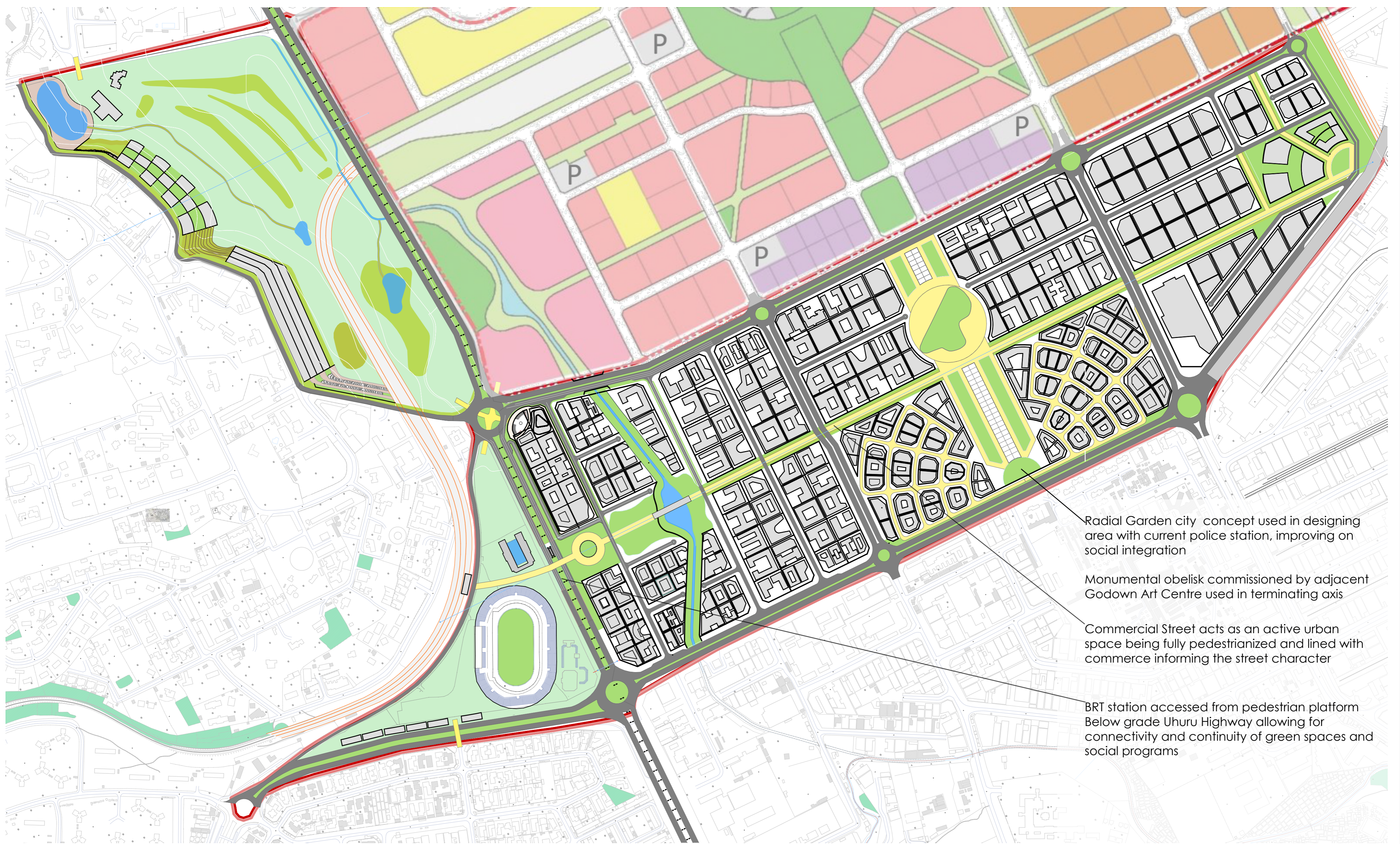
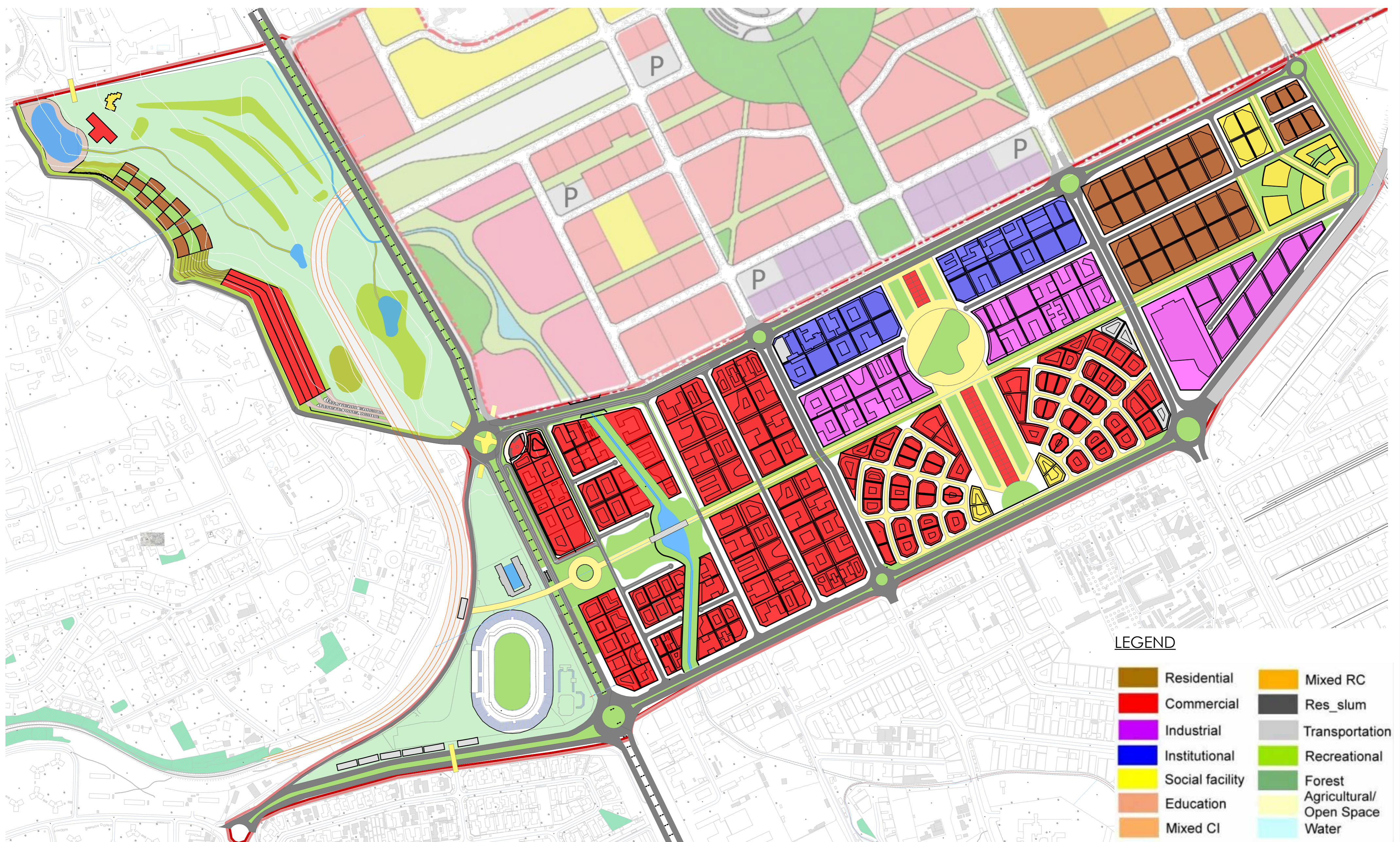


