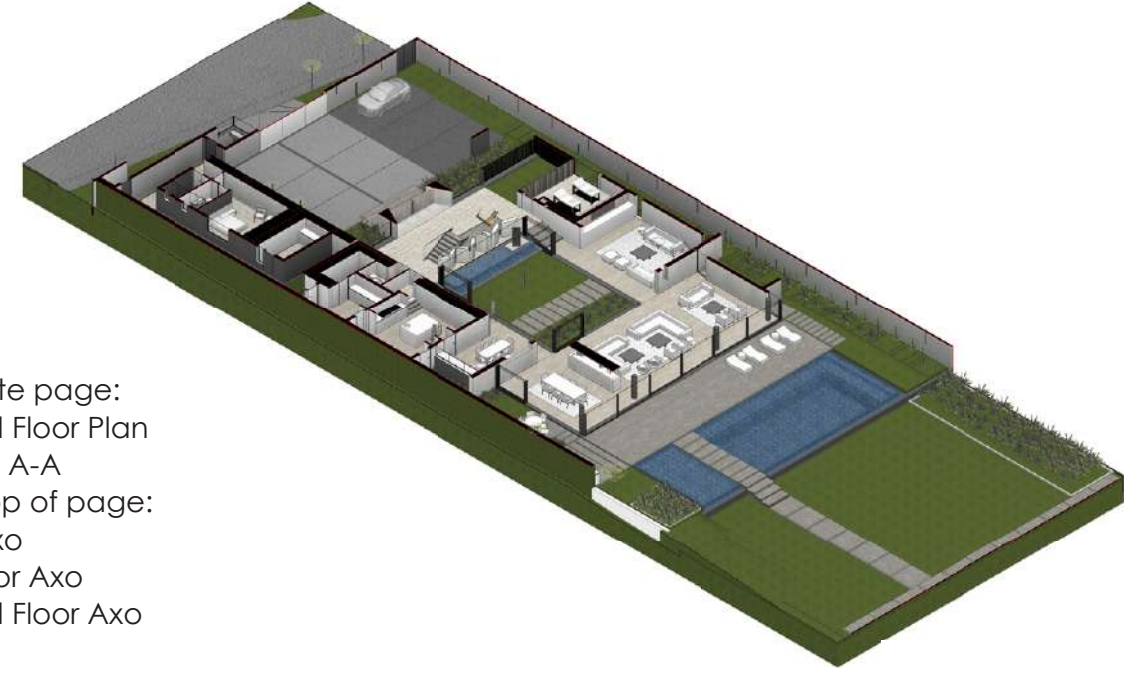
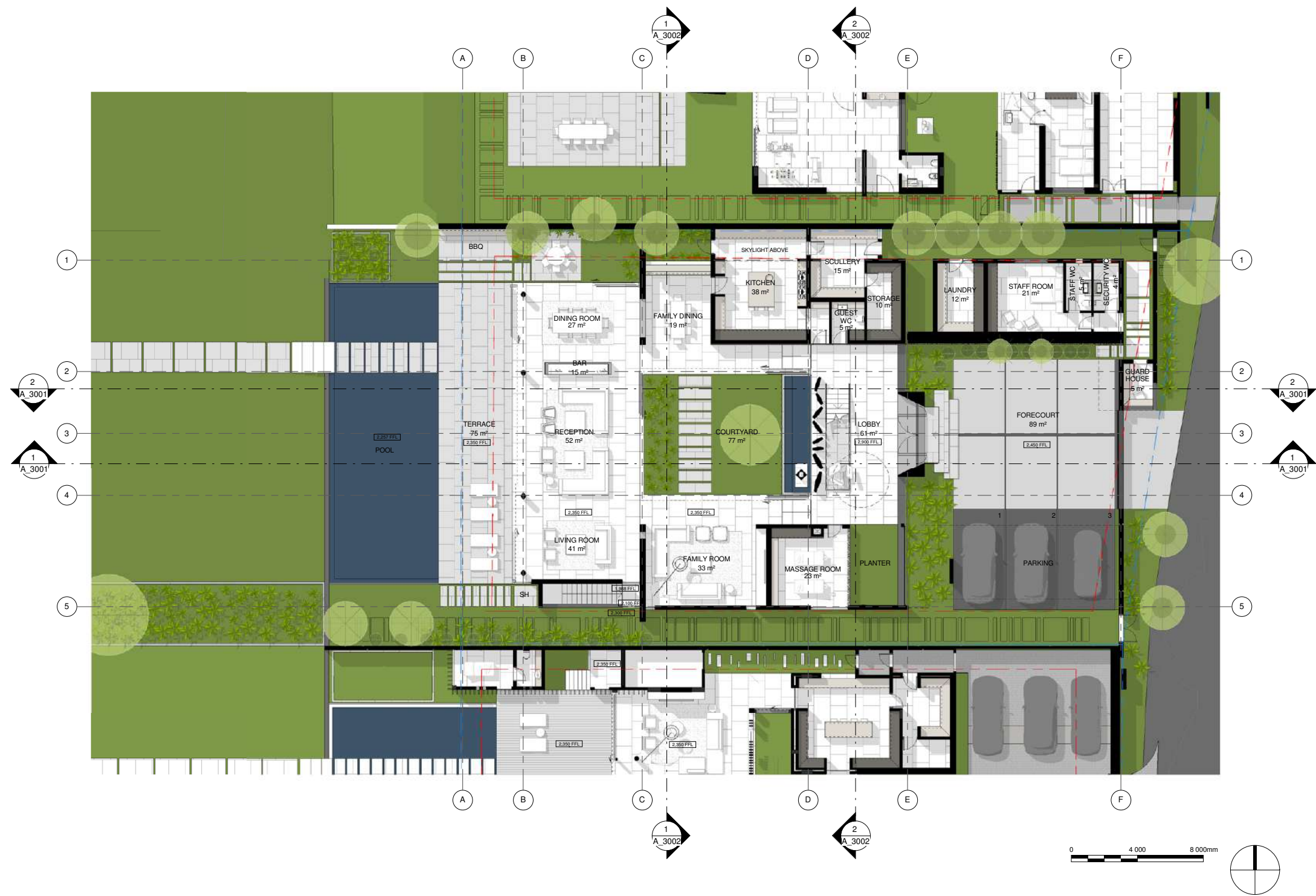
abidjan, ivory coast // 2017 - ongoing

This French-African inspired home is the third villa completing what will be a business tycoon's family compound overlooking the Ebrie Lagoon. The design grew from a leading design idea - a large, green courtyard - providing natural light and ventilation to all habitable spaces. In addition, the courtyard offers a sheltered environment for the children to play away from the winds generated from across the lagoon while still maintaining the important visual connection with the sand, reeds and water - a constant sense of place. A variation of screening devices afford the family degrees of privacy and an effect of layered spaces.

As Team Leader I was responsible for the delivery of the initial concept design package presented to the client.

Work stages: 1 & 2

Opposite page:
Site Plan
West Elevation (Lagoon facing)
From top of page:
CGI - Forecourt
CGI - Entrance Hall
CGI - Lagoon facing facade
Revit



Opposite page:
 Ground Floor Plan
 Section A-A
 From top of page:
 Roof Axo
 First Floor Axo
 Ground Floor Axo
 Revit



LAGUNA BAY

abidjan, ivory coast // 2017 - ongoing

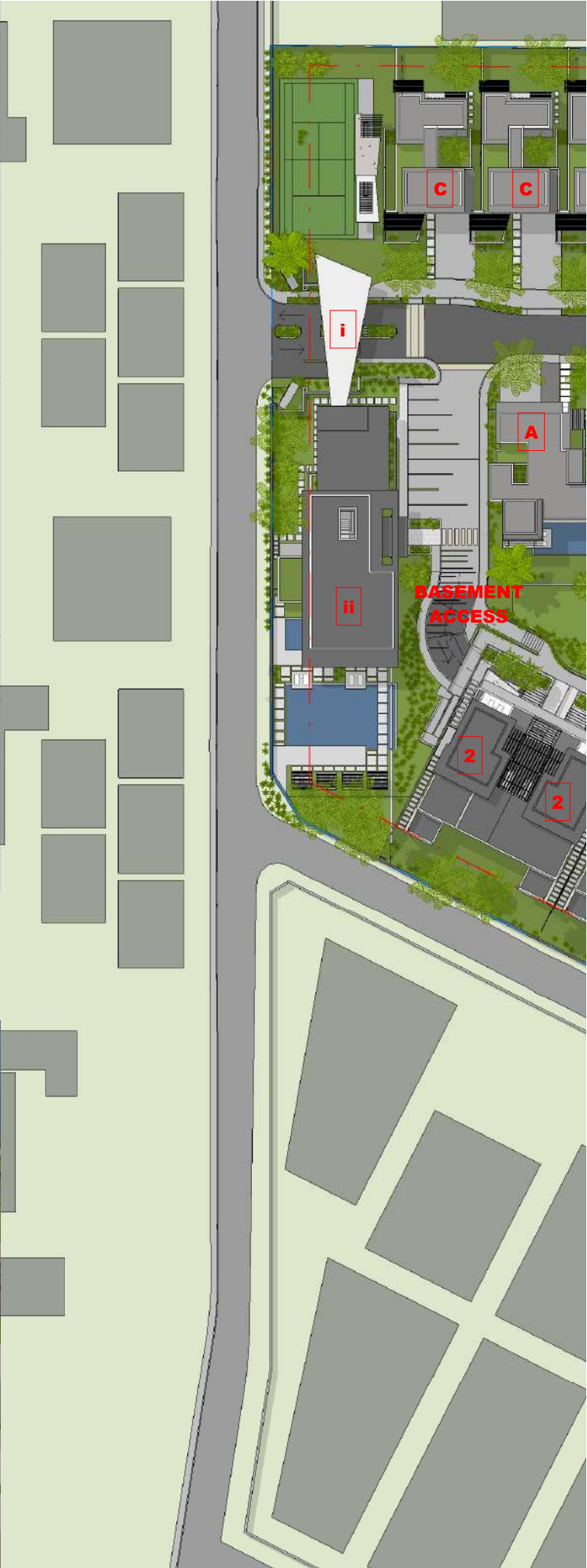
Laguna Bay is a secure, multi- residential development a short distance outside of the Ivory Coast's economic capital, Abidjan. The design proposal is a response to the city's continued population growth - Abidjan is the fourth most populous city in Africa. Catering to a large and growing market, the scheme offers three double-storey villa types boasting private gardens and three apartment building types (3, 4 & 5 bedroom units) with shared basement parking to allow maximum green space at street level. Communal facilities include a clubhouse with dining area, gym, pool and cabanas, a park, sports facilities and pavilions.

As team leader and architectural designer I was responsible for the delivery of the initial concept design and design development packages, liaising with the client, AOR, contractor and consultants and the coordination of information provided by the team.

Work stages: 1 - 3



BUILT DIAGRAM		
	BUILDING TYPES	NO. OF BLOCKS
A	VILLA GF & 1st Floor: 5 Bed Villa	5
B	VILLA GF & 1st Floor: 4 Bed Villa	4
C	VILLA: GF & 1st Floor: 3 Bed Villa	6
TOTAL NUMBER OF VILLAS		15
1	APARTMENT Ground Floor: 3 Bed Apartment 1st & Mezzanine: 4 Bed Apartment	16
2	APARTMENT Ground Floor: 3 Bed Apartment 1st & Mezzanine: 3 Bed Apartment	4
3	APARTMENT Ground Floor: 2 Bed Apartment 1st & Mezzanine: 3 Bed Apartment	16
TOTAL NUMBER OF APARTMENT BLOCKS		36
TOTAL NUMBER OF PARKING BAYS REQUIRED		246
i	GATEHOUSE	2
ii	CLUBHOUSE	1
iii	SERVICE BUILDING	1
iv	MAINTENANCE BUILDING	1

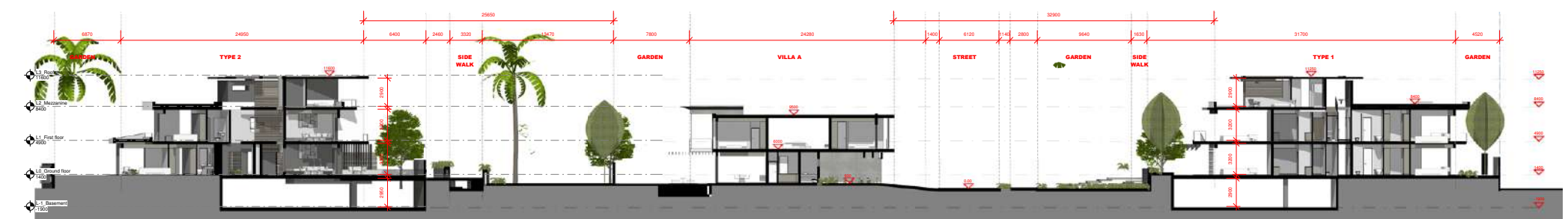
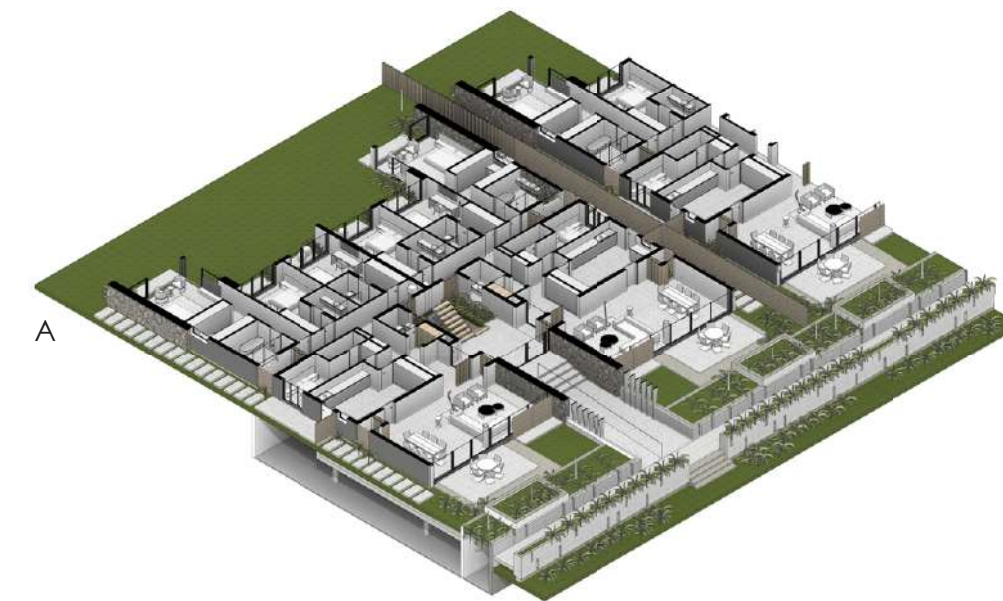
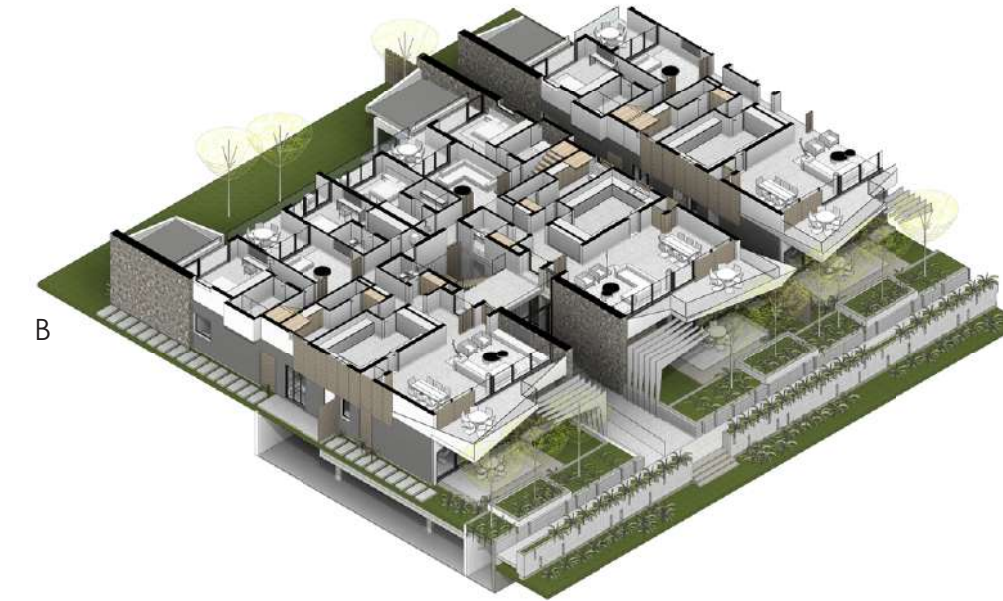




1. Guardhouse Entrance
 2. Villa Type C
 3. Villa Type A
 4. Apartment Building Type 1
 5. Service Building / Children's Park
 6. Apartment Building Type 3
 7. Apartment Building Type 2
 8. Apartment Building Type 1 from Type 3
 9. Clubhouse
- Revit / Lumion



Opposite page:
 Apartment Building Type 1 Ground Floor Plan
 Apartment Building Type 1 Street Elevation
 From top of page:
 Apartment Building Type 1 Axo's
 Site Section
 Revit





- 1

(01) GRANITE TILE – SAWN - Medium Grey
- 2

(02) EIFS-DRYVIT – HDP SANDBLAST - RAL 7021- Black Grey
- 3

(03) PAINT - RAL 7021 - Black Grey
- 4

(04) CAST-INSITU CONCRETE – POLISHED - Light Grey
- 5A

(05A) PRE-CAST CONCRETE – POLISHED - Medium Grey
- 5B

(05B) CAST-INSITU CONCRETE - OFF-SHUTTER - Medium Grey
- 6

(06) FIBER GLASS – FORM TO MOULD - Translucent
- 7

(07) ALUMINUM – RAL 7011 – Iron Grey
- 8

(08) ALUMINUM – RAL 7042 - Traffic Grey
- 9

(09) TIMBER – PARKLEX - Oak Linewash
- 10

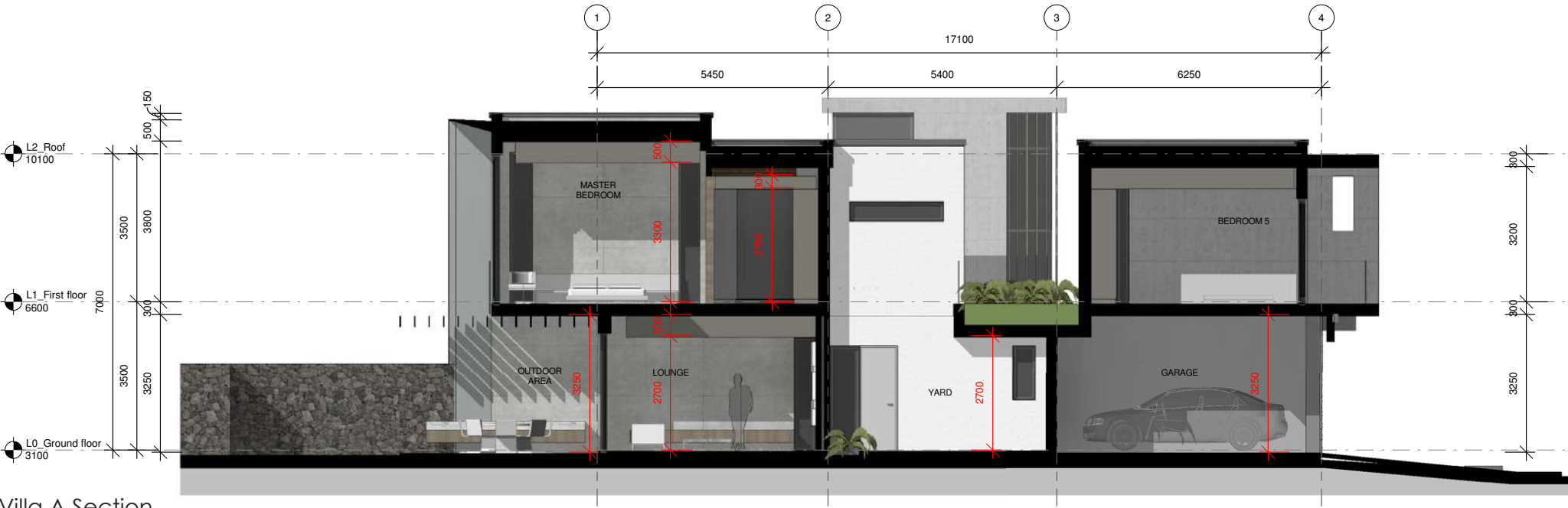
(10) NATURAL STONE – DRYSTACK - Grey Brown
- 11

(11) CONCRETE AGGREGATE - Warm Grey
- 12

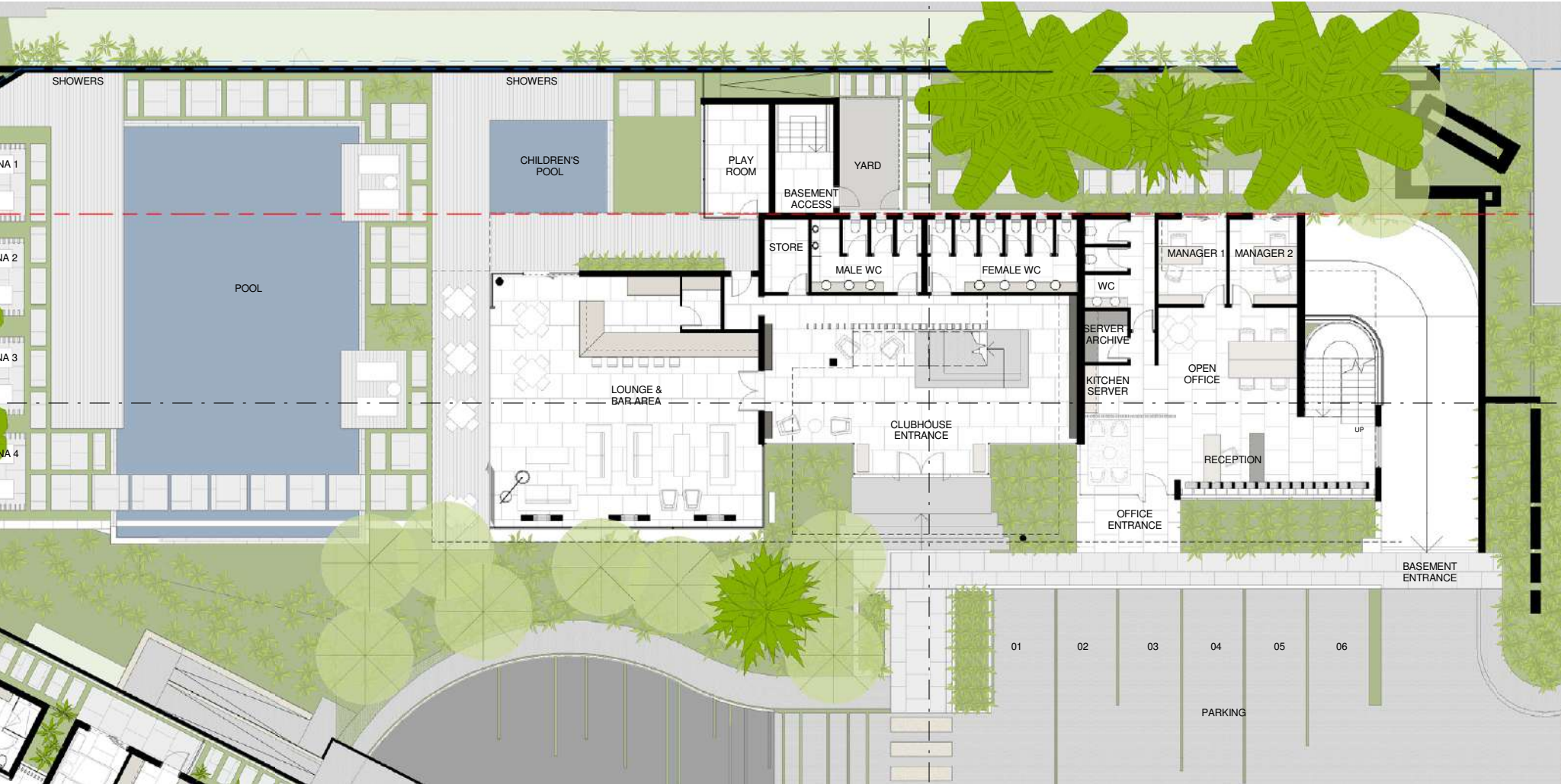
(12) CONCRETE PAVER – COBBLESTONE - Dark Grey
- 13

(13) SLATE MOSAIC TILE – NATURAL FINISH - Dark Grey

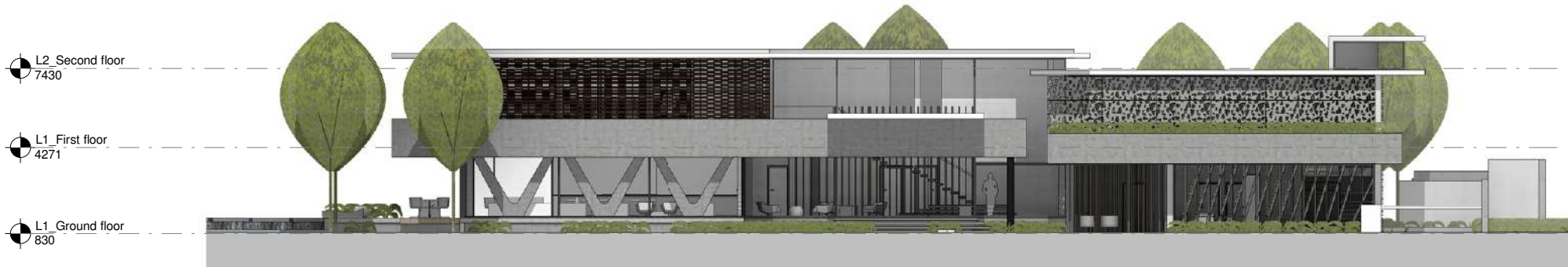
Villa A Finishes



Villa A Section



Clubhouse Ground Floor Plan



Clubhouse Entrance Elevation



Clubhouse Long Section



LIANGJIANG

chongqing, china // 2017 - ongoing

Appointed by a leading Chinese real estate developer, we were briefed with the task of developing a masterplan for a new residential precinct in southwest China's Liangjiang region. In addition to the masterplan, scope of work included facade design packages for 6 and 8-storey apartment buildings as well as concept designs for four villa types.

The client presented the proposed designs to the Chongqing municipality in an effort to secure the land for development rights. The proposal was successful and is currently in final design concept stage.

As Architectural Designer I was responsible for liaising with the client team, documenting the brief, initial concept design and the delivery of the complete concept design proposal package.

Work stages: 1 & 2



Opposite Page:
 CGI bird's eye view of the Masterplan
 CGI aerial view of the development
 From top of page:
 View towards Apartment Building Type A
 View towards Apartment Building Type B
 Typical Floor Plan - Apartment Building Type A
 Revit



CHAPMAN TAYLOR

INTERNATIONAL ARCHITECTS, MASTERPLANNERS, DESIGNERS



THE LEXICON

bracknell, england // 2015 - 2017

Re-development of an existing 1970s shopping precinct, as part of the wider town centre regeneration of Bracknell. The project accommodates 60,000m² of new retail and leisure space and comprises two integrated components:

Charles Square – The scheme includes a new anchor store and associated shop units to provide 10,000m² of retail space, improved vertical circulation and linkages and associated public spaces.
Northern Retail Quarter – The Northern Retail Quarter comprises 6 new-build blocks including major shop units for *Marks & Spencer* and *Fenwick*, as well as a new 12 auditoria cinema at first floor featuring a 4DX cinema for *Cineworld* and the conversion of an existing office tower into a residential tower.

