

MCA INTERNATIONAL CLUB



**THE HOTEL / ACCOMMODATION FACILITY**

Two individual wings with 50 rooms and two suits each with separate lounges, dining facilities, briefing rooms for each visiting team.

**CLUBHOUSE:**

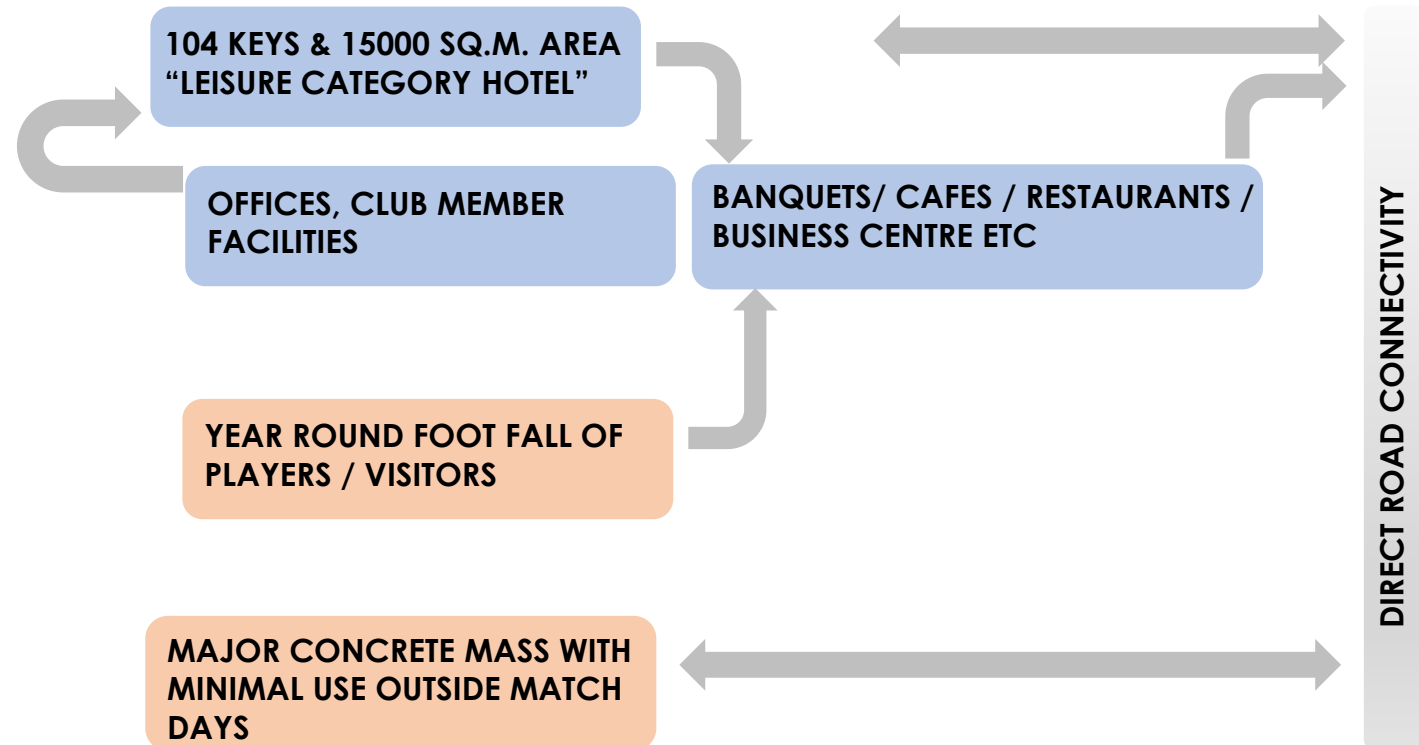
Administrative offices, conference rooms, ball room, banquet halls, business center, multi cuisine restaurants

**SPORTS-TRAINING FACILITY**

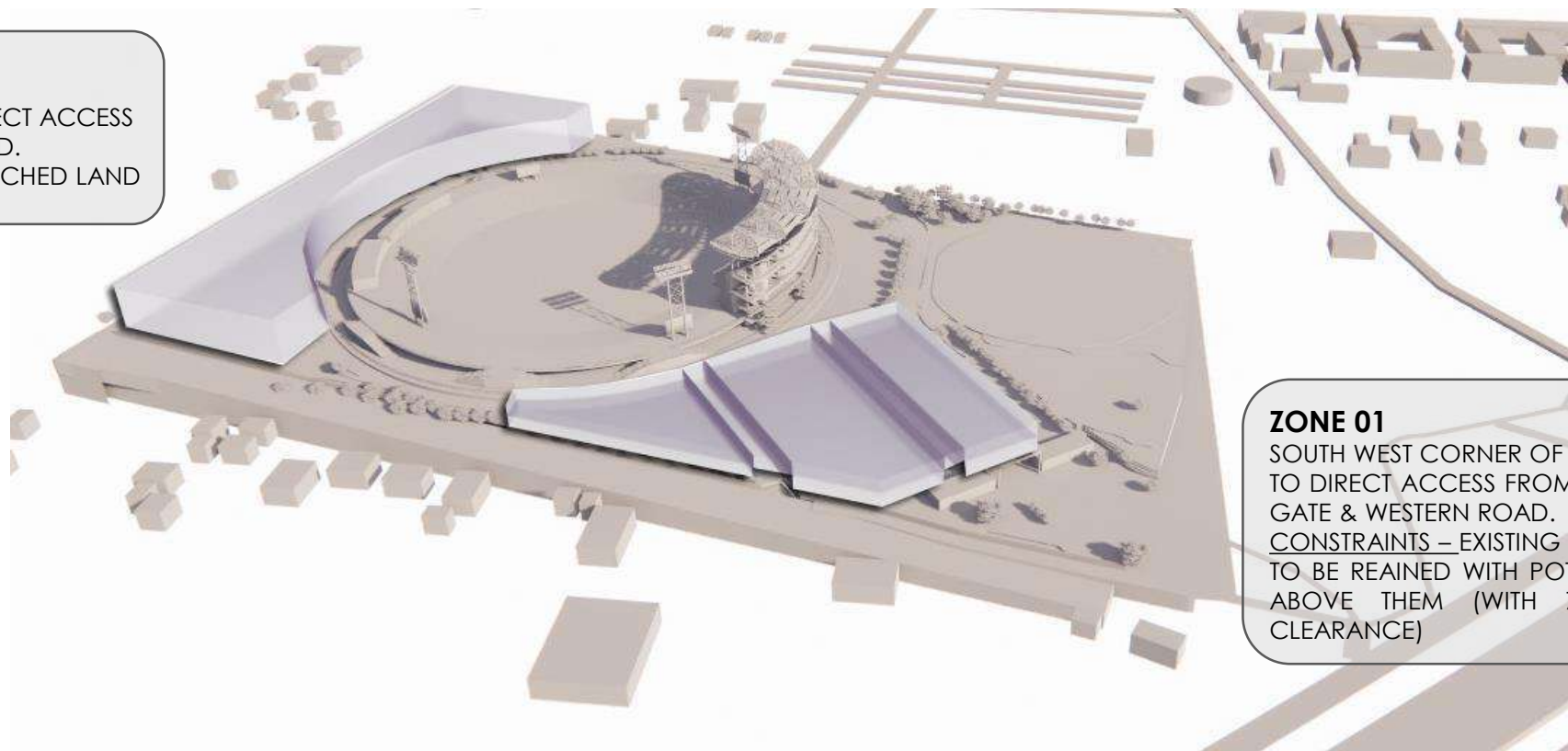
Along with indoor and outdoor practice nets, the facility to provide for multiple facilities for other sports including badminton, squash, pickle ball, futsal, table tennis etc. along with an Olympic sized swimming pool.

**PARKING FACILITY**

Making provision for around 1600 cars, two wheelers & cycles, supporting the stadium requirements.

**ZONE 02/03**

NORTH OF SITE  
CONNECTED TO DIRECT ACCESS  
FROM WESTERN ROAD.  
CONSTRAINTS – STRETCHED LAND  
PARCEL

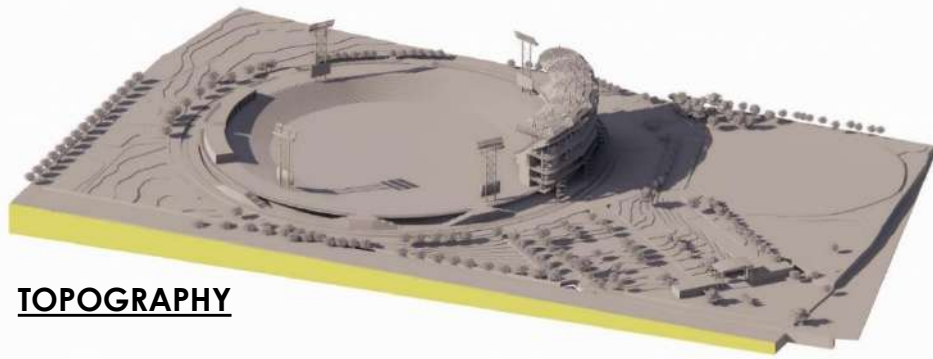
**ZONE 01**

SOUTH WEST CORNER OF SITE CONNECTED  
TO DIRECT ACCESS FROM CURRENT ENTRY  
GATE & WESTERN ROAD.  
CONSTRAINTS – EXISTING INTERNAL ROADS  
TO BE REAINED WITH POTENTIAL TO BUILD  
ABOVE THEM (WITH 7.5 M CEILING  
CLEARANCE)

# SITE APPRAISAL







## TOPOGRAPHY

11.5 m drop towards south (across site)

6.5 m drop from south of stadium to entrance (1:20 slope)

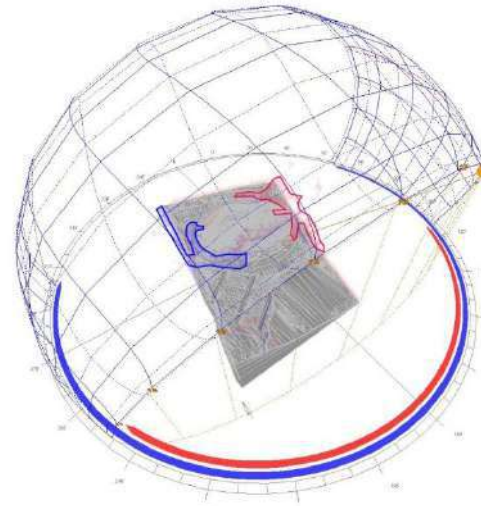
## TAKE AWAY

Western edge steep slope with bio-diversity – to be preserved

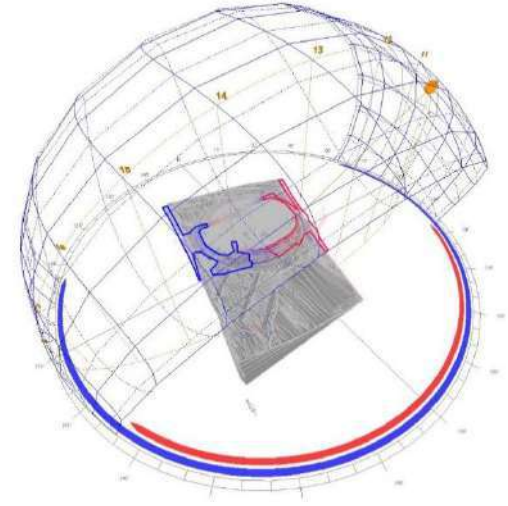
Overall site grading with slope to the south – to be retained to avoid watershed disruption

South west wind flows to be optimized

## SOLAR SHADING (STUDY - DEC 21)



## SOLAR SHADING (STUDY - MAR 21)



## GREEN DENSITE (WESTERN EDGE)



## ALIGNED GREENS (NORTH EAST)



TOPOGRAPHY/ LANDSCAPE





TRAFFIC ANALYSIS

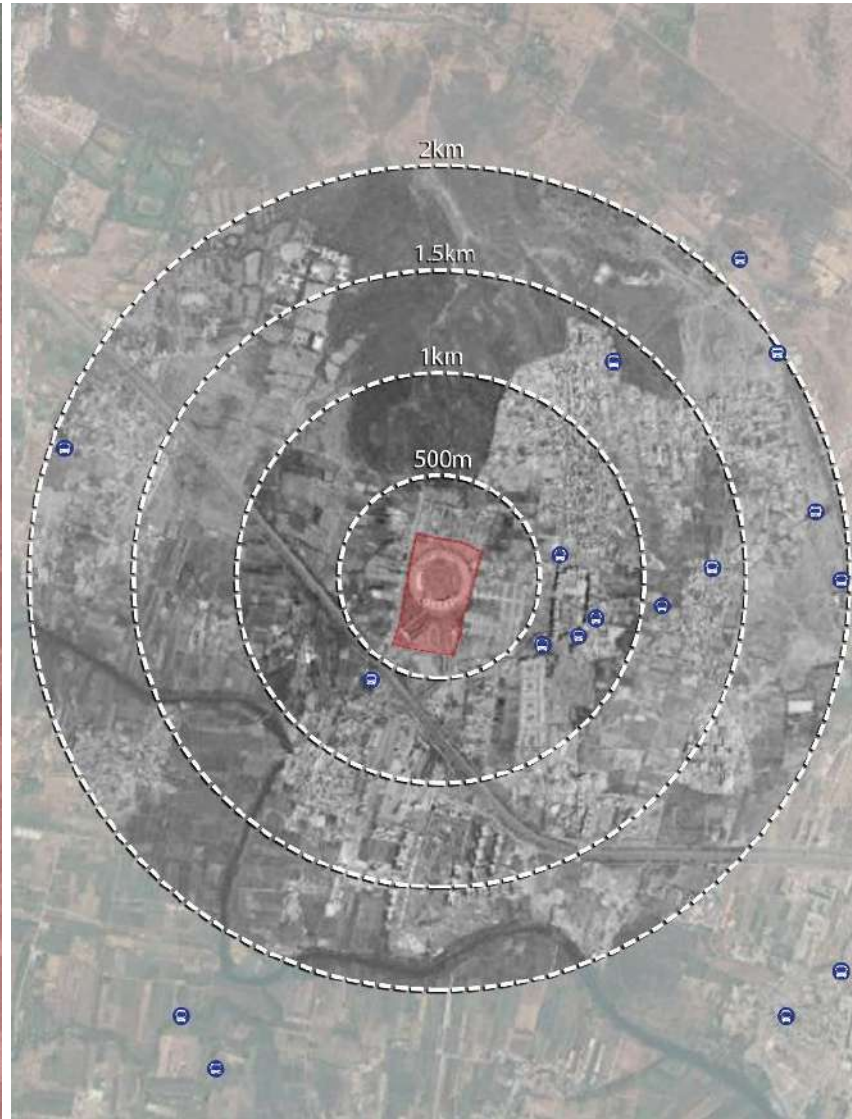
- PROPOSED ROAD
- TRAFFIC FROM PCMC
- TRAFFIC FROM MUMBAI

**ANALYSIS:**

Proposed DP Road at North will ADD substantial traffic on to the Western Road.