URBAN PLANNING



Detailed Master Plan
Scale 1:5000



Zoning Plan
Scale 1:5000

PROJECT
REDEVELOPMENT OF THE PROPOSED
NAIROBI GREATOR CBD

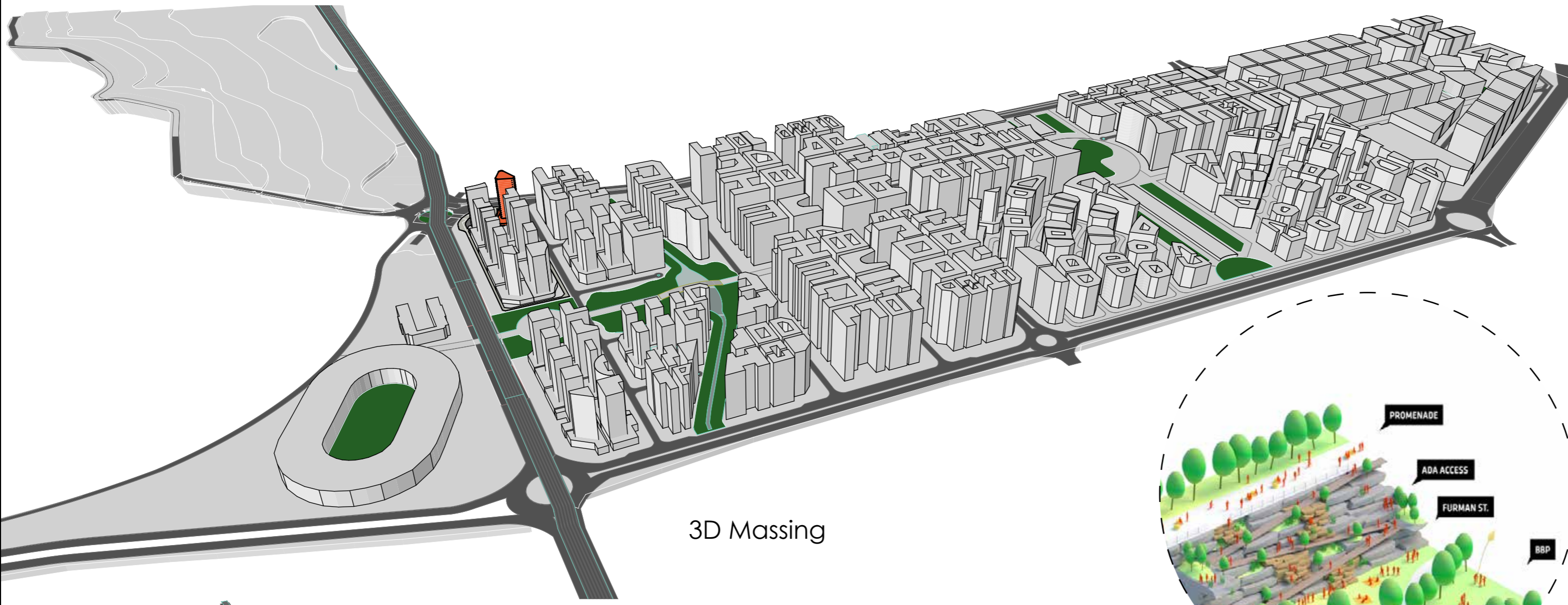
LOCATION
LOWER HILL LUSAKA ROAD AREA

FIFTH YEAR
ADVANCED ARCHITECTURAL DESIGN

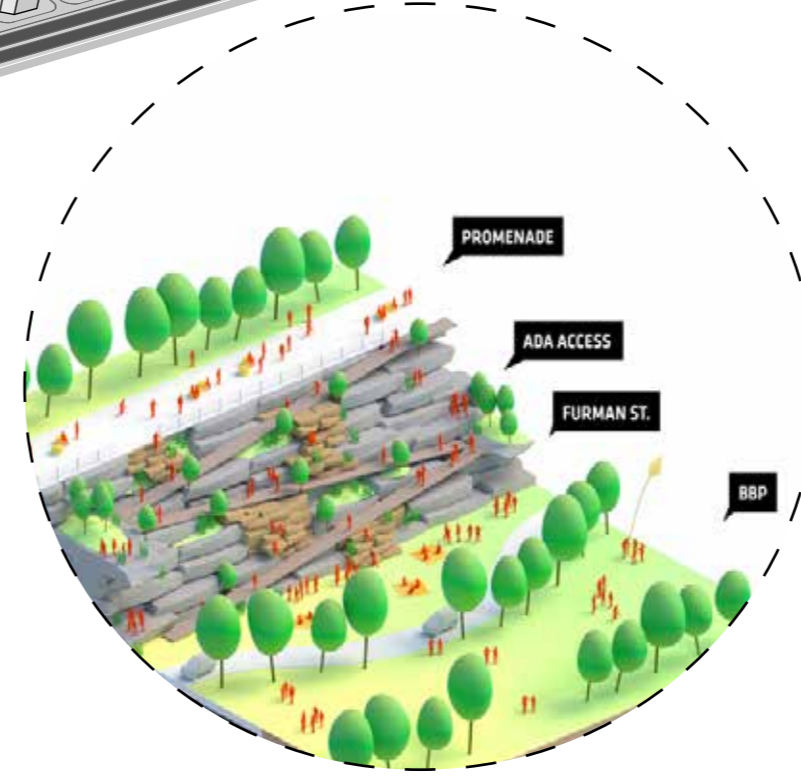
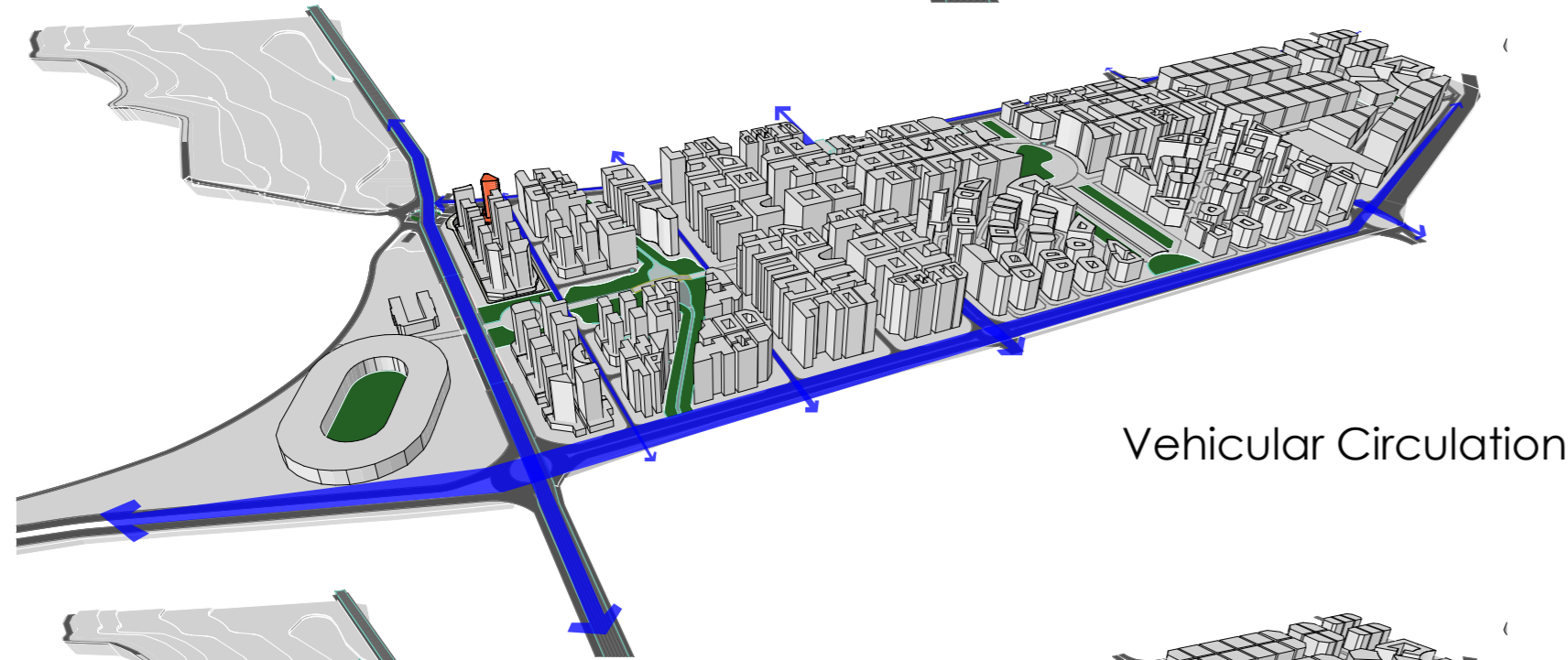
MUSYOKI CHARLES MBATHA
B02/1024/2016

SPATIAL CHARACTER

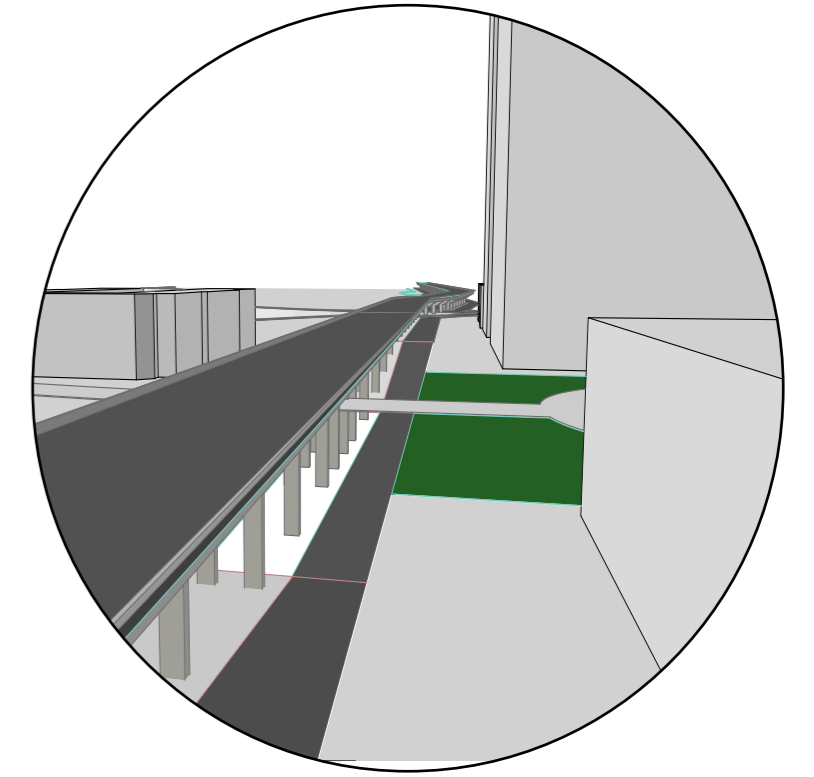
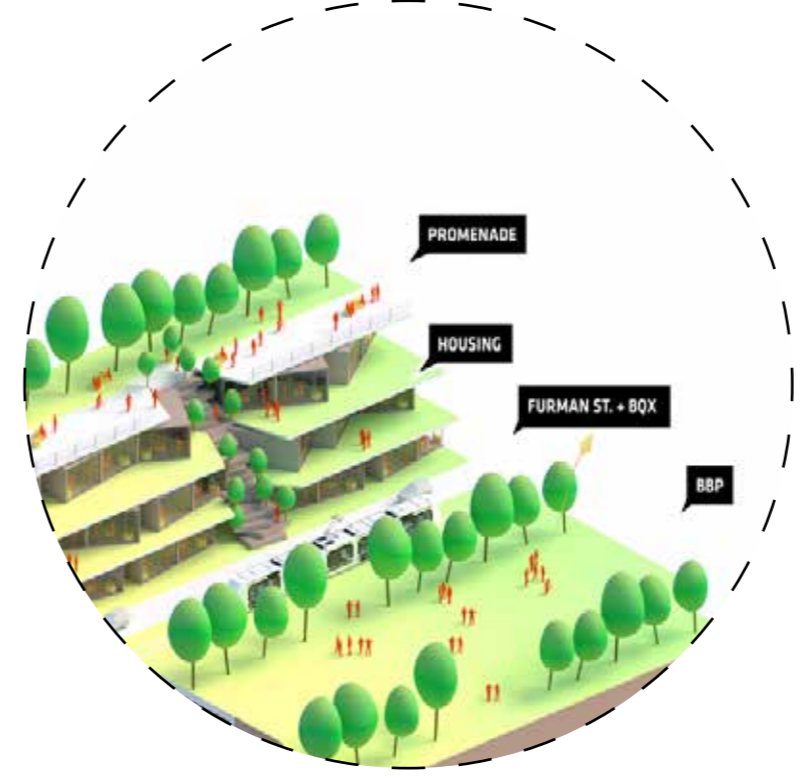
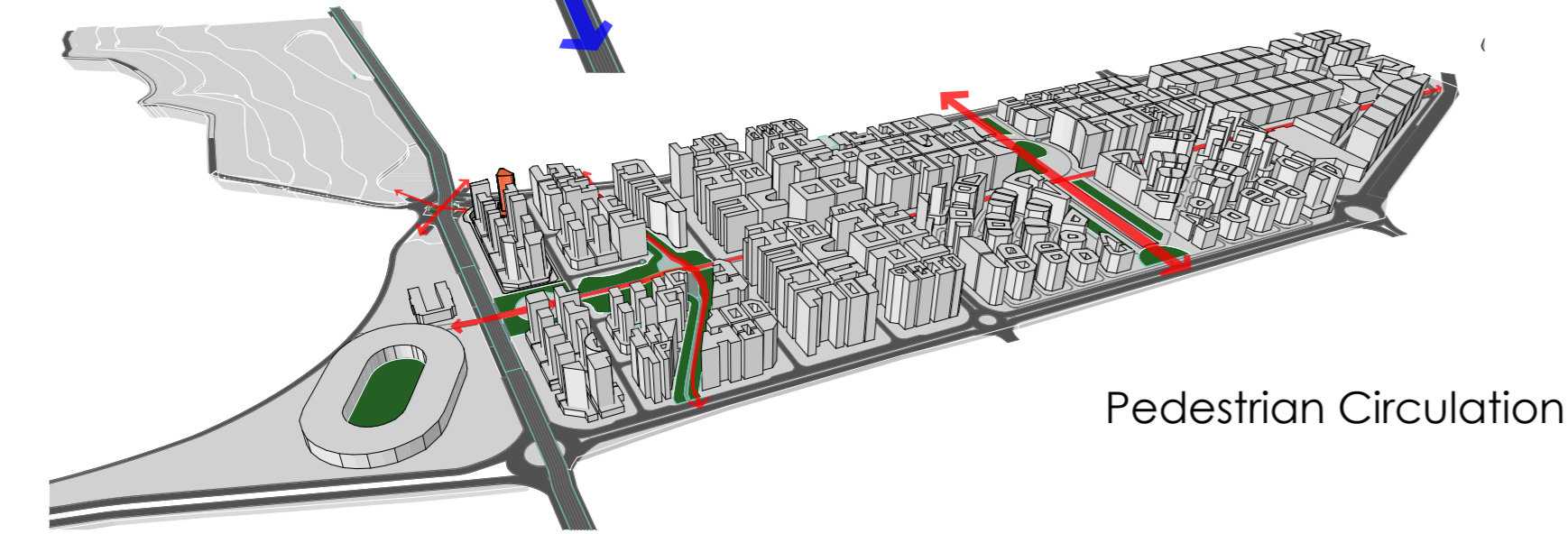
CITIES FOR THE PEOPLE
Approaches used in ensuring Continuity of circulation for the pedestrian



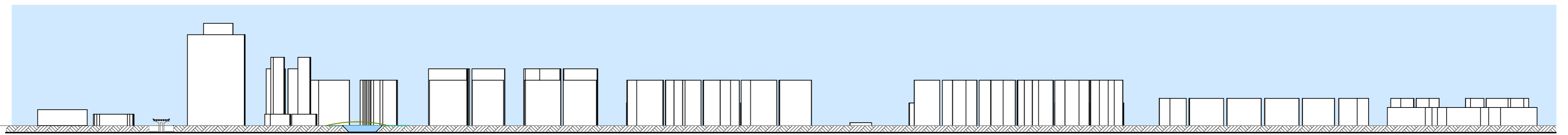
Continuity of green from the proposed railway city master plan is lined with Urban kiosks in living the space and promoting interaction. This further connects to the pedestrianized spine linking Nyayo stadium in the Western core to city stadium in the Eastern



Landscaping along the current Railway golf course to achieve interaction of pedestrian users and generate revenue for the institution



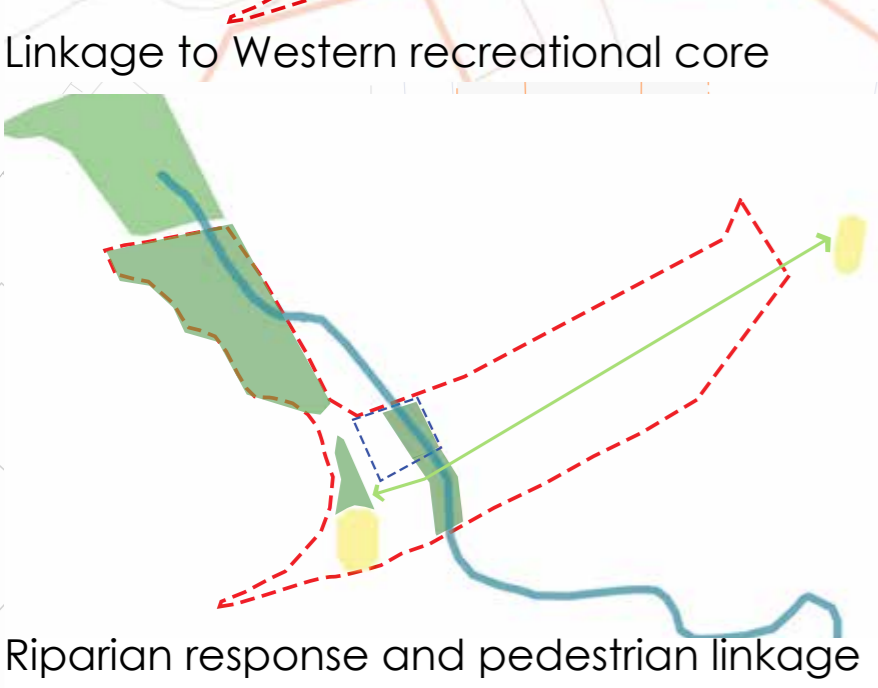
BRT bus stop is below grade and accessed from the pedestrian bridge ensuring Continuity of Pedestrian circulation spine throughout the proposed master plan, linking spaces of recreation, performance and civic spaces, improving on the quality of life.