As block architect responsibilities included the delivery of GA drawings to technical details, the co-ordination of structure & services, sub-contractors, tenant & client across multiple blocks, including the cinema, while acting as project BIM lead.

The Lexicon will be opening in Autumn 2017.

Work stages: 4 & 5

Cost: £240m

Opposite Page (clockwise):

Site Plan *BDP Architects*

View East between Blocks 2 & 5:

- Photograph prior to redevelopment *BDP Architects*

- CGI of proposal *BDP Architects*

- Site progress photograph - February 2017 *Kier Bothwell*

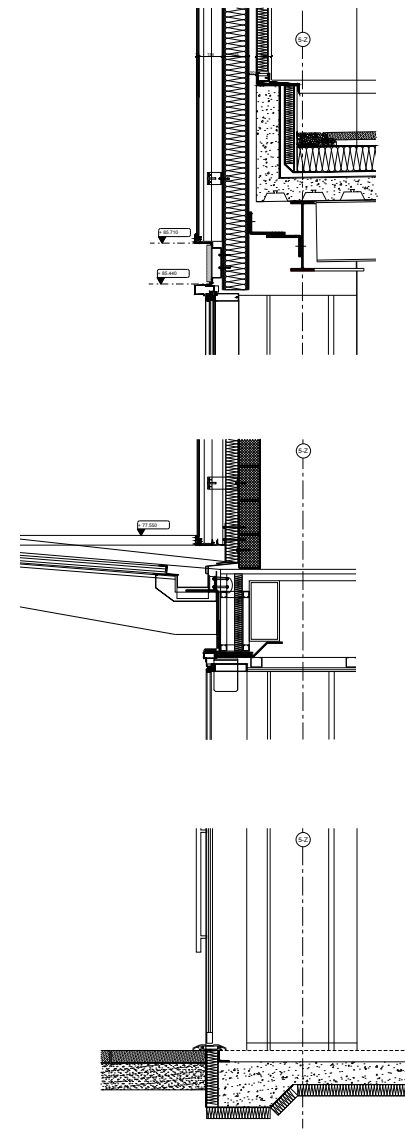
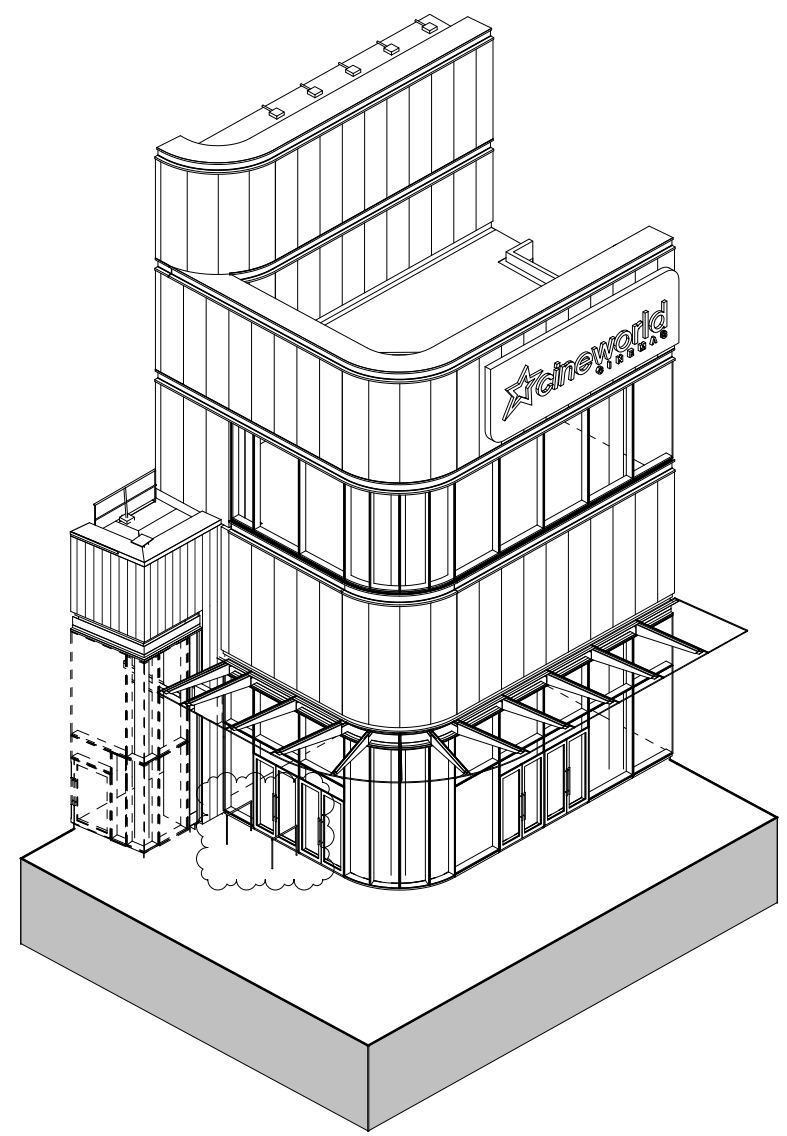
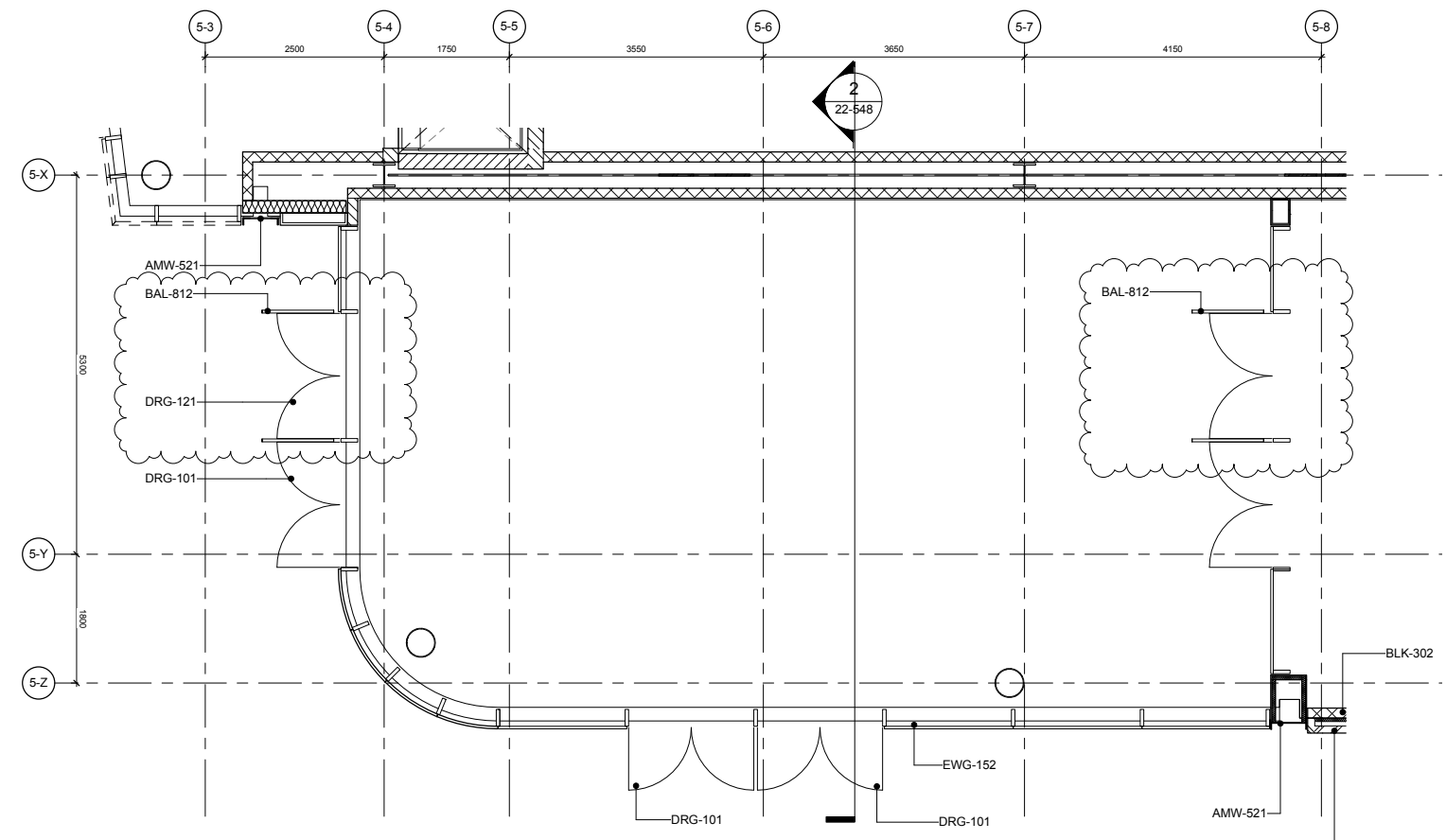
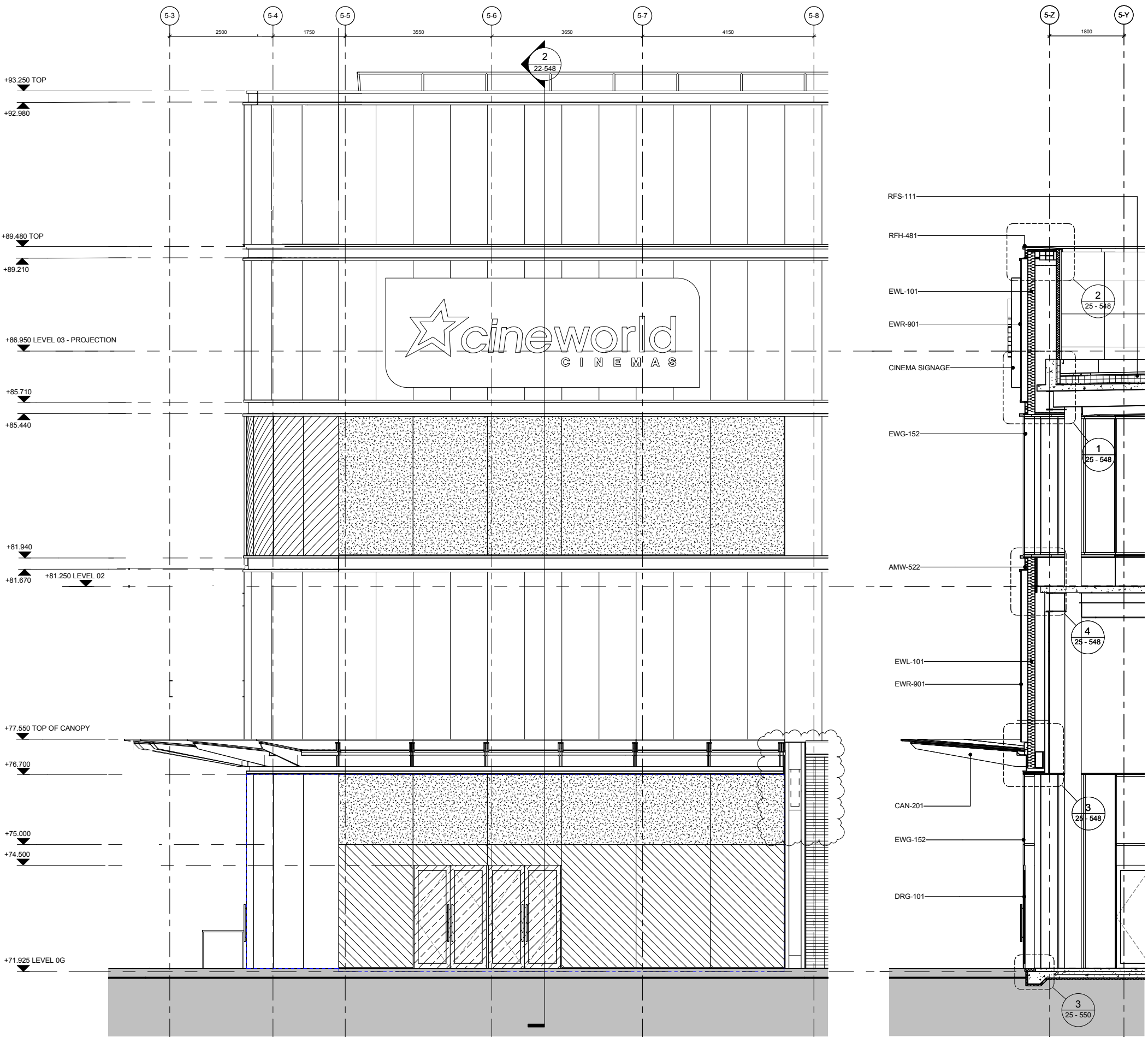
View North towards *Cineworld* entrance *BDP Architects*



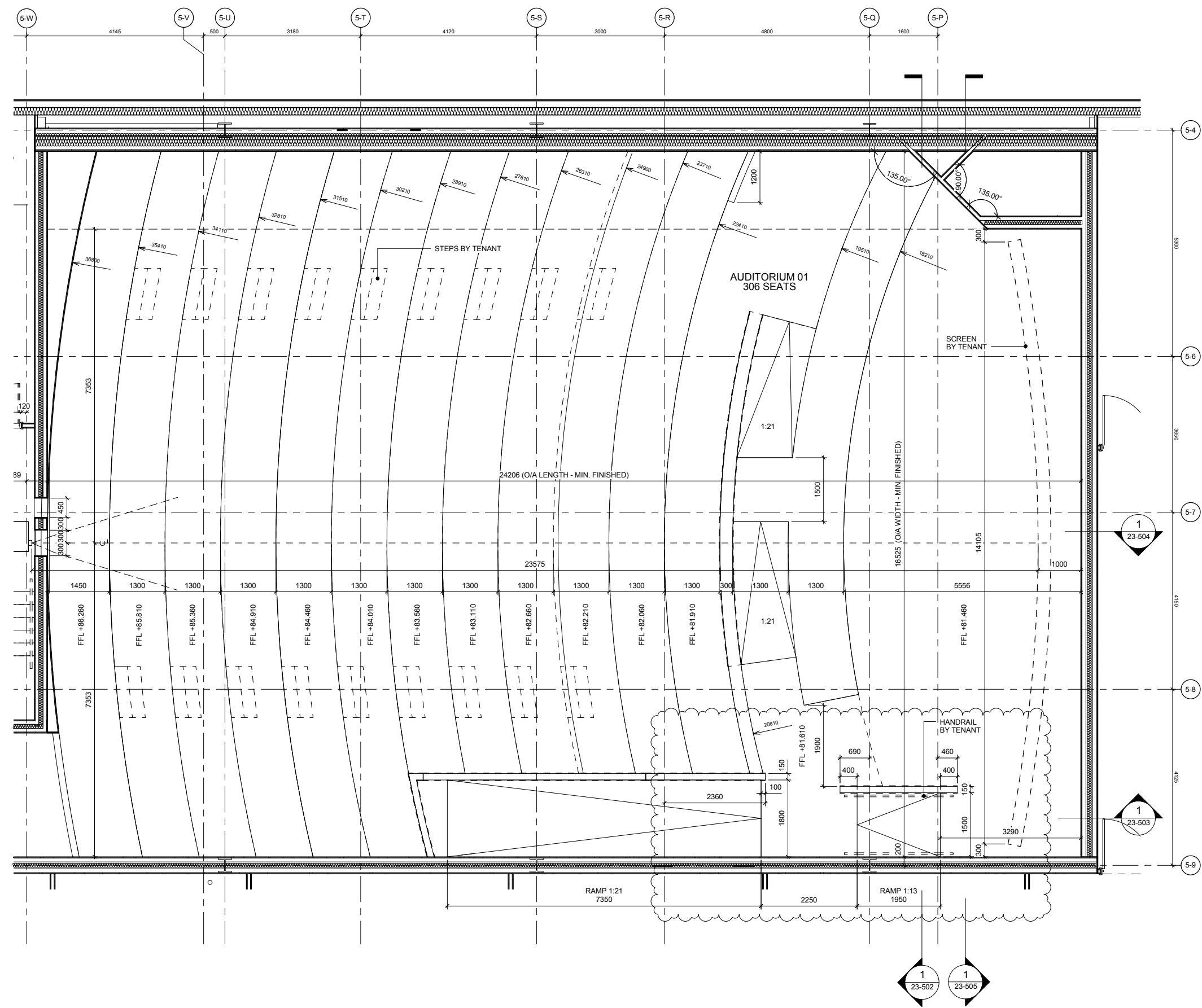
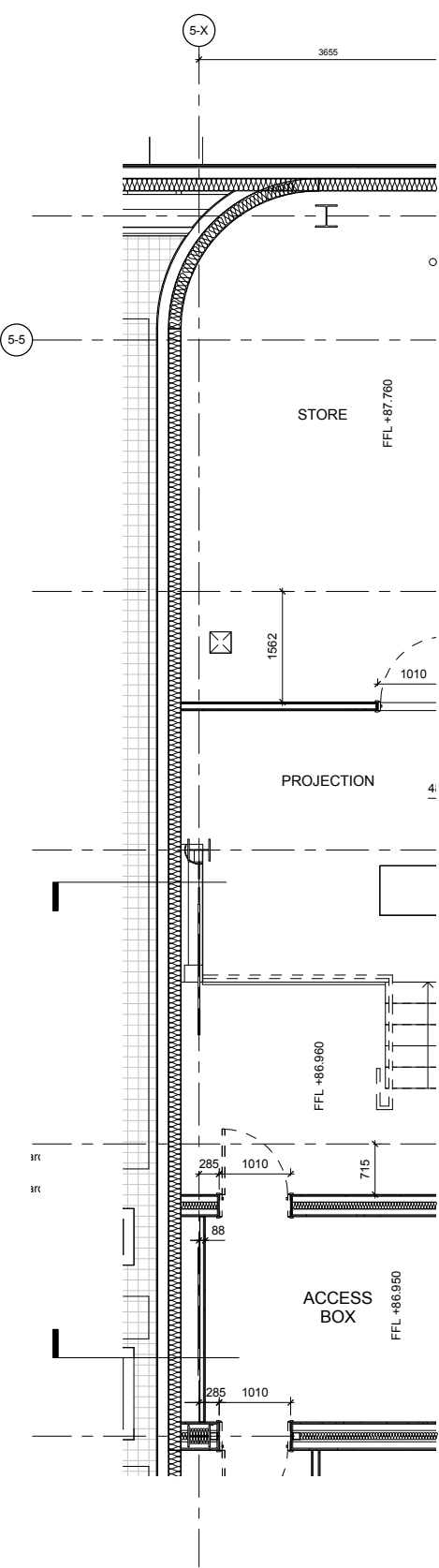
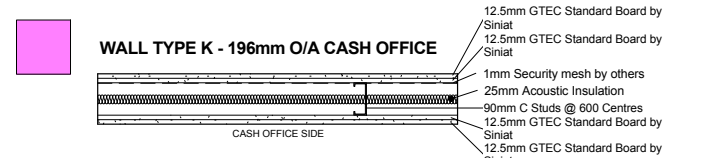
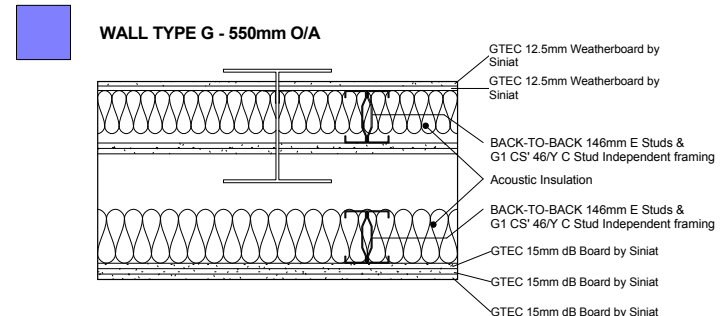
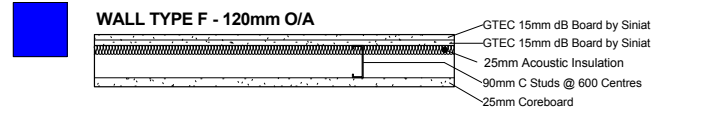
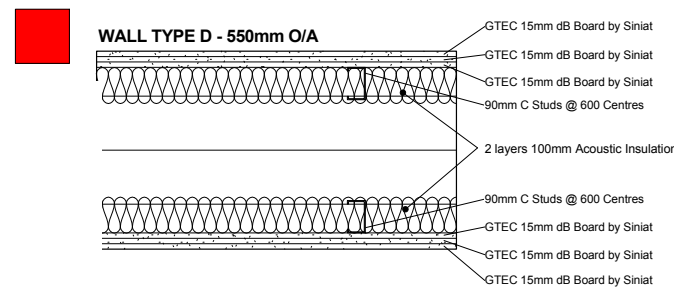
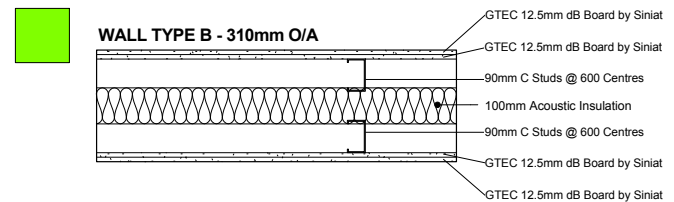
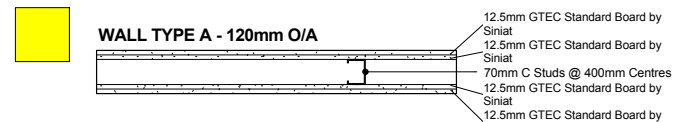


Level 0G - GA Plan
Revit

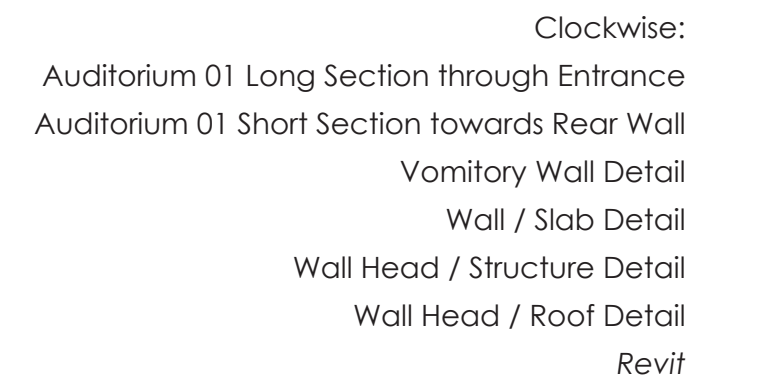
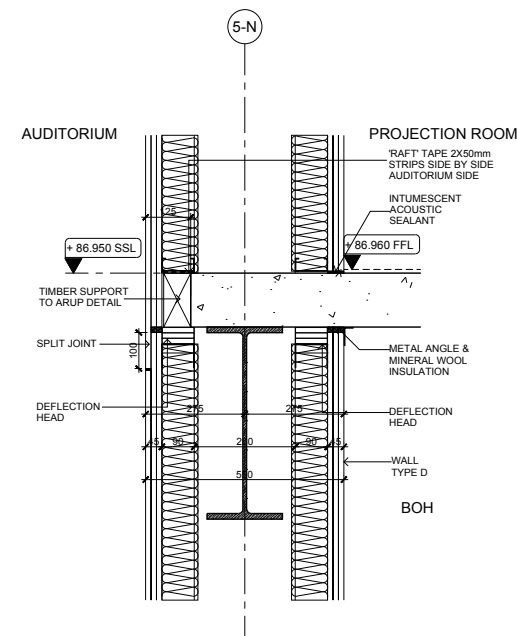
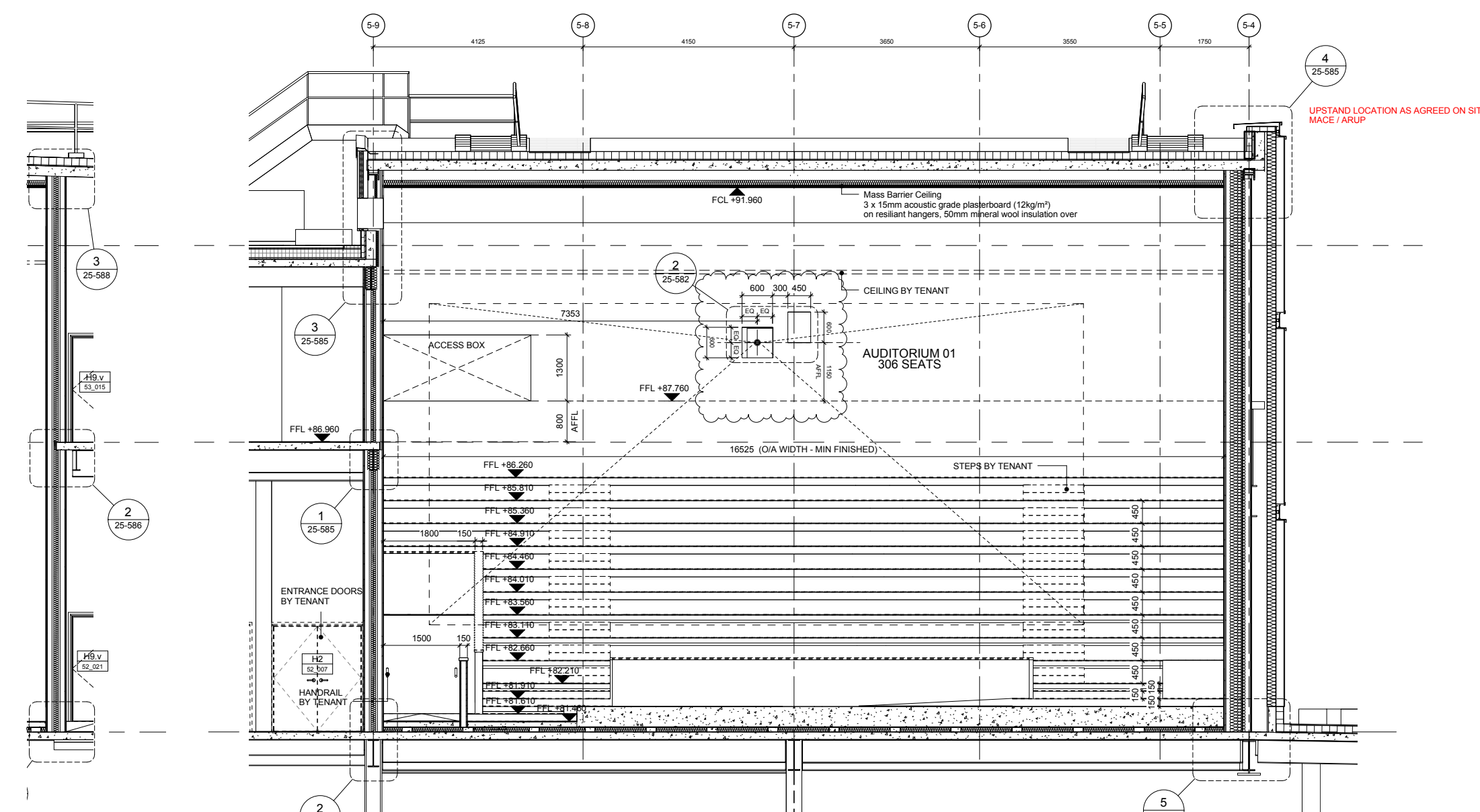




Cinema Entrance Bay Study:
South Elevation
Perimeter Section
Level 0G
3D View
Envelope Details
Revit



Opposite Page:
 Level 02 Plan - Auditoria Acoustic Wall Types with Wall Type Key
 Above:
 Auditorium 01 Plan
 Revit