**TAKE AWAYS:**

Reducing Traffic pile up on Match days will be crucial.



PUBLIC TRANSPORT

- BUS STOP
- PROPOSED SITE

**ANALYSIS:**

No Public transport in 500M (Max Walking Distance)

**TAKE AWAYS:**

Planning for a Transport hub within the site may help impact on Traffic



DP APPRAISAL

- RESIDENTIAL ZONE
- PUBLIC UTILITY ZONE
- PUBLIC SEMI- PUBLIC ZONE
- PROPOSED ROAD

**ANALYSIS:**

High Density – High Rise development on the West of site will Impact & get Impacted by the Stadium.

**TAKE AWAYS:**

Planning for a Transport hub within the site may help impact on Traffic





## DESIGN CONCEPT





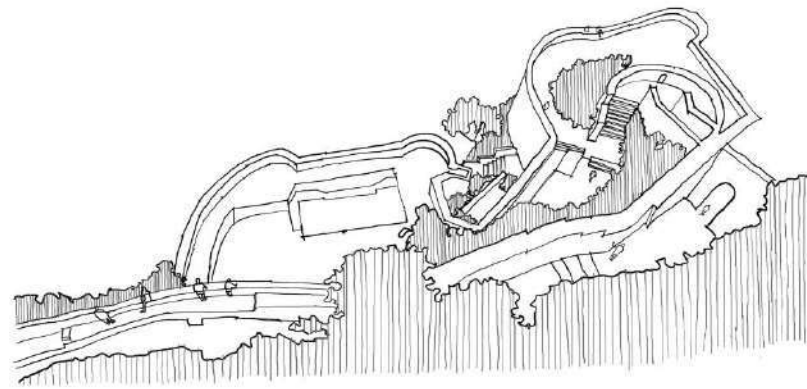
## LOCAL CONTEXT

### ANALYSIS:

Strong Local context of hills & un avoidable curves / Arcs of the stadium.

### TAKE AWAYS:

Form evolution will have to complement the strong geometric reference to the stadium arcs & form a Vista to frame the natural context.



## USE CONTEXT



## REGIONAL CONTEXT

The built-form, for its proximity to the Stadium should be representative of the region and culture of the city housing the stadium and hosting the sport. Chidambaram Stadium (Chennai) is recognized by the aerial photography of the coast line during the match. Similarly, the HPCA Stadium (Dharamshala) is linked to the views of the mountains. To achieve this regional representation, the planned structures in the vicinity of the stadium campus must draw from the regional context, the local geography and the historical/ cultural context of the city housing the stadium.

### ANALYSIS:

Since a Stadium is often associated with its Cultural, Geographical, Regional uniqueness & Heritage, the Fort Architecture of Pune District becomes an obvious choice of reference.

### TAKE AWAYS:

Geographical & Local context requires Referencing in Form evolution & Architectural details.



### ANALYSIS:

#### SITE / PARKING

Critical Use – Match Day Events

Rare But Critical – Non Match Day Events

#### HOTEL / CLUB HOUSE

Critical Use – Match Days Circulation & Amenities

#### SPORTS & TRAINING FACILITY

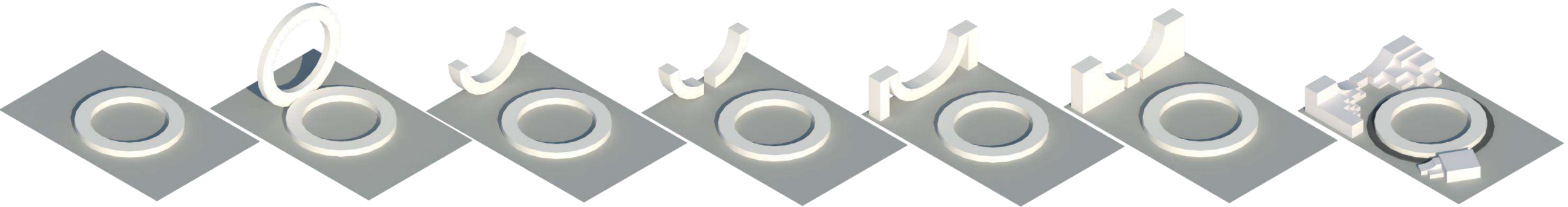
Critical Use – Public Sports

### TAKE AWAYS:

Design of each block will require to consider DUEL USE on Match days & Non Match days.

## LOCAL, REGIONAL & USE CONTEXT





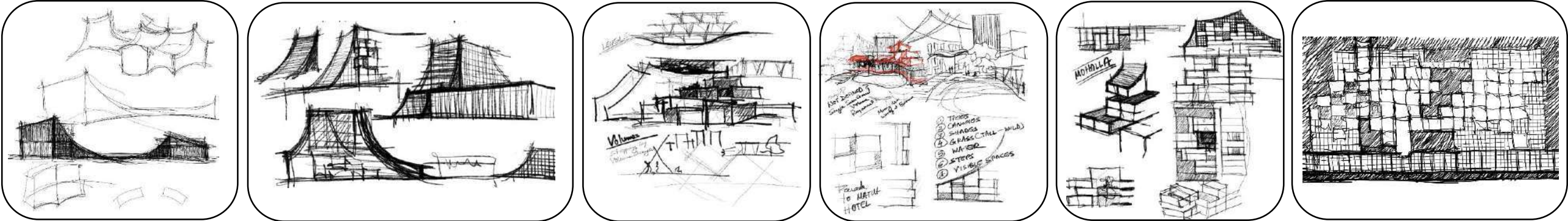
FORM EVOLUTION

The Crescent of the cricket ground becomes the starting point of the design. The crescent frames the local feature (the hill) forming an axis with the pitch and the stand. The form is then split to create three blocks marking the Hotel in zone 02 (with proximity to the Development plan Road), the Aquatics center in the middle & the Club house & Sports Training facility to the North East (Zone 03)



SPATIAL INTERPRETATION OF CONTEXT

The Proposed Design draws from the Utilitarian aspects in the architecture of the Maharashtra forts. The varied spatial typologies of terraces, arches, stairs and bastions are re-interpreted to flesh out the architectural character over the skeleton of the crescent form.



EVOLVING DETAILS / IDENTIFYING MATERIALS

Spatial Details draw from the regional Architectural context of Forts & Bastions, Stairs & Terraces, Organically evolving spaces & Geometric abstraction.

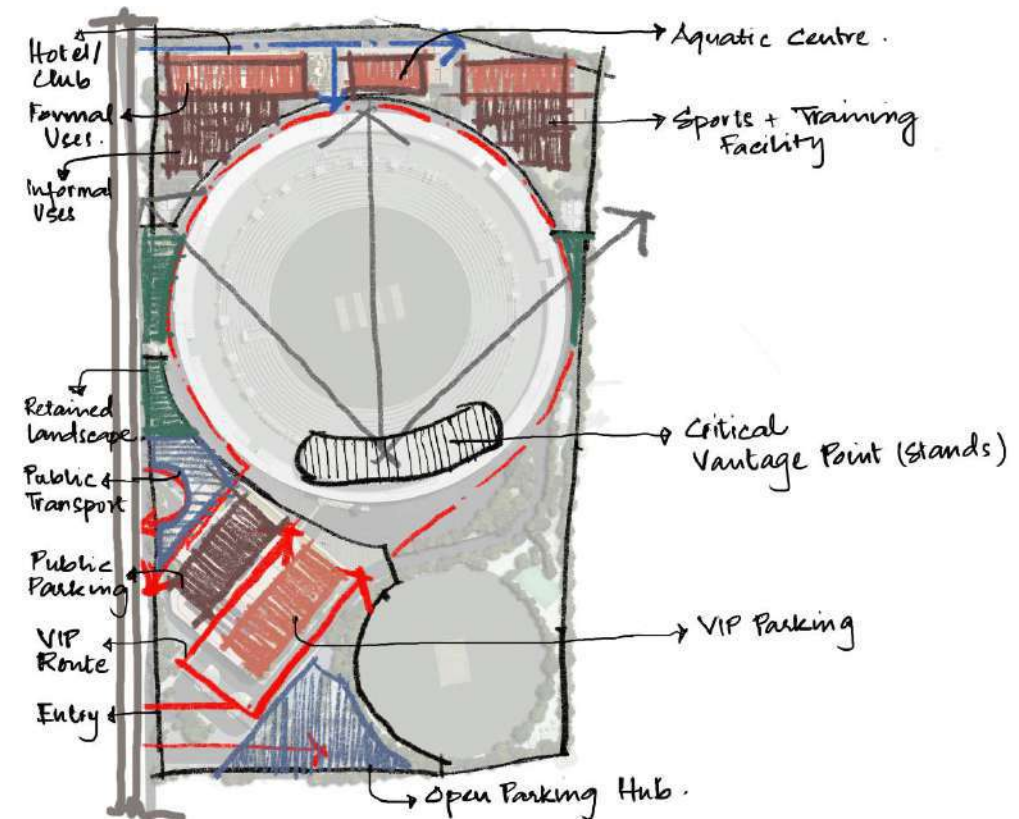
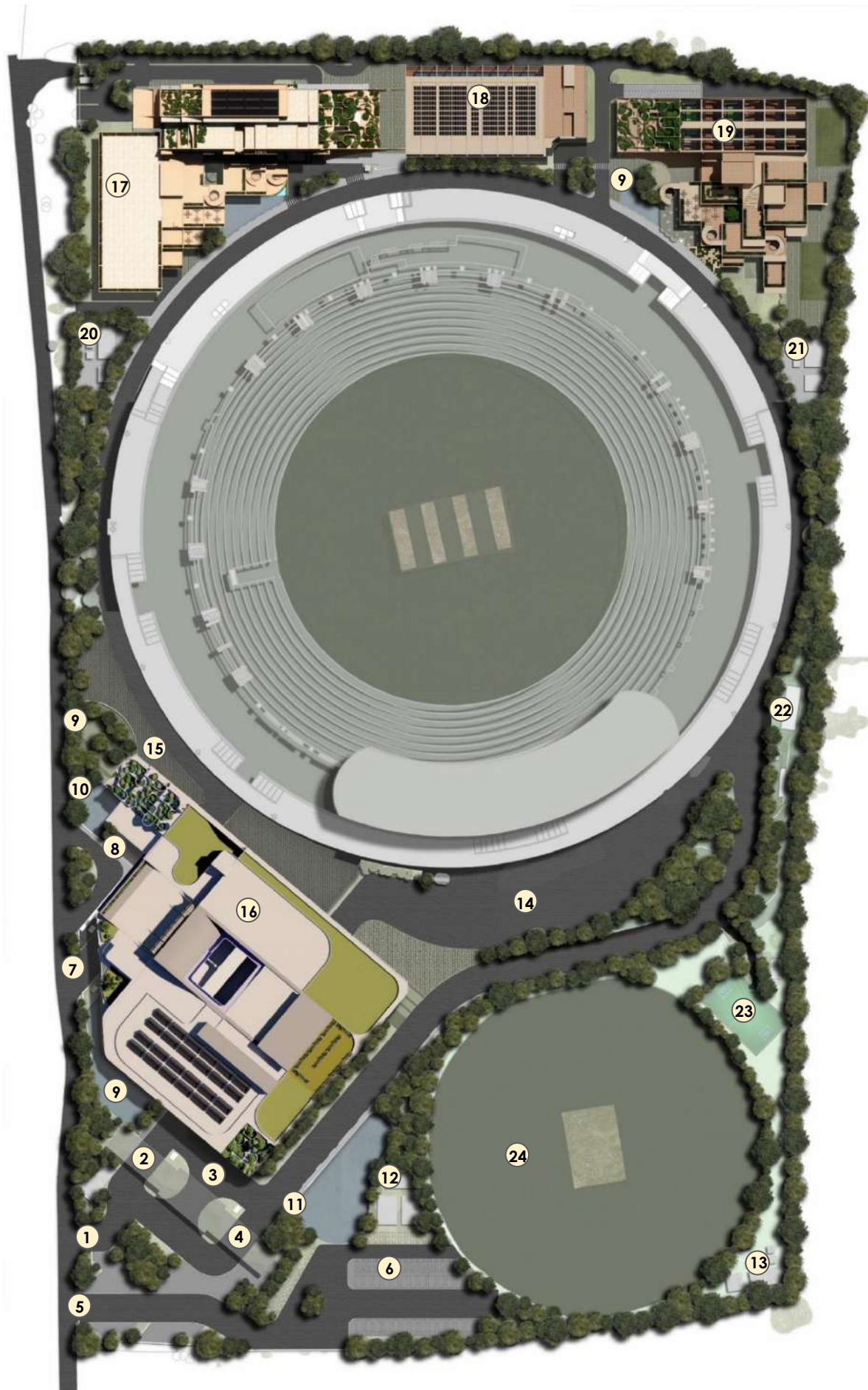
Materials suitable for the Design are identified to minimize Carbon Footprint & achieve Micro Climatic comfort.