Transverse Section
Scale 1:5000

MUD SECTOR

Justification on sector selection



Railway station stop transport terminus next to Nyayo Stadium

Recreational West Core linkage to the proposed Eastern greater CBD Urban regeneration and proposed railway city

BRT bus stop below pedestrian linkage to Nyayo stadium recreational hub

Proposed MUD Site
2,300m²



Detailed Master Plan
Highlighting Cluster of study
Scale 1:5000

PROJECT
REDEVELOPMENT OF THE PROPOSED
NAIROBI GREATOR CBD

LOCATION
LOWER HILL LUSAKA ROAD AREA

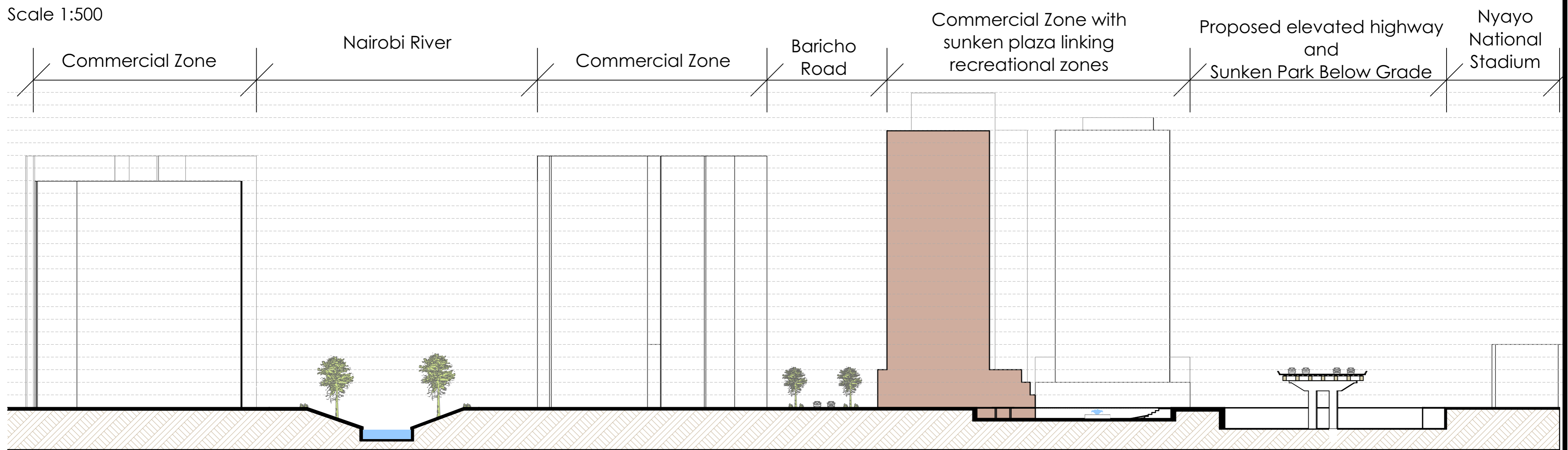
FIFTH YEAR
ADVANCED ARCHITECTURAL DESIGN

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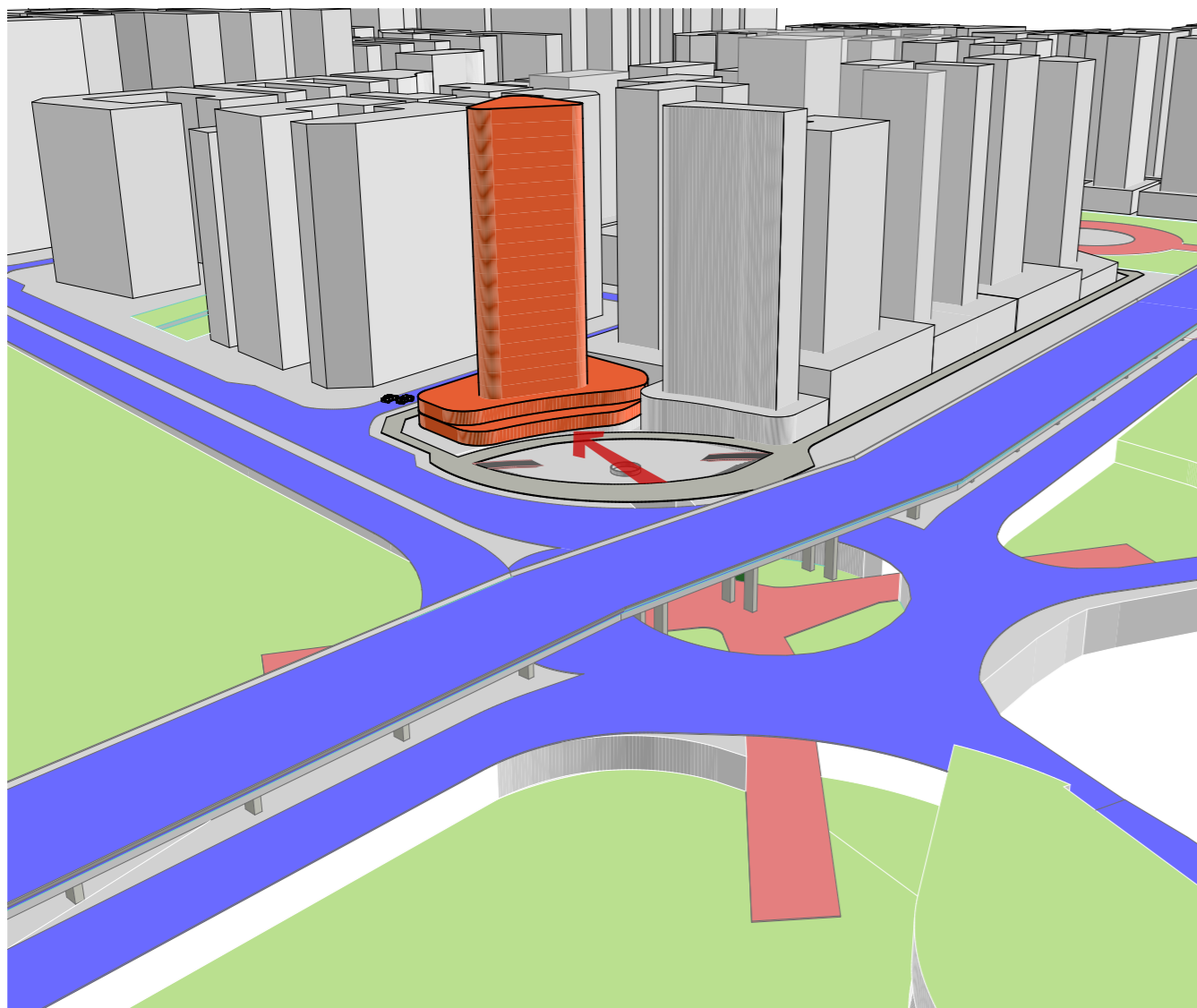
MUD CLUSTER



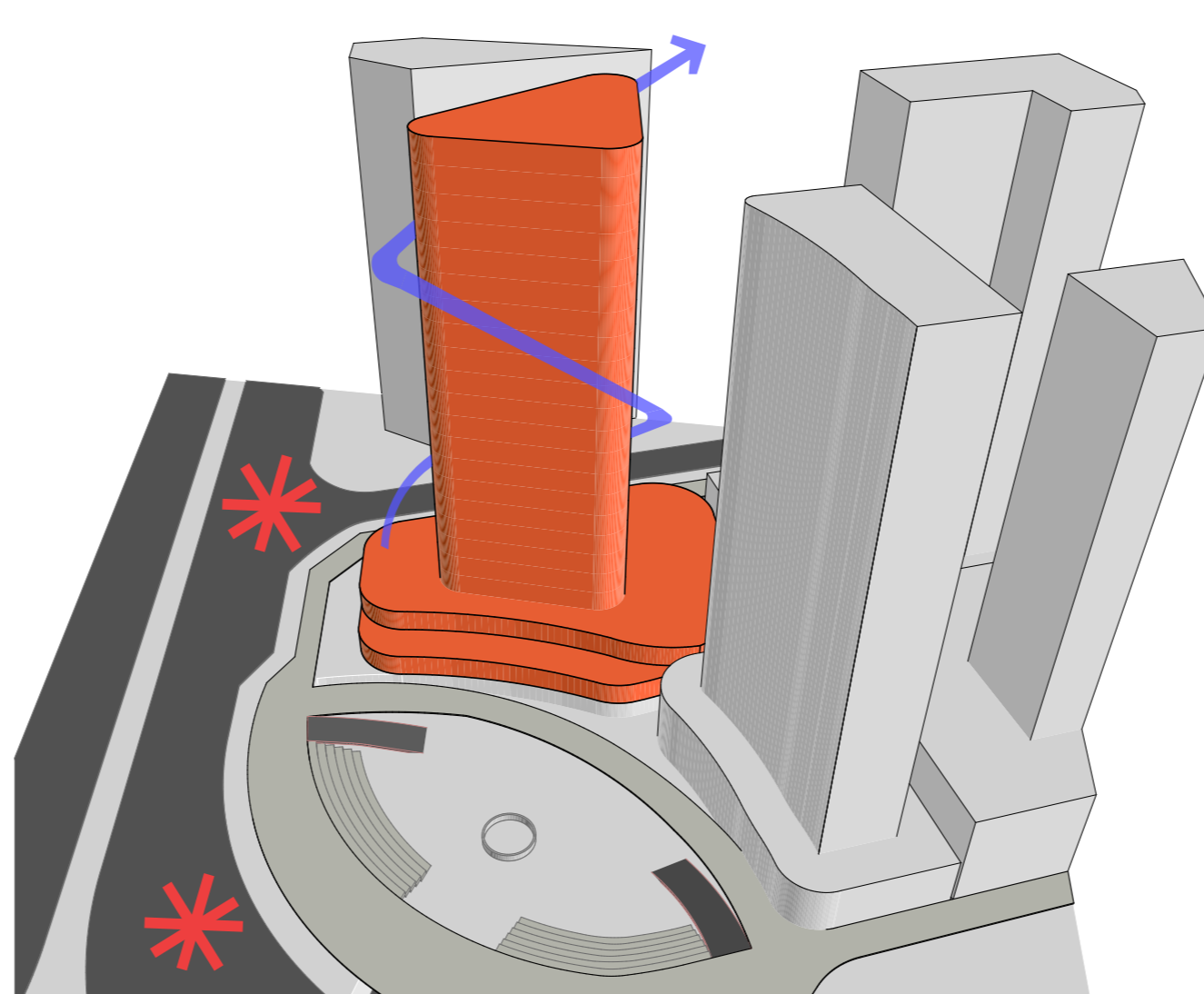
Detailed Sector Plan
Scale 1:500



Sector Profile
Scale 1:500



Form Concept Development illustrating on circulation and interconnection between the various zones



Organic form adopted in response to the dynamism of the context, being at a node



The sunken plaza as nucleus, weaving the recreational and commerce zones in the urban master plan

PROJECT
REDEVELOPMENT OF THE PROPOSED
NAIROBI GREATOR CBD

LOCATION
LOWER HILL LUSAKA ROAD AREA

FIFTH YEAR
ADVANCED ARCHITECTURAL DESIGN

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SCHEMATIC DESIGN

Ramp up from below grade plaza

4,000mm wide pedestrian walkway channeling pedestrian circulation through the sector