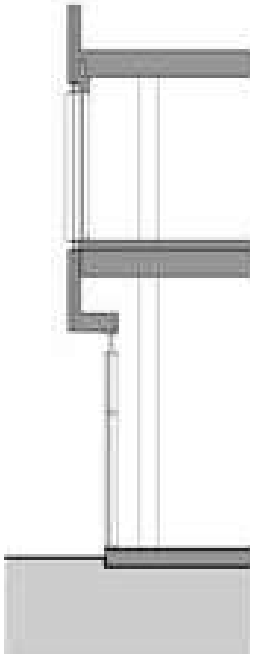


ORCHID CENTRE

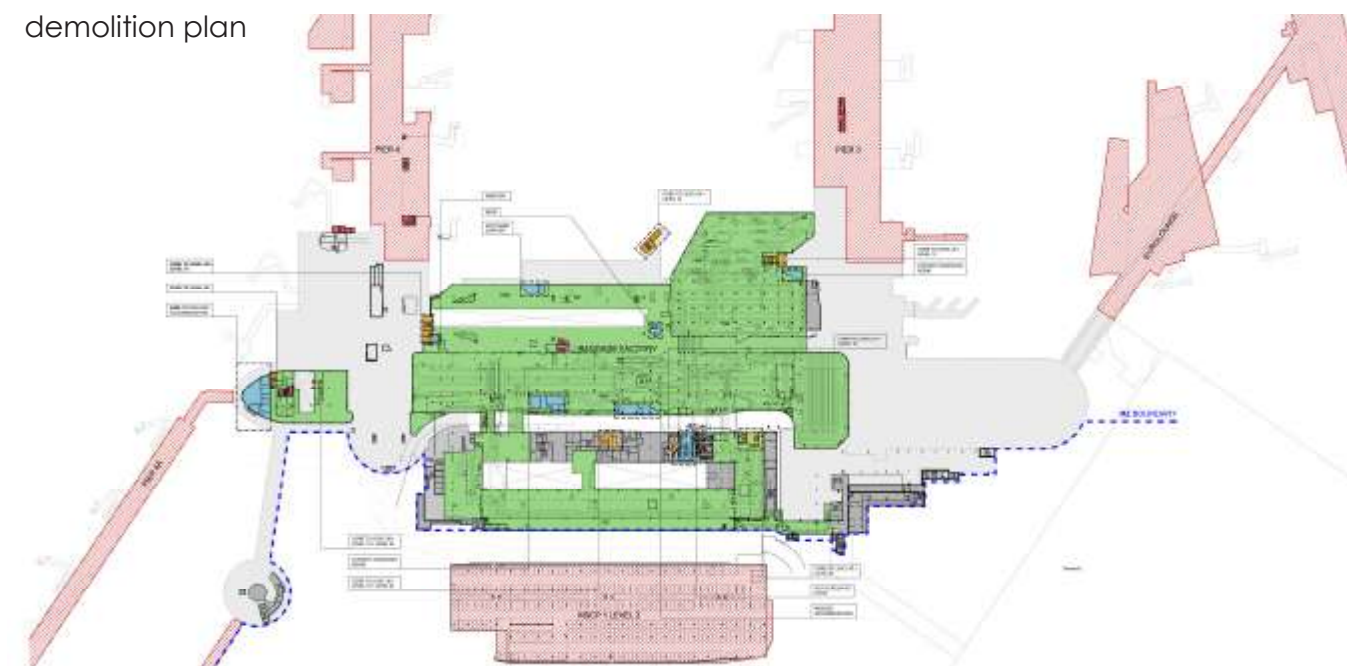
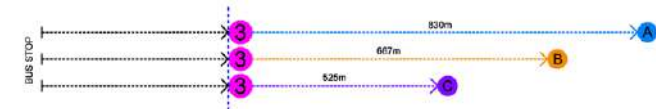
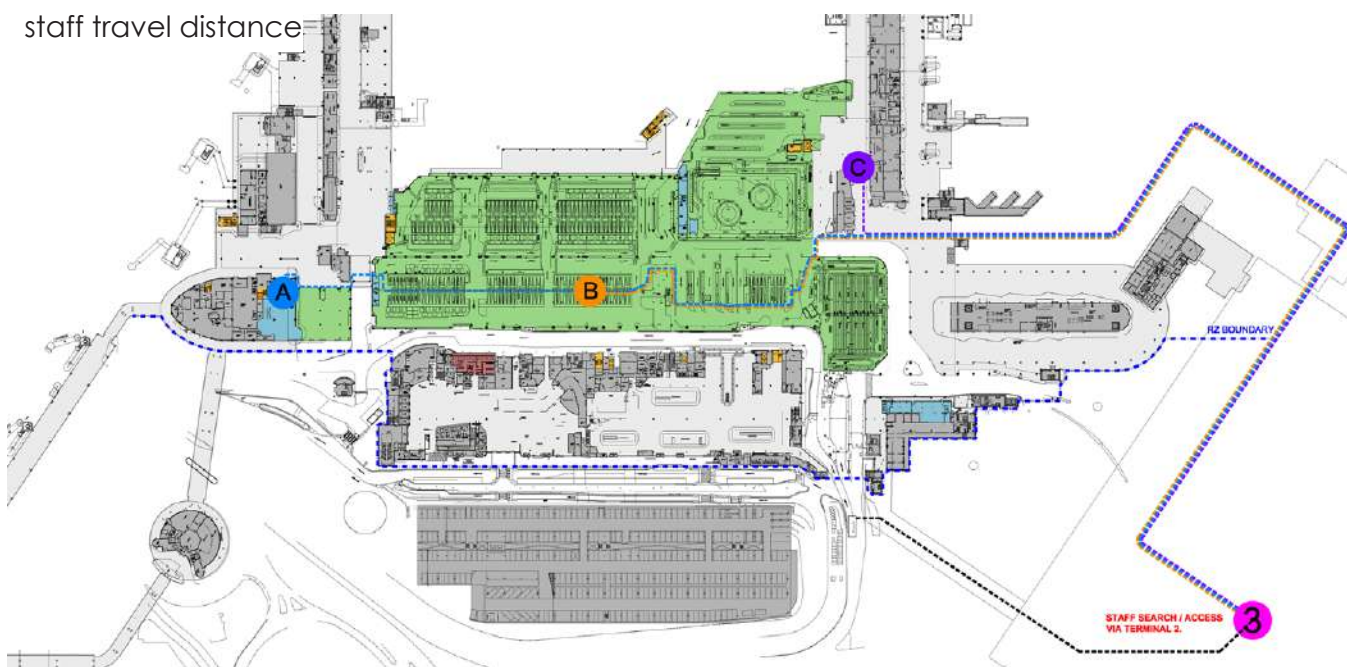
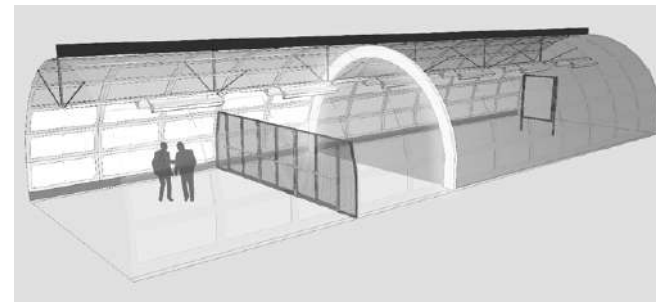
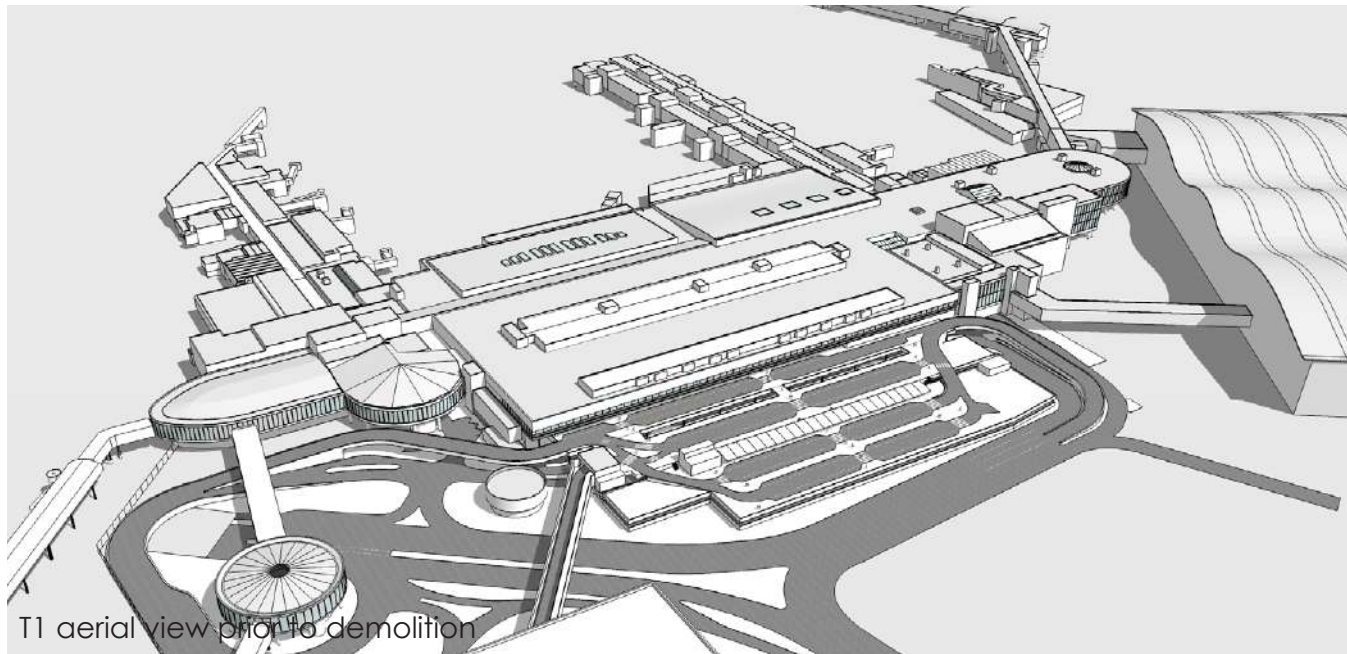
didcot, england // 2014 - 2017

With a vision to expand and develop the existing Orchard Centre, Hammerson PLC (the client), in collaboration with the District Council, hope to give a greater sense of identity to Didcot by means of creating a town centre. A key element of the design is the long-term desire to create a 'plaza' at the heart of the future Didcot town centre, surrounded by mixed-use facilities. This has informed the decision to extend the existing pedestrianised Orchard Street in an easterly direction to the limit of the site and then northwards in order to enclose the area currently occupied by a Sainsbury's car park. To ensure commercial viability an anchor store (M&S) is located at the northern extremity, terminating the pedestrianised street; a route flanked by retail units and restaurants. Footfall and visibility are maximised by the provision of a number of pedestrian links into the centre, strategically located to deliver the public into the main public spaces ensuring that these spaces are well used and passively secured. The proposed scheme satisfied the requirement of all investors and was granted planning permission by the Council.

Work stages: 1 - 3
Cost: £60m



Opposite Page:
Site Plan
Aerial & pedestrian view CGIs
Top to Bottom:
Block Elevation
Perimeter Section & Elevation
Material palette
Long Elevation
Revit & Photoshop



HEATHROW AIRPORT TERMINAL 1

london, england // 2014 - 2015

Chapman Taylor were appointed with the task of designing, co-ordinating and implementing the closure and demolition phasing strategy of the Heathrow Terminal 1 MSCP, piers & various linkages. This is in preparation for the continued expansion and improvement of Heathrow Airport.

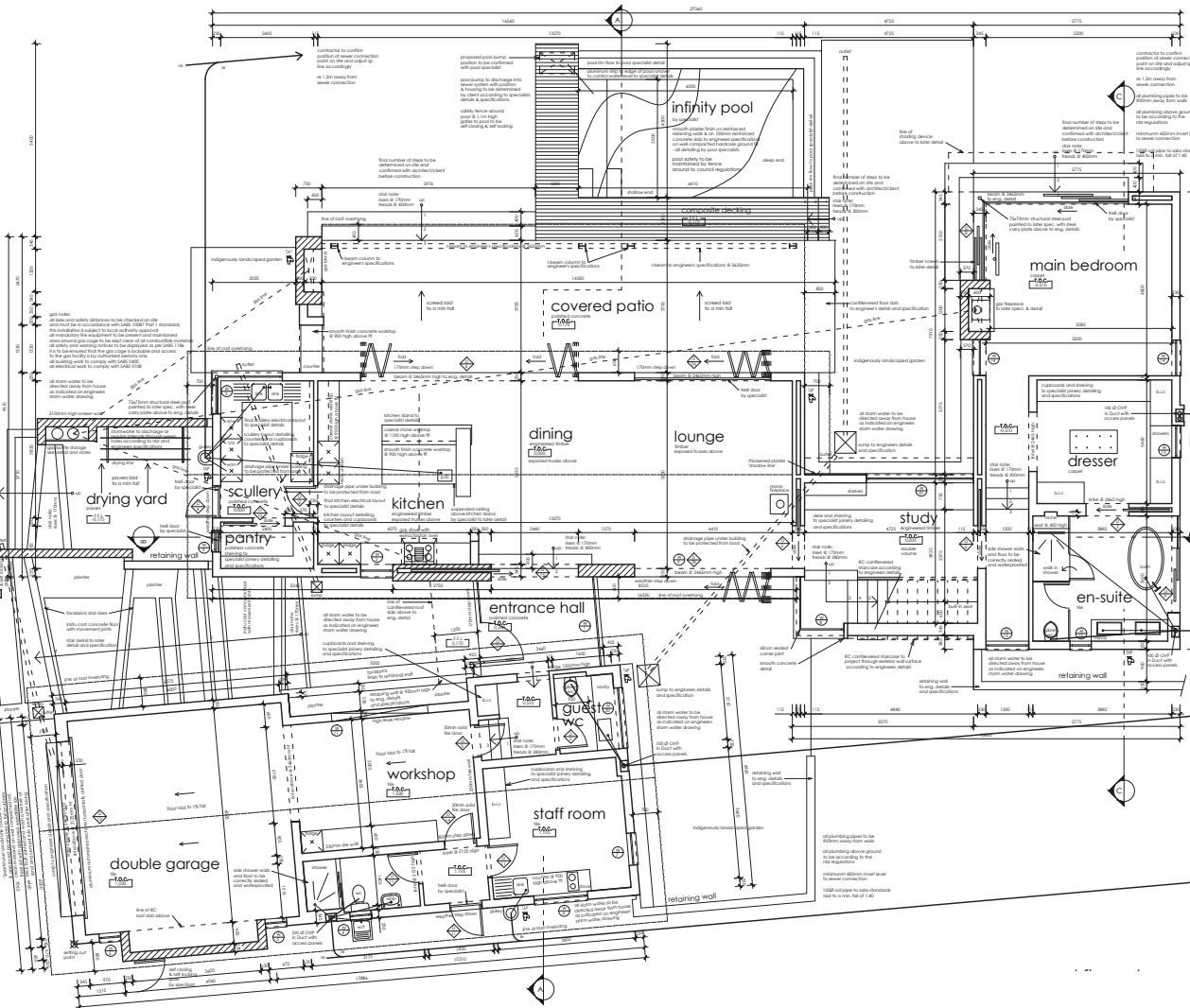
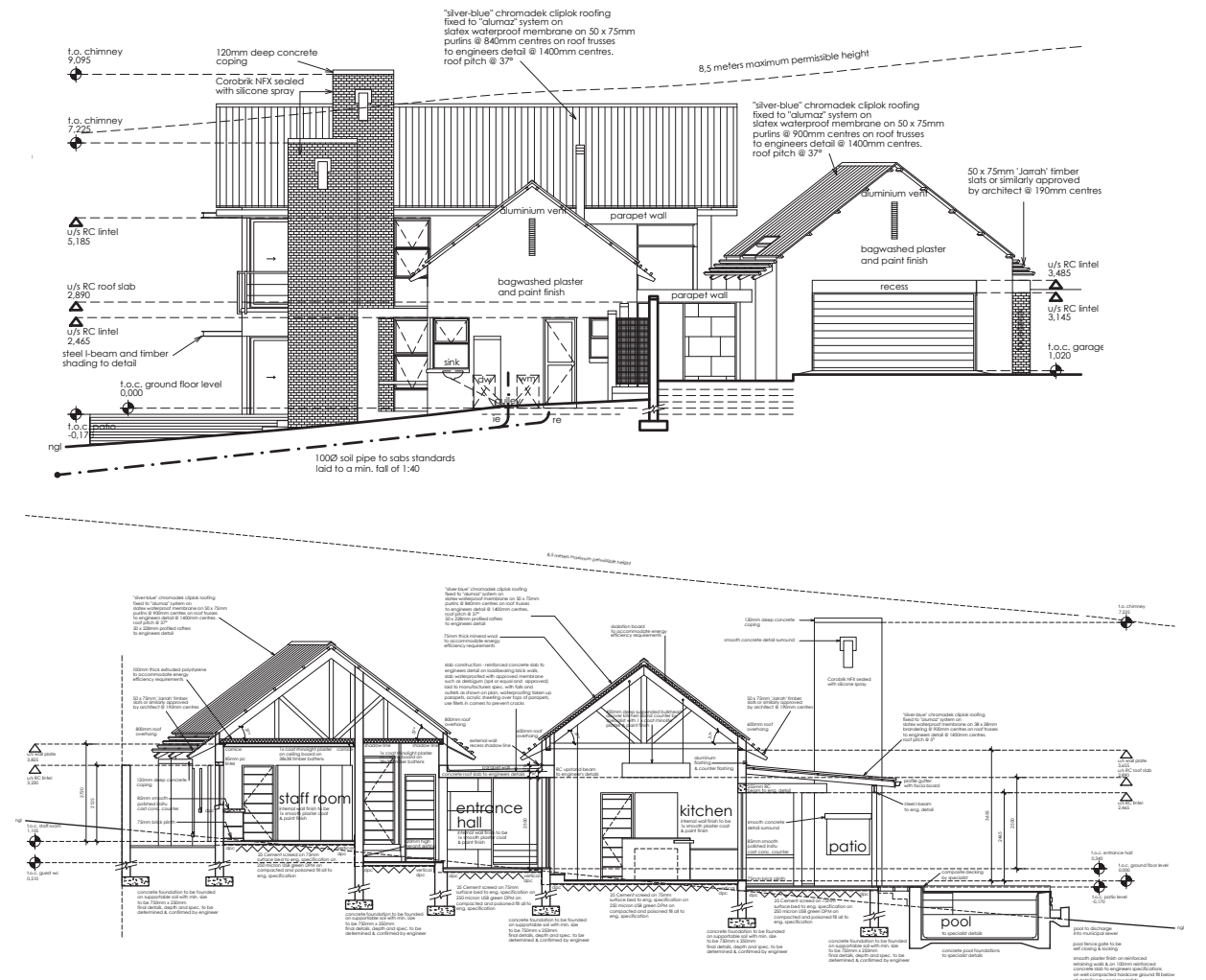
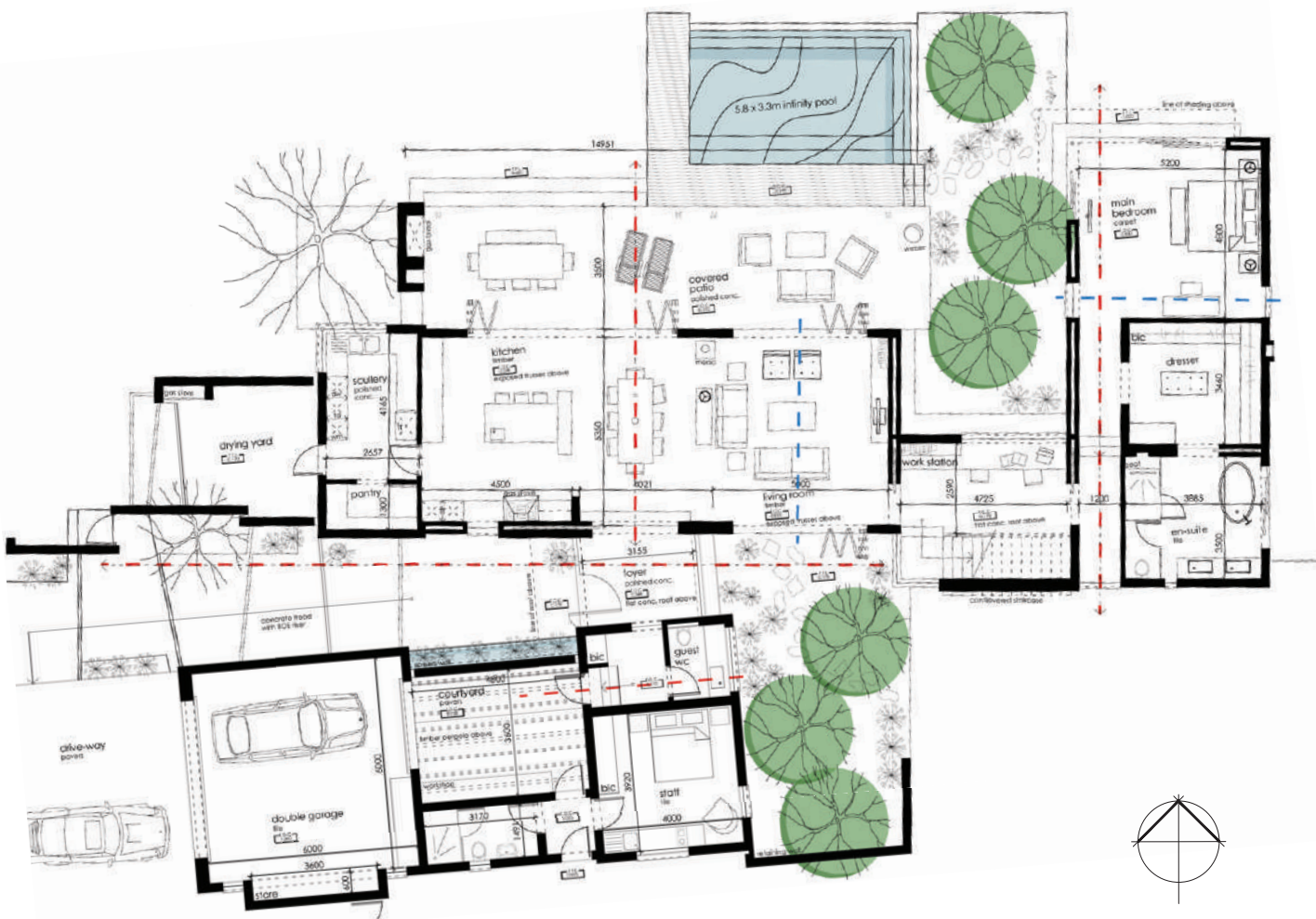
HOUSE 01

poortview, jhb 2014 - 2016

- + Client brief
- + Conceptual design & feasibility
- + Design development
- + Technical documentation
- + Council submission
- + Technical detailing
- + Tender documentation
- + Contractor appointment
- + On-going project management
- + Snagging

Area: 430m²
Work stages: 1-6
Cost: Unknown

Above:
Conceptual sketches
Right:
Ground Floor Design Plan
AutoCAD to Photoshop
Opposite page:
Council submission:
West Elevation, Short Section &
Ground Floor Plan
AutoCAD
Photographs:
View towards the Entrance
View towards the North Elevation





HOOD NAPIER ARCHITECTS

HOUSE NKOSI

sandown, jhb // 2014 - 2016

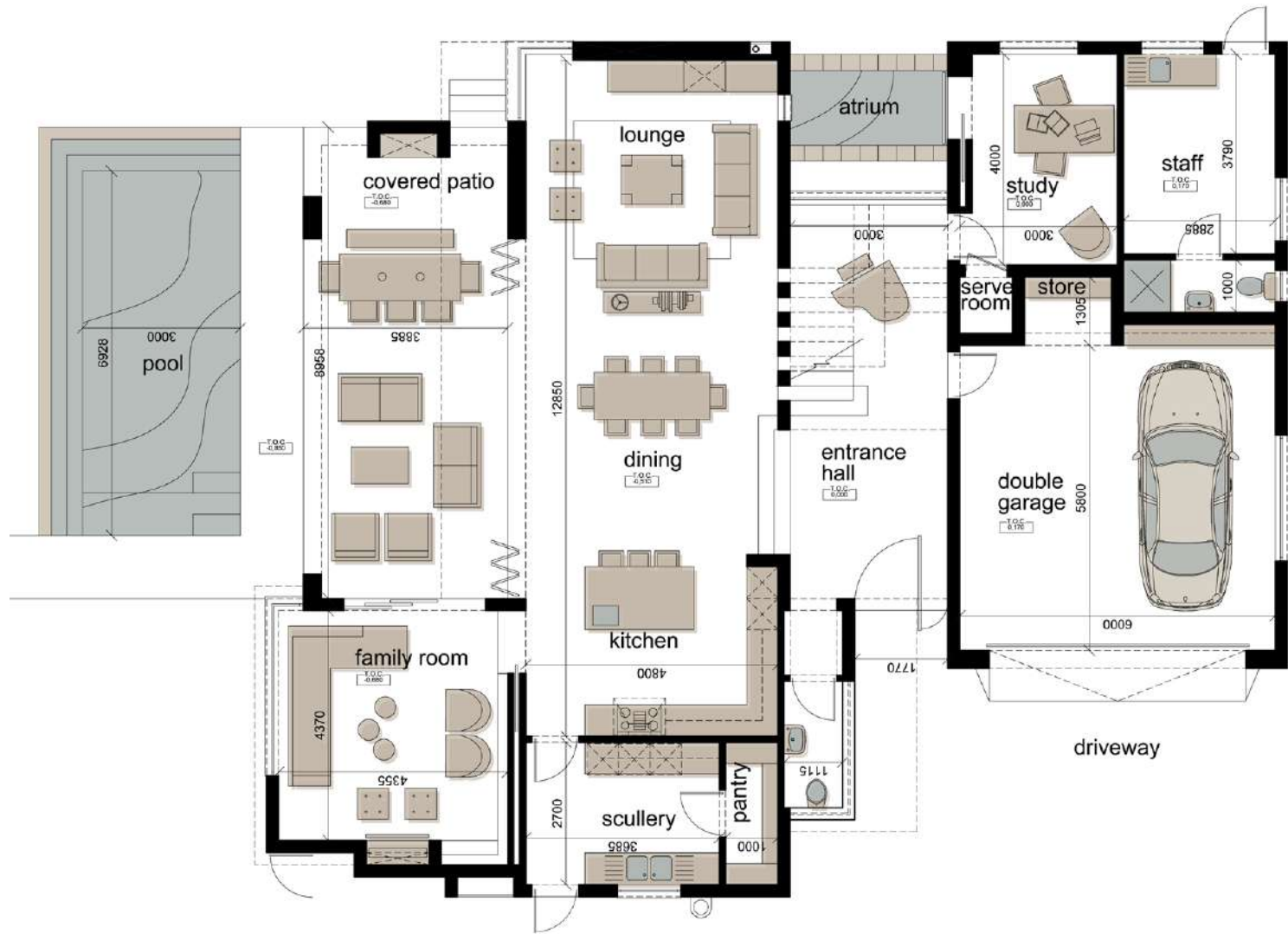
- + Client brief
- + Conceptual design / feasibility
- + Design development
- + Revit modelling & rendering
- + Client presentation
- + Technical documentation
- + Council submission
- + Project administration