# MASTERPLANNING



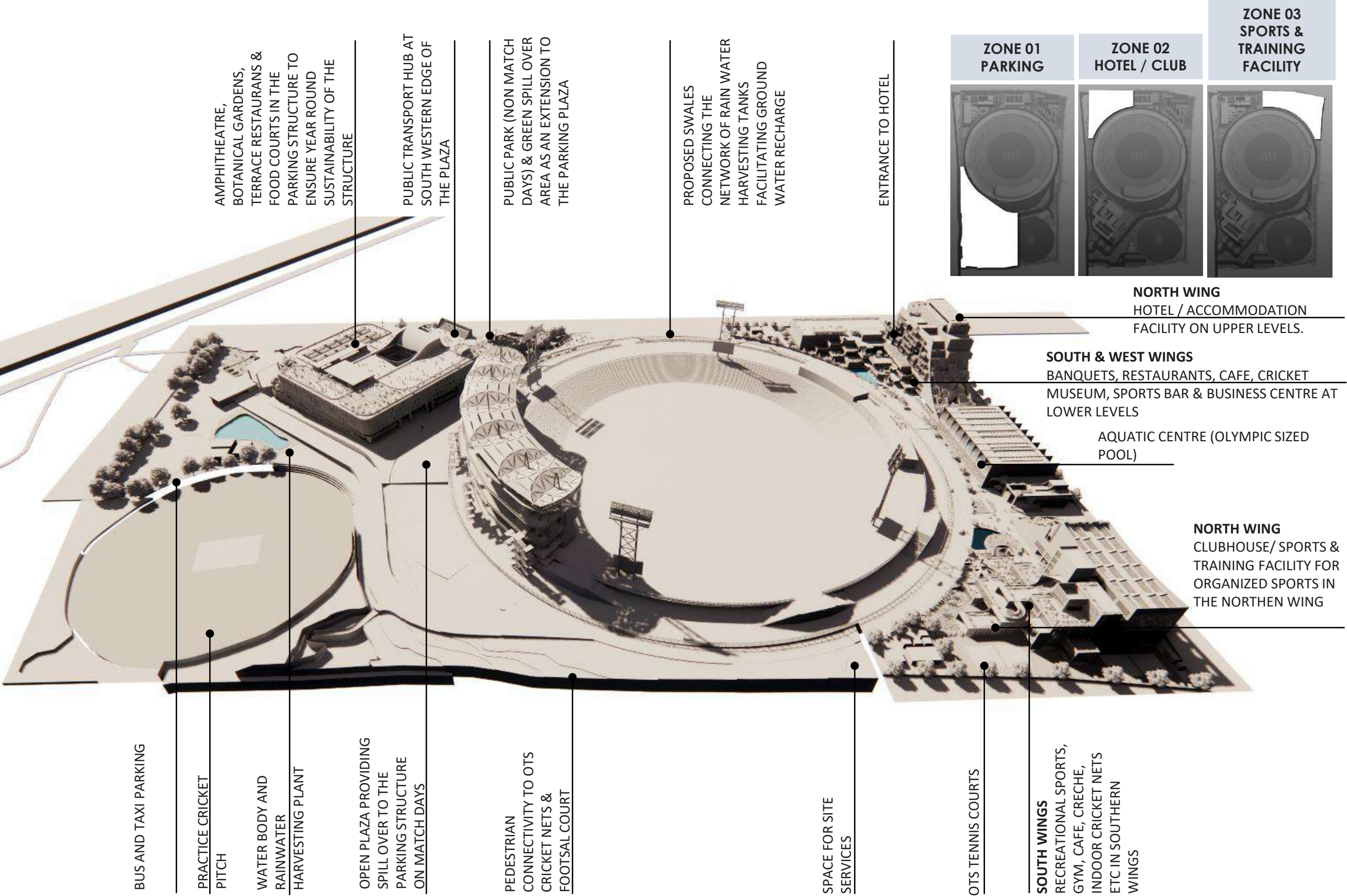


## LEGENDS

1. MAIN ENTRANCE GATE
2. VIP ENTRY/EXIT
3. FIRE TENDER ACCESS
4. PUBLIC VEHICULAR ENTRY
5. HEAVY TRANSPORT VEHICLE ENTRY
6. HTV PARKING / TAXI PARKING BAYS
7. PUBLIC VEHICULAR EXIT
8. BUS STOP AND PEDESTRIAN PLAZA ENTRY
9. PUBLIC PARK (NON-MATCH DAY)
10. RAIN WATER HARVESTING PONDS
11. RAIN WATER COLLECTION TANK
12. WATER FILTRATION PLANT
13. BUILDING SERVICES (TRANSFORMER/DG)
14. PLAYERS' HOLDING AREA
15. WEST PLAZA & SPILL OVER AREA
16. STADIUM PARKING BLOCK (ZONE 01)
17. HOTEL/PLAYERS' ACCOMMODATION BLOCK (ZONE 2)
18. AQUATICS CENTRE
19. CLUBHOUSE/SPORTS & TRAINING CENTRE
20. BUILDING SERVICES (HOTEL)
21. BUILDING SERVICES (CLUB HOUSE/ SPORTS CENTRE)
22. SERVICES AREA (STADIUM)
23. FOOTBALL GROUND
24. CRICKET GROUND