Public plaza at entrance allowing for gathering and recreation

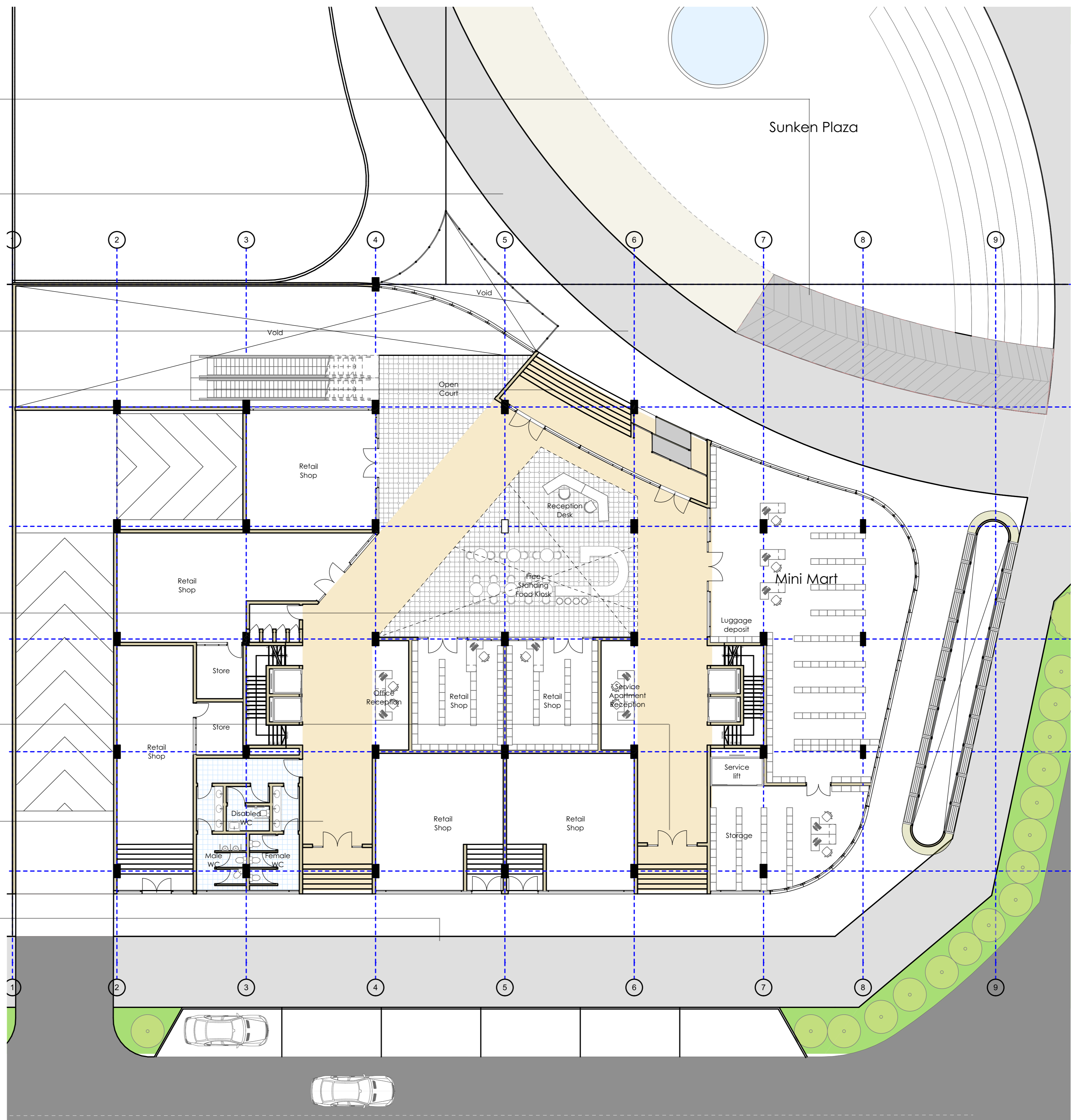
Access oriented to channel pedestrian traffic from below grade plaza and also in response to the corner
Building steps raised by 1000mm to maintain visual connection, provide security and allow for sufficient ventilation to lower ground floor program

Open to sky court to provide natural lighting and ventilation

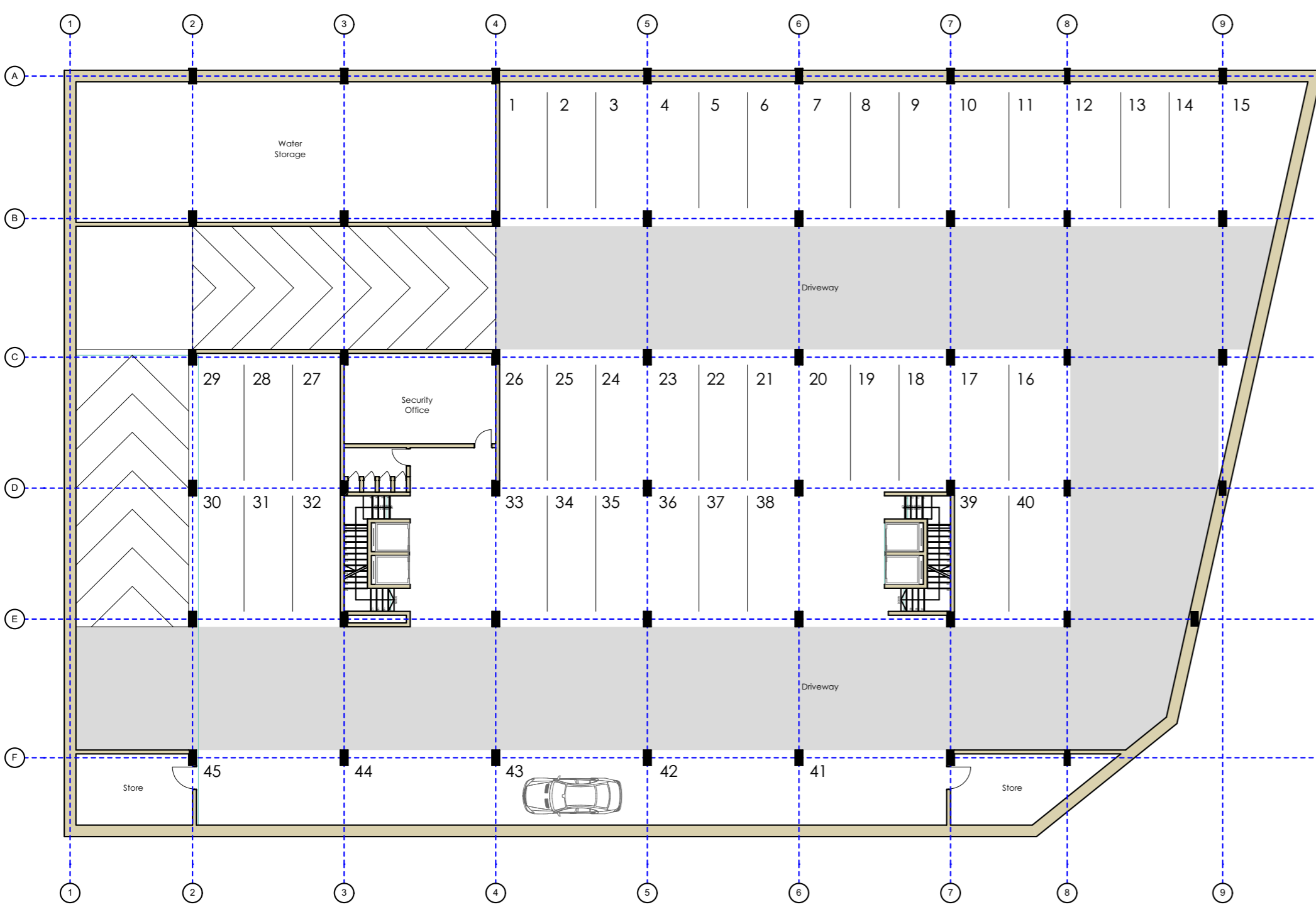
Private Serviced apartment Access, with access lift programmed to stop at podium and residential levels only

Arcade within building connecting pedestrians to the riparian reserve

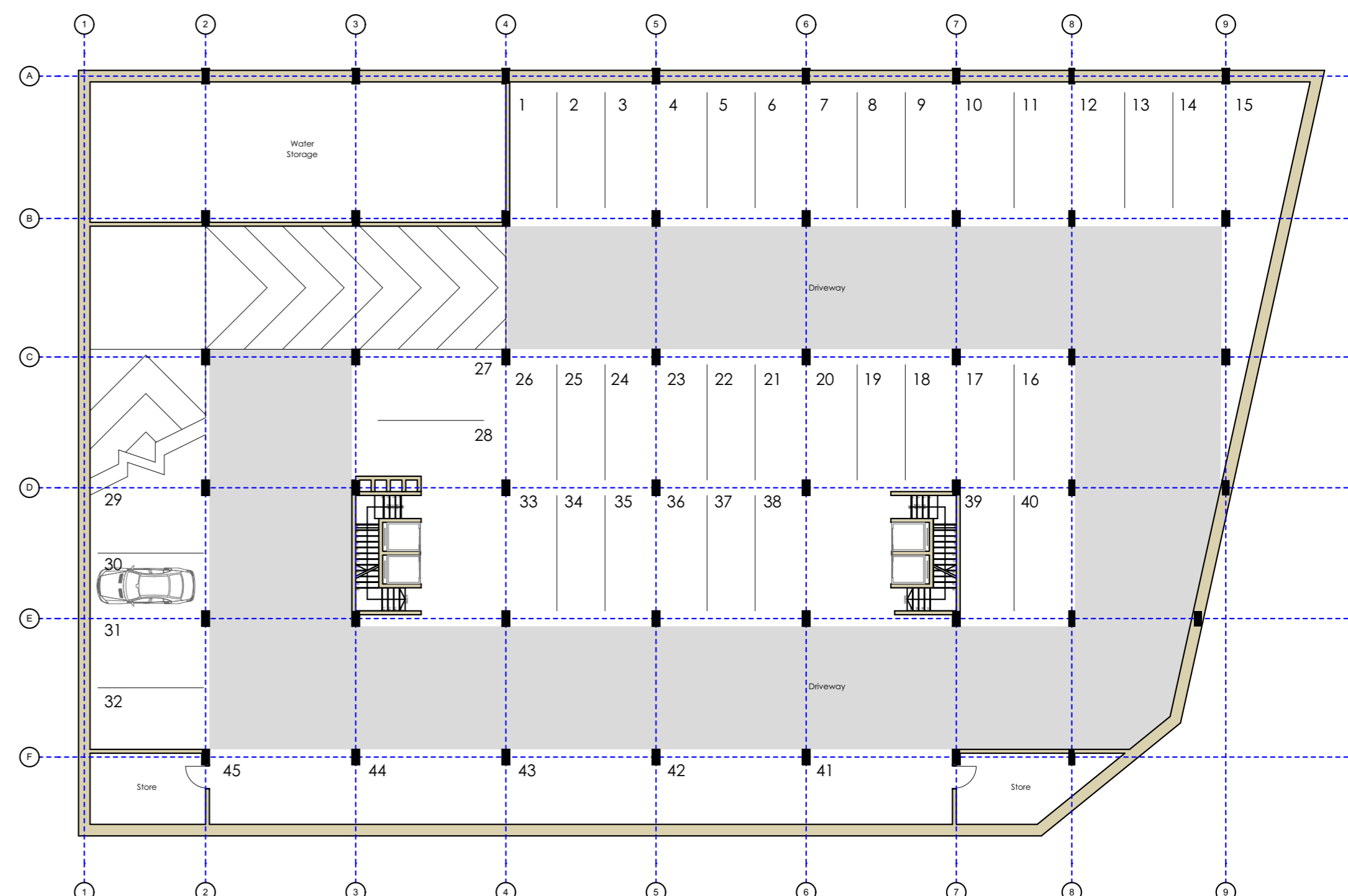
Large window displays allowing for transparency of ground floor