Area: 460m²

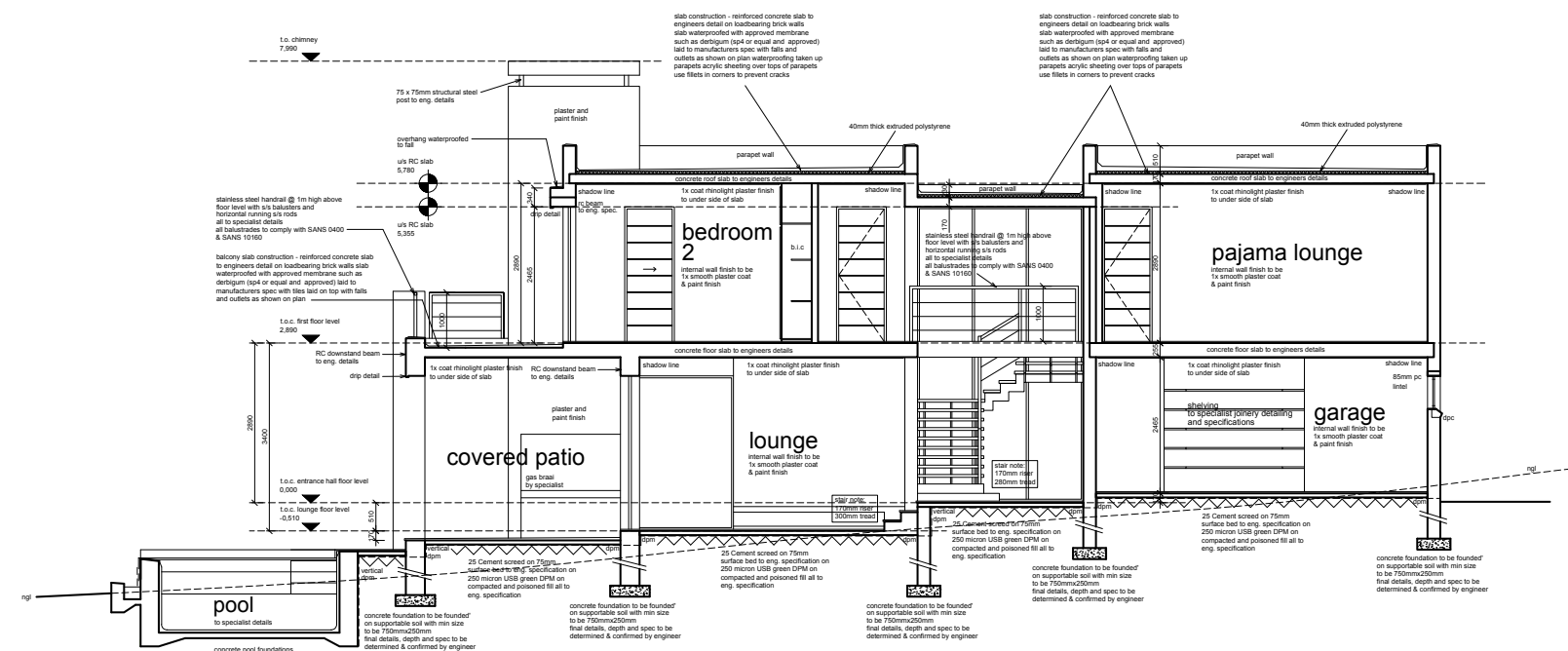
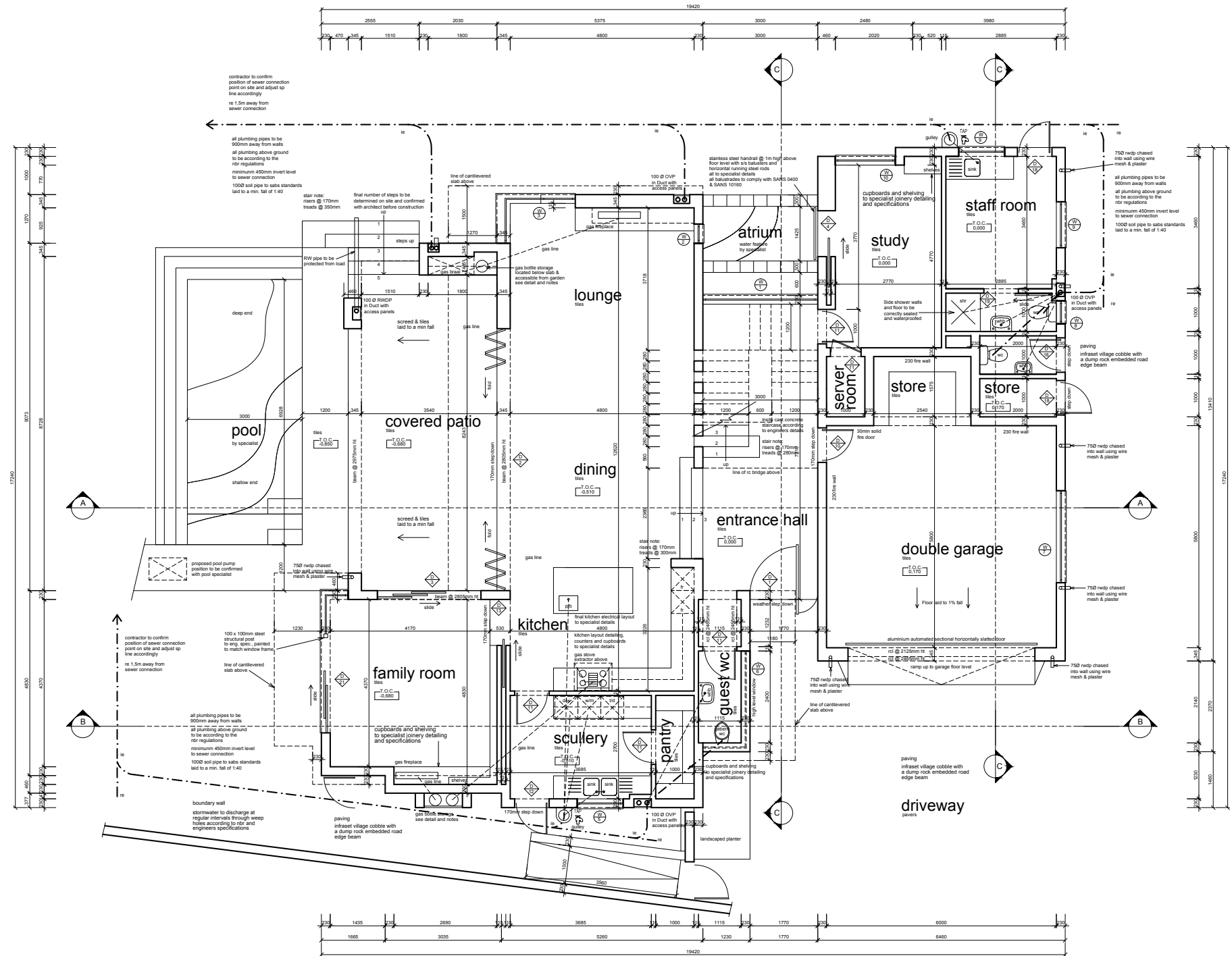
Work stages: 1-4

Cost: R5m

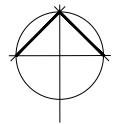
Opposite Page:
Client presentation renderings
Revit



Above:
Design development Ground Floor Plan
Autocad to Photoshop
Opposite page:
Technical Ground Floor Plan
Technical Section A-A
Revit



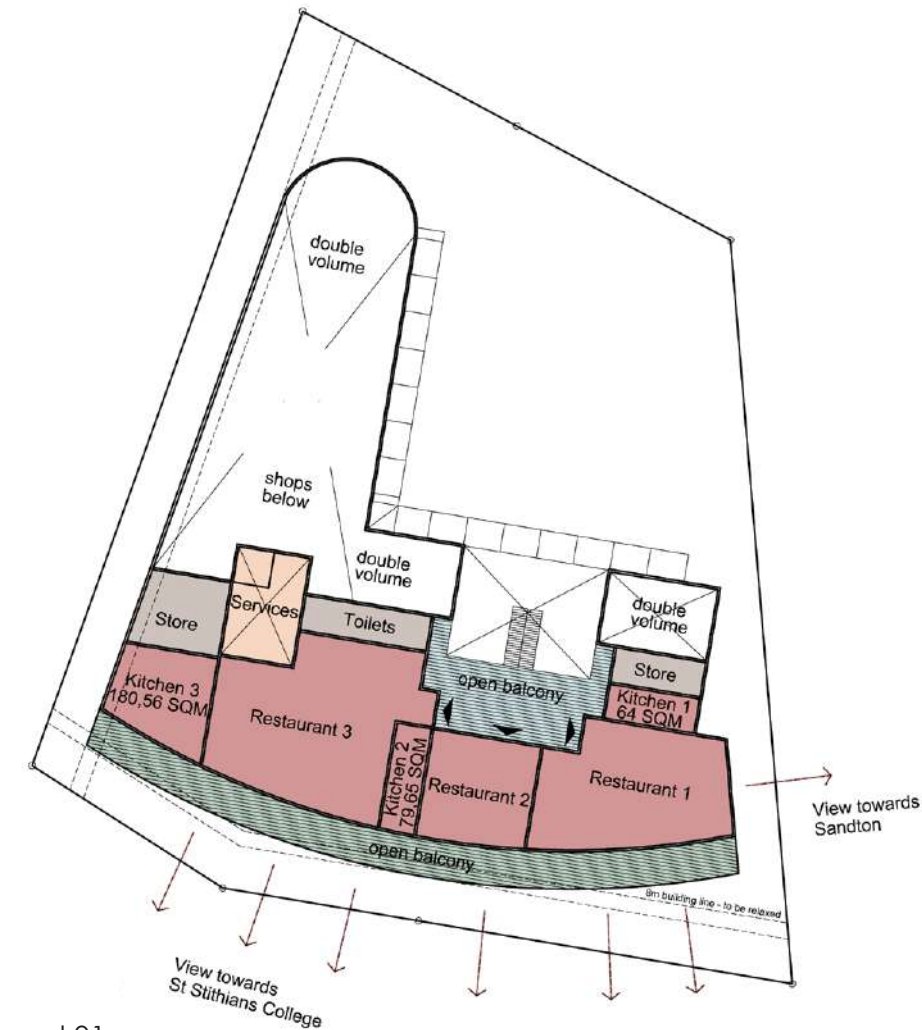
area	
BASEMENT	
Woolworths Store	257.00 Sq/m
sub total	257.00 Sq/m
GROUND FLOOR	
Woolworths Retail	1227.00 Sq/m
Line Shops	2327.00 Sq/m
Clicks	312.00 Sq/m
sub total (F.A.R. 1) (RENTABLE)	3866.00 Sq/m
Covered circulation	550.39 Sq/m
(Open air circulation)	296.68 Sq/m
Store / service passage	82.50 Sq/m
sub total	928.57 Sq/m
COVERAGE	1037.45 Sq/m
FIRST FLOOR	
Restaurants + kitchen (F.A.R. 2)	1532.00 Sq/m
Open balconies	648.00 Sq/m
sub total (RENTABLE)	2023.00 Sq/m
Services	157.58 Sq/m
Store	196.55 Sq/m
Toilets	92.74 Sq/m
Open air circulation	242.54 Sq/m
sub total	688.41 Sq/m
grand total	7762.98 Sq/m
site area	8999.89 Sq/m
allowable coverage 50%	actual coverage 50%
4499.94 Sq/m	4498.89 Sq/m
allowable F.A.R. 0.6	actual F.A.R. 0.6
5399.93 Sq/m	5398.00 Sq/m
parking 332 bays	actual parking 338 bays
retail - 6/100 - 232 bays	
restaurant - 8/100 - 97 bays	
store - 1/100 - 3 bays	



Level -01



Level 00



Level 01



Site Panoramic

PETER PLACE SHOPPING CENTRE

bryanston, jhb // 2014

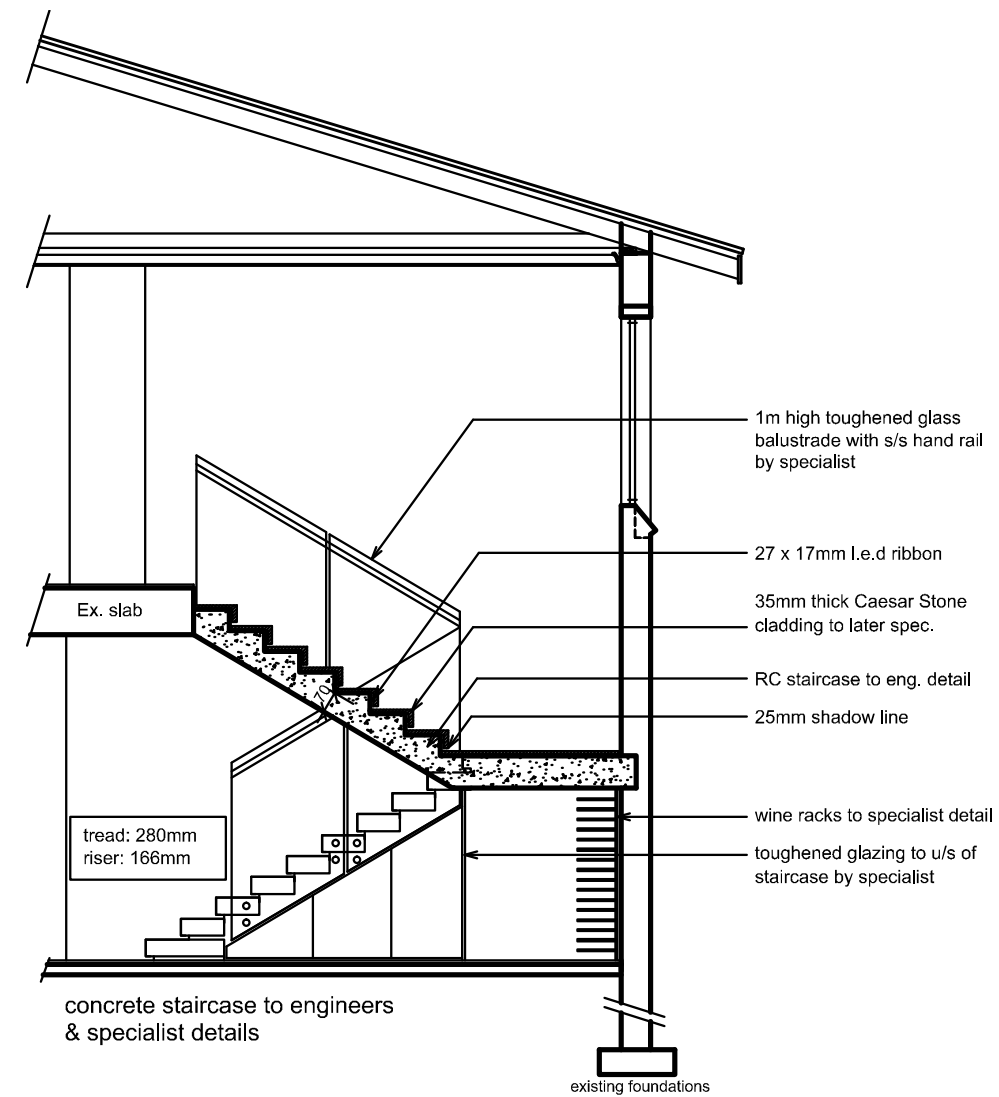
- + Client brief
- + Design concept
- + Area schedules
- + Diagrams in Photoshop
- + Client presentation

Area: 7,760m²

Work stage: 2

Cost: R65m

AutoCAD to Photoshop



HOUSE HENKEL

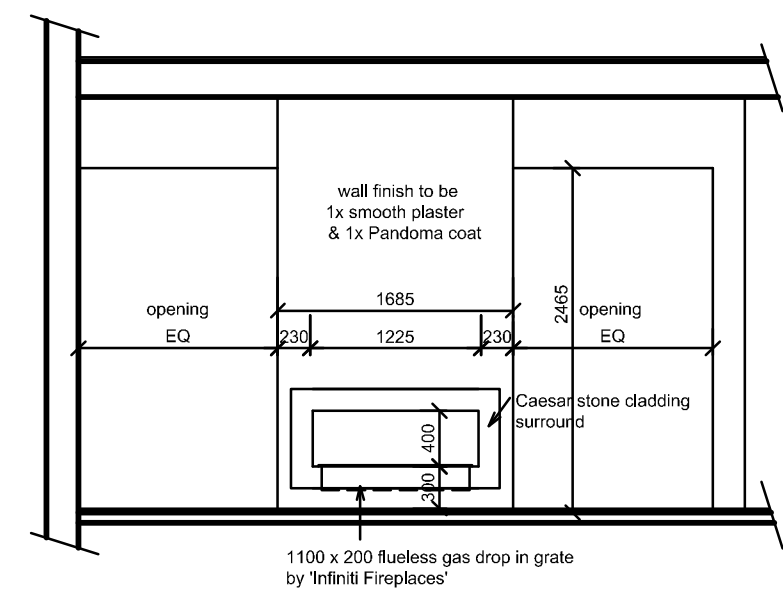
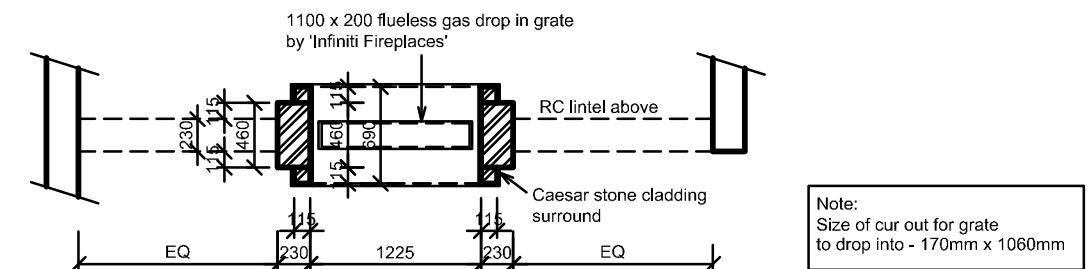
fourways, jhb // 2013 - 2014

- + Council submission
- + Technical details
- + Bathroom details in Revit
- + Electrical layouts
- + Tiling layouts
- + Project management
- + Regular site meetings with clients & contractors

Area: 650m²

Work stages: 4 & 5

Cost: R4,2m



Above:

Section through staircase

Middle:

Fireplace detail in plan

Below:

Fireplace detail in elevation

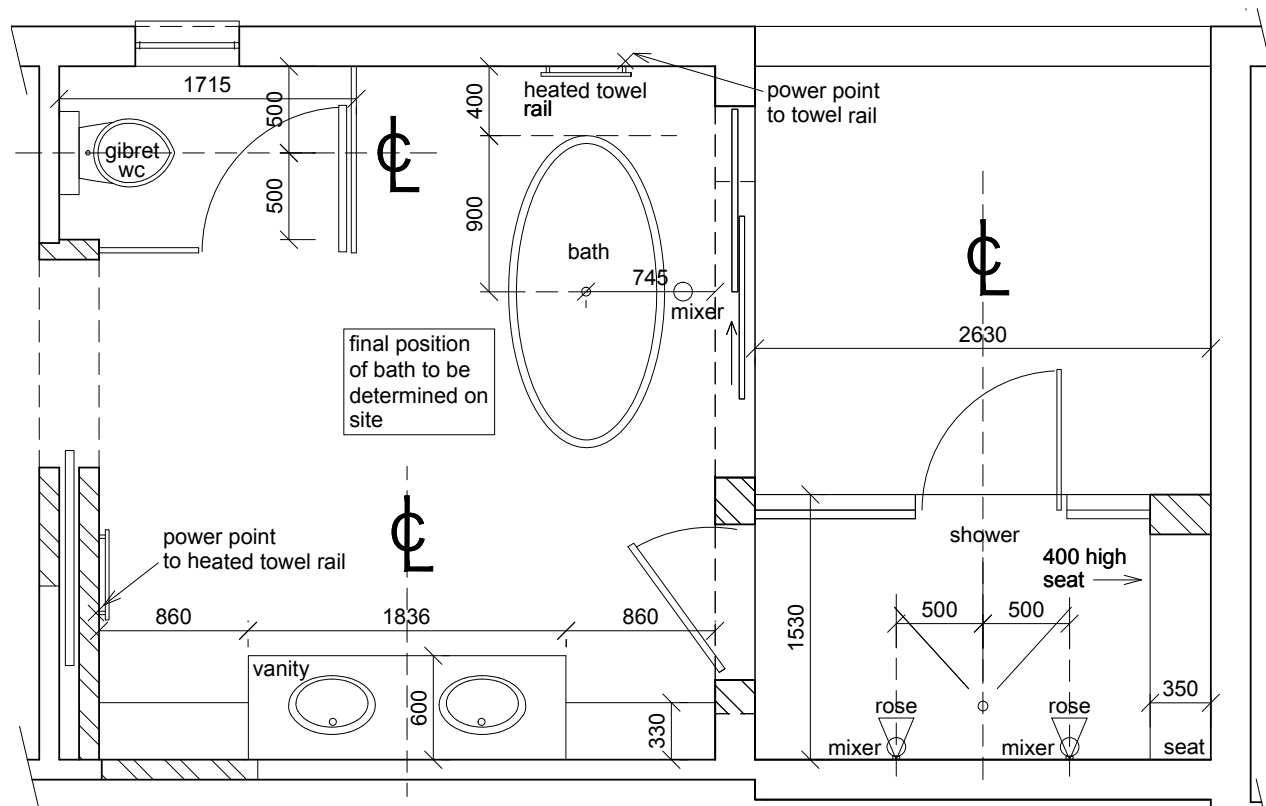
AutoCAD

Opposite page:

Photographs tracking construction

progress on site

Photographs by Kier Bothwell



Main bathroom en-suite design renderings
& sanitary ware layout
Revit & AutoCAD



CLUB HOUSE

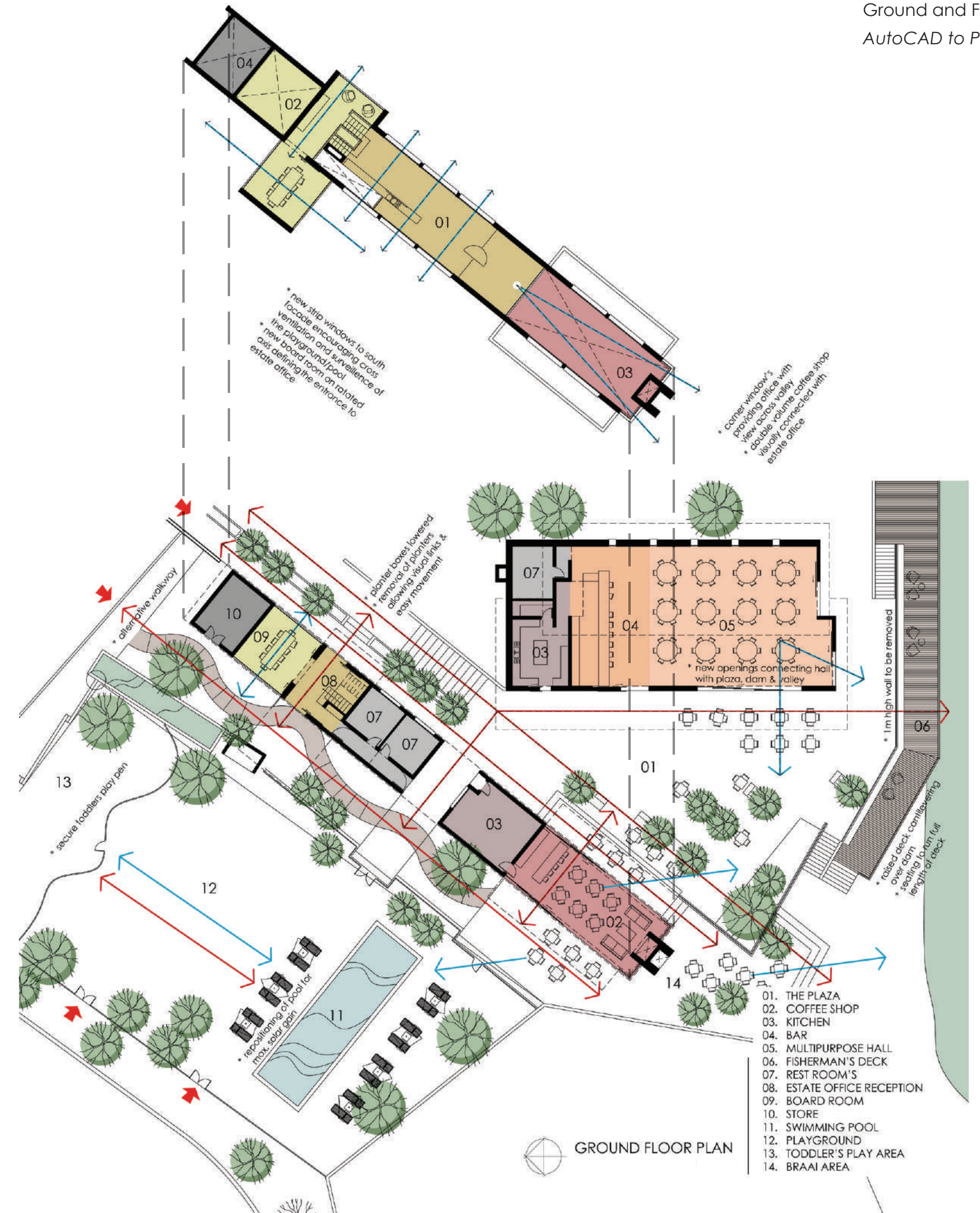
cedar creek, jhb // 2014

- + Client brief
- + Site study
- + Concept design & feasibility
- + Revit to Photoshop
- + Diagrammatic representation
- + Graphical presentation for client

Area: 900m²
Work stages: 1 & 2
Cost: Unknown



Ground and First Floor Plan
AutoCAD to Photoshop





Photographs tracking progress on site
Photographs by Kier Bothwell

SANDTON OFFICE

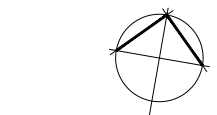
sandton, jhb // 2009 - 2011

- + Technical documentation
- + Water feature, window sill, boundary wall & sign board detailing
- + Weekly site meetings
- + Regular client/tenant meetings
- + Water feature detailing
- + Project management
- + Site inspections & snagging

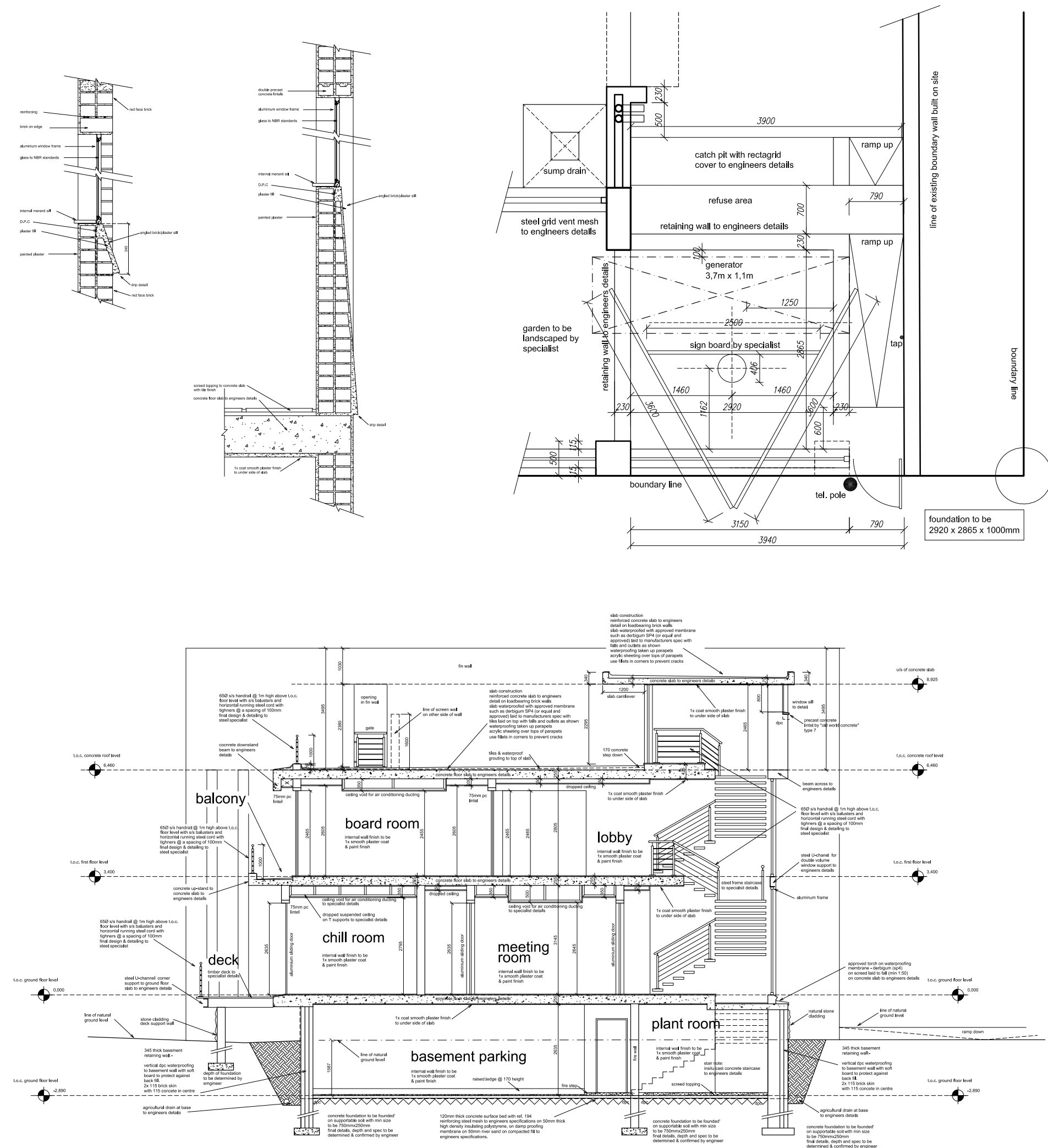
Area: 900m²

Work stages: 4-6

Cost: Unknown



AutoCAD



HOUSE MKHARI

bryanston, jhb // 2010 - 2011

- + Daily on-site project management
- + Technical detailing
- + Bathroom details / tile layouts
- + Weekly client / subcontractor meetings
- + Quality control & snagging
- + Handover & closeout