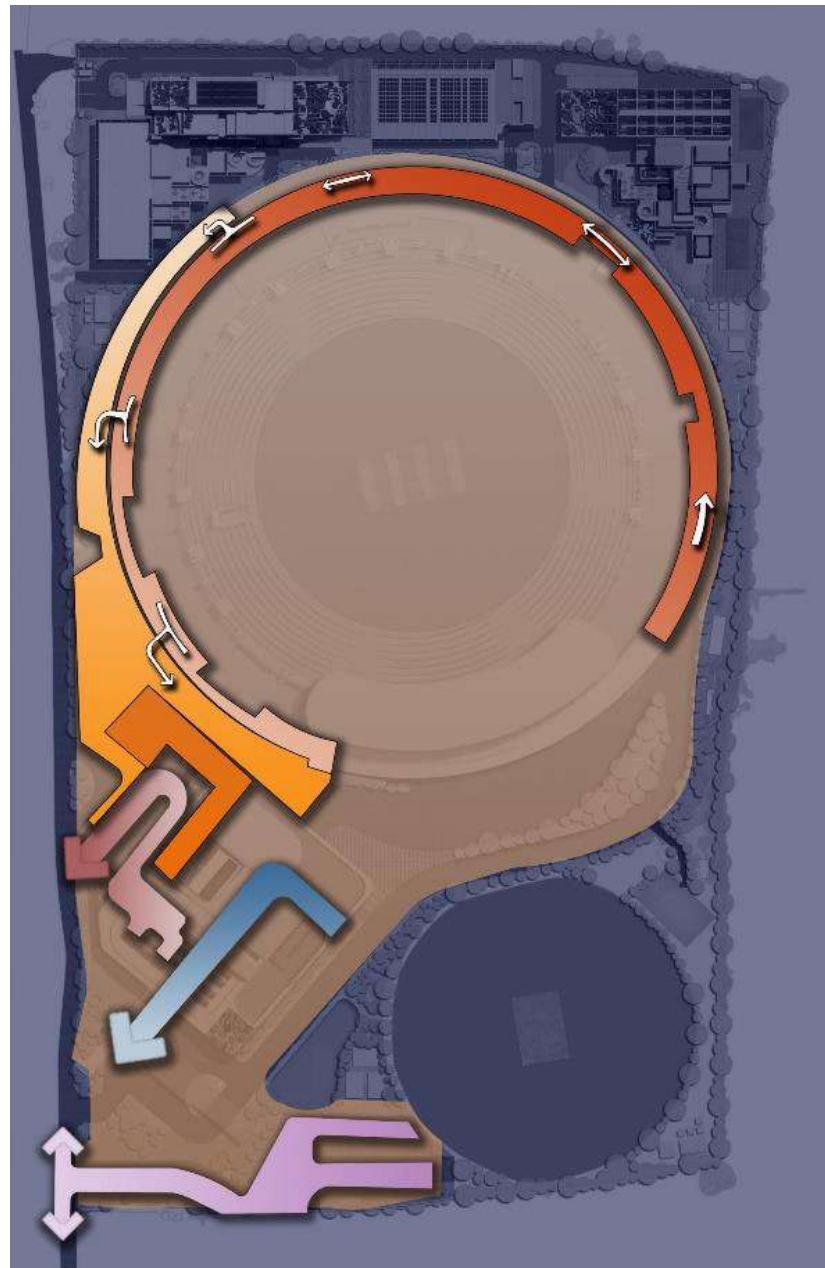






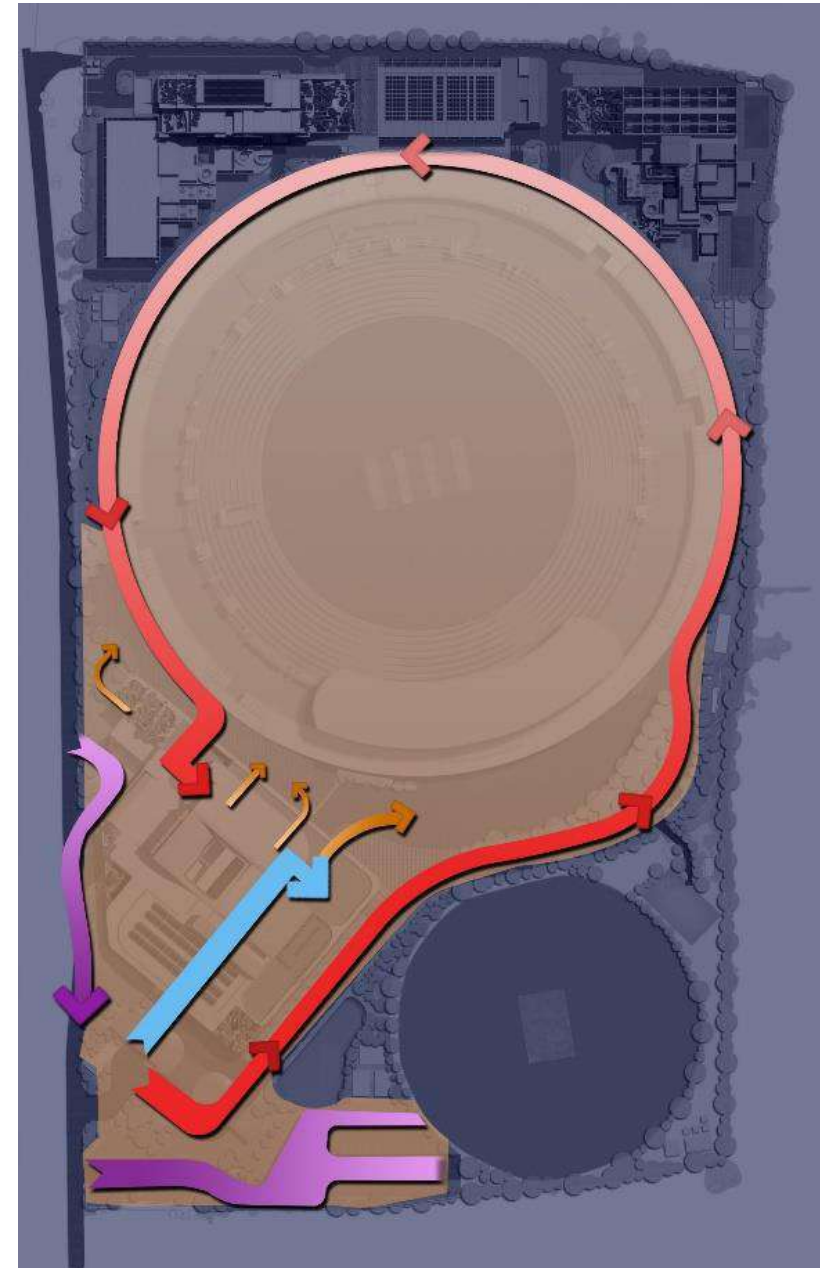
LAYOUT SCHEMATICS





- PUBLIC & PRIVATE TRANSPORT VEHICLE
- VIP VEHICLE
- PUBLIC TRANSPORT ZONE
- ACTIVE ZONE
- PEDESTRIAN EGRESS

### MATCH DAY EGRESS



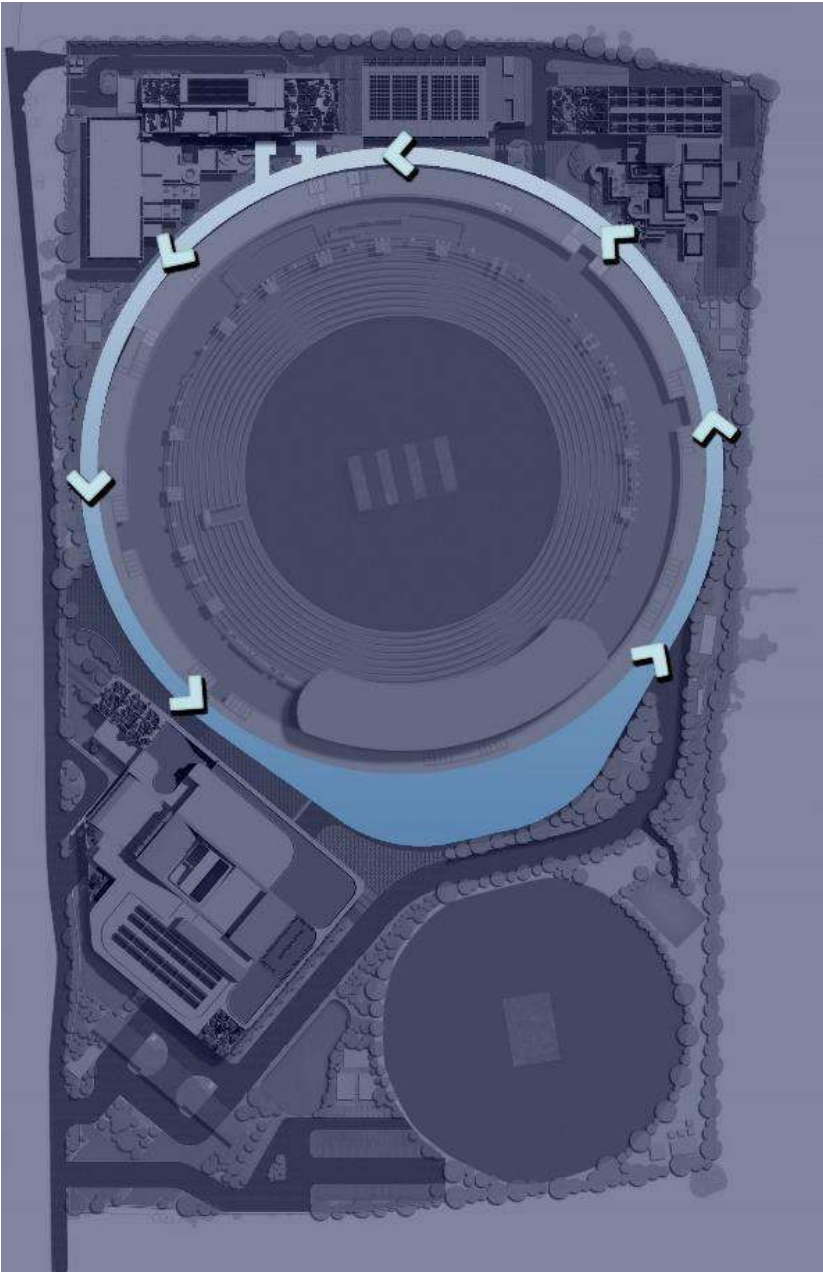
- PUBLIC & PRIVATE TRANSPORT VEHICLE
- VIP
- WAY TO STADIUM STANDS
- GENERAL PUBLIC
- ACTIVE ZONE

### MATCH DAY INGRESS

Match-Days “govern” the planning for circulation within the stadium campus and “influence” the circulation outside the stadium. 40-50 thousand people visiting the stadium via various modes of transport need to be seamlessly brought in up to their seats without creating bottlenecks. The Cars and Two wheelers once let into the gate have a perimeter length of 958 meters - accommodating around 380 cars between the gate and the parking structure. This intervention should enable easing of traffic on approach roads to the stadium.