Ground Floor Layout
Scale 1:200



Level -2 Floor Layout
Scale 1:200



Level -3 Floor Layout
Scale 1:200

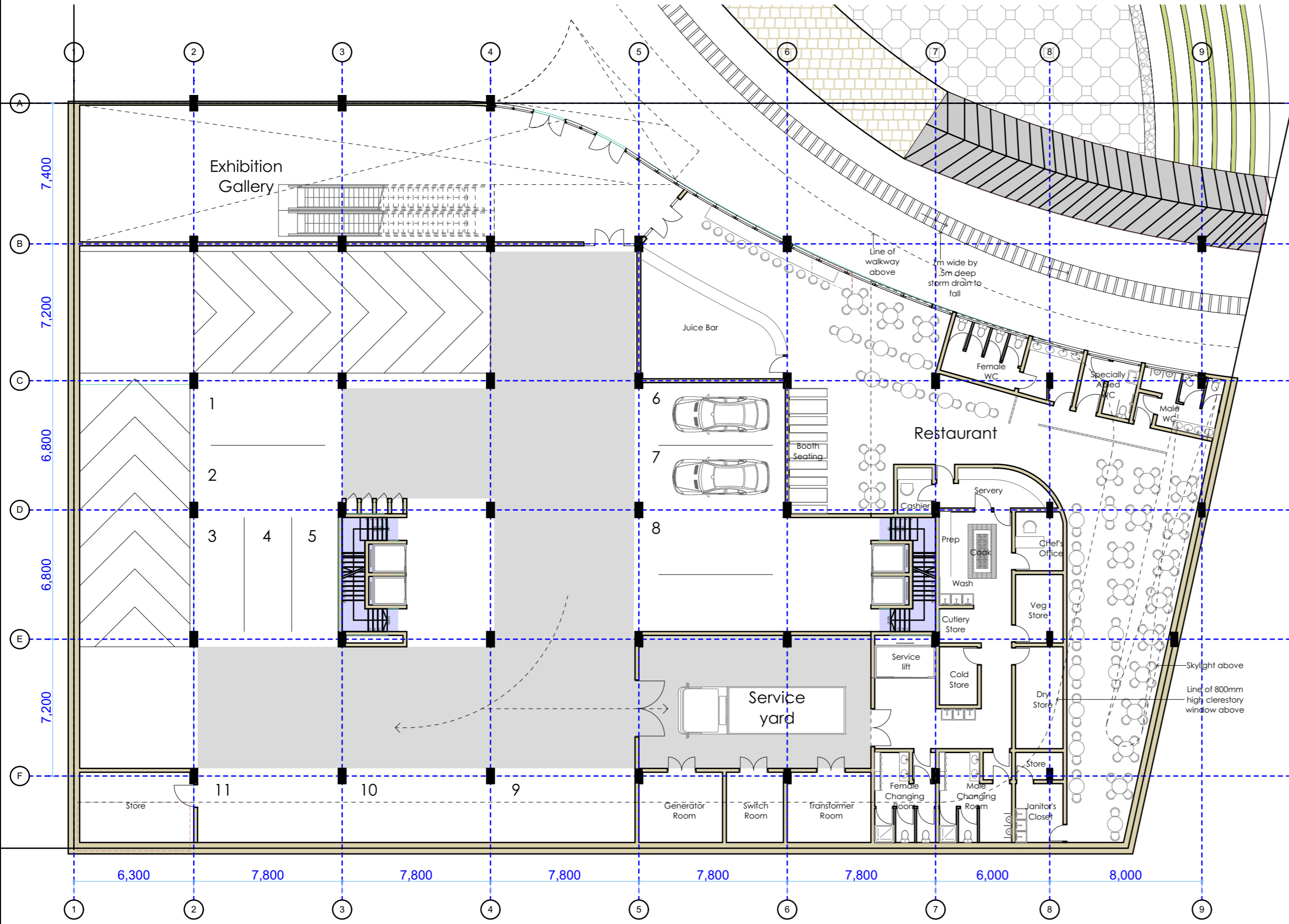
PROJECT
REDEVELOPMENT OF THE PROPOSED
NAIROBI GREATOR CBD

LOCATION
LOWER HILL LUSAKA ROAD AREA

FIFTH YEAR
ADVANCED ARCHITECTURAL DESIGN

MUSYOKI CHARLES MBATHA
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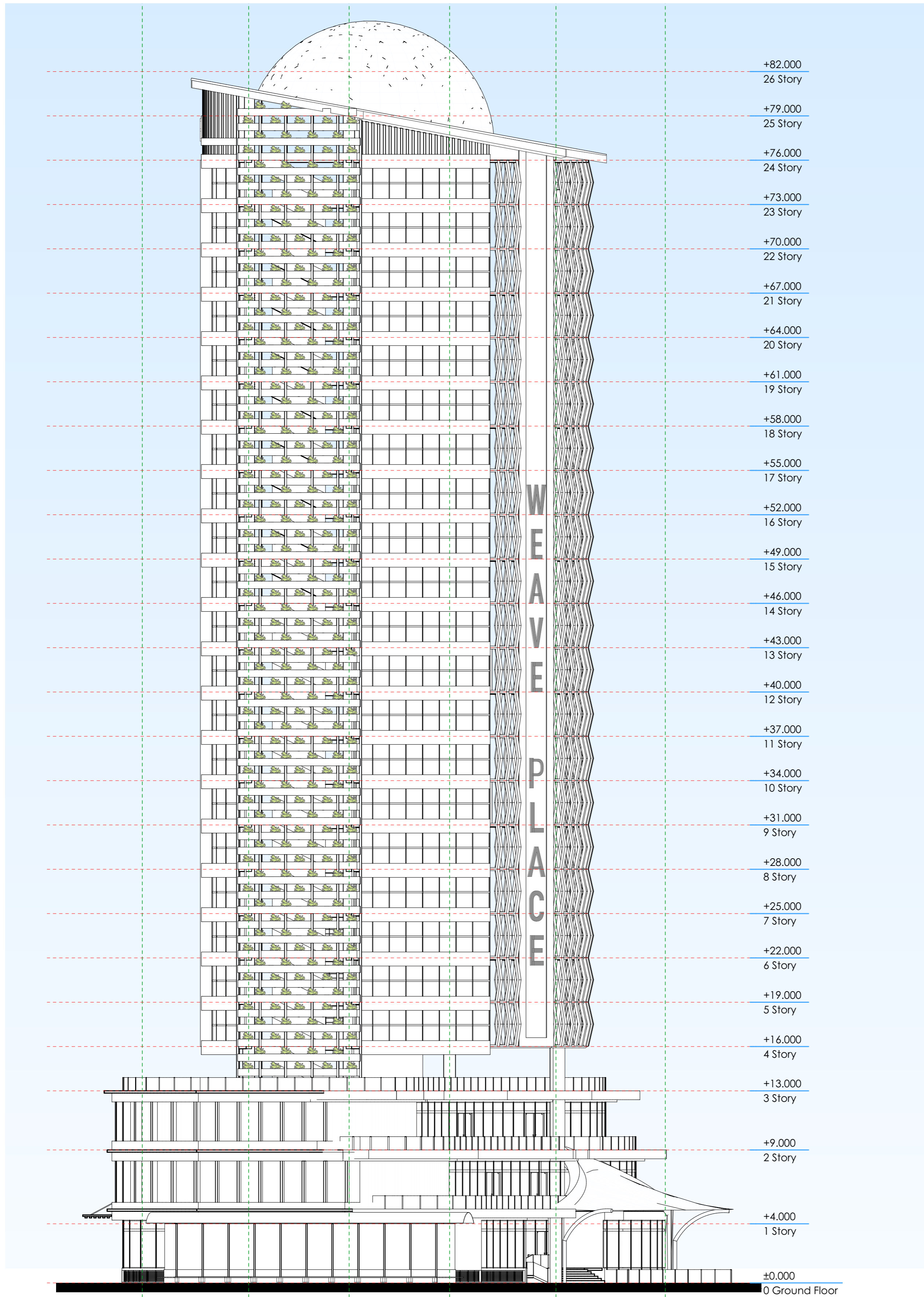
SCHEMATIC DESIGN