Area: 930m²

Work stages: 4-6

Cost: R9,5m

Photographs by Kier Bothwell



EDUCATIONAL EXPERIENCE

ROTTEN POTATOES

Redefining Perceptions and Integrating the
Police Station in City and Suburban

master of architecture (professional)
design & theory dissertation
city & suburban, jhb // 2013

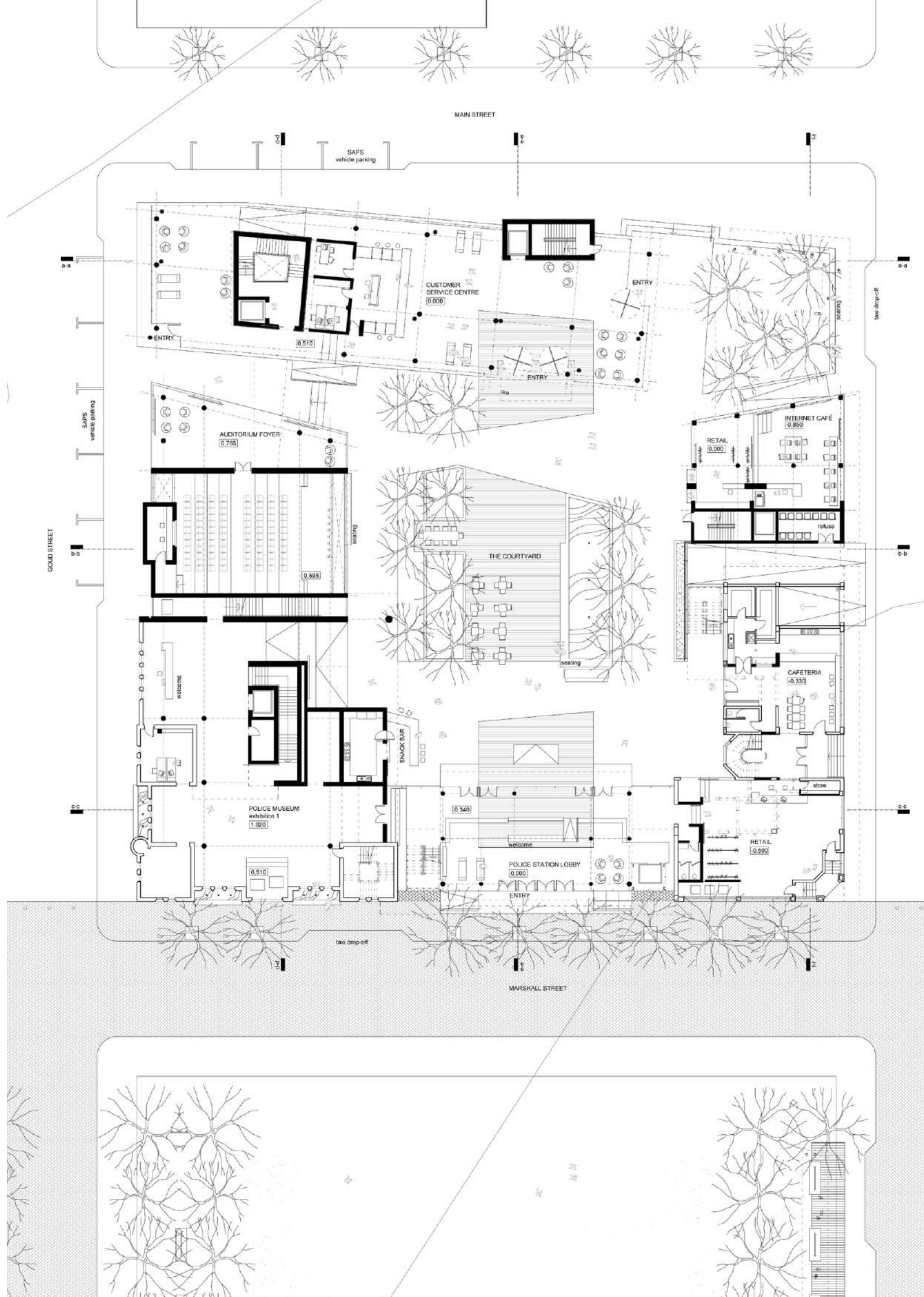
The dissertation proposes a hybrid Police Station which comprises a police museum and library, located in the historical *Three Castles Cigarette Factory*, a lecture hall, retail space, a youth zone, police dormitory in the former *Nugget Hotel* and a public square. Through this diverse programmatic approach and careful design considerations for the police's specific requirements to operate, hierarchies of circulation, the celebration of old and new, materials inspired by the context, use of light and shadow, water and sound, vegetation and visual connections, this new Police Station challenges negative perceptions associated with policing in South Africa and begins to integrate the people and the state's strong-arm of power; redefining perceptions from the past.

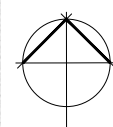
Please follow link for complete thesis:

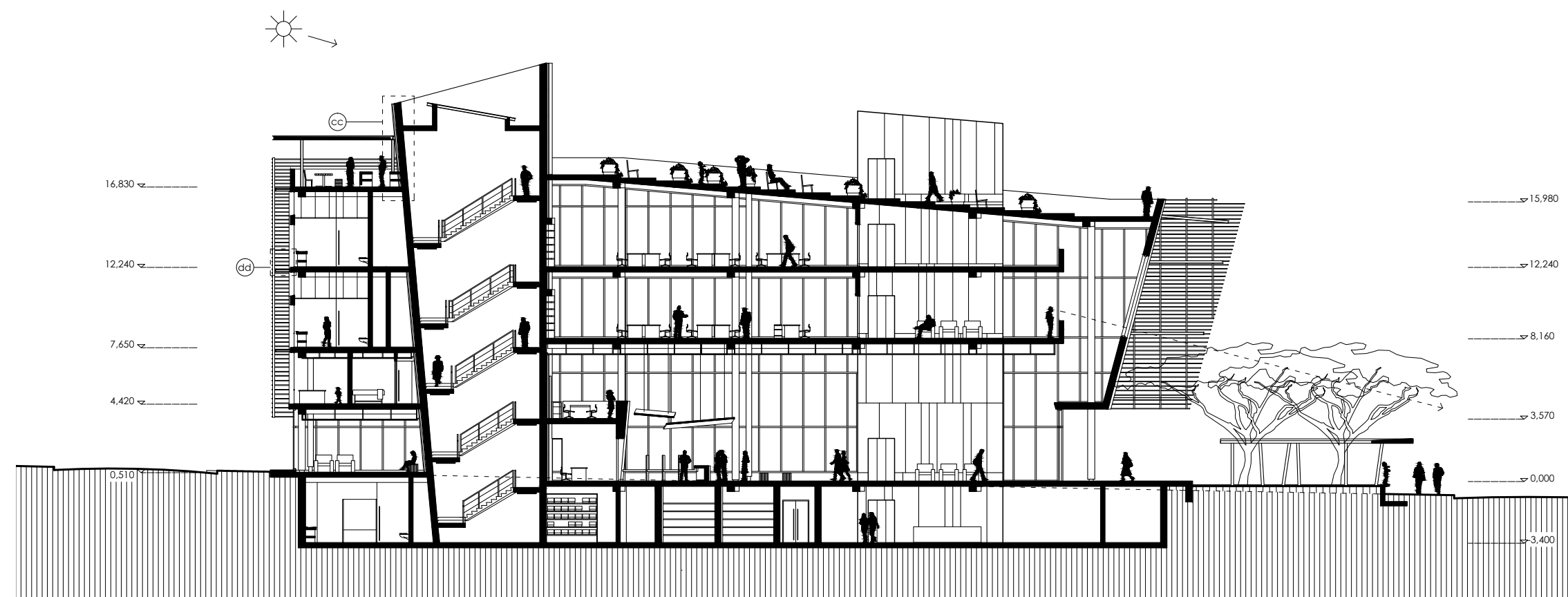
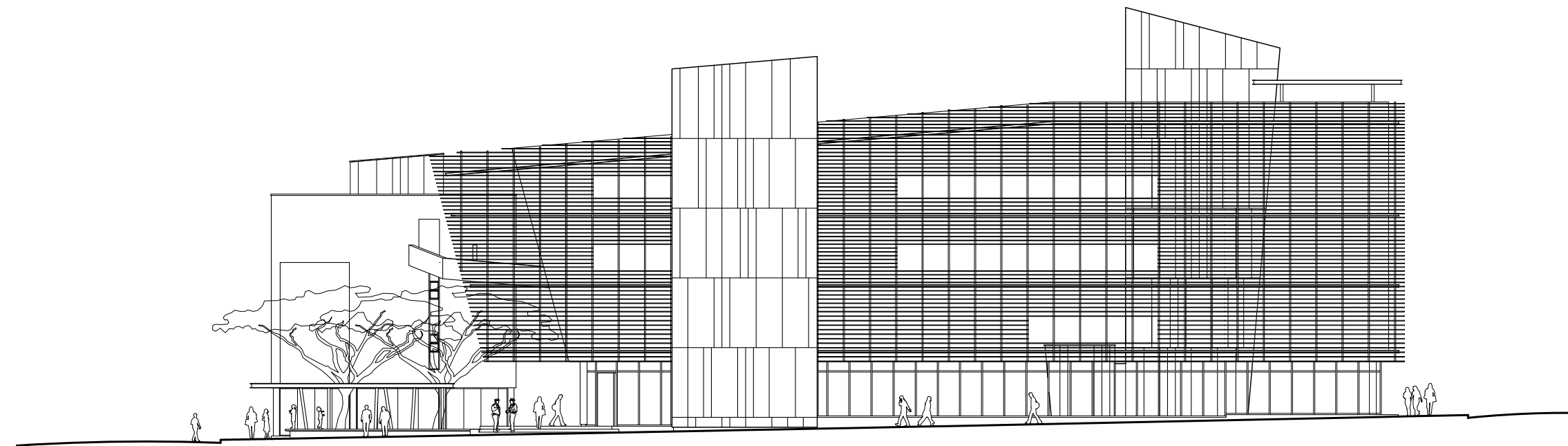
http://issuu.com/kierbothwell/docs/kier_c._bothwell_-_rotten_potatoes_



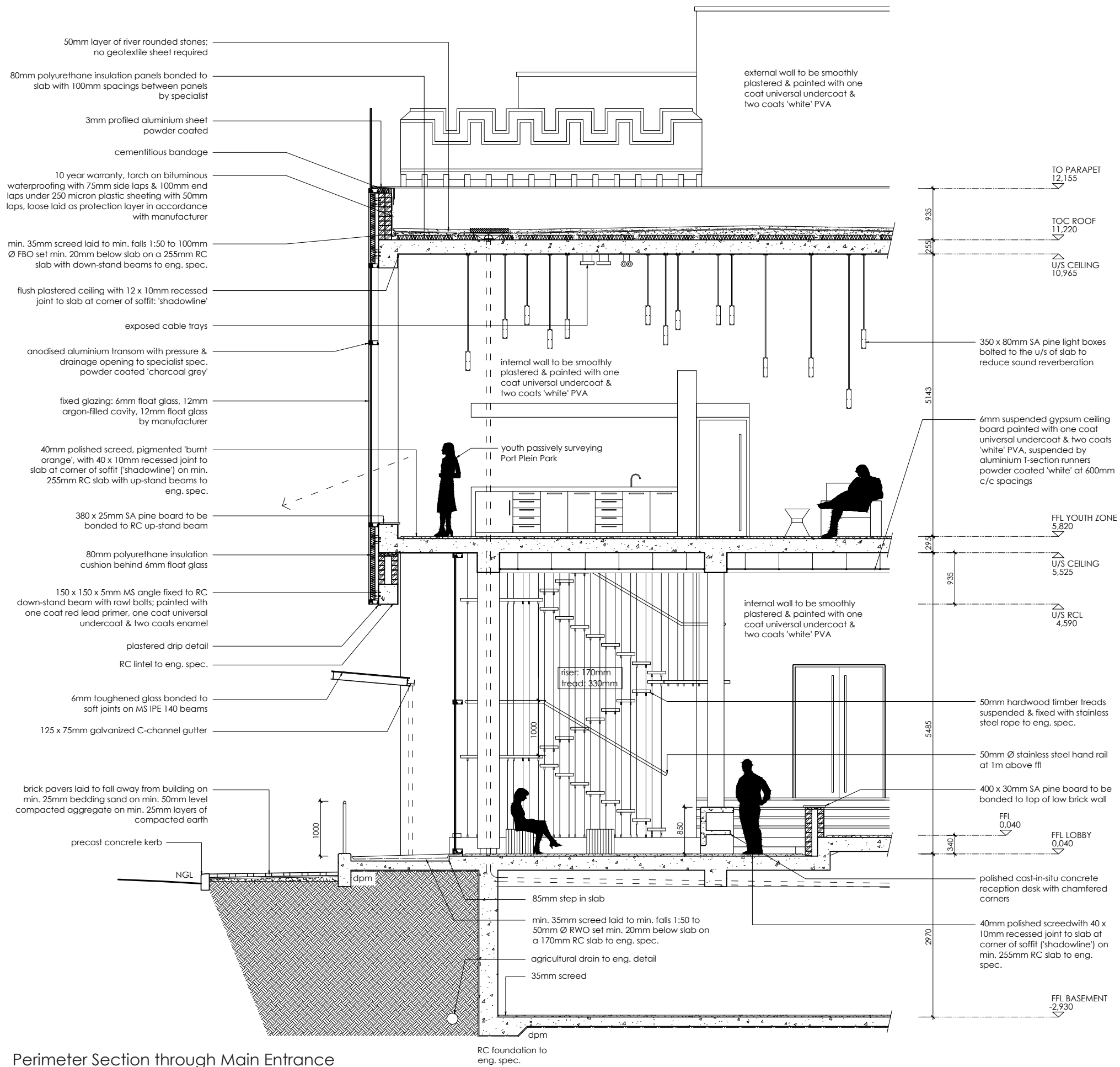
Towards the *Three Castles Cigarette Factory*
and the Police Station's Main Entrance
Revit to Photoshop




 Ground Floor Plan
 AutoCAD

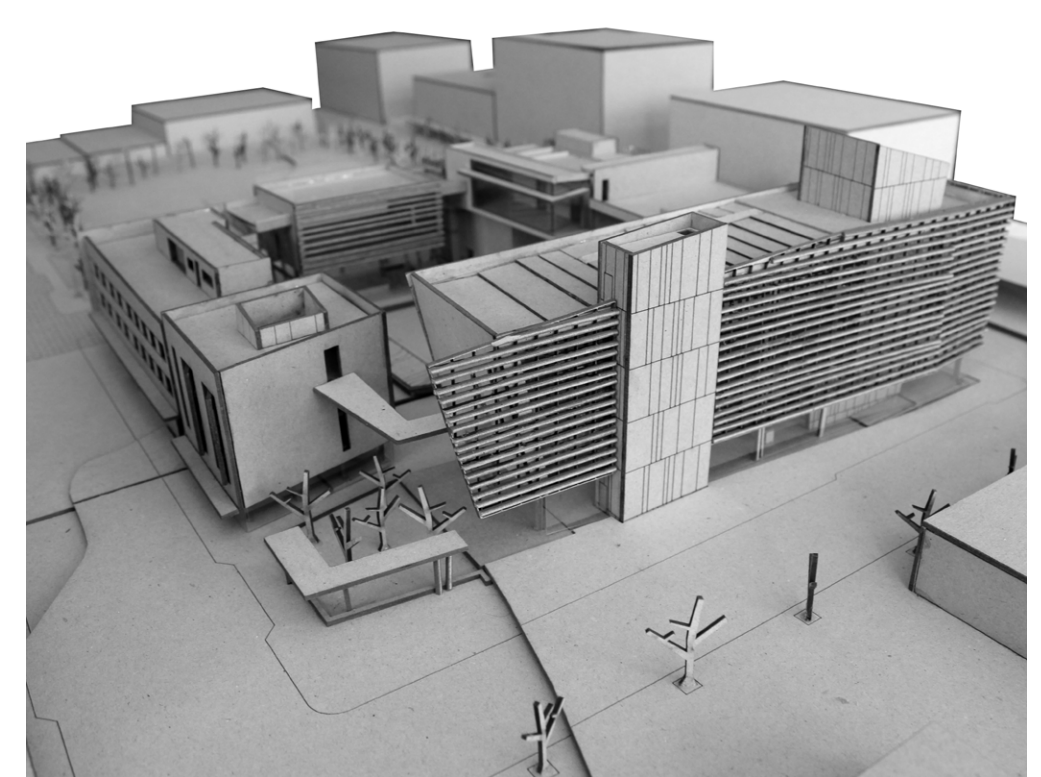


Top of page:
 North Elevation
 Above:
 Longitudinal Section through Police Station
 AutoCAD



Perimeter Section through Main Entrance

AutoCAD



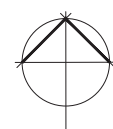


MAGISTRATES COURT

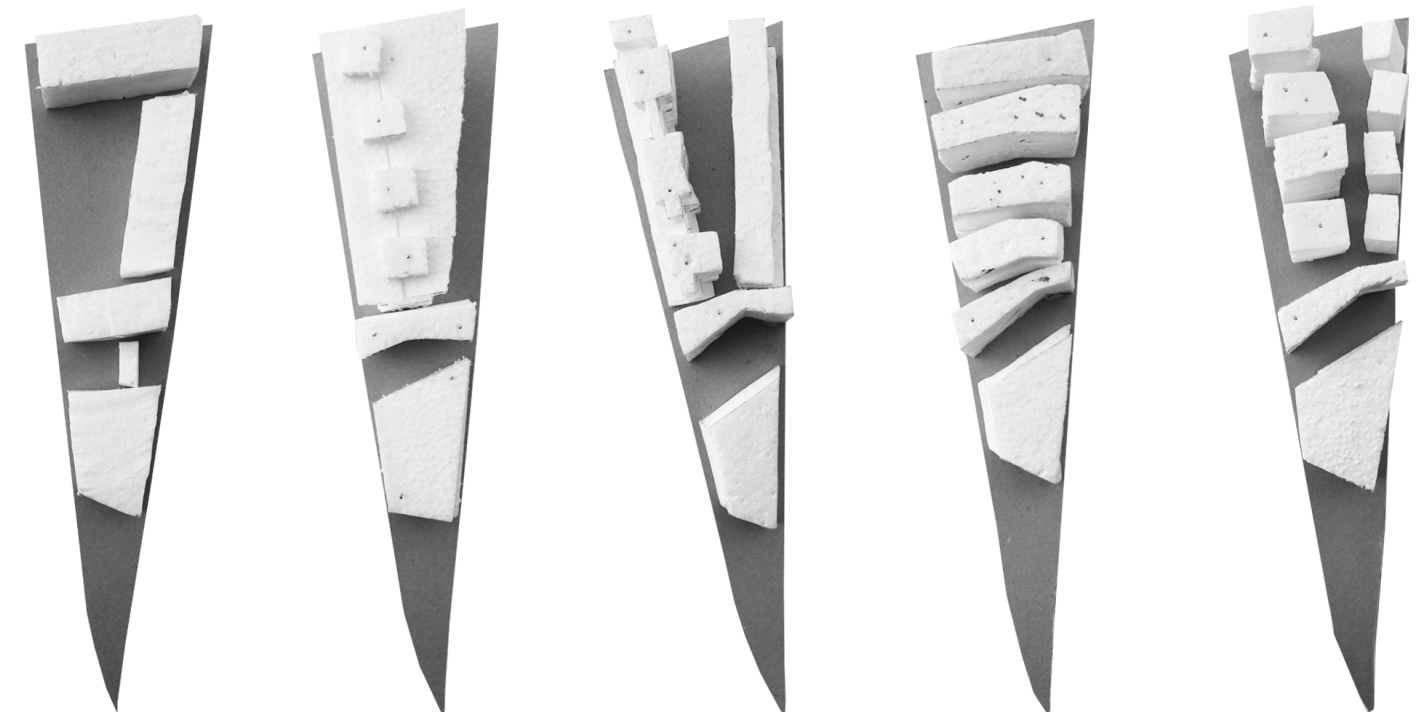
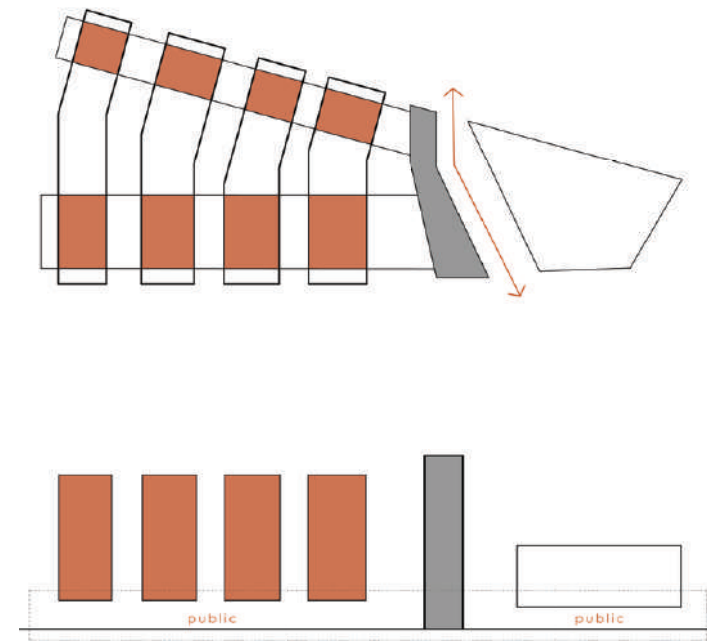
bas honours design studio
randburg cbd, jhb // october 2012

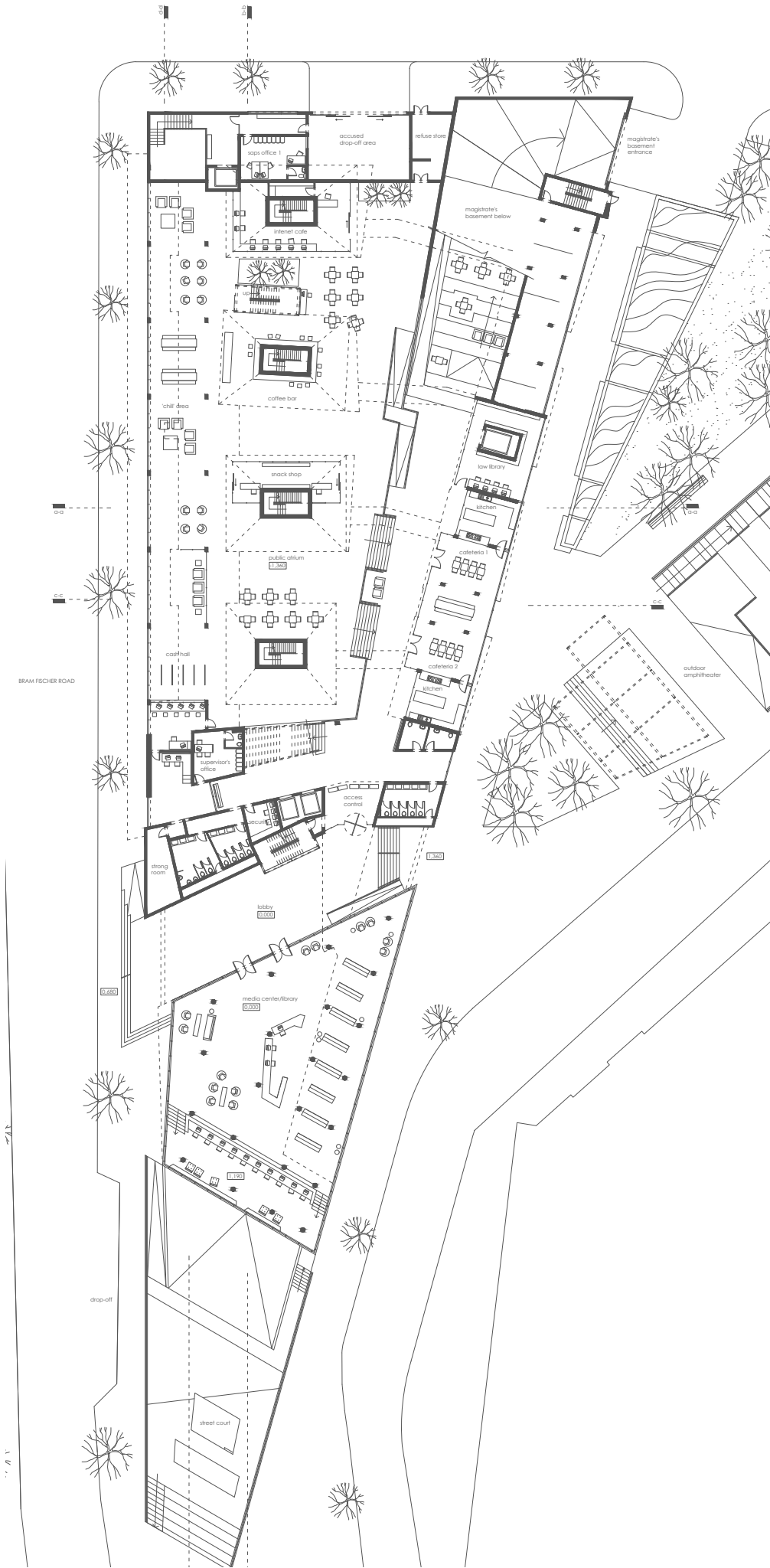
Since the end of Apartheid the identity of public service buildings has not significantly changed. As a result, the people are unable to identify with the state and vice versa.

The Magistrates Court proposed stands in opposition to the courts which exist across the South African landscape today. Celebrating transparency, movement and light, this Court building is an extension of the street domain, encouraging the people to partake in the judicial system by which their lives are governed.