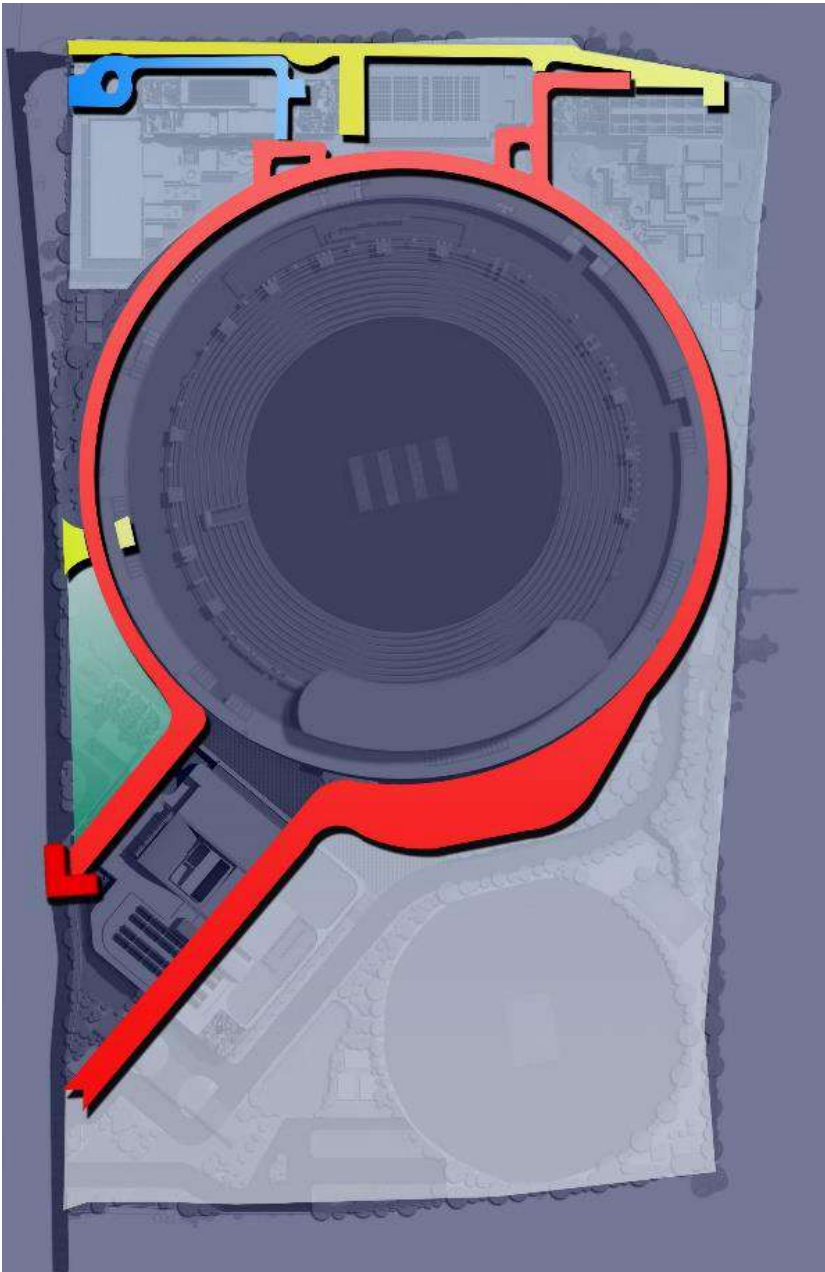






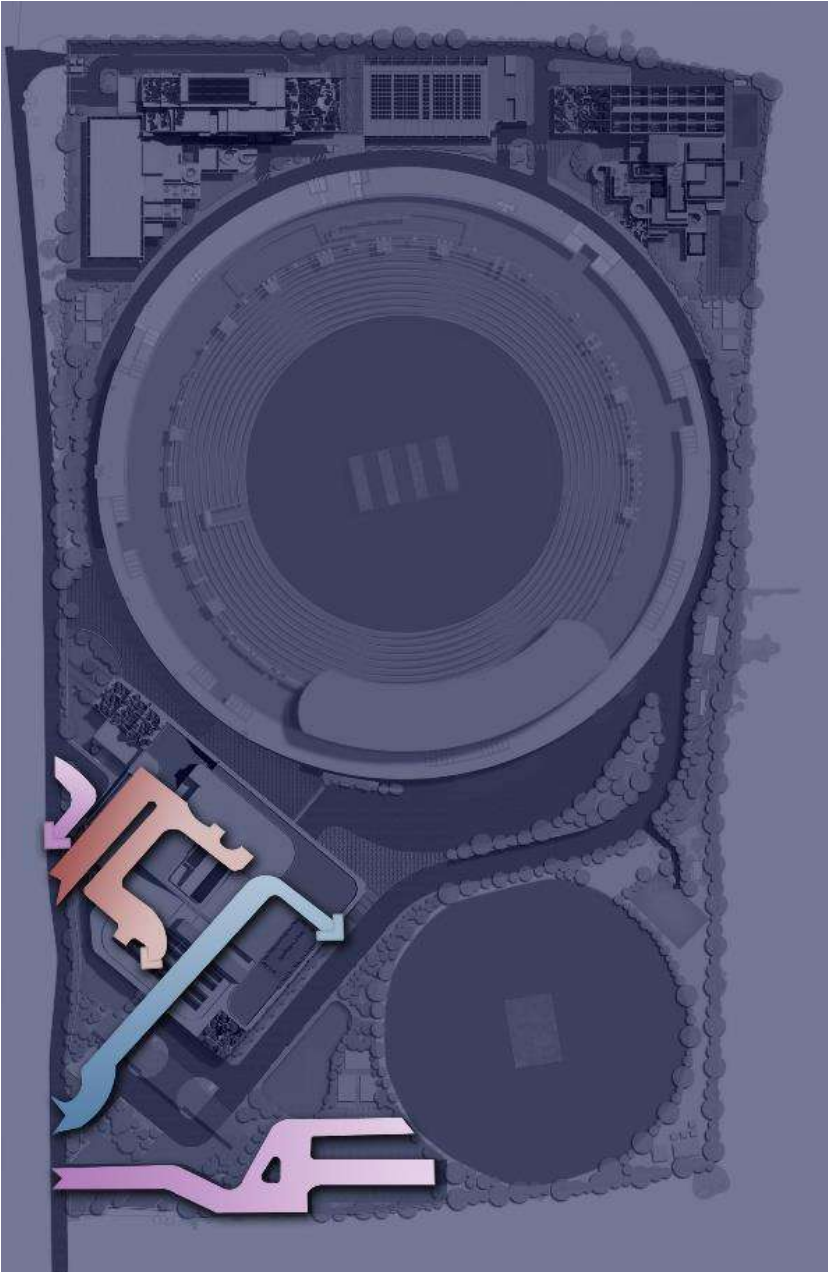
PLAYERS MOVEMENT

PLAYERS MOVEMENT



NON-MATCH DAY CIRCULATION

GENERAL PUBLIC  
SERVICE  
VIP  
GENERAL PUBLIC  
ACTIVE ZONE



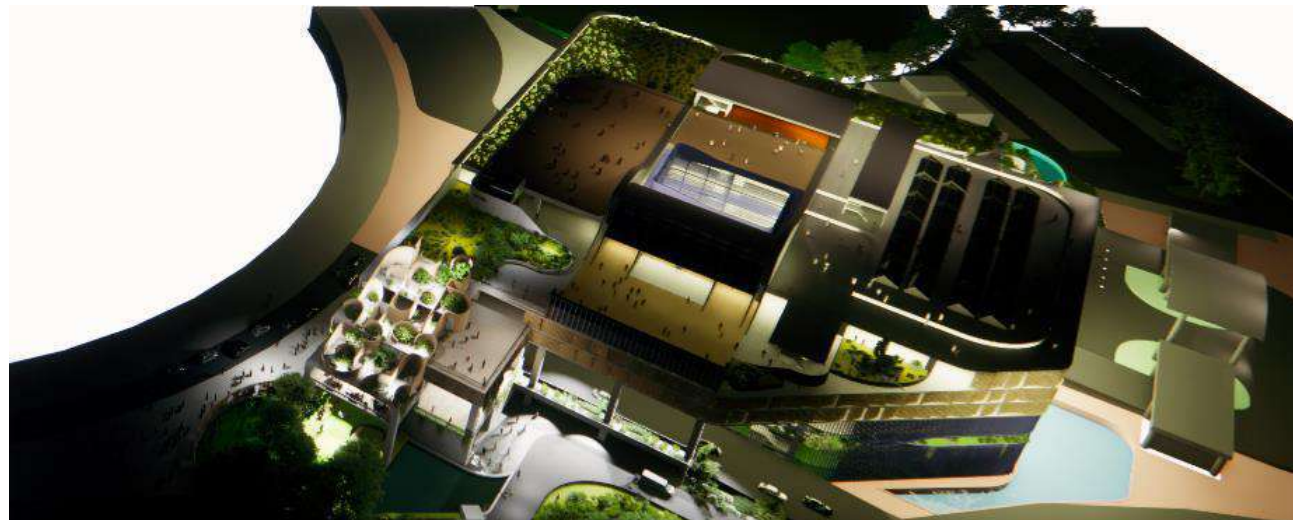
NON-MATCH DAY: PUBLIC EVENT

VIP  
VEHICULAR  
GENERAL PUBLIC

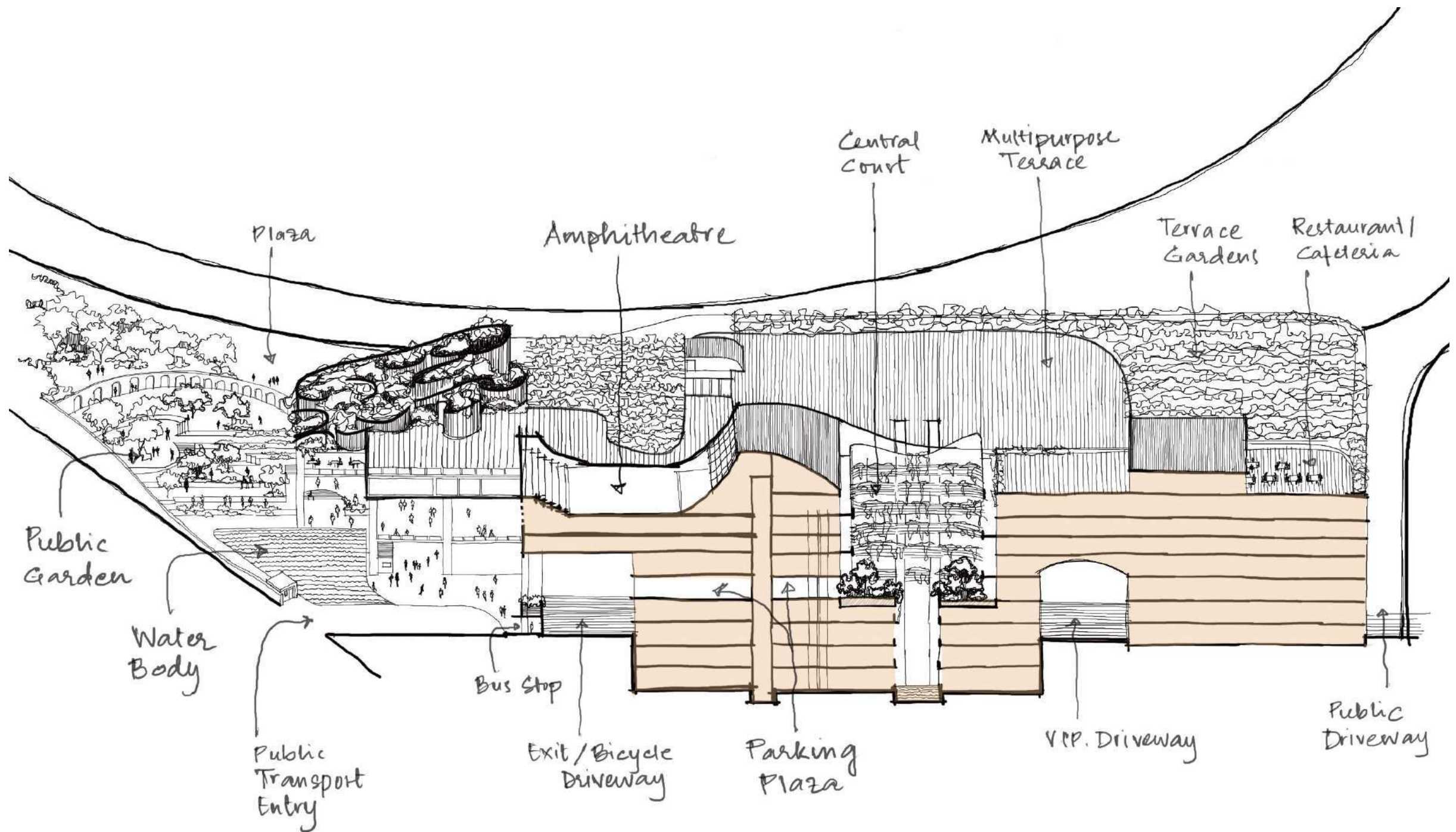


# ZONE 01

## PARKING FACILITY & PUBLIC SPACE







SCHEMATIC DIAGRAM





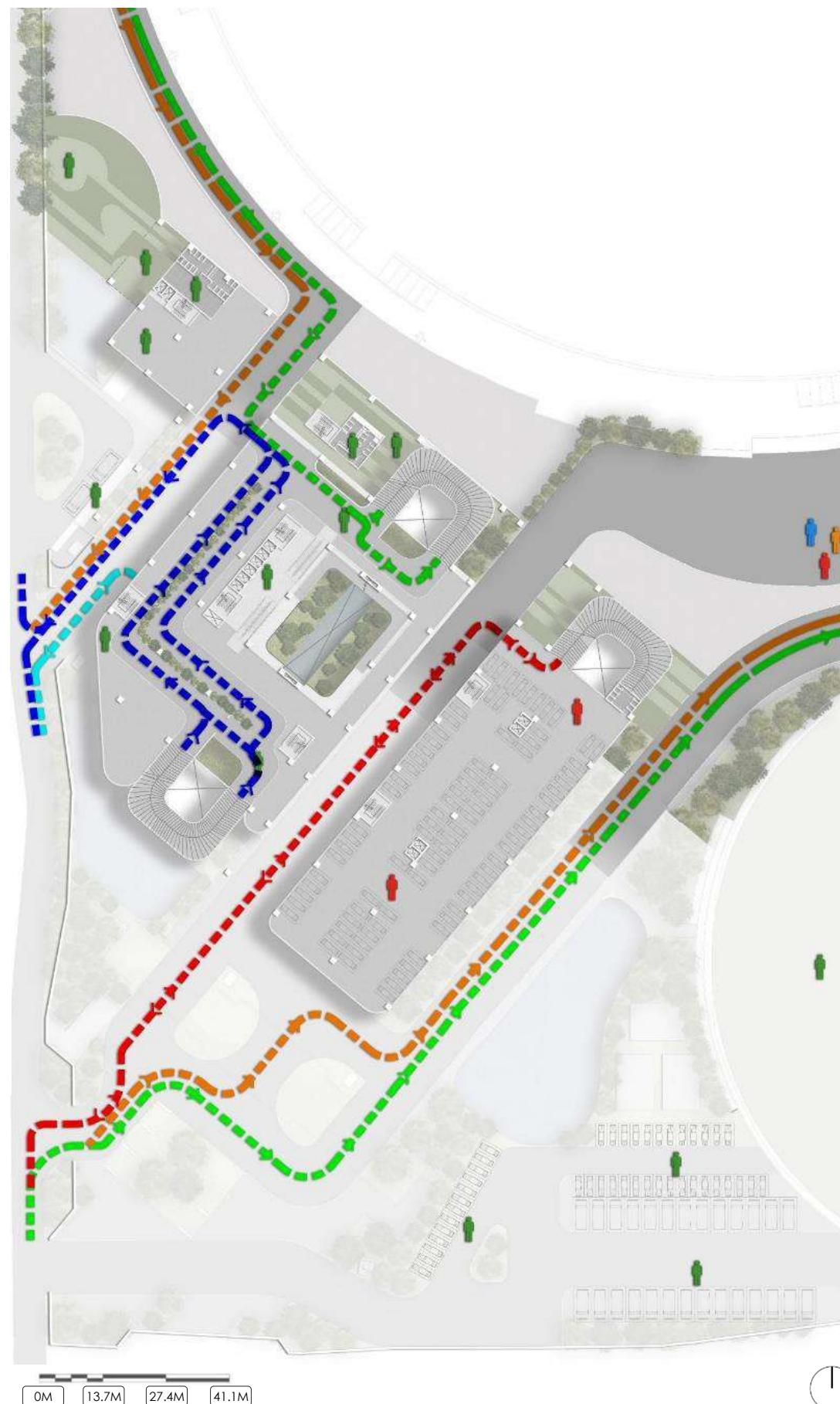
**LEGENDS**

- 1. MAIN ENTRANCE GATE
- 2. VIP ENTRY
- 3. PUBLIC VEHICULAR ENTRY
- 4. ENTRY FOR BICYCLES
- 5. PUBLIC TRANSPORT STOP
- 6. TICKETING COUNTER
- 7. LIFT LOBBY TO PLAZA AND FOOD COURT
- 8. RAIN WATER CATCHMENT TANKS/PONDS
- 9. WATER FILTRATION PLANT
- 10. SERVICES
- 11. FIRE TENDER ENTRY
- 12. WAY TO HEAVY TRANSPORT VEHICLES/ TAXIS
- 13. HTV/TAXI PARKING
- 14. EXISTING CRICKET GROUND
- 15. FIRE EVAQUATION POINT



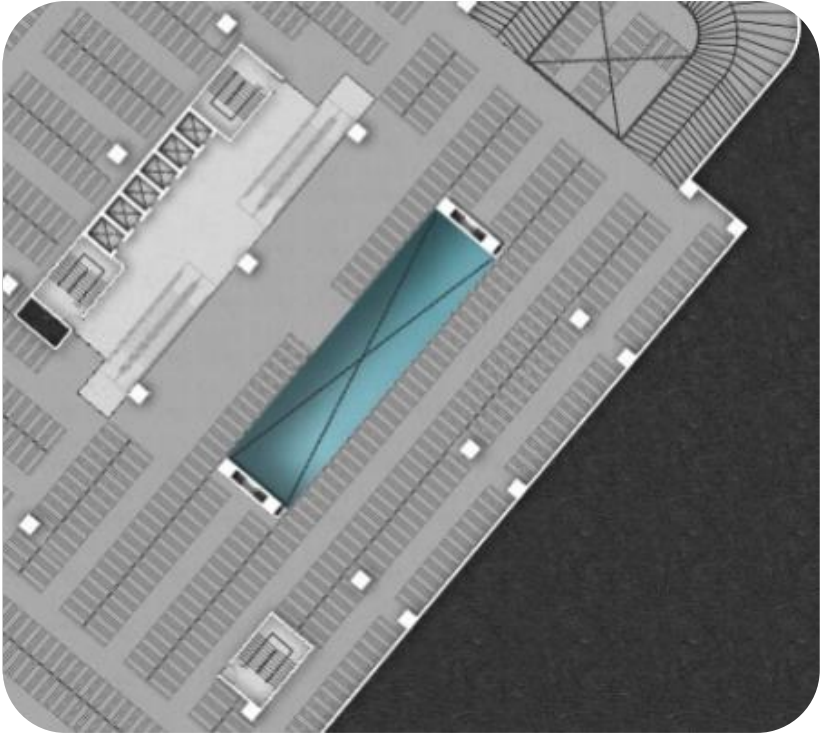
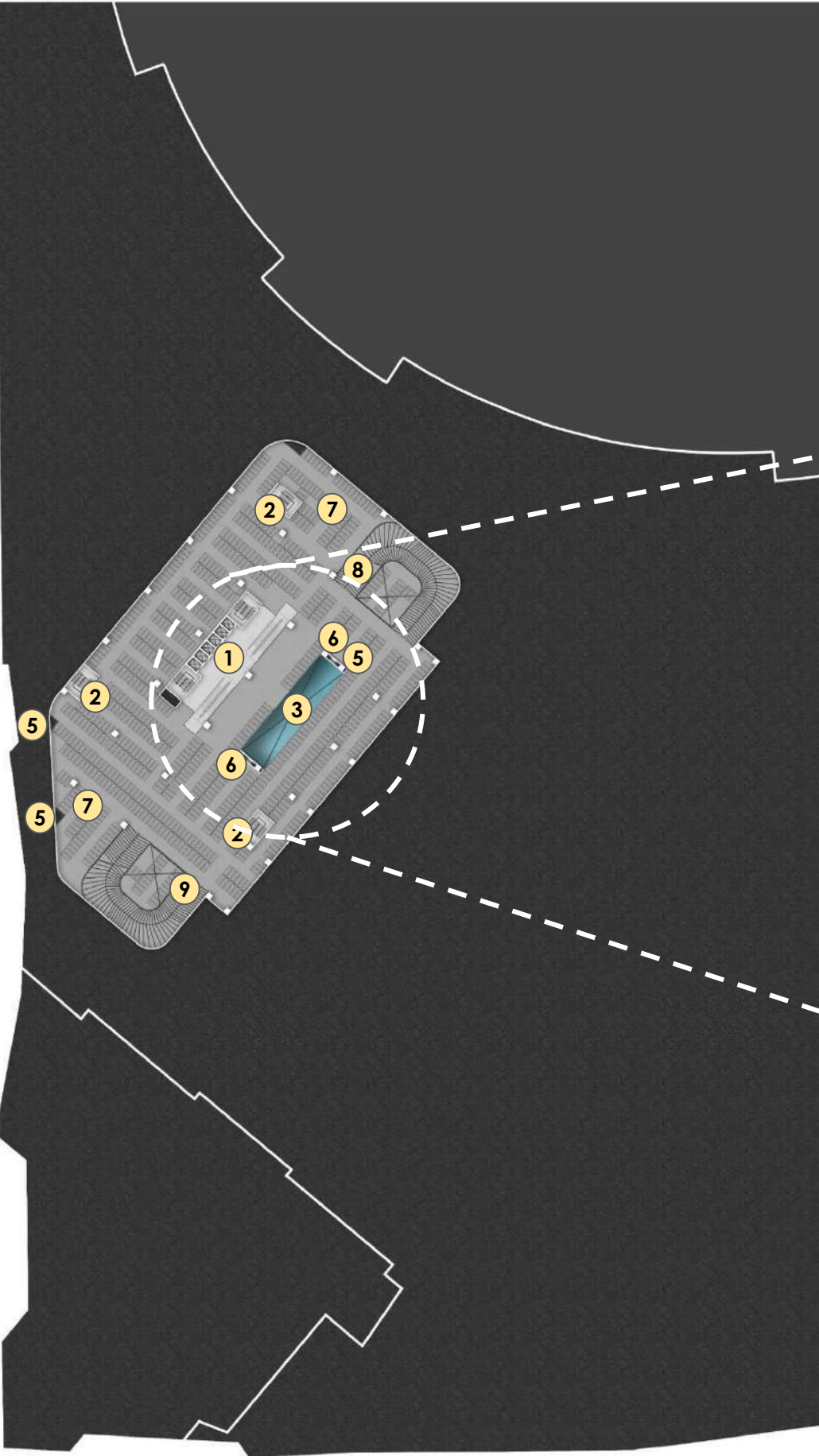