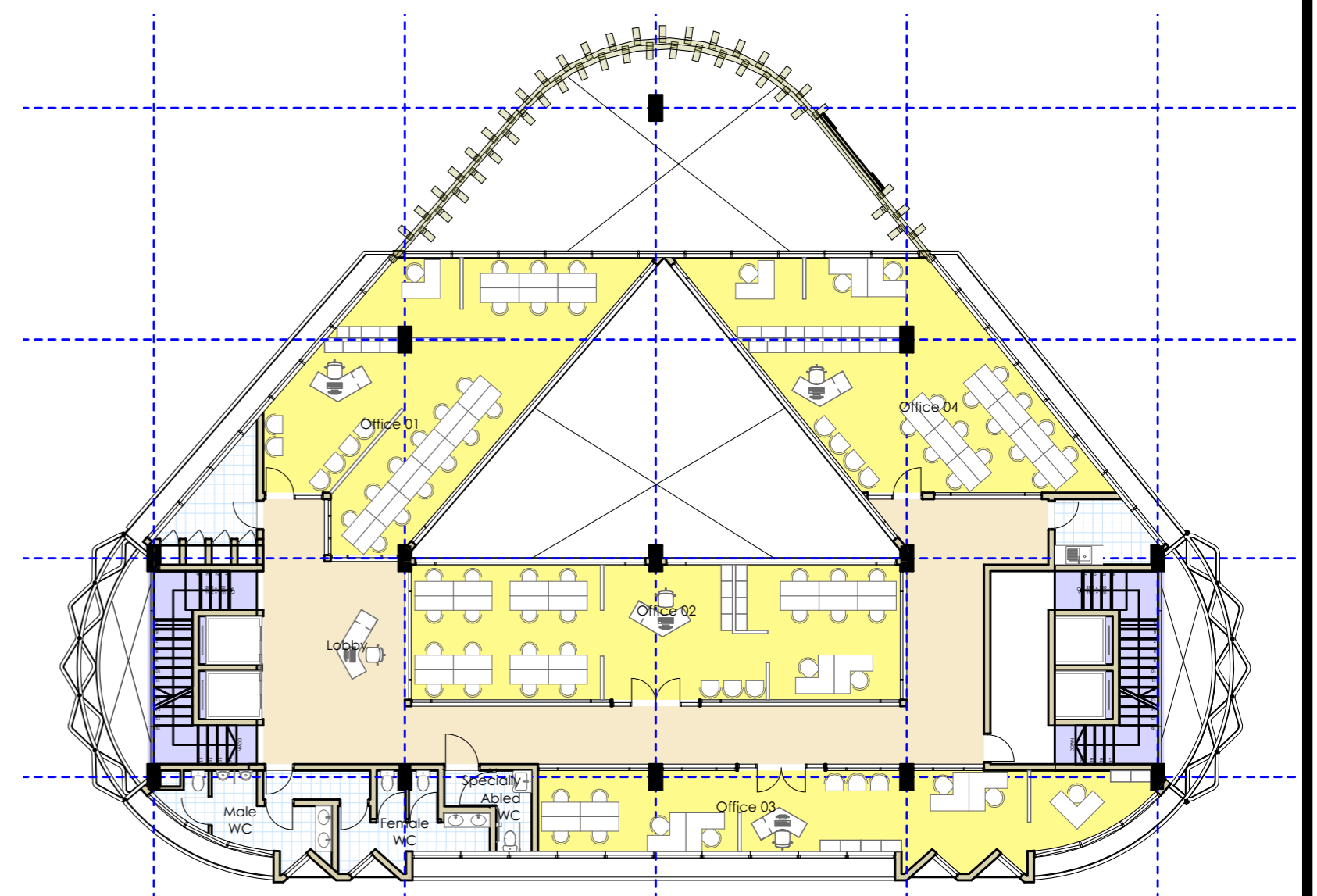
Lower Ground Floor Layout
Scale 1:200



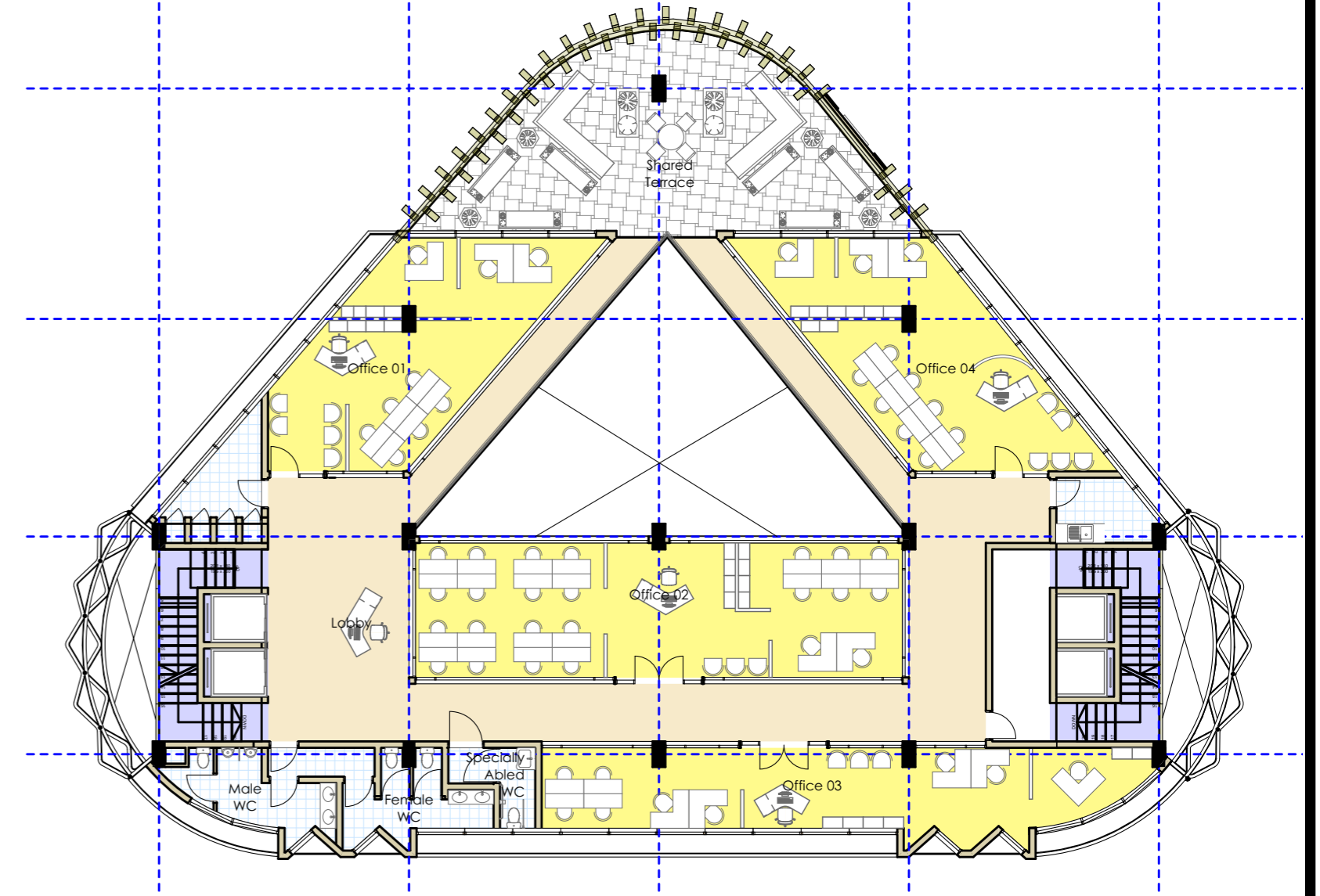
Exhibition plaza at lower ground floor access is naturally with a skylight and is visually connected to podium floors above, allowing for interactivity within the development.



East Elevation
Scale 1:200



Typical Office Floor Layout
Scale 1:200



Terraced Office Floor Layout
Scale 1:200

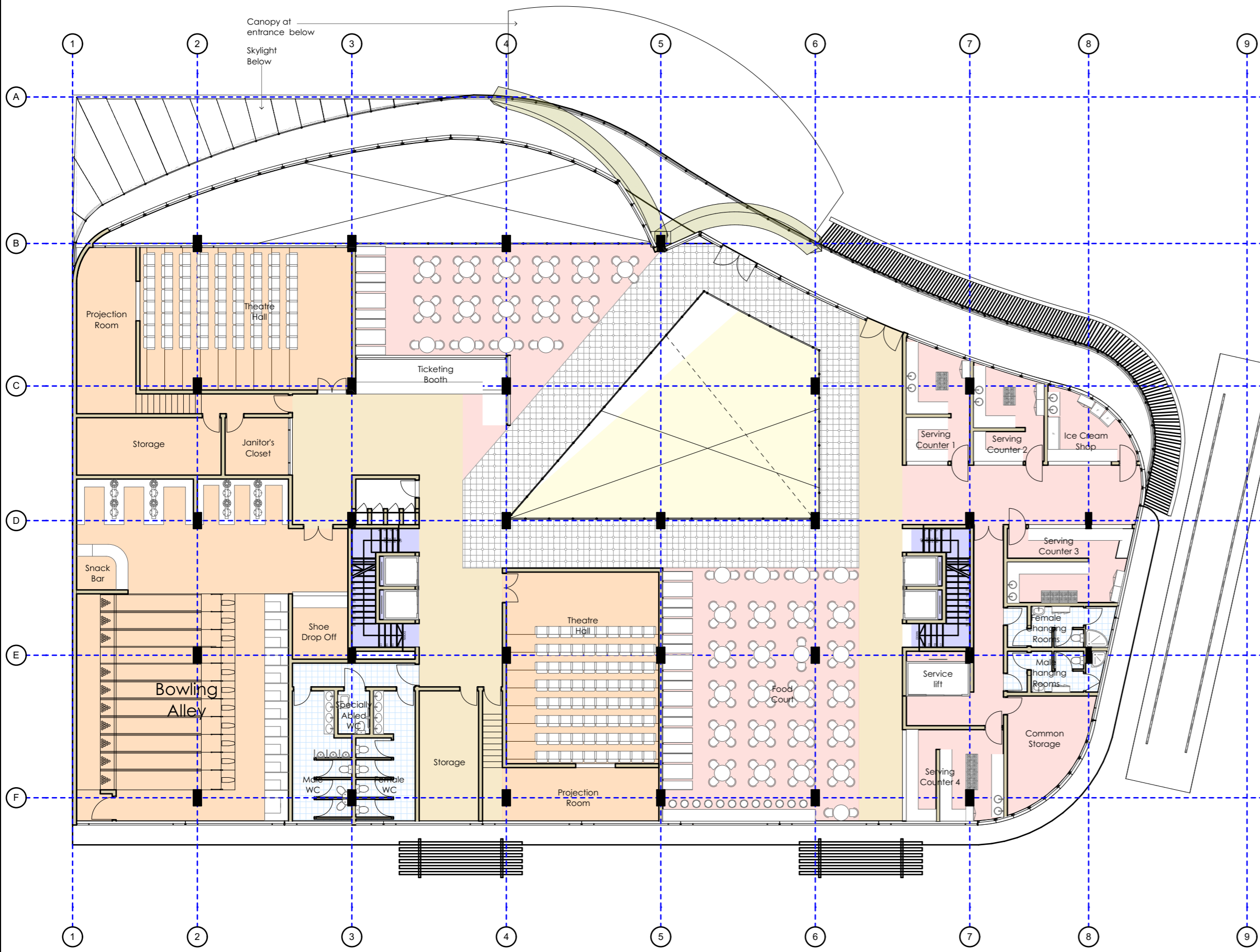
PROJECT
REDEVELOPMENT OF THE PROPOSED
NAIROBI GREATOR CBD

LOCATION
LOWER HILL LUSAKA ROAD AREA

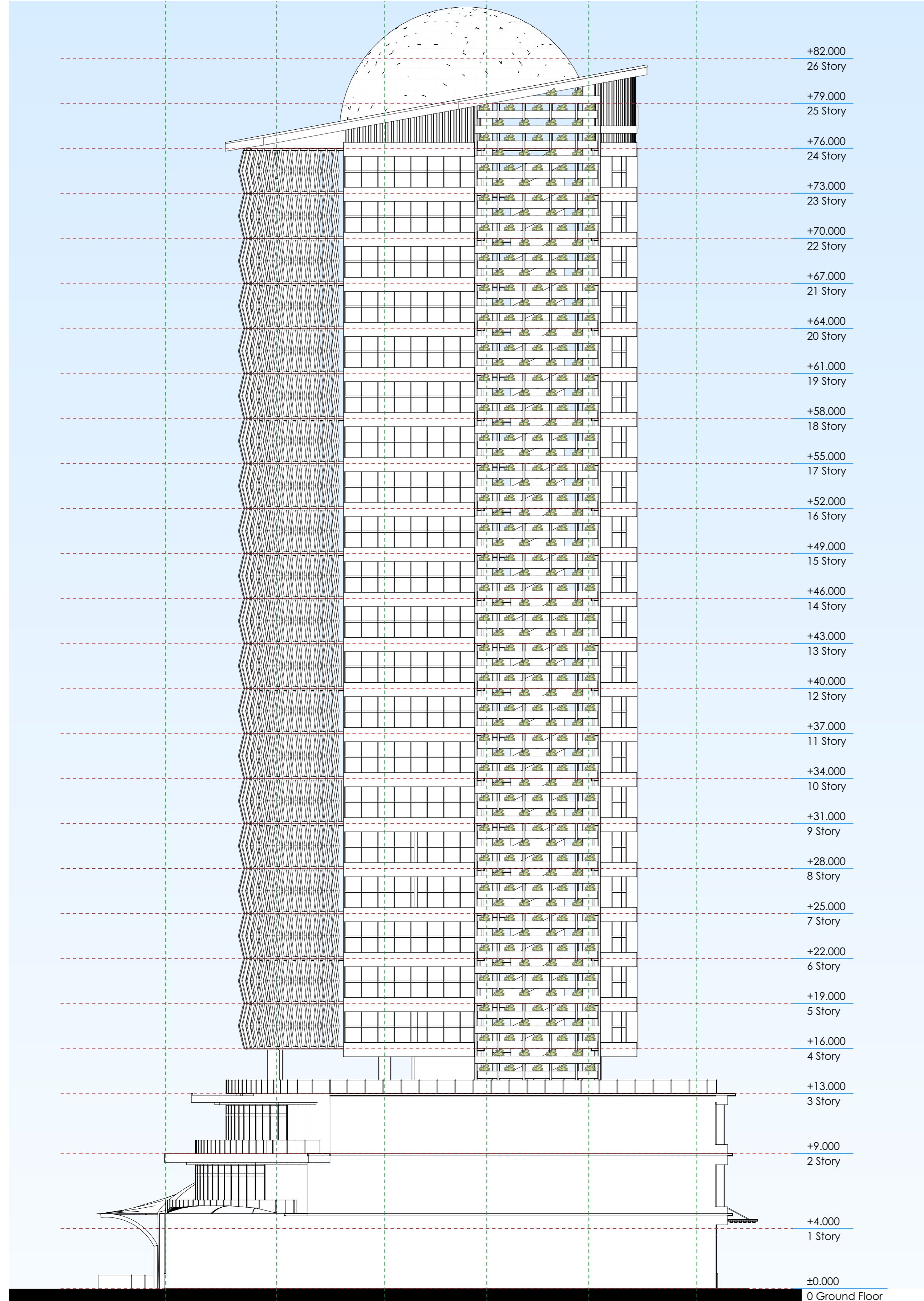
FIFTH YEAR
ADVANCED ARCHITECTURAL DESIGN

MUSYOKI CHARLES MBATHA
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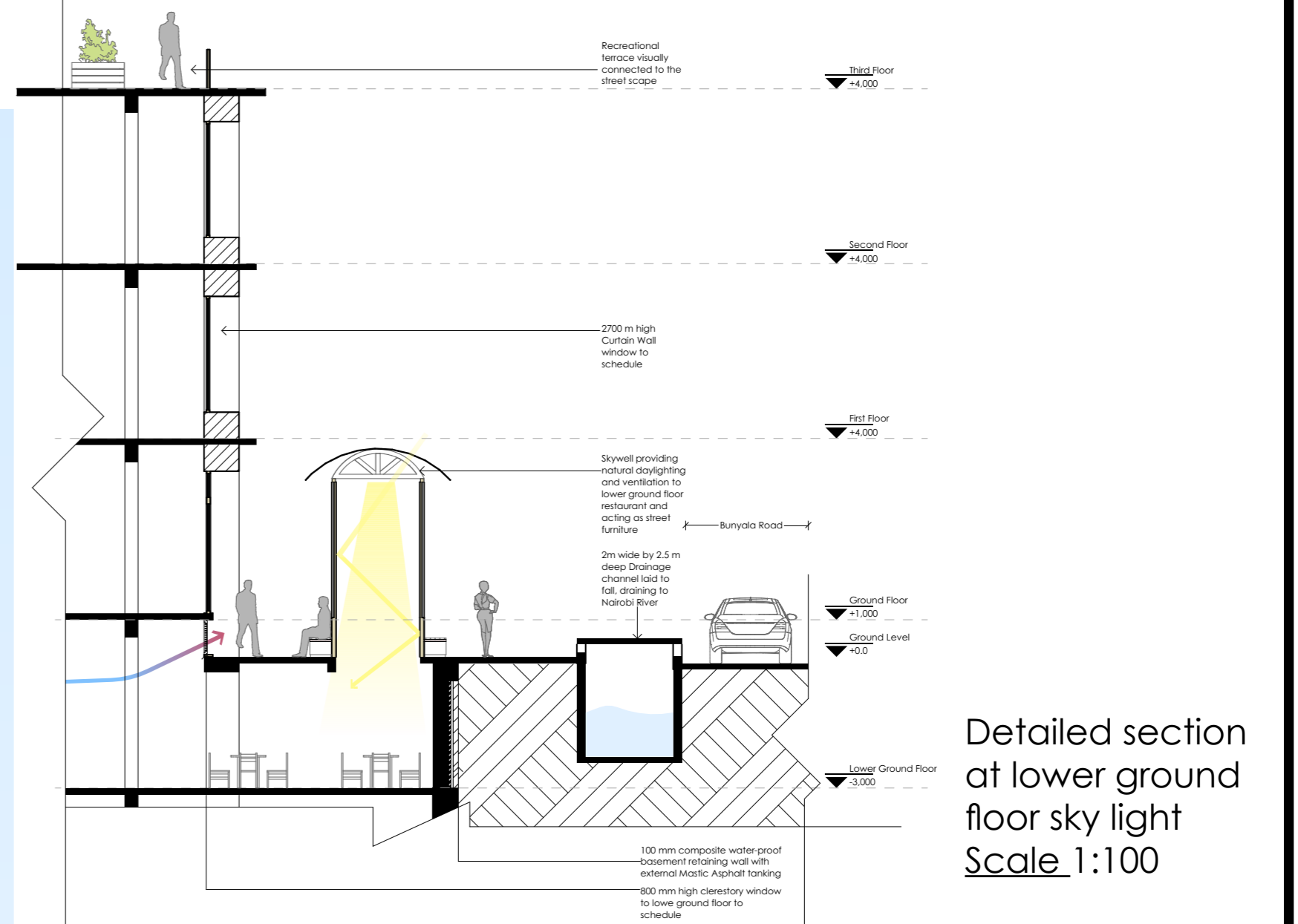
SCHEMATIC DESIGN