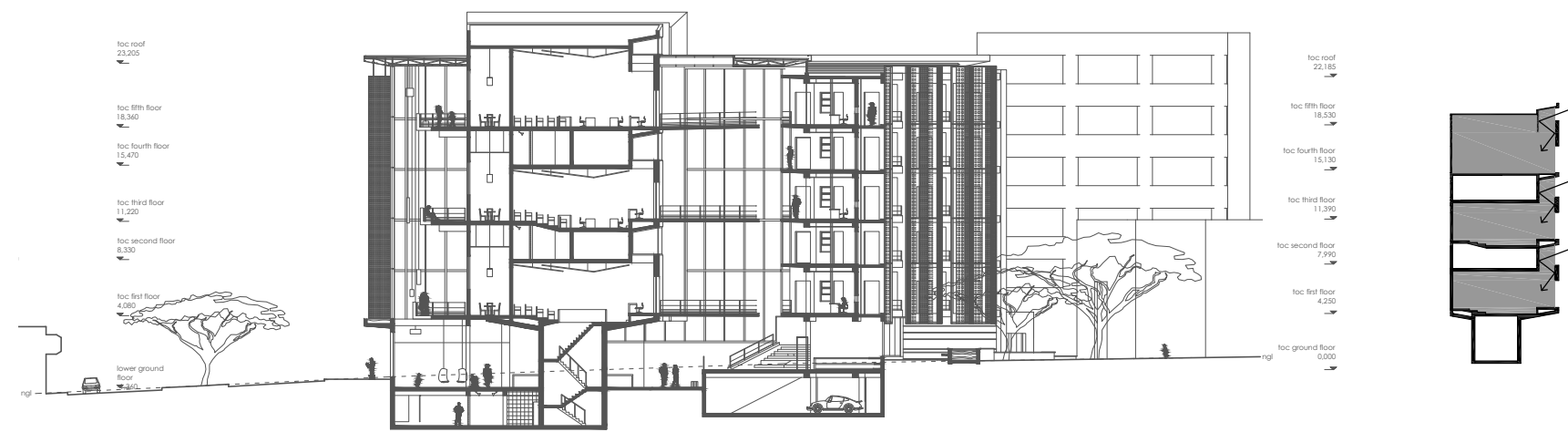
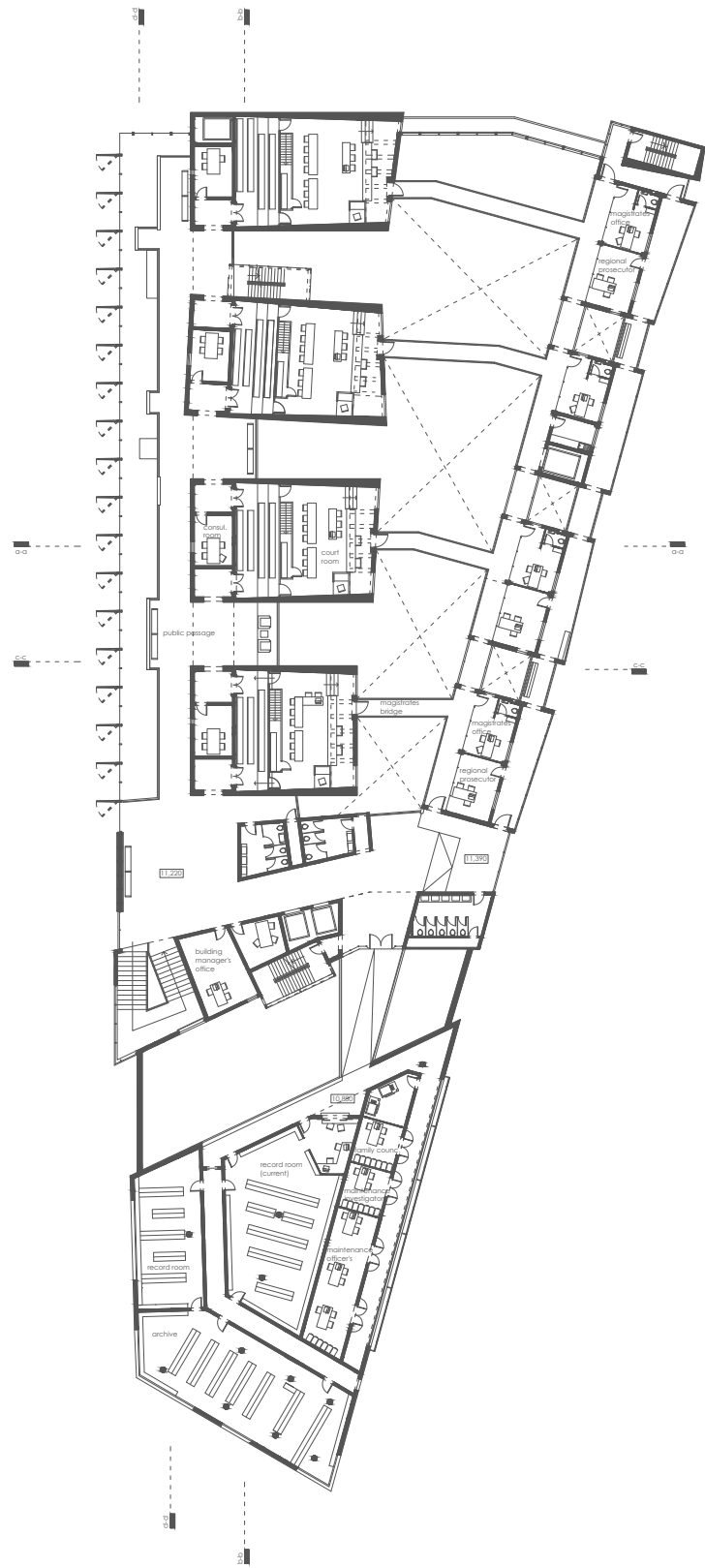
Left:
Site Plan *AutoCAD*
Opposite page:
Concept Diagrams *Photoshop*
Concept Model *Hardwood Timbers*
Working Concept Models *Polystyrene*



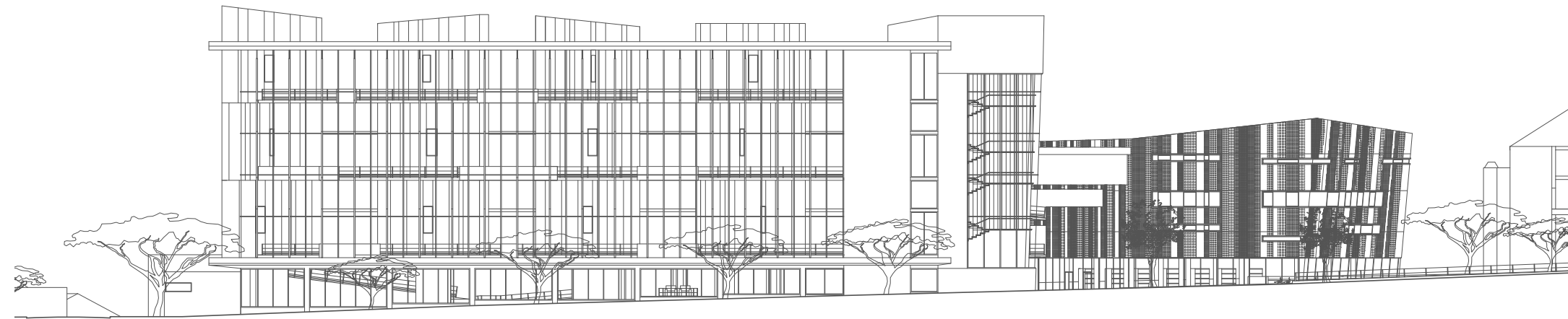


Ground Floor Plan (left)

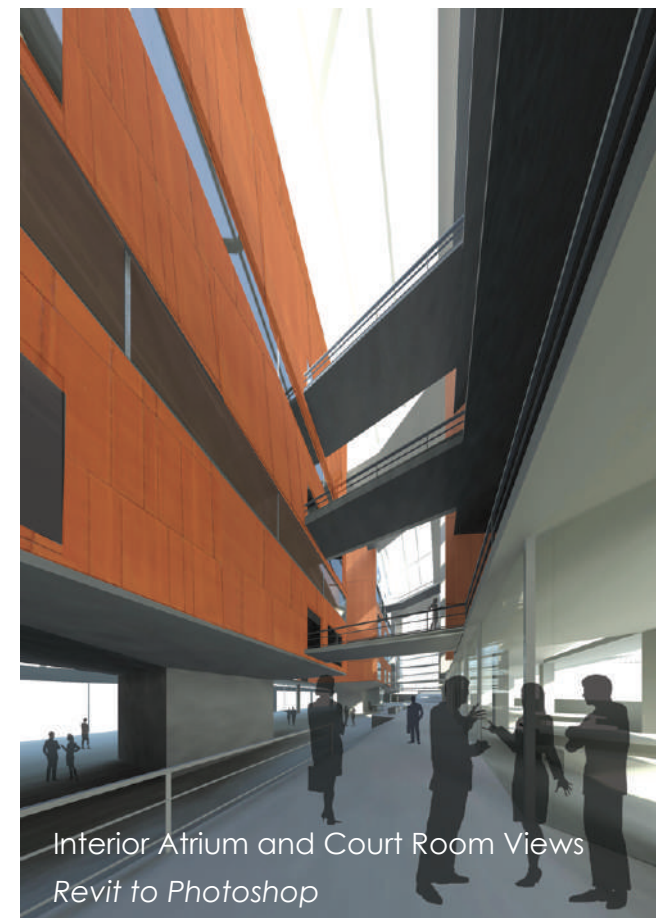
Third Floor Plan (above)



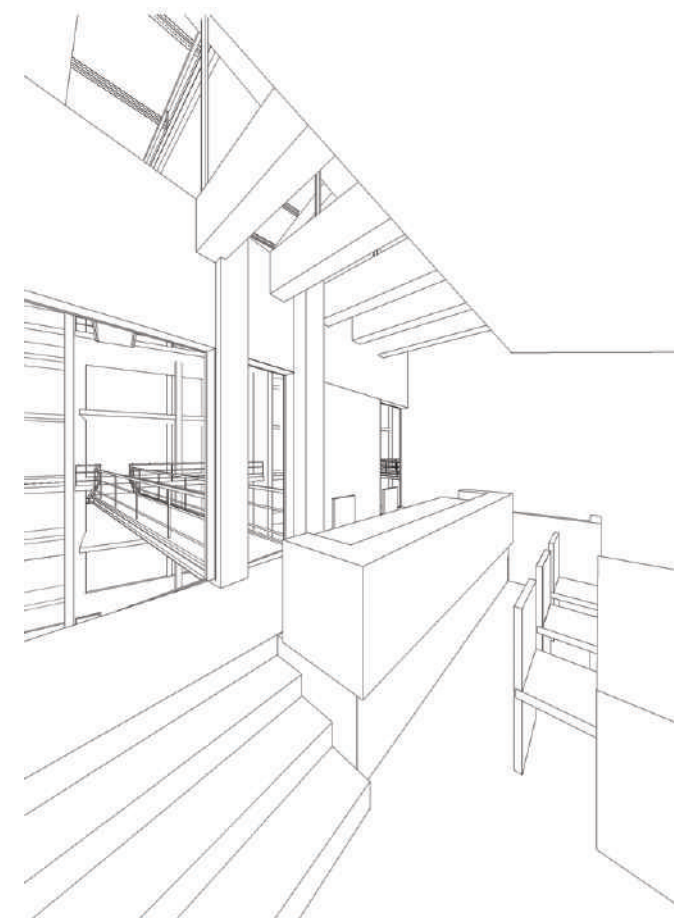
Cross Section through Court Rooms

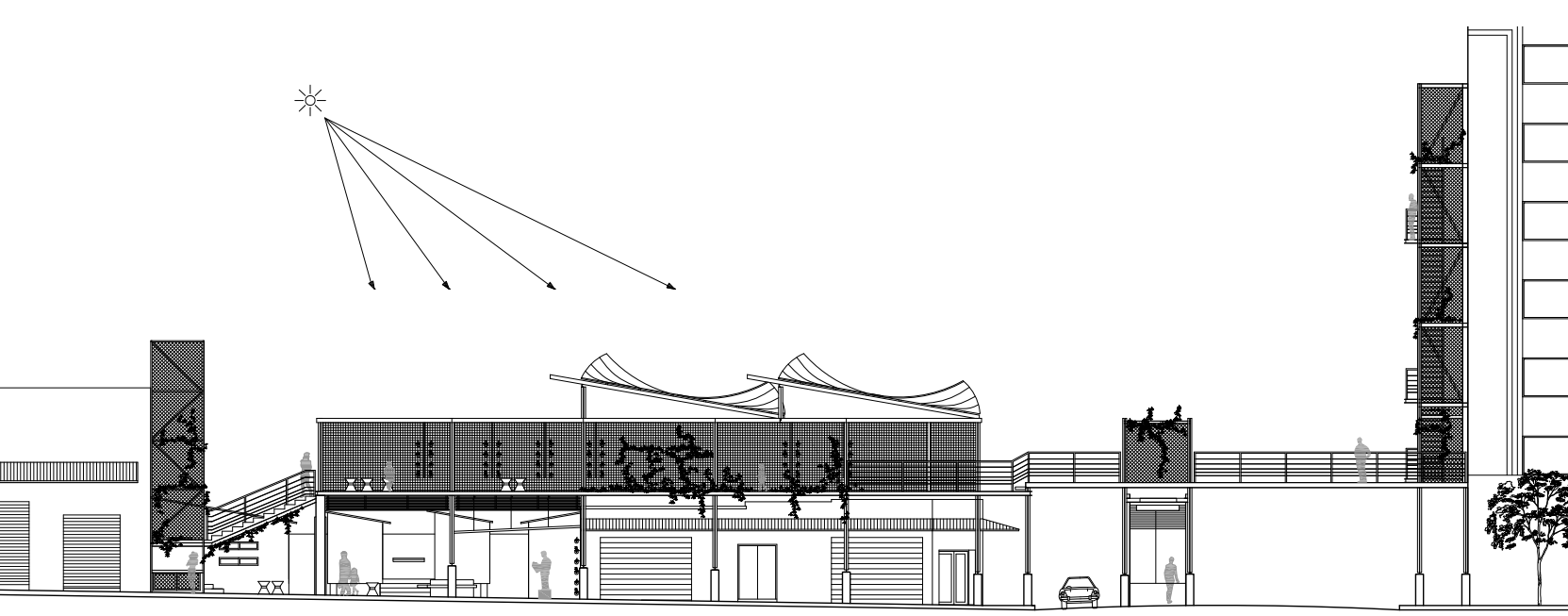
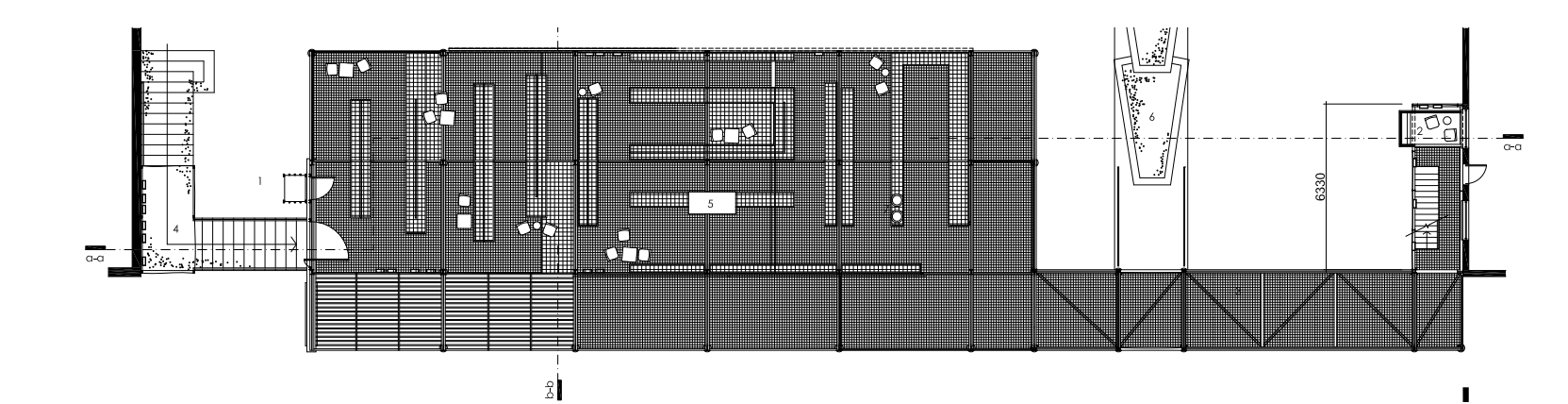
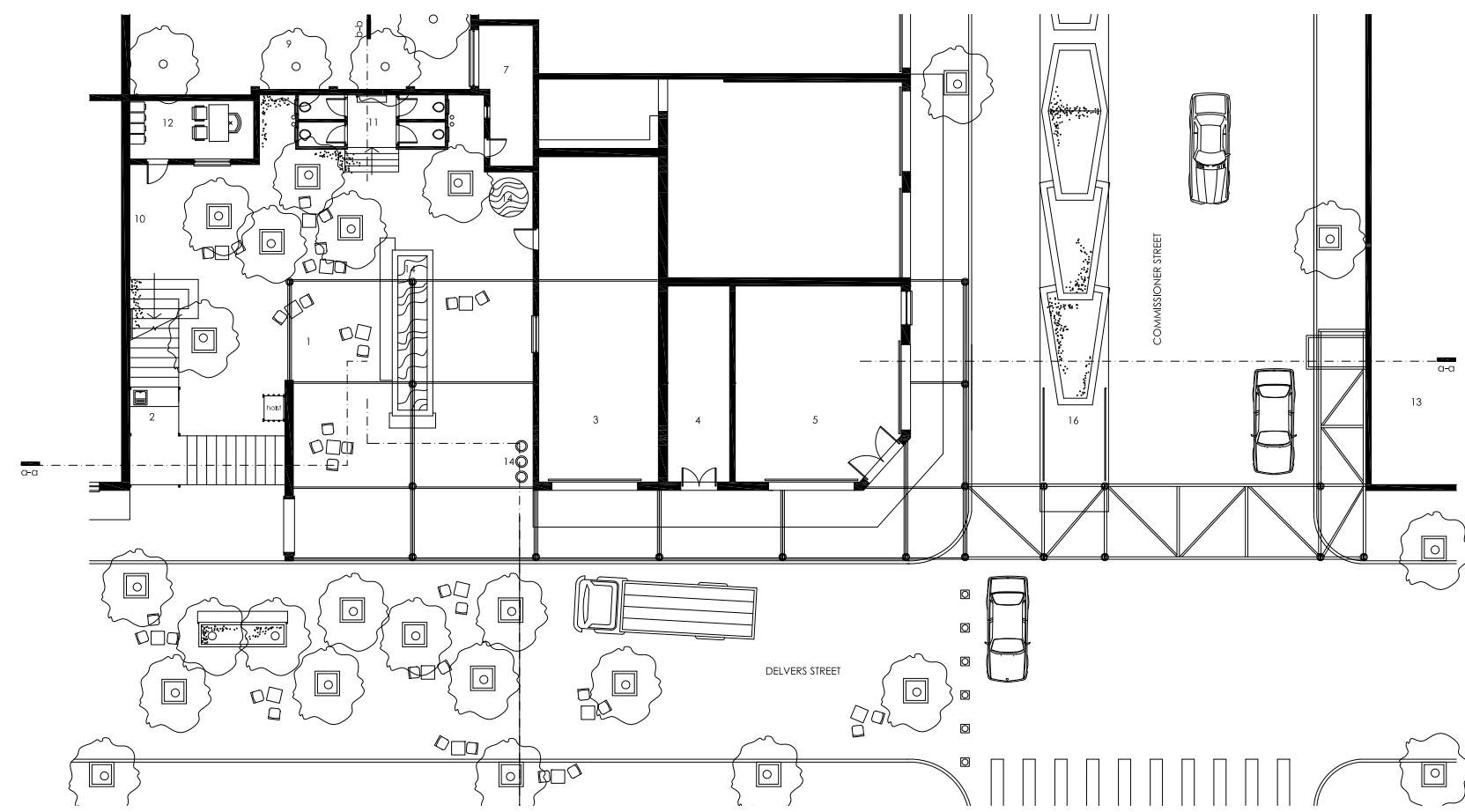


West Elevation



Interior Atrium and Court Room Views
Revit to Photoshop



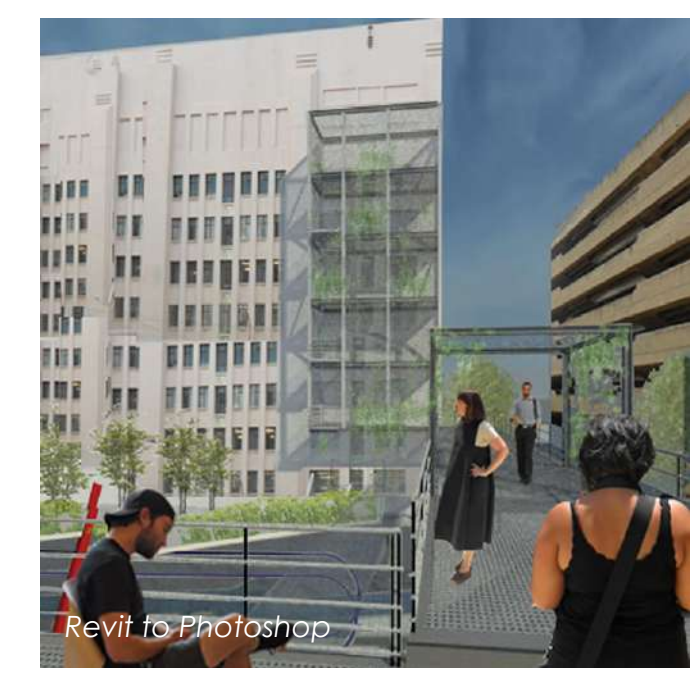
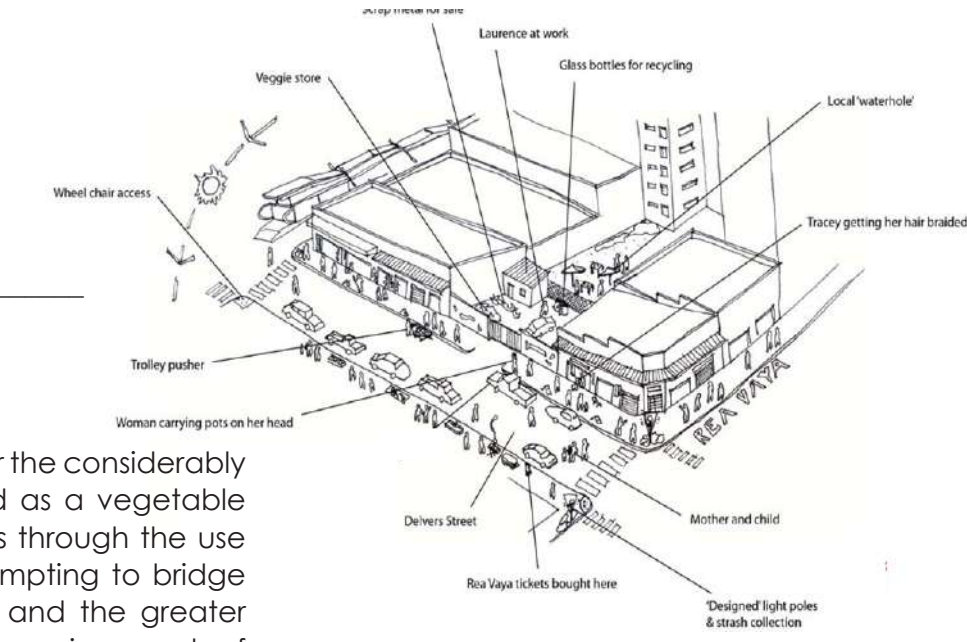


DELVERS STREET INTERVENTION

A Inner City Vegetable Nursery

bas honours design studio elective
johannesburg cbd // march 2012

Delvers Street is a melting pot within the Johannesburg inner city, recognised for the considerably varying social conditions across the four districts which define it. Conceived as a vegetable nursery, the steel structure supports the sustainable production of vegetables through the use of recycled Coca-Cola bottles, rain water harvesting, and education. Attempting to bridge the divides between diverse groups of people who occupy Delvers Street and the greater Johannesburg inner city, the structure allows for the nursery to adapt to the changing needs of the city's dwellers and in particular those of the informal vegetable traders.