- ■ ■ ■ ■ VEHICULAR ENTRY (PUBLIC)
- ■ ■ ■ ■ VEHICULAR EXIT (PUBLIC)
- ■ ■ ■ ■ VVIP ENTRY/ EXIT
- ■ ■ ■ ■ CYCLE ENTRY/ EXIT
- ■ ■ ■ ■ FIRE TENDER MOVEMENT
- GENERAL PUBLIC
- PLAYERS
- V.I.P.
- STAFF
- MEDIA PERSONNEL
- MCA MEMBER



USER- SEGREGATED MOVEMENT



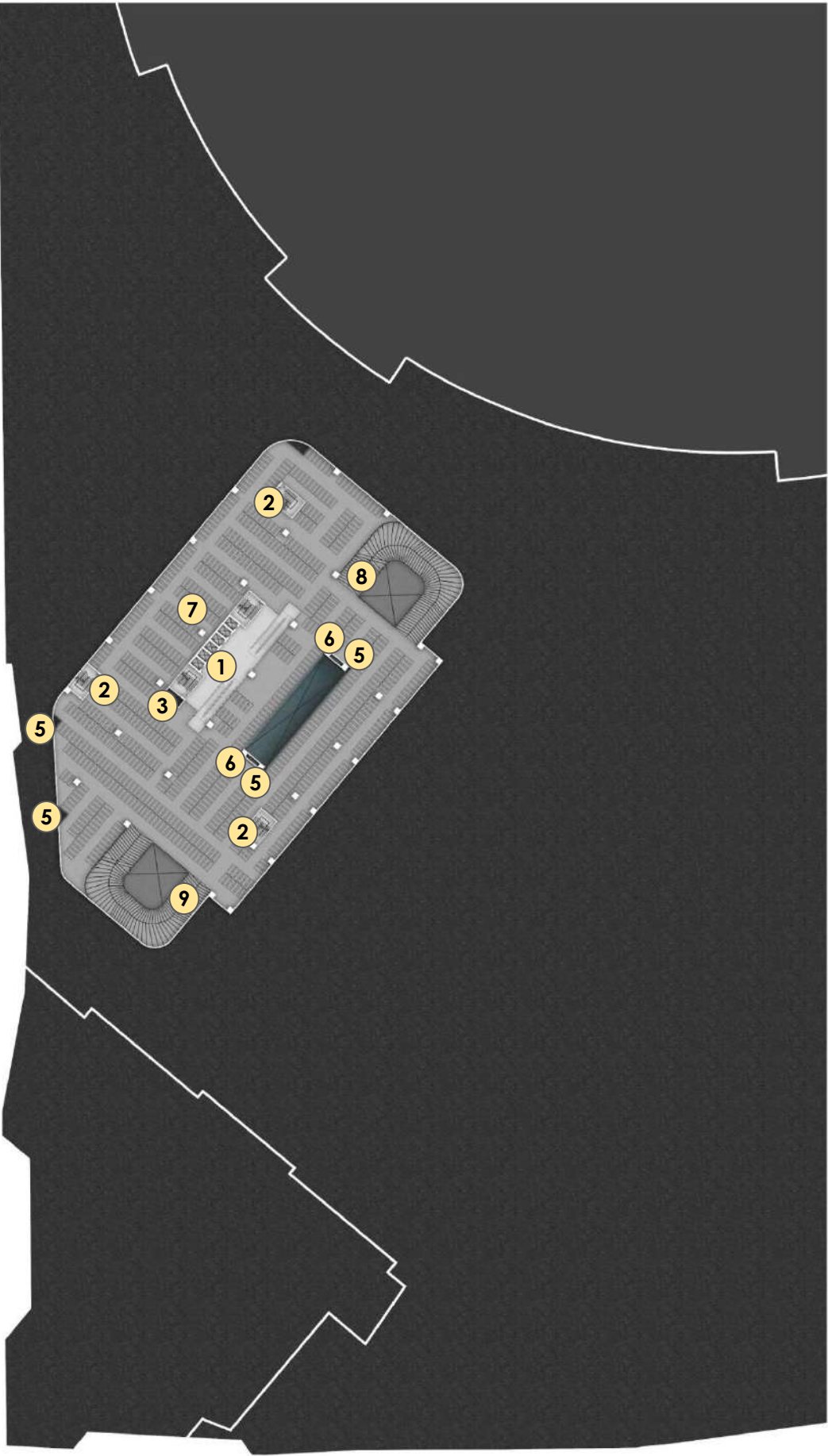


LEGENDS

- 1. LIFTS + STAIRCASE CENTRAL CORE
- 2. SERVICE CORE
- 3. RAIN WATER HARVESTING TANK
- 4. MECHANICAL VENTILATION
- 5. FRESH AIR DUCT
- 6. COOLING TOWERS
- 7. TWO-WHEELER STACK PARKING
- 8. ENTRY RAMP
- 9. EXIT RAMP

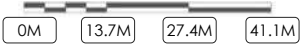






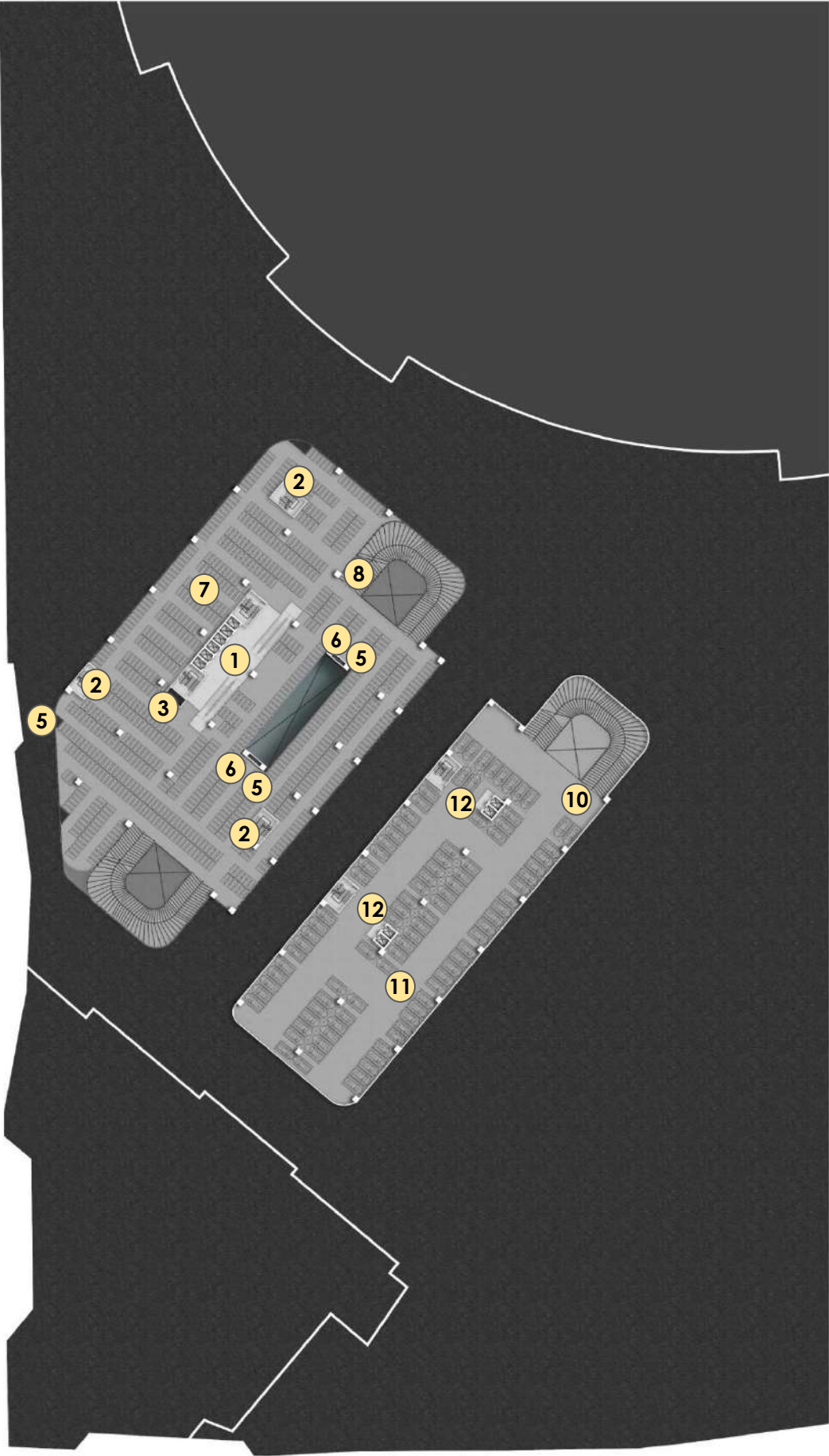
LEGENDS

- 1. LIFTS + STAIRCASE CENTRAL CORE
- 2. SERVICE CORE
- 3. FIRE / ELECTRICAL DUCT
- 4. MECHANICAL VENTILATION
- 5. FRESH AIR DUCT
- 6. COOLING TOWERS
- 7. TWO-WHEELER STACK PARKING
- 8. ENTRY RAMP
- 9. EXIT RAMP



BASEMENT- 01 PLAN





LEGENDS

- 1. LIFTS + STAIRCASE CENTRAL CORE
- 2. SERVICE CORE
- 3. FIRE / ELECTRICAL DUCT
- 4. MECHANICAL VENTILATION
- 5. FRESH AIR DUCT
- 6. COOLING TOWERS
- 7. TWO-WHEELER STACK PARKING
- 8. ENTRY RAMP
- 9. EXIT RAMP
- 10. VIP RAMP ENTRY
- 11. VIP CAR PARKING (STACK)
- 12. LIFT LOBBY

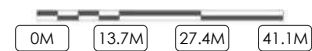




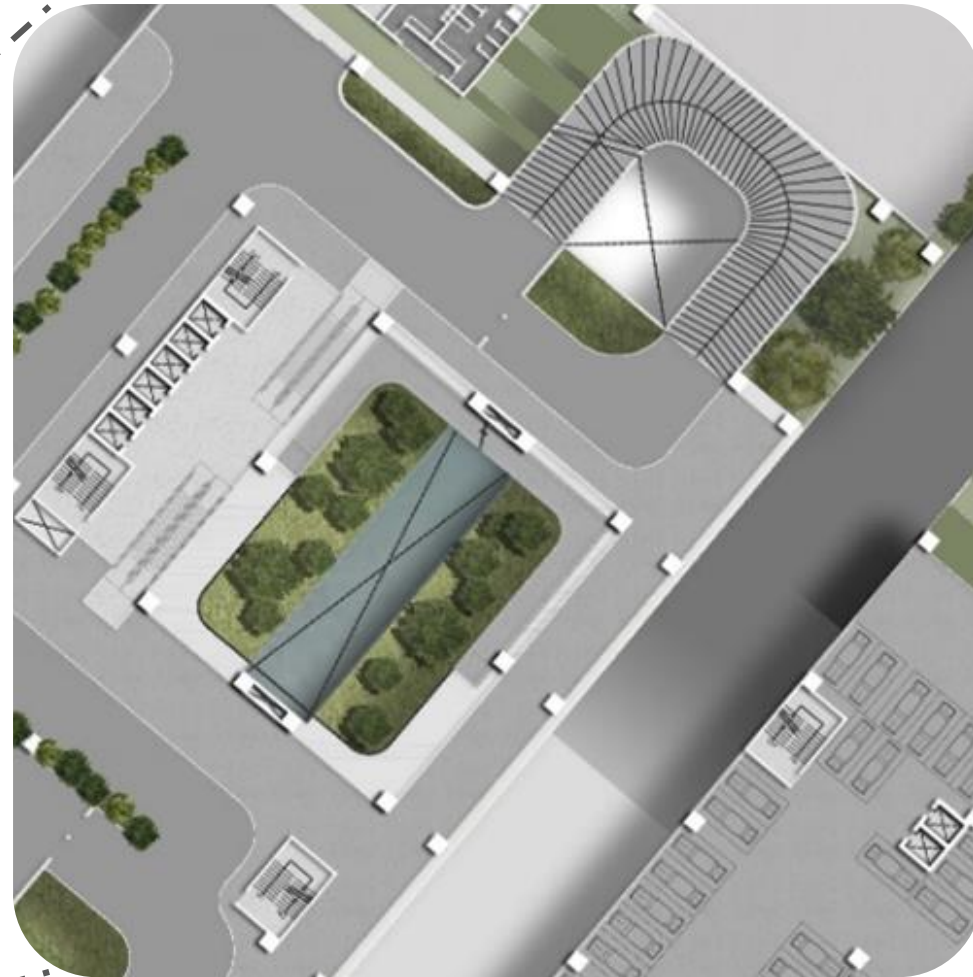


# LEGENDS

1. PUBLIC ENTRY RAMP (TO BASEMENT)
2. PUBLIC EXIT RAMP (FROM BASEMENT)
3. VIP ENTRY RAMP
4. LIFTS/ESCALATORS/STAIRCASE CORE
5. SERVICE / FIRE STAIRCASE
6. VIP LIFT LOBBY
7. VIP CAR PARKING
8. BICYCLE PARKING
9. BICYCLE ENTRY/EXIT
10. PUBLIC TRANSPORT HUB
11. ENTRANCE FOYER / TICKETING COUNTERS