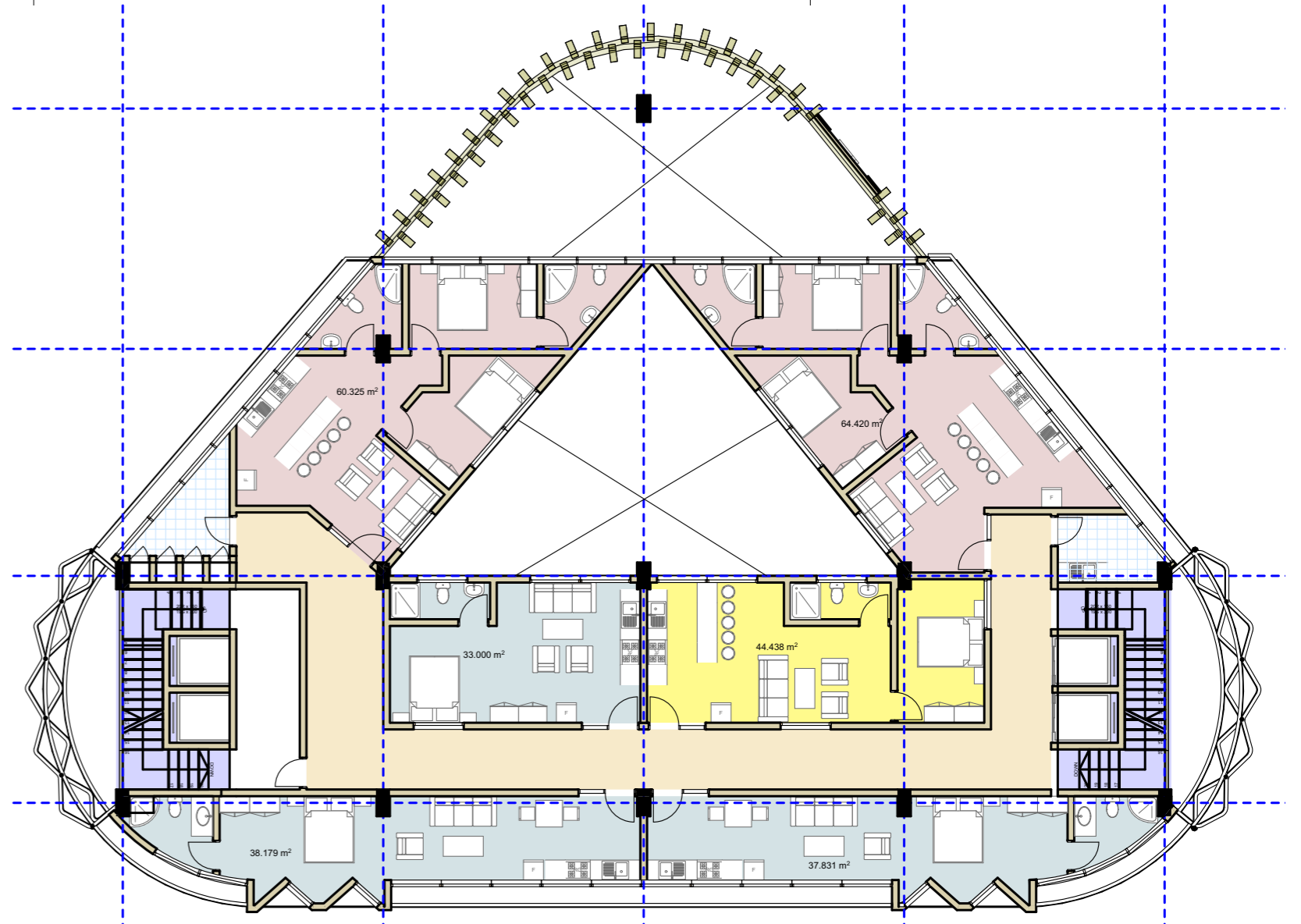
First Floor Layout
Scale 1:200



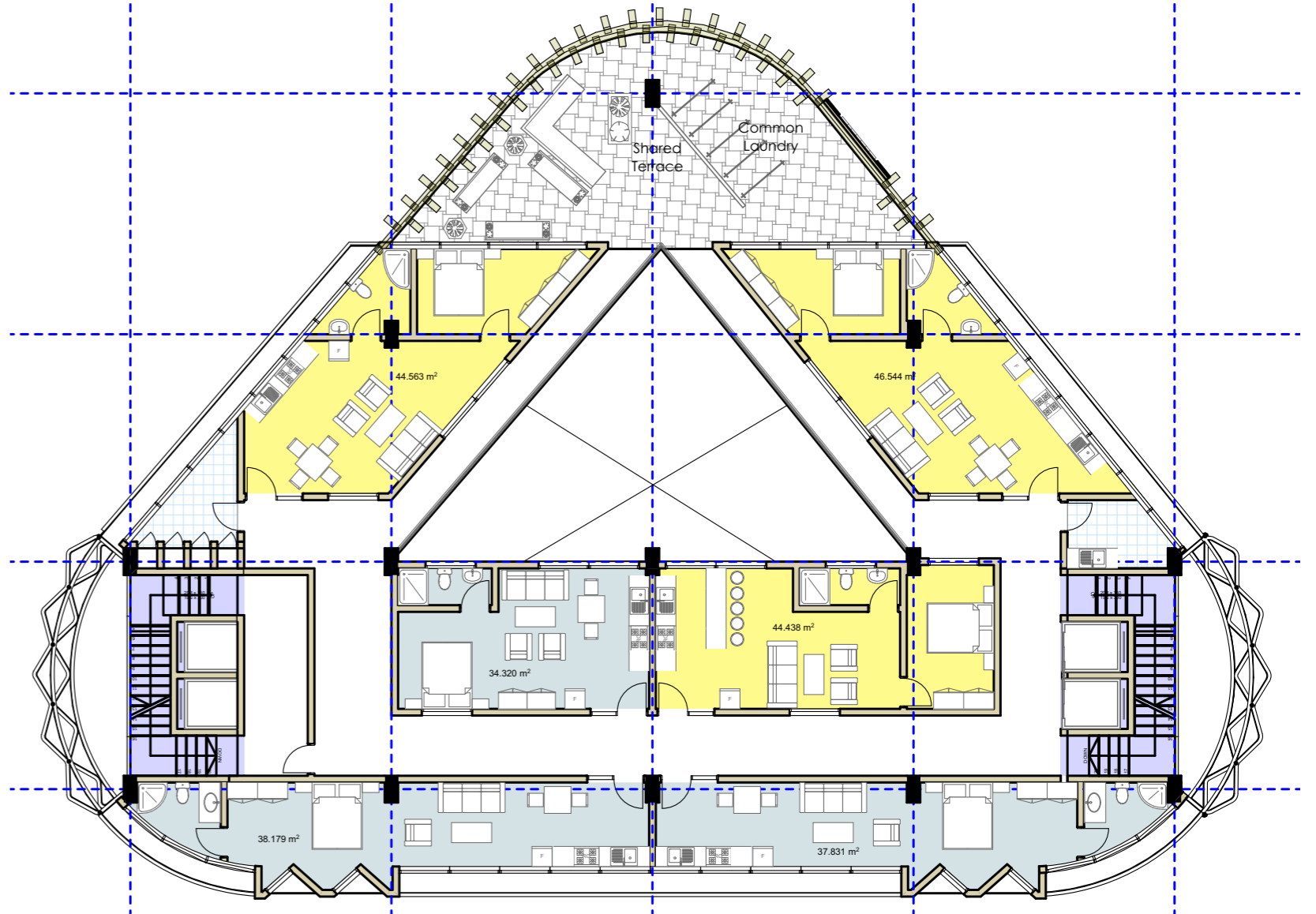
West Elevation
Scale 1:200



Detailed section at lower ground floor sky light
Scale 1:100



Typical Residential Floor Layout
Scale 1:200



Terraced Residential Floor Layout
Scale 1:200

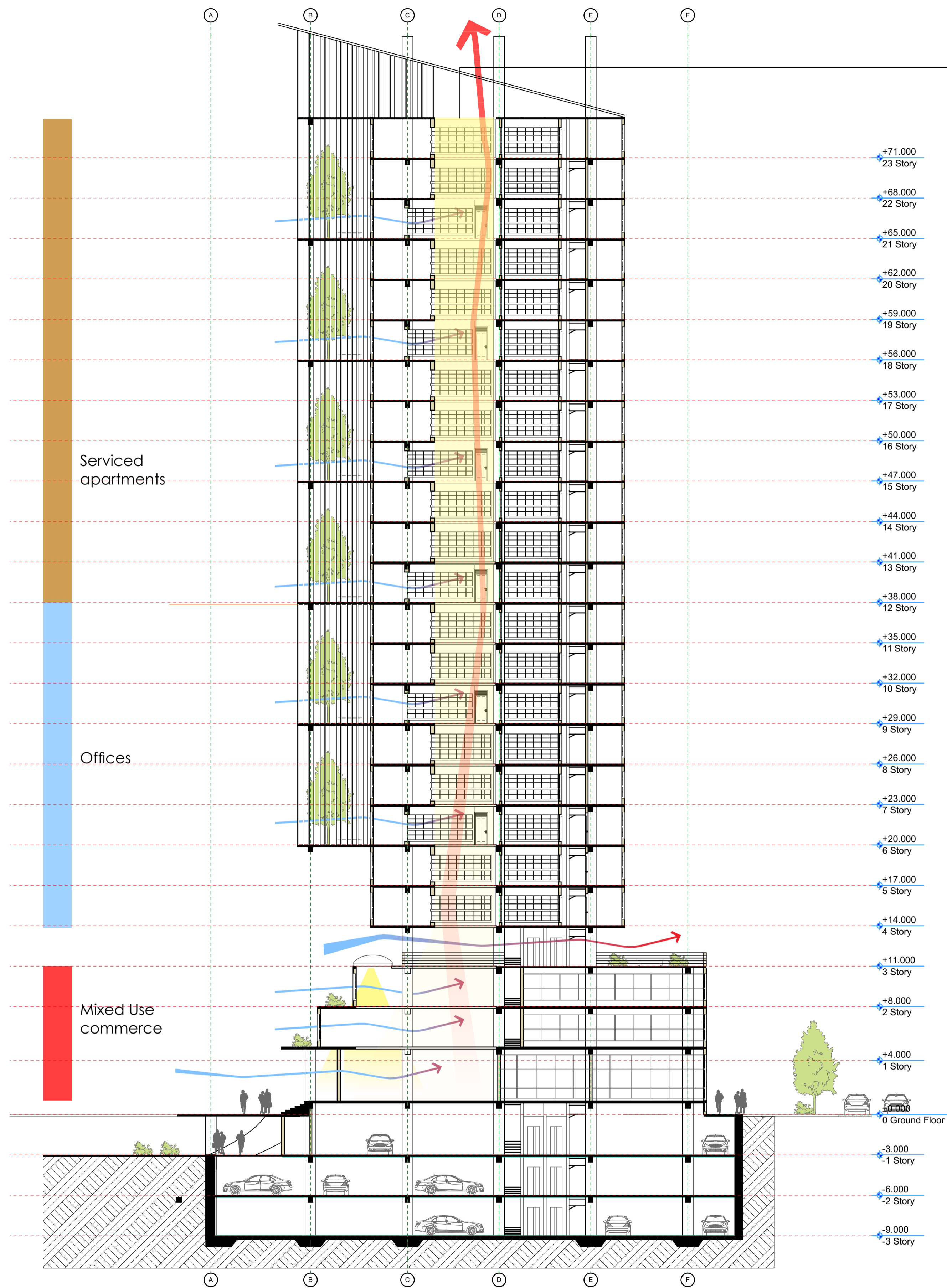
PROJECT
REDEVELOPMENT OF THE PROPOSED
NAIROBI GREATOR CBD