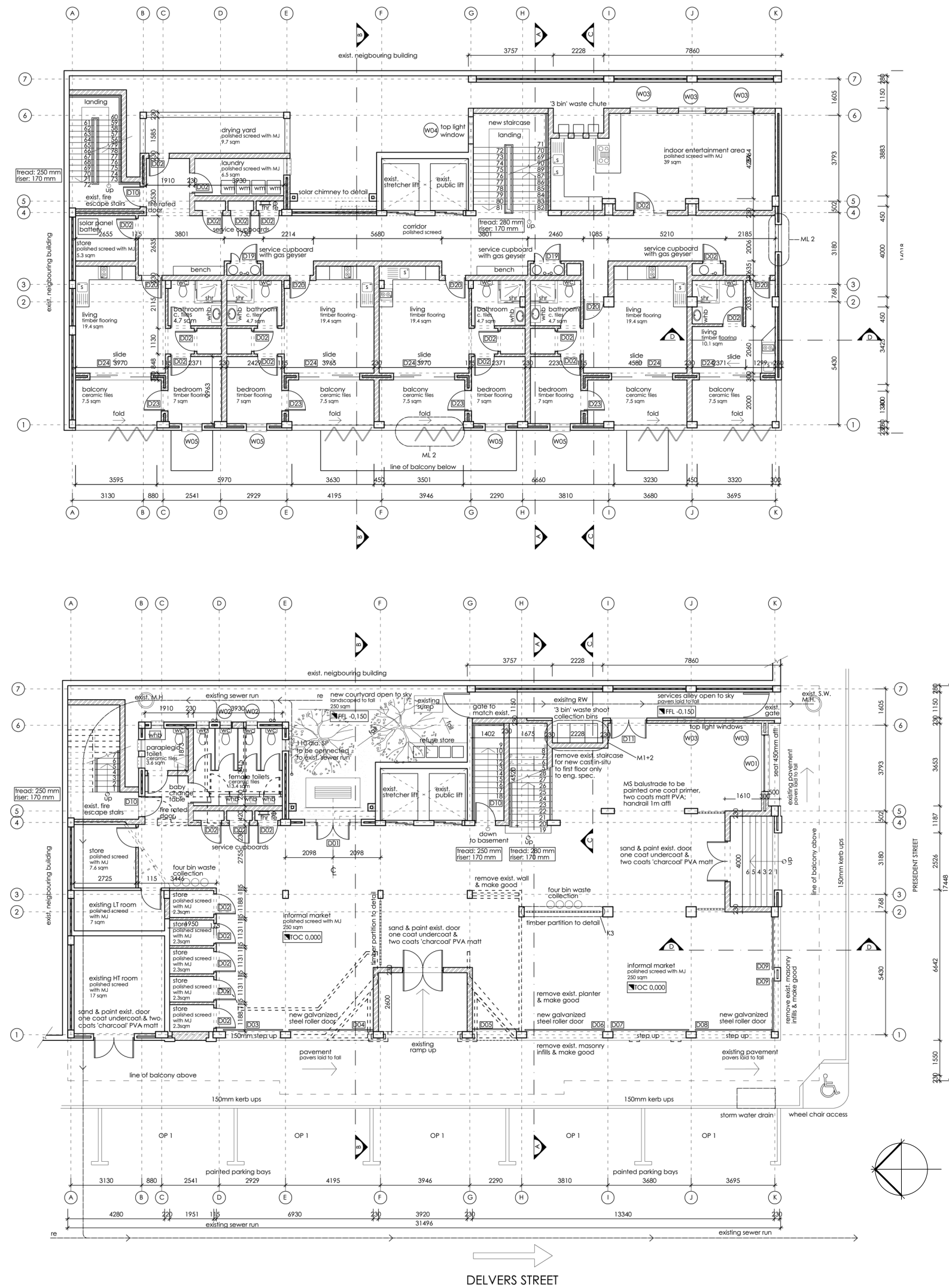


Hand drawn site observation (above)

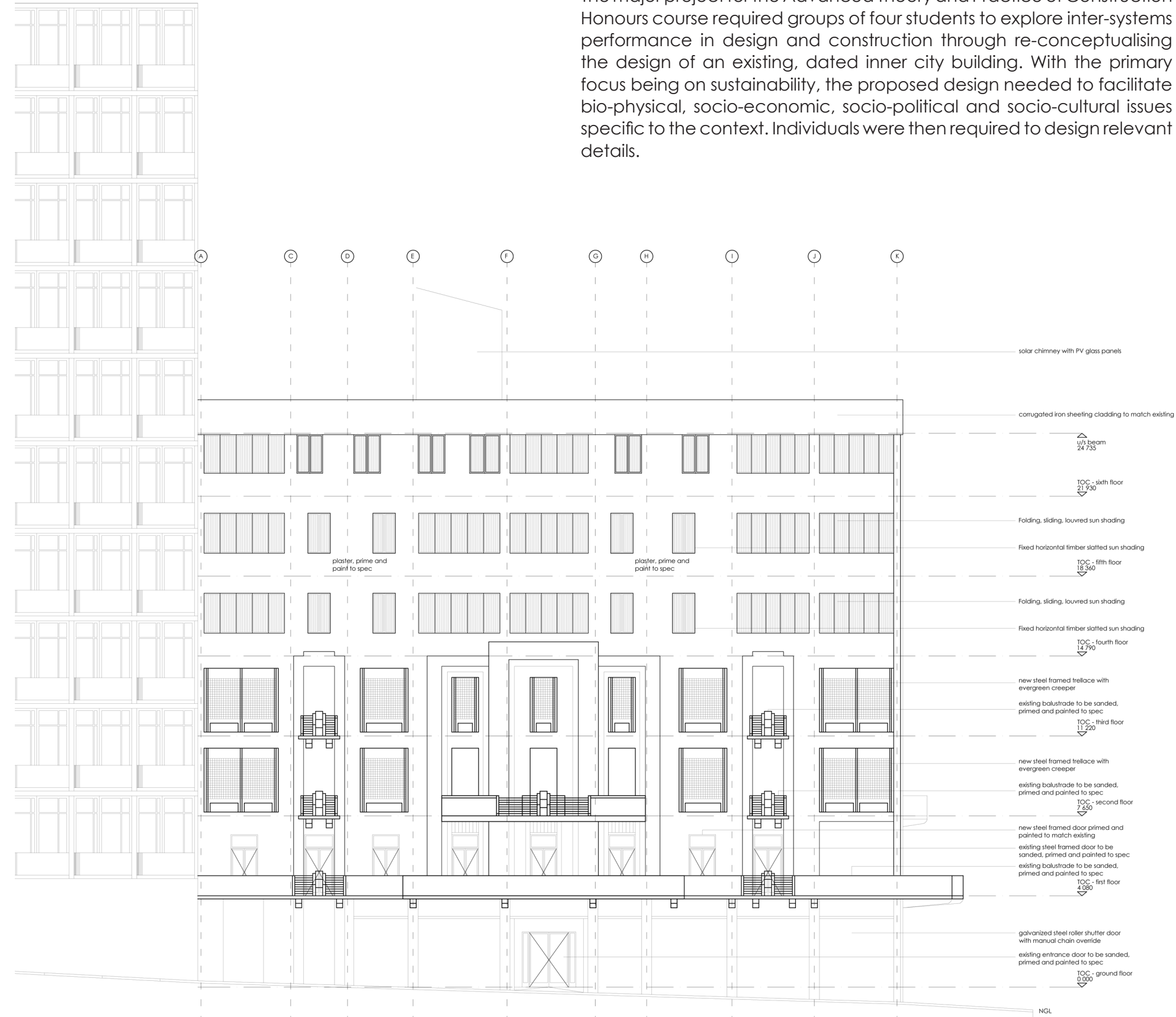
CONSTRUCTION

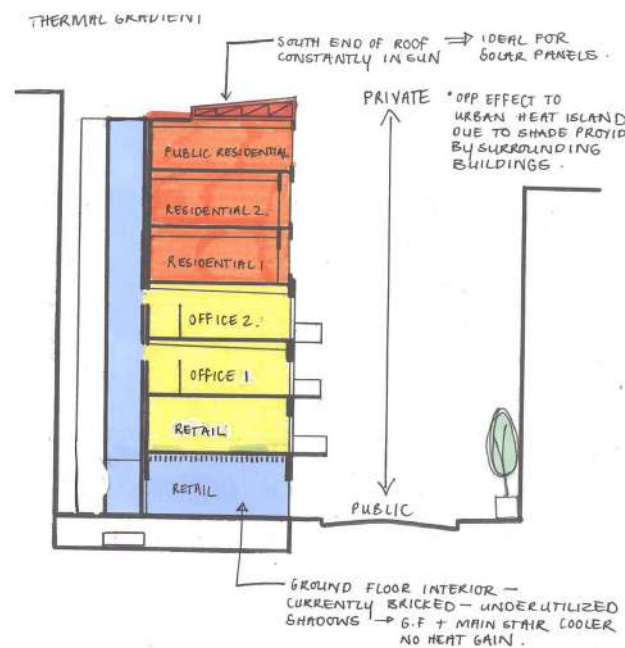
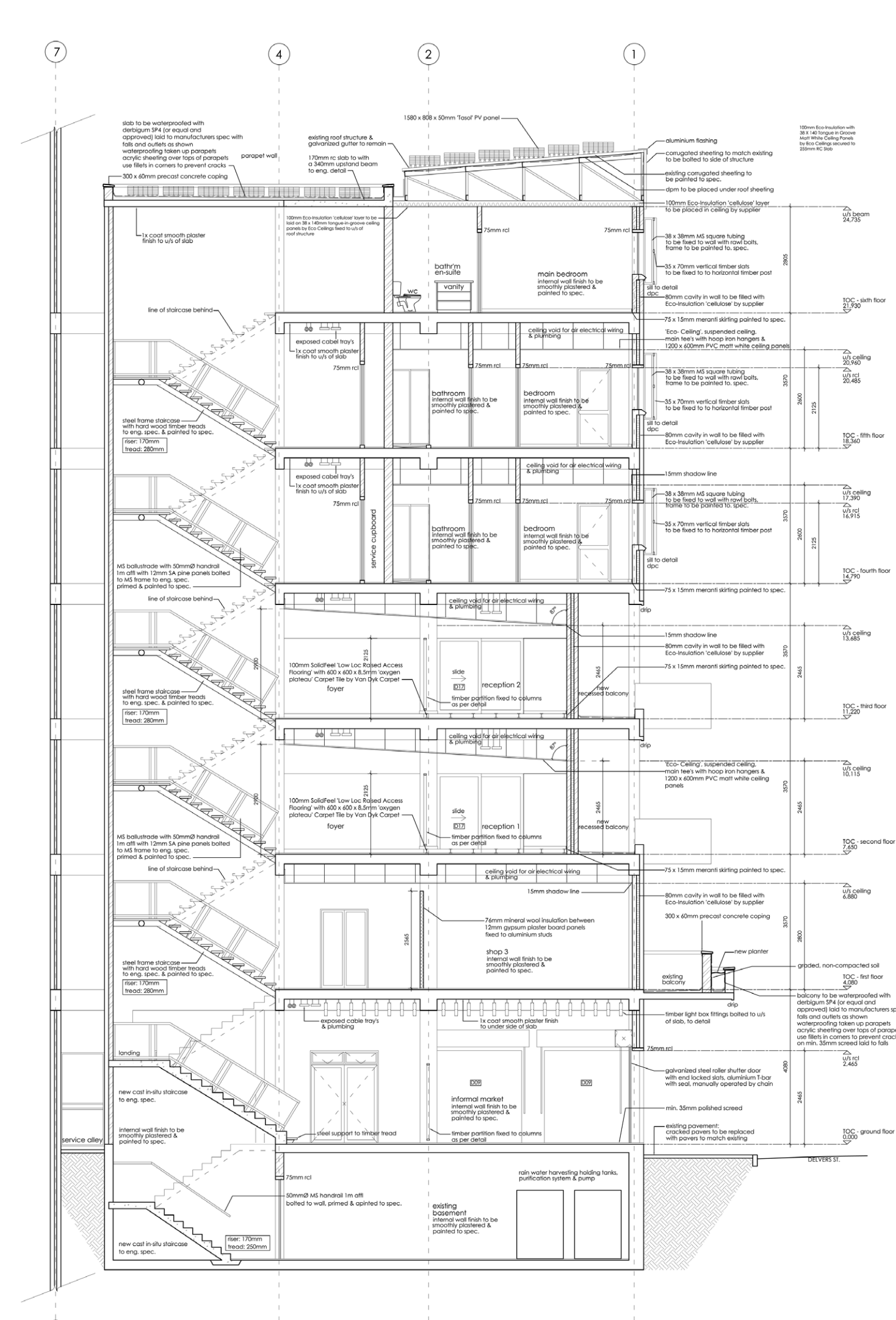
bas honours advanced theory & practice of construction
johannesburg cbd // may 2012

The major project for the Advanced Theory and Practice of Construction Honours course required groups of four students to explore inter-systems performance in design and construction through re-conceptualising the design of an existing, dated inner city building. With the primary focus being on sustainability, the proposed design needed to facilitate bio-physical, socio-economic, socio-political and socio-cultural issues specific to the context. Individuals were then required to design relevant details.



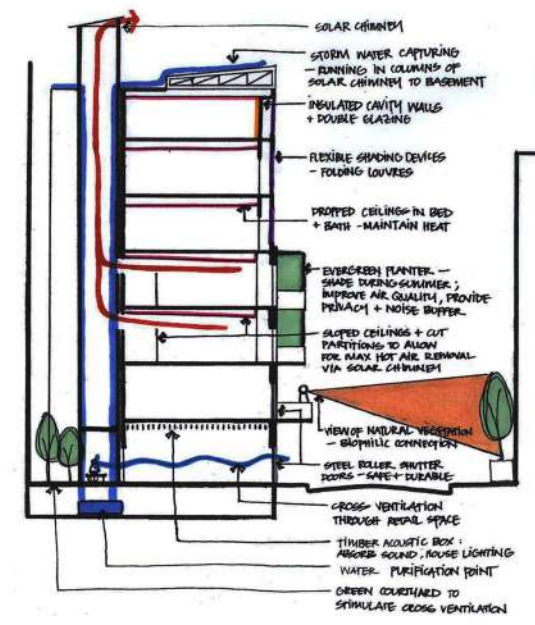
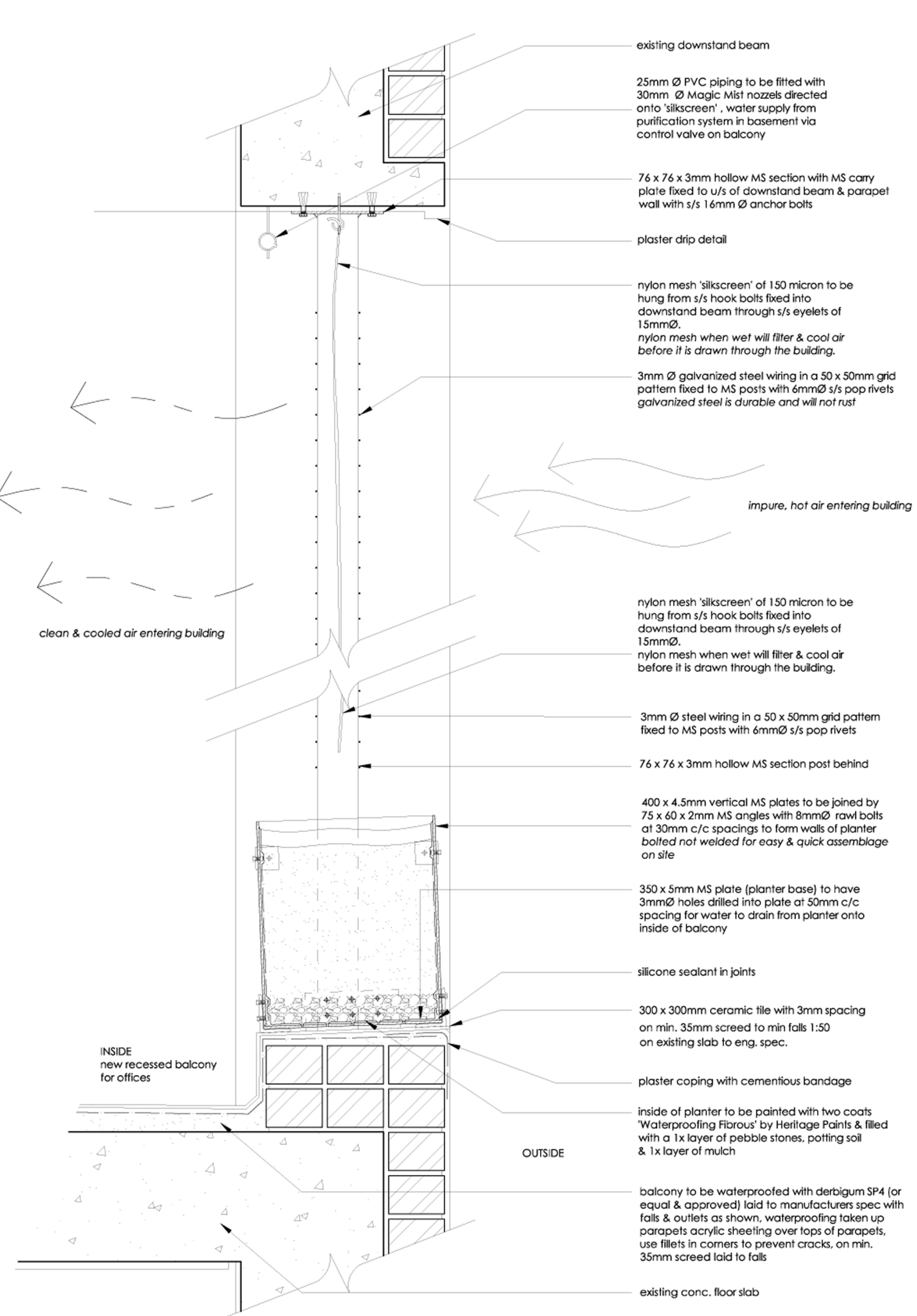
Above:
Second Floor Plan
Left:
Ground Floor Plan
Opposite page:
West Elevation
AutoCAD





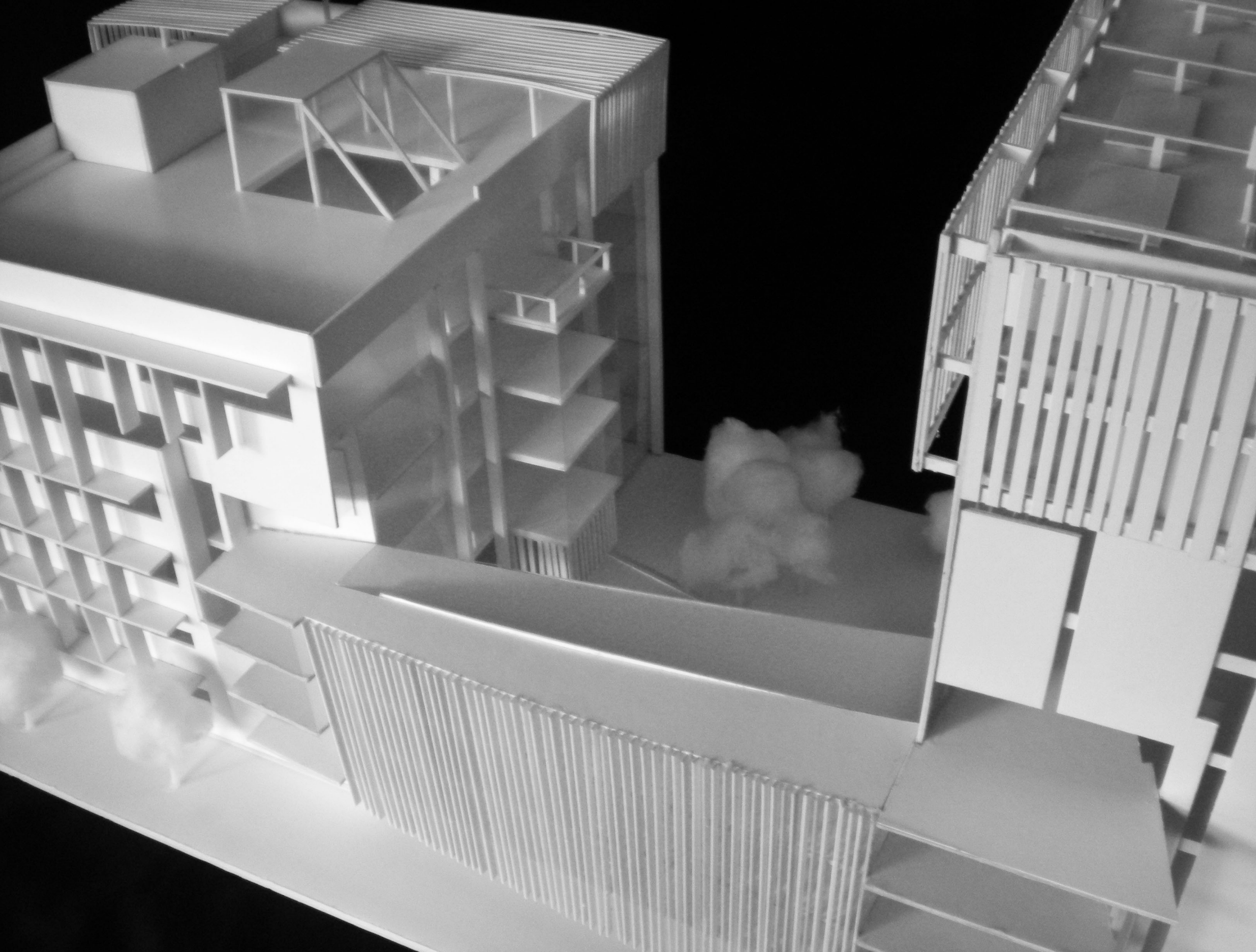
Cross Section A-A (left)

Concept Diagram (above)



Balcony planter / screen detail (left)

Concept Diagram (above)



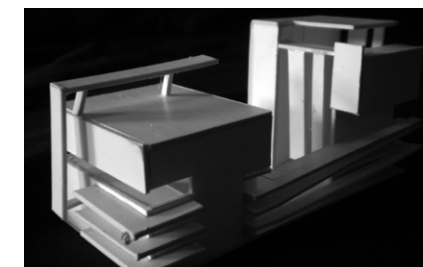
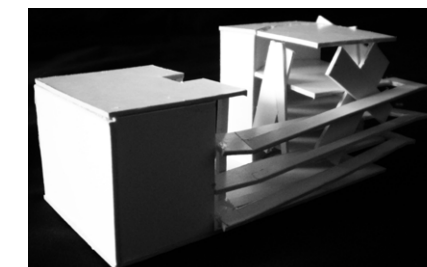
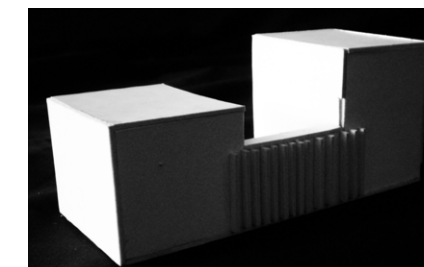
MEYER STREET INTERVENTION

A Mixed-Use Development

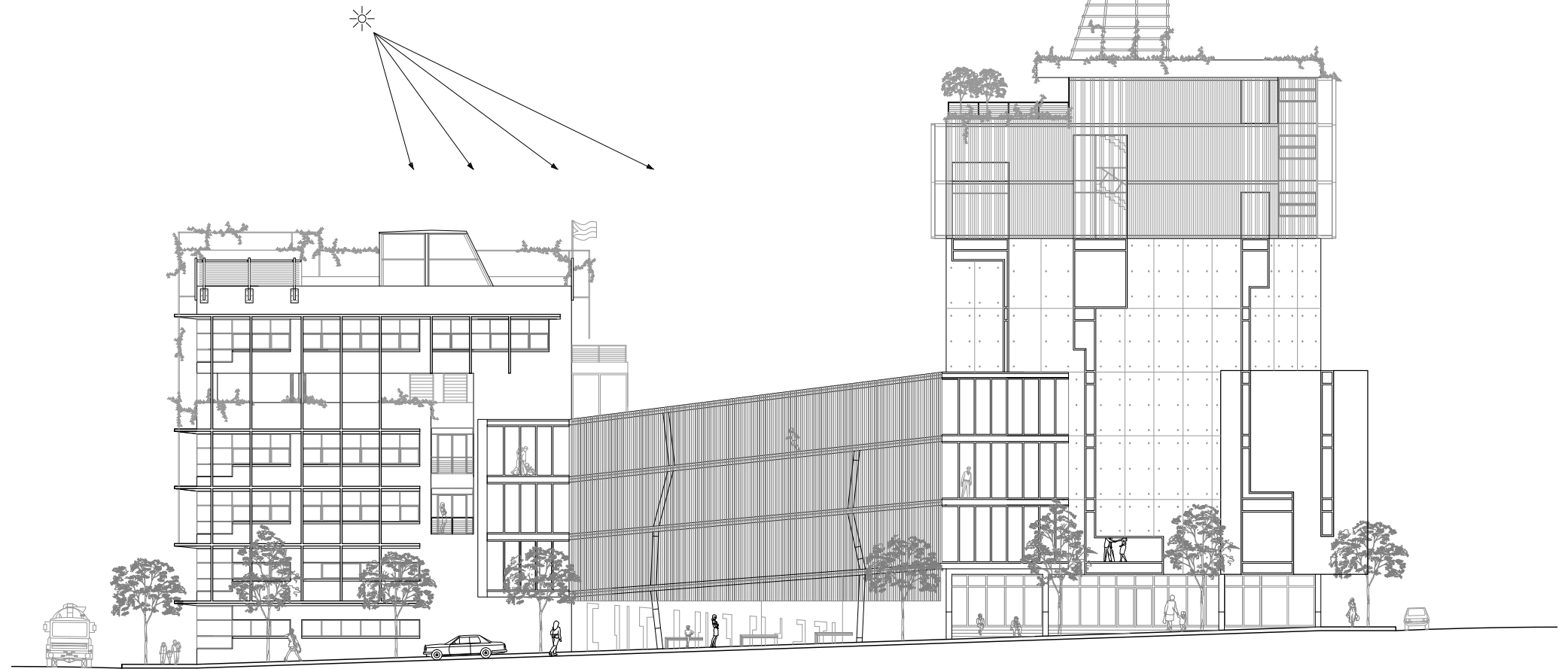
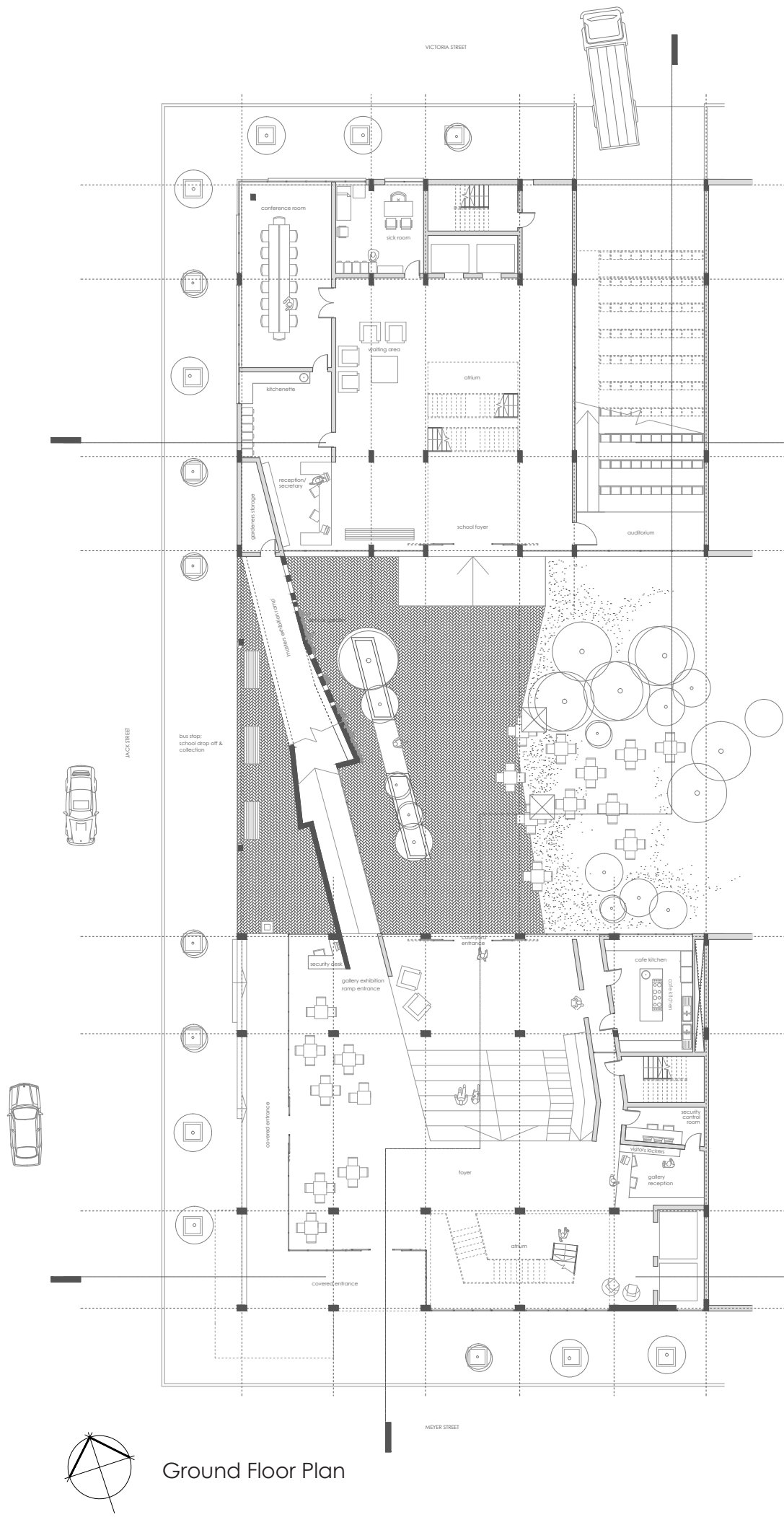
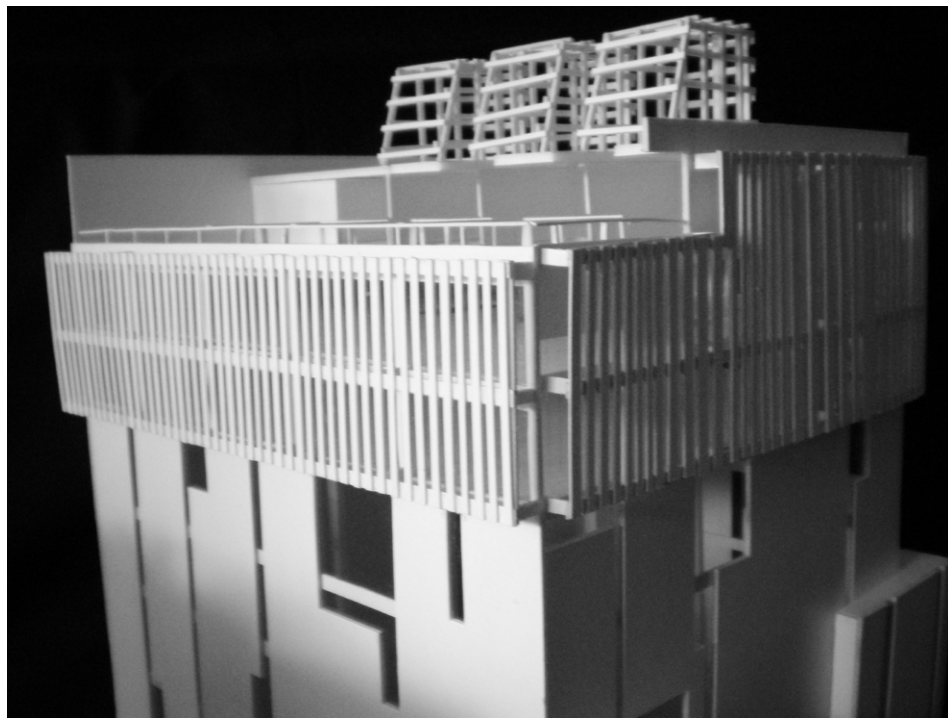
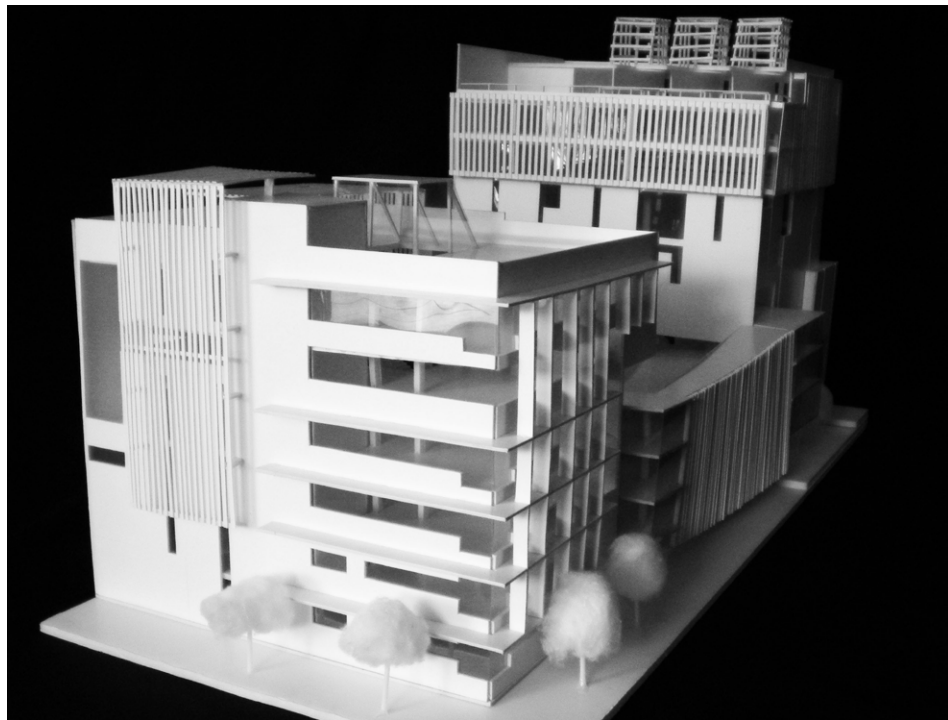
architectural design & theory 3
germiston, jhb // august 2010

Part of Germiston's urban renewal scheme, Meyer Street is being established as the district's 'high street'.