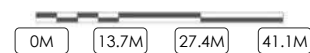




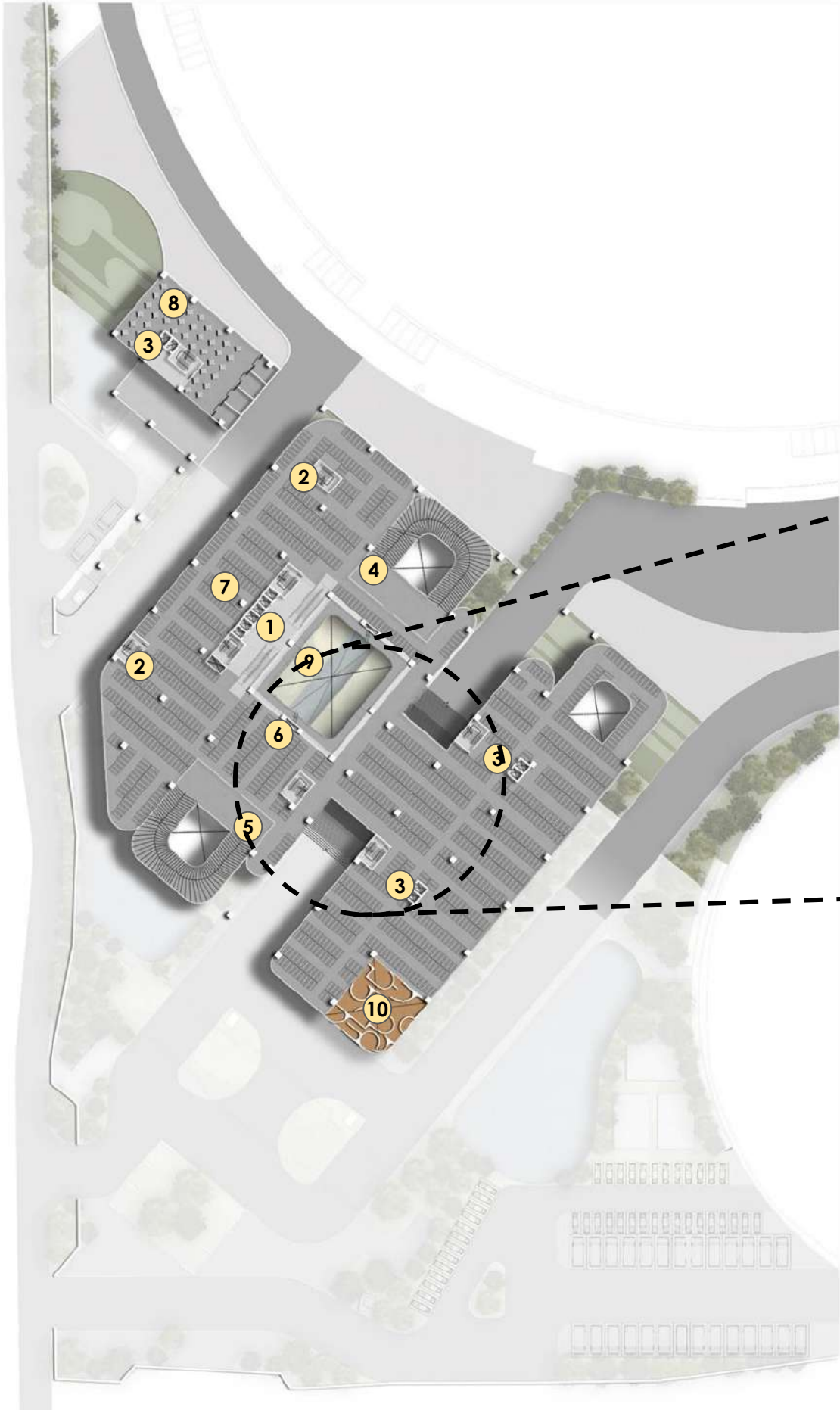


### LEGENDS

1. ENTRY (PUBLIC PARKING)
2. ENTRY RAMP
3. PUBLIC TOILETS
4. PUBLIC PLAZA (O.T.S.)
5. PLAZA (COVERED)
6. LOBBY / PUBLIC TOILETS
7. PUBLIC PARK (PLAZA EXTENSION)
8. LIFT LOBBY/ESCALATORS
9. PARKING COURTYARD
10. PEDESTRIAN RAMP
11. EXIT RAMP
12. STAIRCASE CORE
13. ENTRY TO VIP PARKING
14. ENTRY/EXIT RAMP
15. VIP PARKING
16. VIP LIFT LOBBY
17. DRIVERS' TOILETS
18. PLAZA
19. PLAYERS' HOLDING AREA





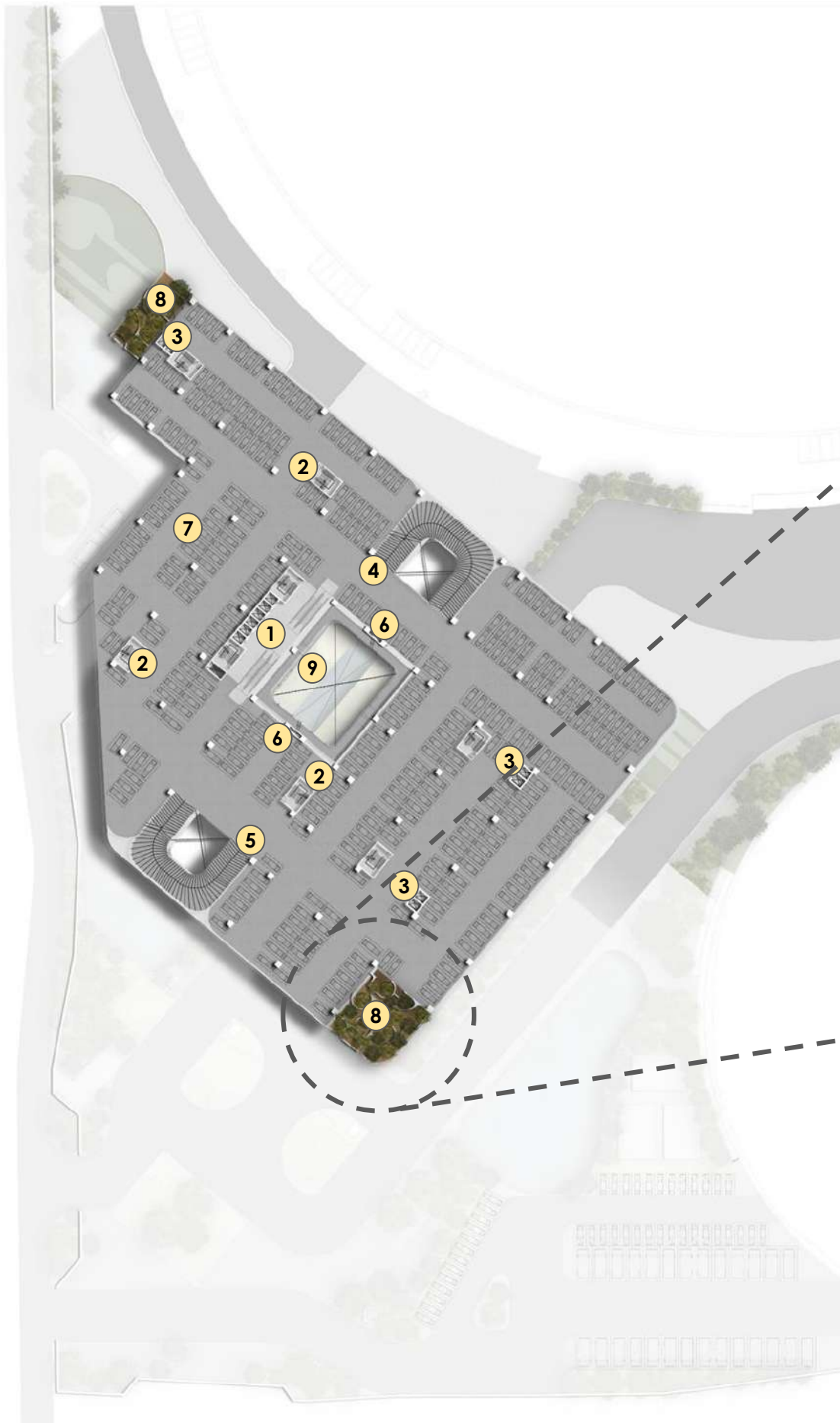


LEGENDS

- 1. LIFTS LOBBY / ESCALATORS
- 2. SERVICE CORE
- 3. LIFT LOBBY
- 4. ENTRY RAMP
- 5. EXIT RAMP
- 6. COOLING TOWERS
- 7. TWO WHEELER PARKING
- 8. FOOD COURT
- 9. PEDESTRIAN RAMP
- 10. OTS GARDEN

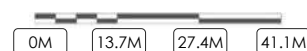


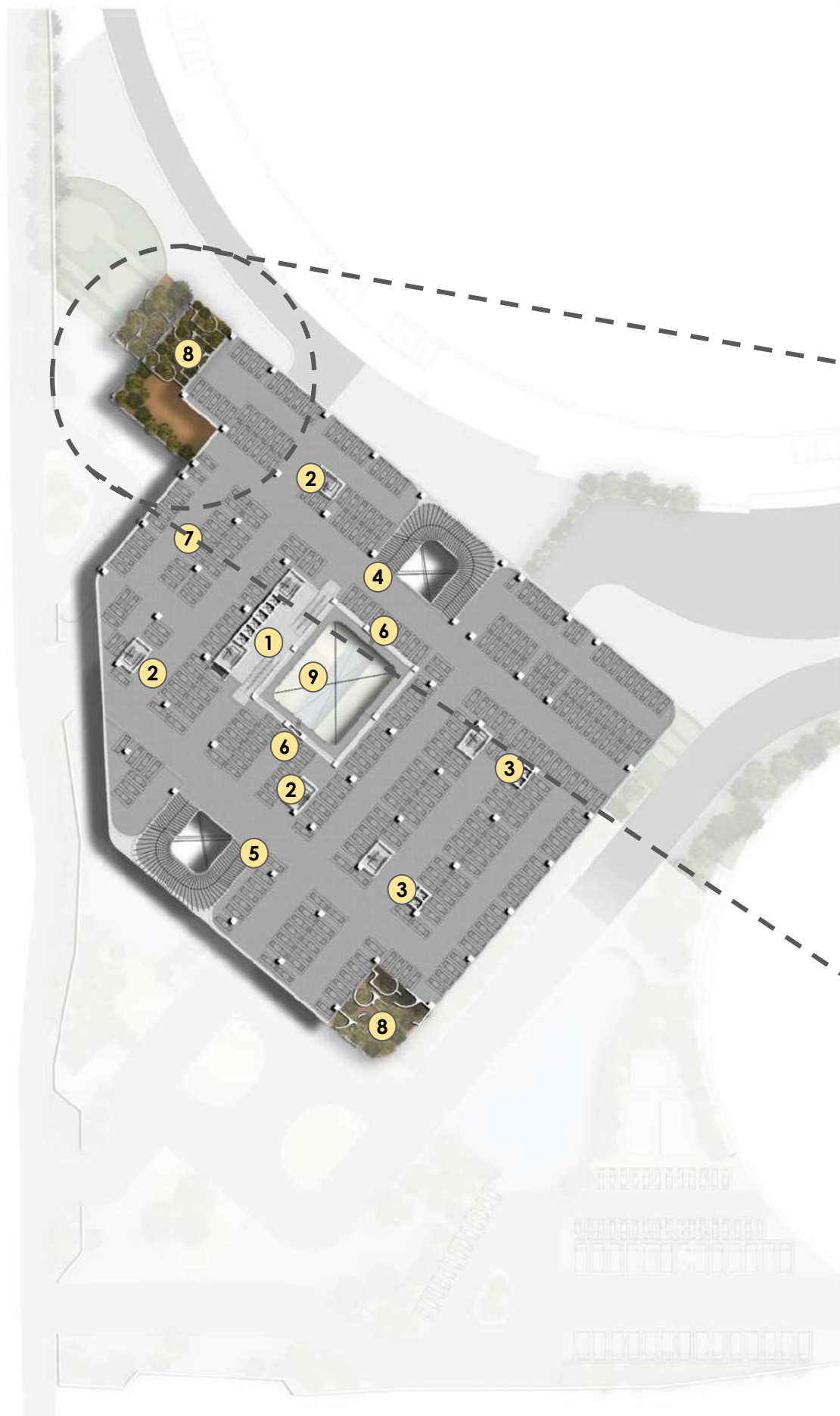




#### LEGENDS

1. LIFTS LOBBY / ESCALATORS
2. SERVICE CORE
3. LIFT LOBBY
4. ENTRY RAMP
5. EXIT RAMP
6. COOLING TOWERS
7. CAR PARKING
8. GREEN TERRACE
9. PEDESTRIAN RAMP





# LEGENDS

1. LIFTS LOBBY / ESCALATORS
2. SERVICE CORE
3. LIFT LOBBY
4. ENTRY RAMP
5. EXIT RAMP
6. COOLING TOWERS
7. CAR PARKING
8. GREEN TERRACE
9. PEDESTRIAN RAMP

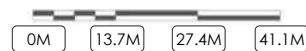






#### LEGENDS

1. LIFTS LOBBY / ESCALATORS
2. SERVICE CORE
3. LIFT LOBBY
4. ENTRY RAMP
5. EXIT RAMP
6. COOLING TOWERS
7. STACK PARKING (CARS)
8. O.T.S. AMPHITHEATRE
9. BOTANICAL GARDEN
10. PEDESTRIAN RAMP