LOCATION
LOWER HILL LUSAKA ROAD AREA

FIFTH YEAR
ADVANCED ARCHITECTURAL DESIGN

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SCHEMATIC DESIGN



Open to sky

Green roof terrace to details

Stairs to details
Riser=150
Tread=300

Service Core

Alternated cantilever floor level allowing for lighting to atrium and ventilation

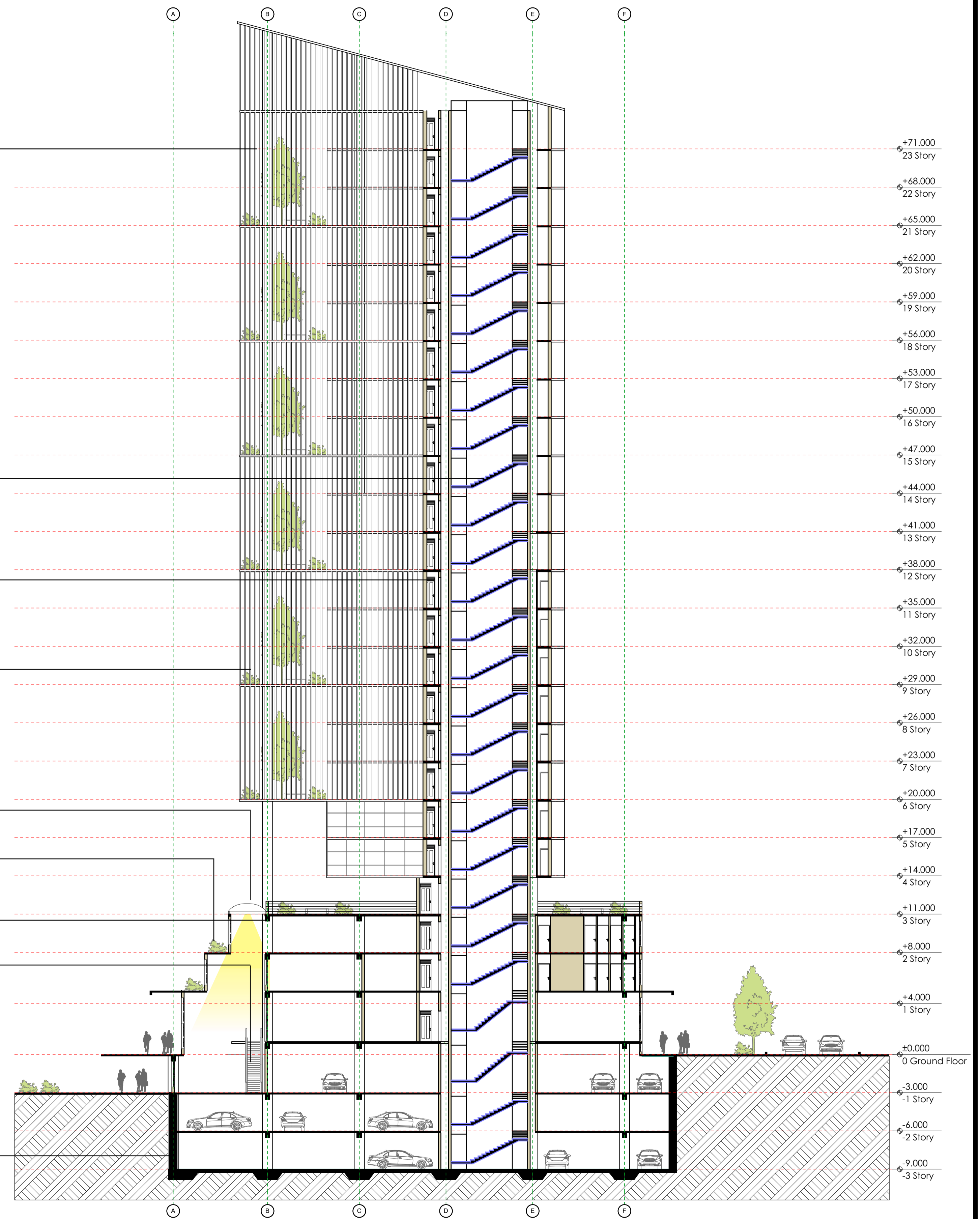
Skylight to details

Cascading green terraces

400mm deep beam to SE's details

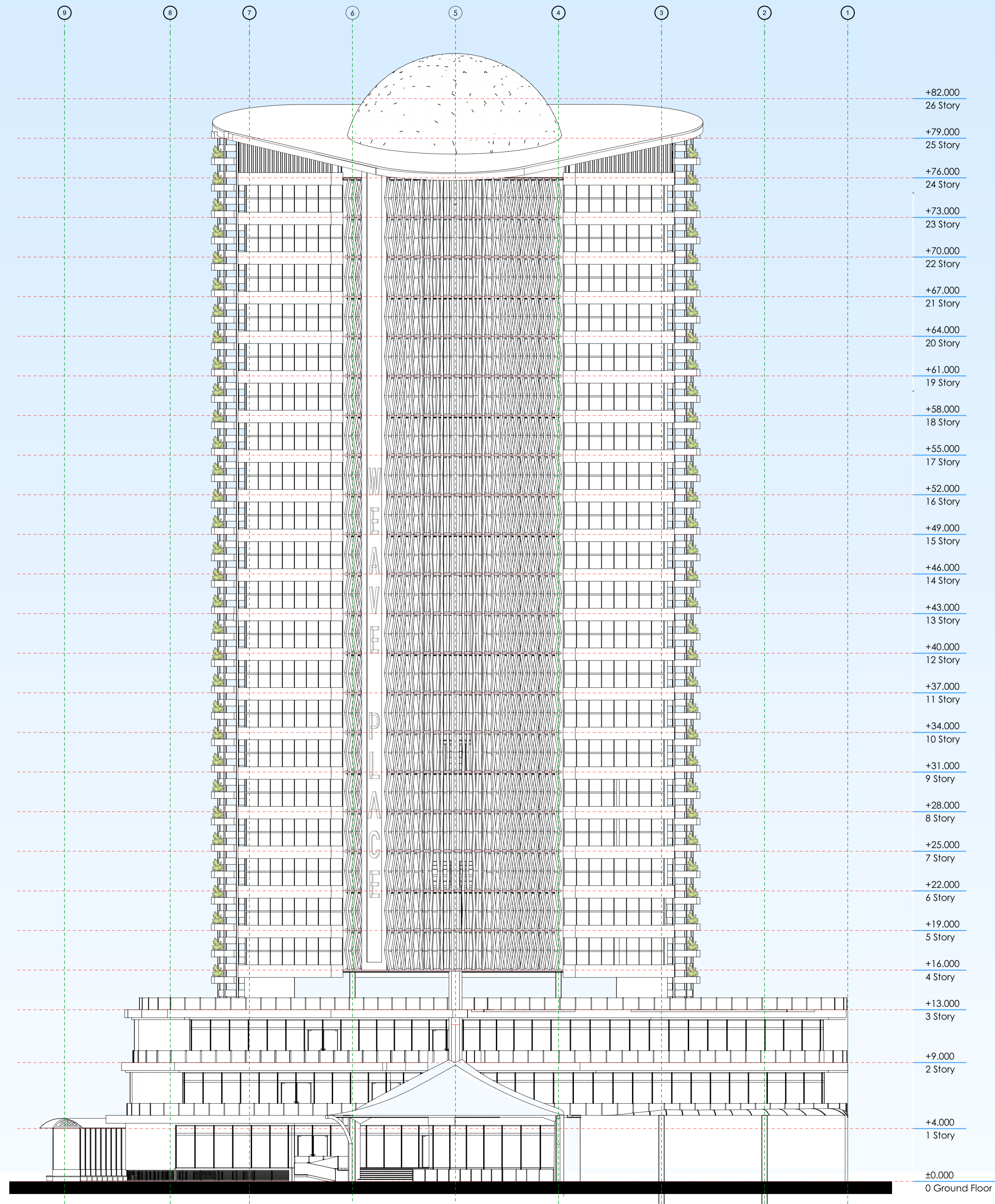
Escalator vertically linking lower ground and ground level
800x400 mm column on 1200x800mm pads to SE details

Section 01
Scale 1:200

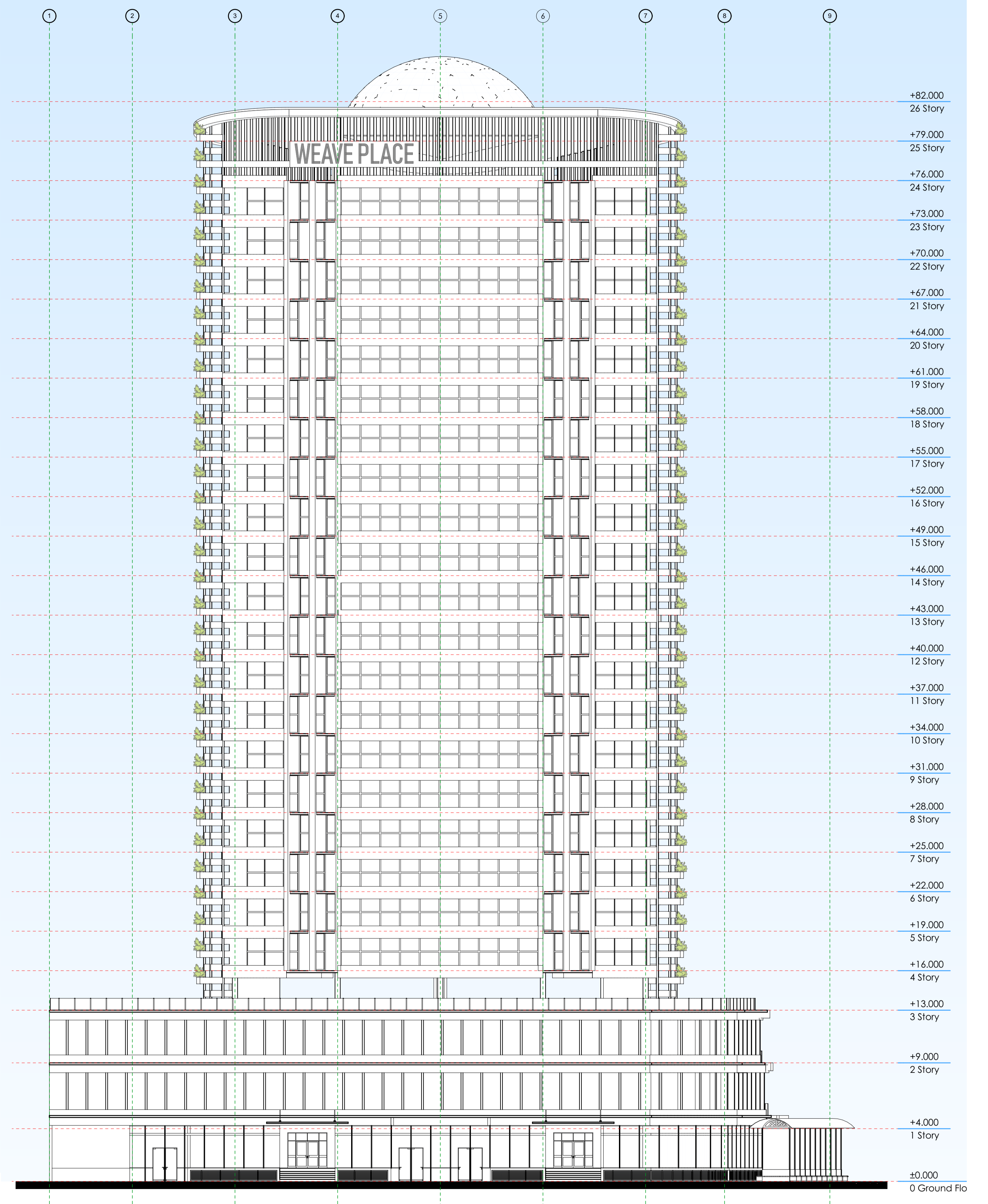


Section 02
Scale 1:200

SCHEMATIC DESIGN



North Elevation
Scale 1:200



South Elevation
Scale 1:200