With an allocated site along Meyer Street the proposed intervention comprises an art gallery, small preparatory school and three residences. An internal programmed courtyard acts as the unifying space; a safe, pause space. Security, orientation and surrounding activities were the primary informants for the programmatic arrangement while the decision to employ a concrete framed structure was influenced by surrounding structures, sociocultural and socioeconomic conditions.

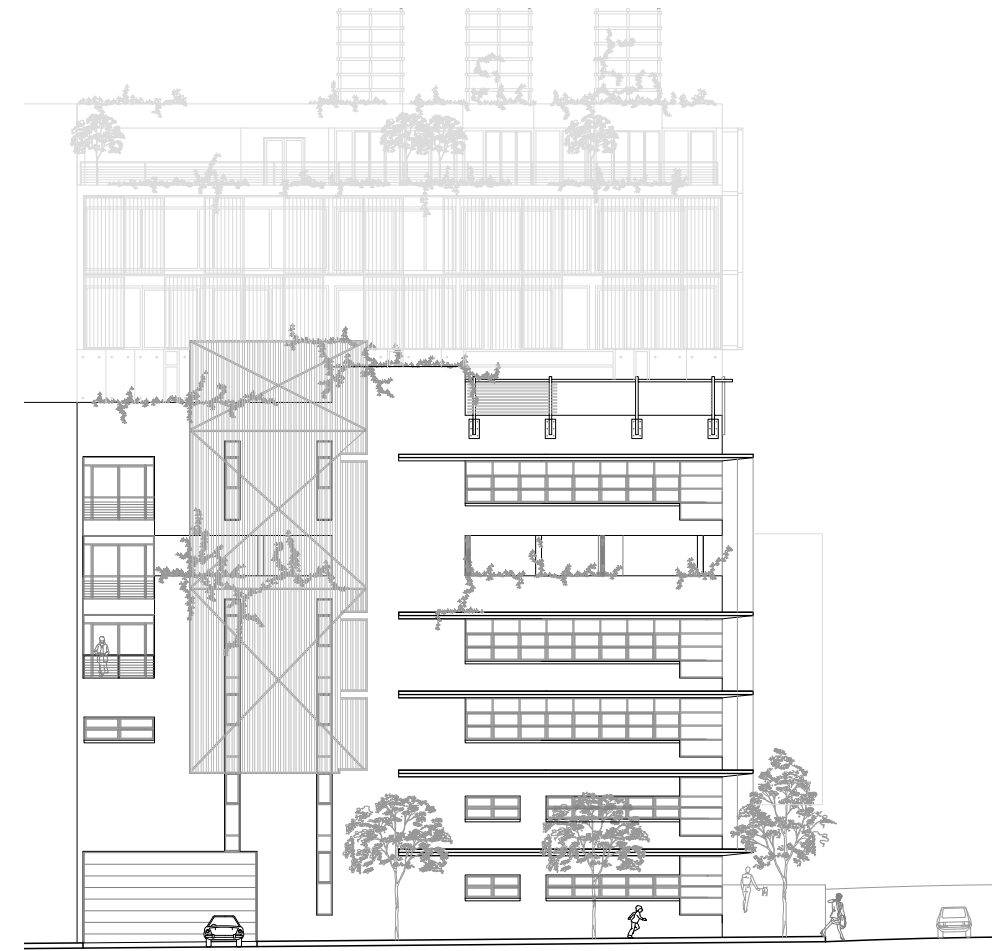


Concept models



West Elevation (above)

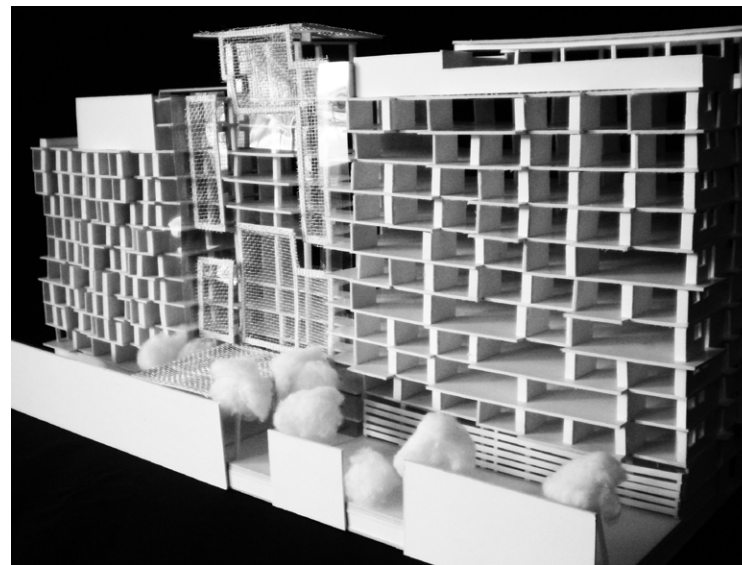
Cross Section through School (below)



North Elevation



Conceptual Drawings

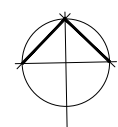
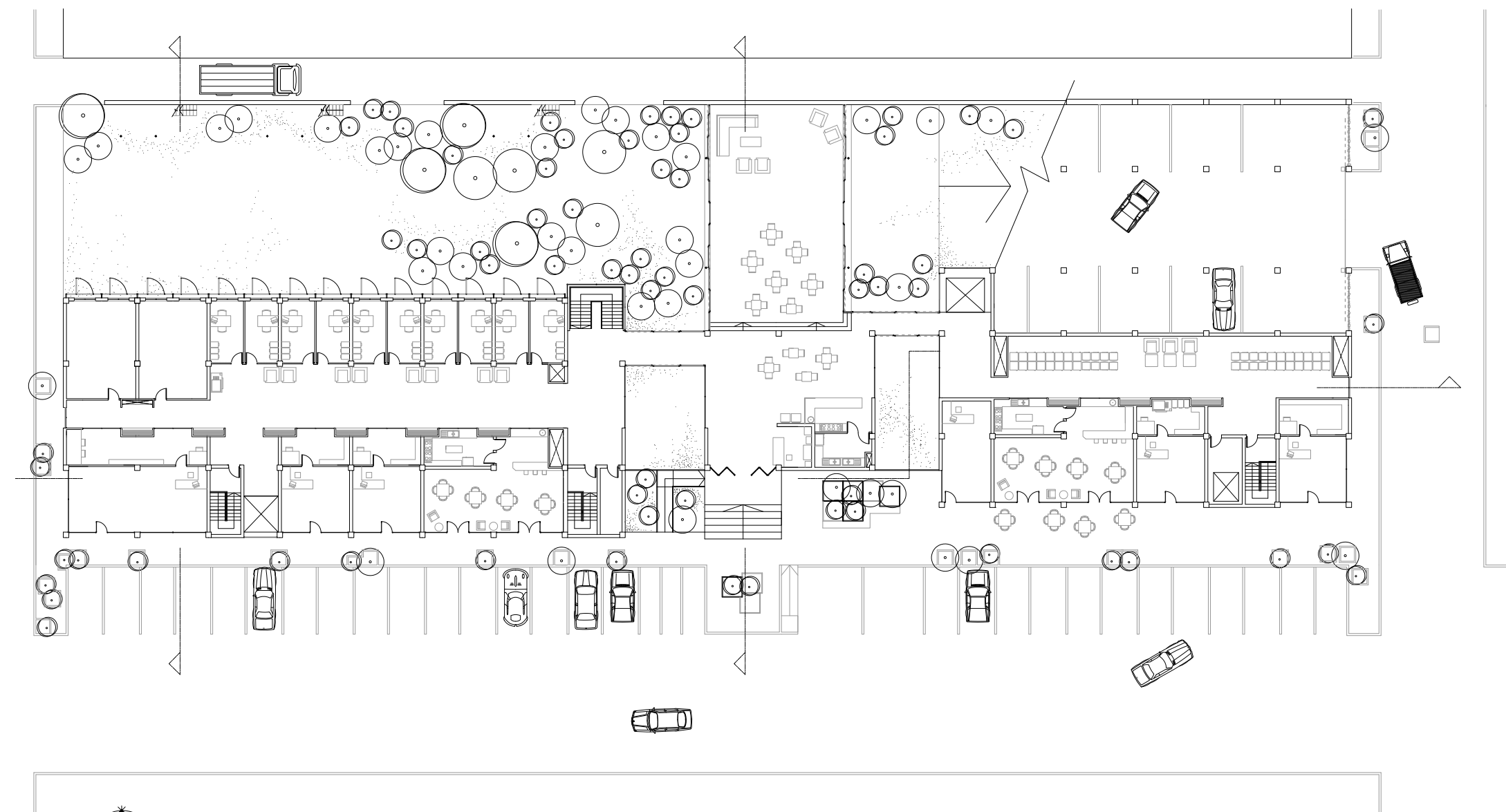


Working Model

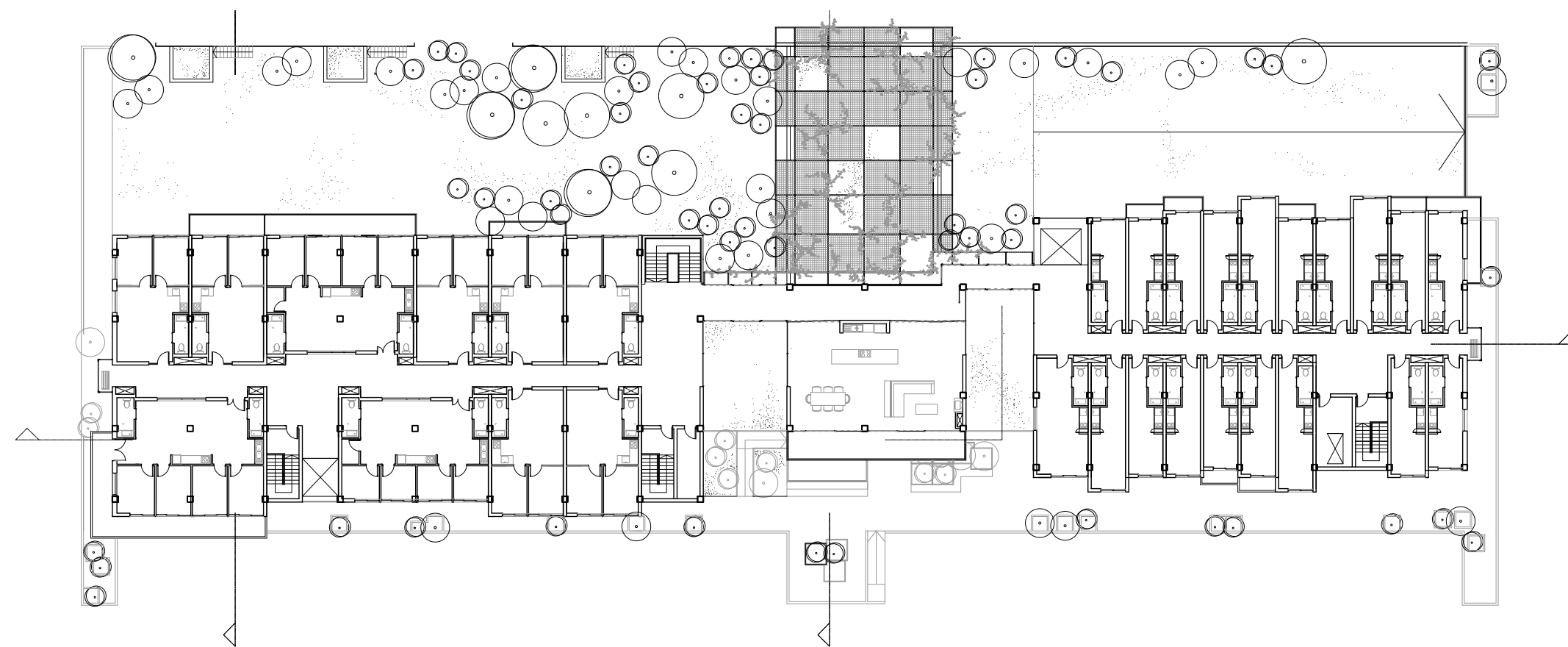
JUTA STREET STUDENT HOUSING

bas third year design studio
braamfontein, jhb // may 2010

The project brief was to design a multi-storey building on a tight site in Braamfontein which would offer variations of student housing to the University of the Witwatersrand. Further programmes required included shared recreational and kitchen/dining spaces, a rooftop swimming pool, a lecture hall and offices for visiting lecturers.

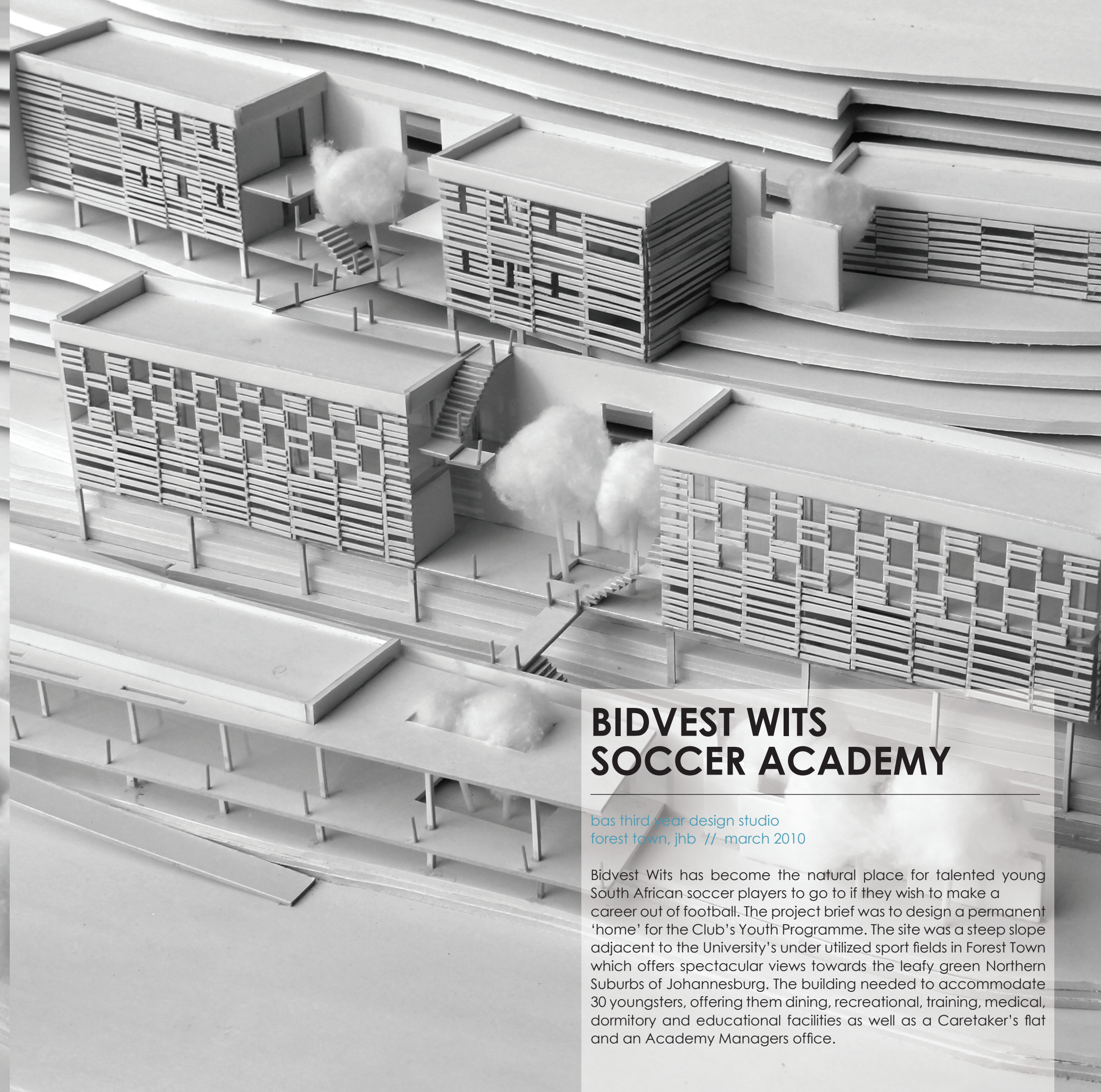
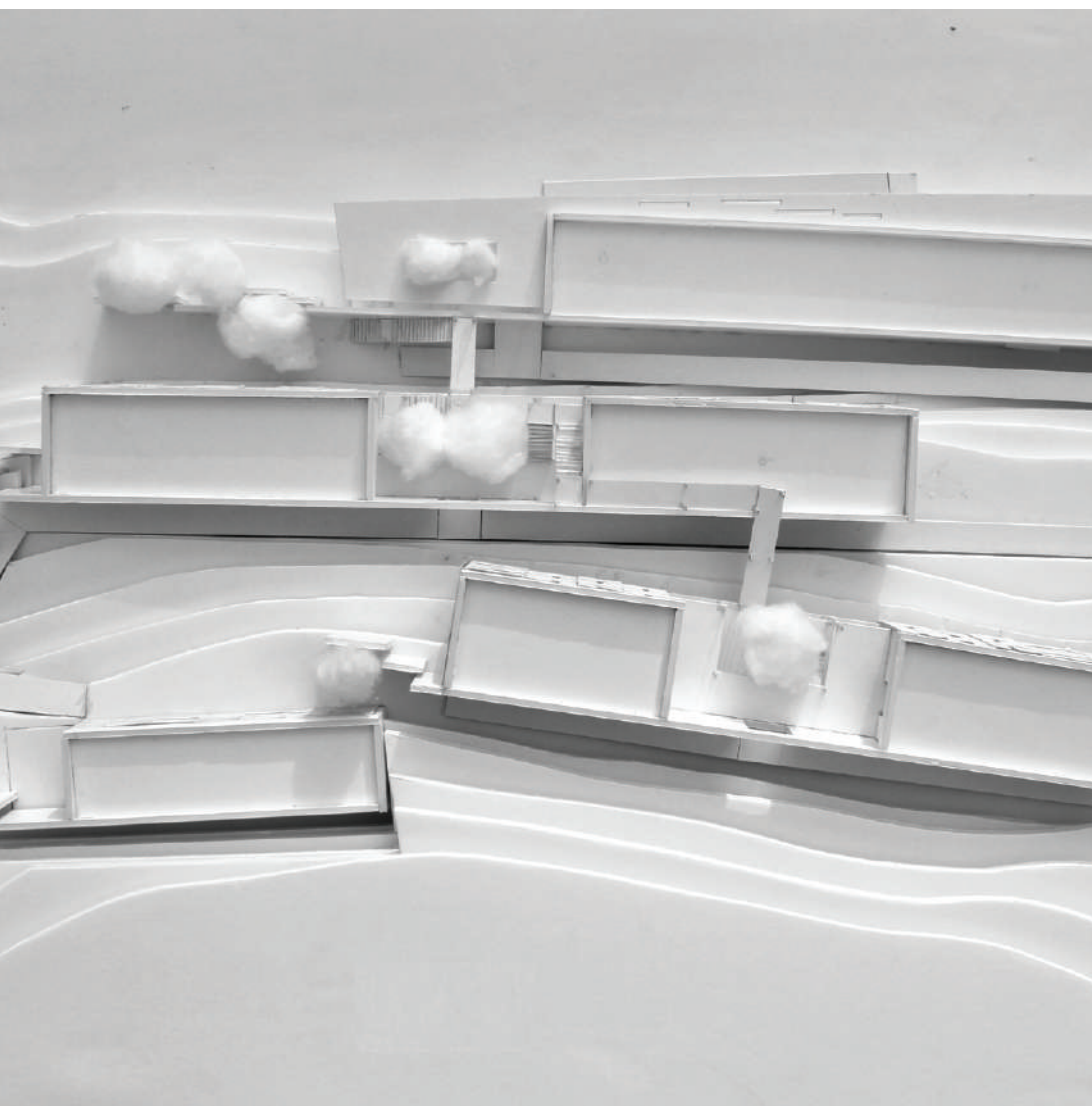
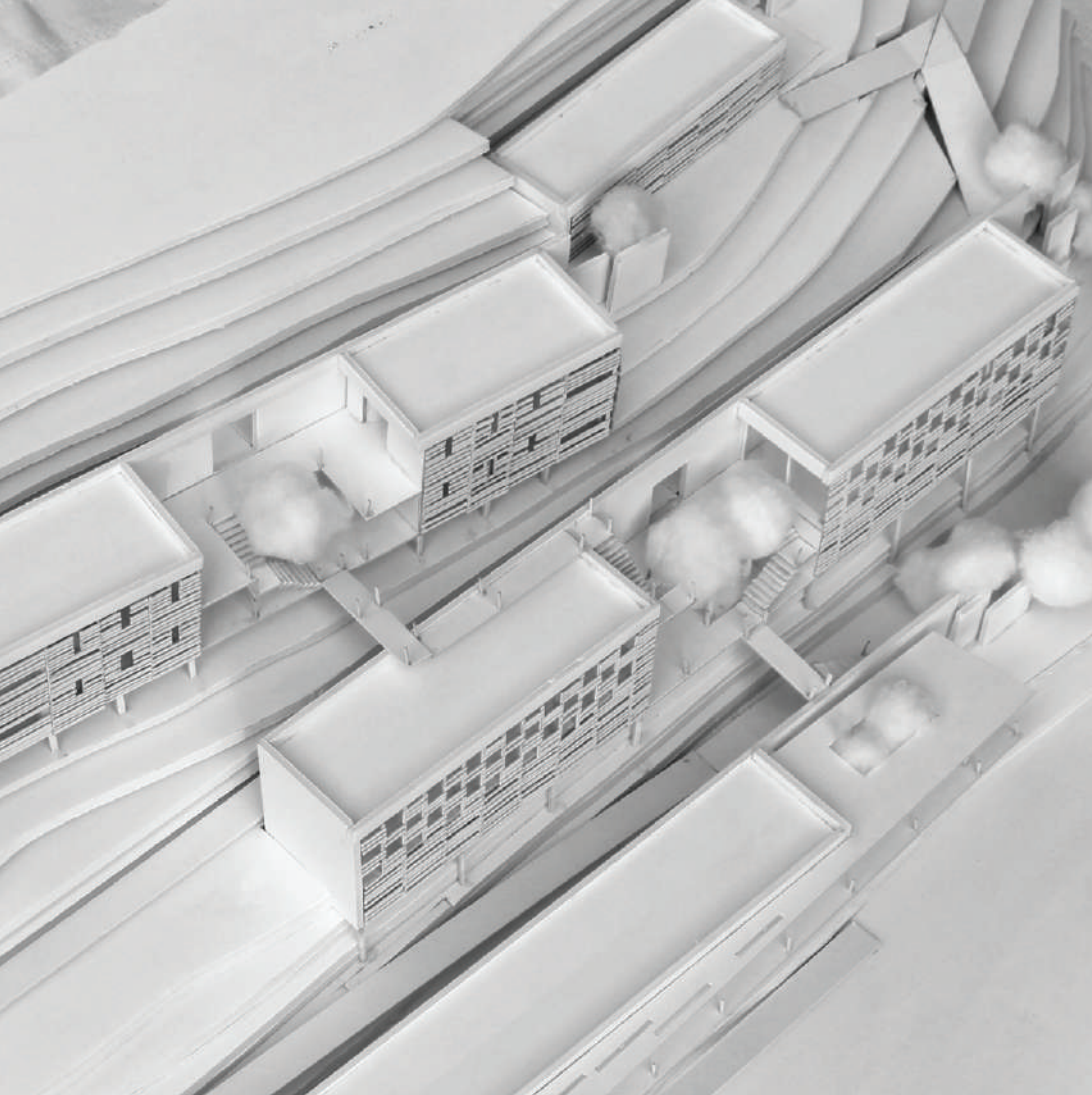


Ground Floor Plan



Residential Floor Plan





BIDVEST WITS SOCCER ACADEMY

bas third year design studio
forest town, jhb // march 2010

Bidvest Wits has become the natural place for talented young South African soccer players to go to if they wish to make a career out of football. The project brief was to design a permanent 'home' for the Club's Youth Programme. The site was a steep slope adjacent to the University's under utilized sport fields in Forest Town which offers spectacular views towards the leafy green Northern Suburbs of Johannesburg. The building needed to accommodate 30 youngsters, offering them dining, recreational, training, medical, dormitory and educational facilities as well as a Caretaker's flat and an Academy Managers office.