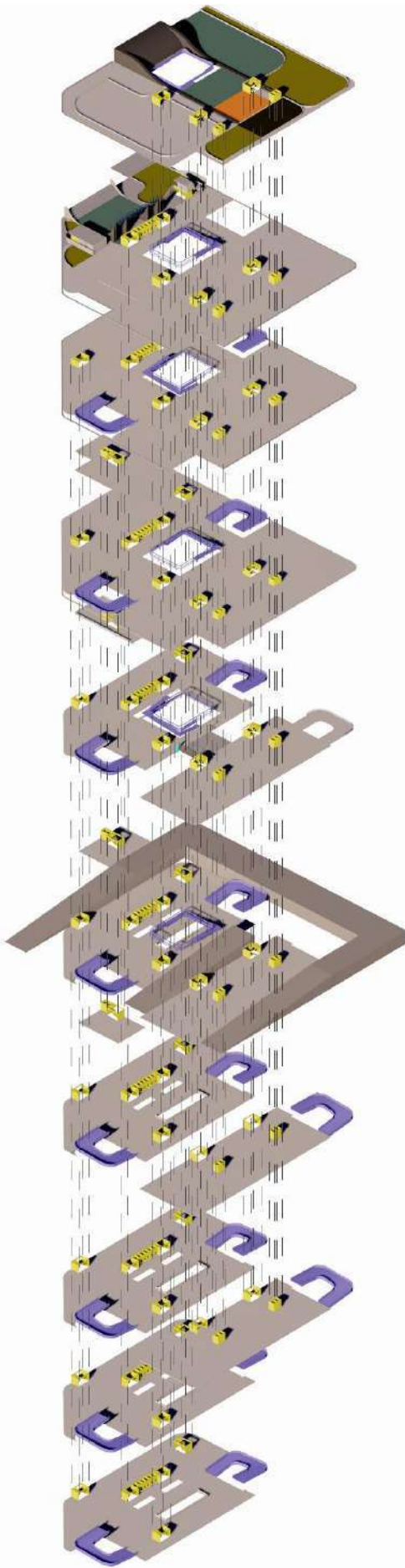
### LEGENDS

1. LIFTS LOBBY / ESCALATORS
2. SERVICE CORE
3. MULTIPURPOSE TERRACE
4. BOTANICAL GARDEN
5. TERRACE RESTAURANT
6. RESTAURANT GARDEN OVERLOOKING MINI CRICKET GROUND
7. RESTAURANT TERRACE (OTS)
8. SERVICE TERRACE WITH SOLAR PANELS



TERRACE LEVEL PLAN





**TERRACE**  
MULTIPURPOSE TERRACE,  
BOTANICAL GARDEN, RESTAURANT,  
SOLAR PANELS & SERVICES

**P4-LEVEL**  
STACK PARKING, AMPHITHEATRE,  
BOTANICAL GARDEN

**P3-LEVEL**  
CAR PARKING FLOOR (CONNECTED  
WINGS)

**P2-LEVEL**  
CAR PARKING FLOOR (CONNECTED  
WINGS)

**P1-LEVEL**  
TWO WHEELER PARKING WITH  
BRIDGE ACROSS TWO WINGS &  
FOOD COURT ABOVE PLAZA

**PLAZA**  
ENTRY TO PARKING FOR  
CARS/TWO WHEELERS,  
COURTYARD GARDEN, PEDESTRIAN  
RAMP & VIP PARKING (SEPARATE  
WING)

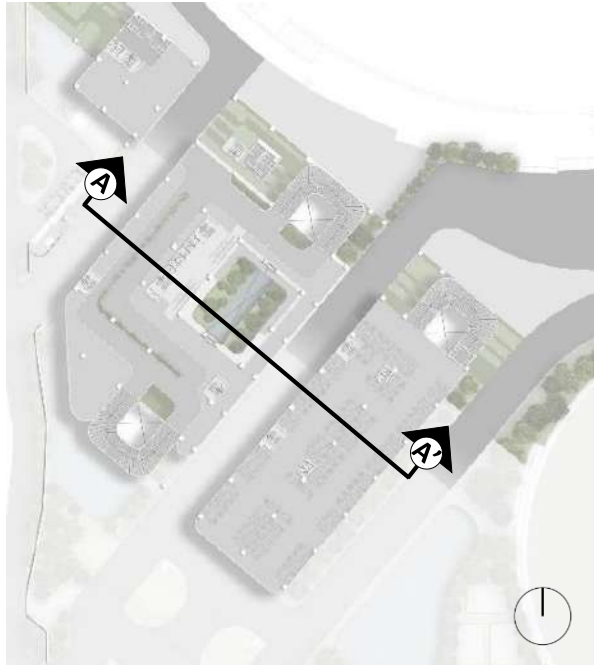
**UPPER GROUND**  
CYCLE PARKING (COURTYARD WING)  
& VIP PARKING (SEPARATE WING)

**LOWER GROUND**  
PUBLIC PARKING (TWO WHEELERS)  
& VIP PARKING (SEPARATE WING)

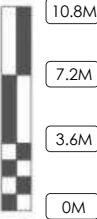
**BASEMENT 01**  
PUBLIC PARKING (TWO WHEELERS)

**BASEMENT 02**  
PUBLIC PARKING (TWO WHEELERS)

PARKING SUMMARY : ZONE 01(PARKING)						
FLOOR LEVEL	NO. OF CARS				NO. OF SCOOTERS	NO. OF CYCLES
	STACK PARKING (2.50 X 5.00)	STACK PARKING (2.30 X 4.50)	PARKING (2.50 X 5.00)	PARKING (2.30 X 4.50)	STACK PARKING	STACK PARKING
BASEMENT 02	0	0	0	0	1826	0
BASEMENT 01	0	0	0	0	1826	0
LOWER GROUND	178	10	0	0	1826	0
UPPER GROUND	178	10	0	0	0	8064
PLAZA LEVEL	0	0	89	5	0	0
PODIUM 01	0	0	0	0	2692	0
PODIUM 02	0	0	194	168	0	0
PODIUM 03	0	0	194	149	0	0
PODIUM 04	292	198	0	0	0	0
TOTAL NOS.	1665				8170	8064

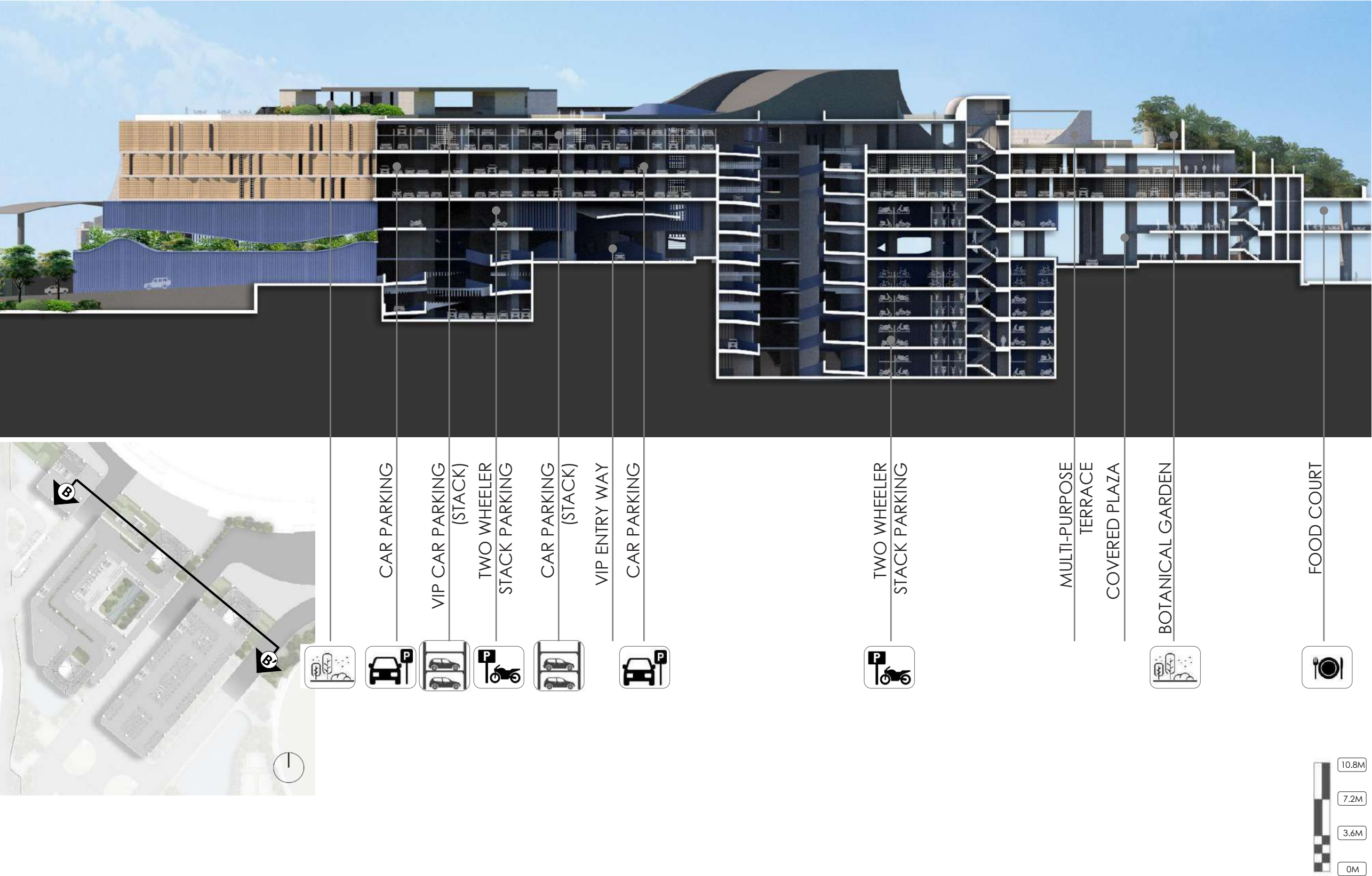


- PUBLIC TRANSPORT STOP
- 4- WHEELER PARKING
- AMPHITHEATRE SEATING
- BICYCLE STACK PARKING
- 2- WHEELER STACK PARKING
- 2- WHEELER STACK PARKING
- RAINWATER HARVESTING TANK
- PARKING COURTYARD
- 2- WHEELER STACK PARKING
- 4- WHEELER PARKING
- 2- WHEELER STACK PARKING
- TERRACE RESTAURANT

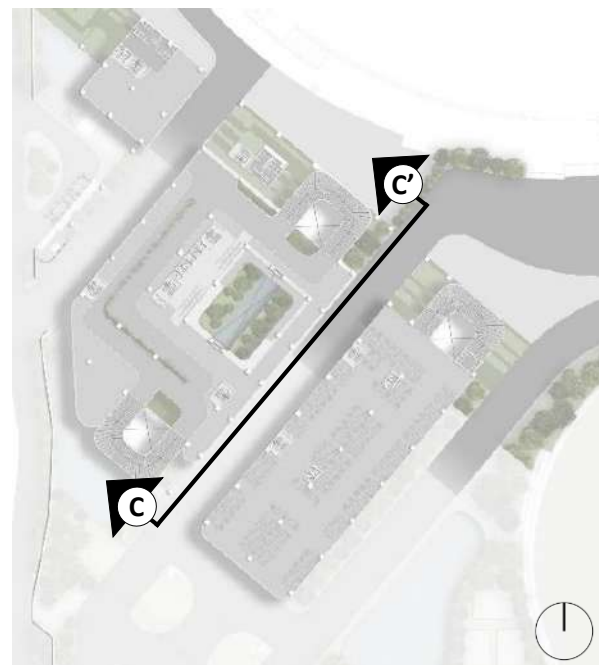


SECTION AA'

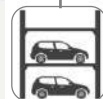




SECTION BB'



4- WHEELER STACK  
PARKING



SERVICE TERRACE  
WITH SOLAR PANELS

VIP DRIVEWAY

2- WHEELER STACK  
PARKING



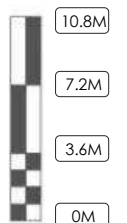
4- WHEELER PARKING



TERRACE RESTAURANT



The existing site contours rise up to 7.0 m across the length of designed parking. A clear height of 7.5 m is maintained across the length of vip entry way for fire tender movement. The contour grading is optimized to achieve basement parking with minimal cut-fill required.



SECTION CC'

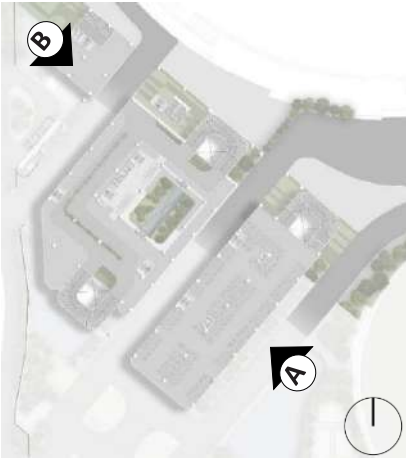




ELEVATION A



ELEVATION B



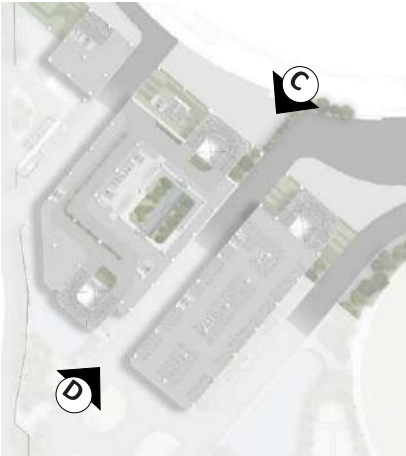
ELEVATIONS



ELEVATION C



ELEVATION D



ELEVATIONS





ENTRANCE





VIEW FROM PLAYERS' HOLDING AREA





PARKING STRUCTURE FROM THE MINI CRICKET GROUND





PUBLIC TRANSPORT HUB & PARK SIDE ENTRY FOR PEDESTRIANS





VIEW OF FOOD COURT ON P1 LEVEL, PLAZA BELOW & LOOKING ACROSS TO PLAZA GARDEN





VIEW OF PEDESTRIAN PLAZA

VIEW OF PLAZA FROM STADIUM





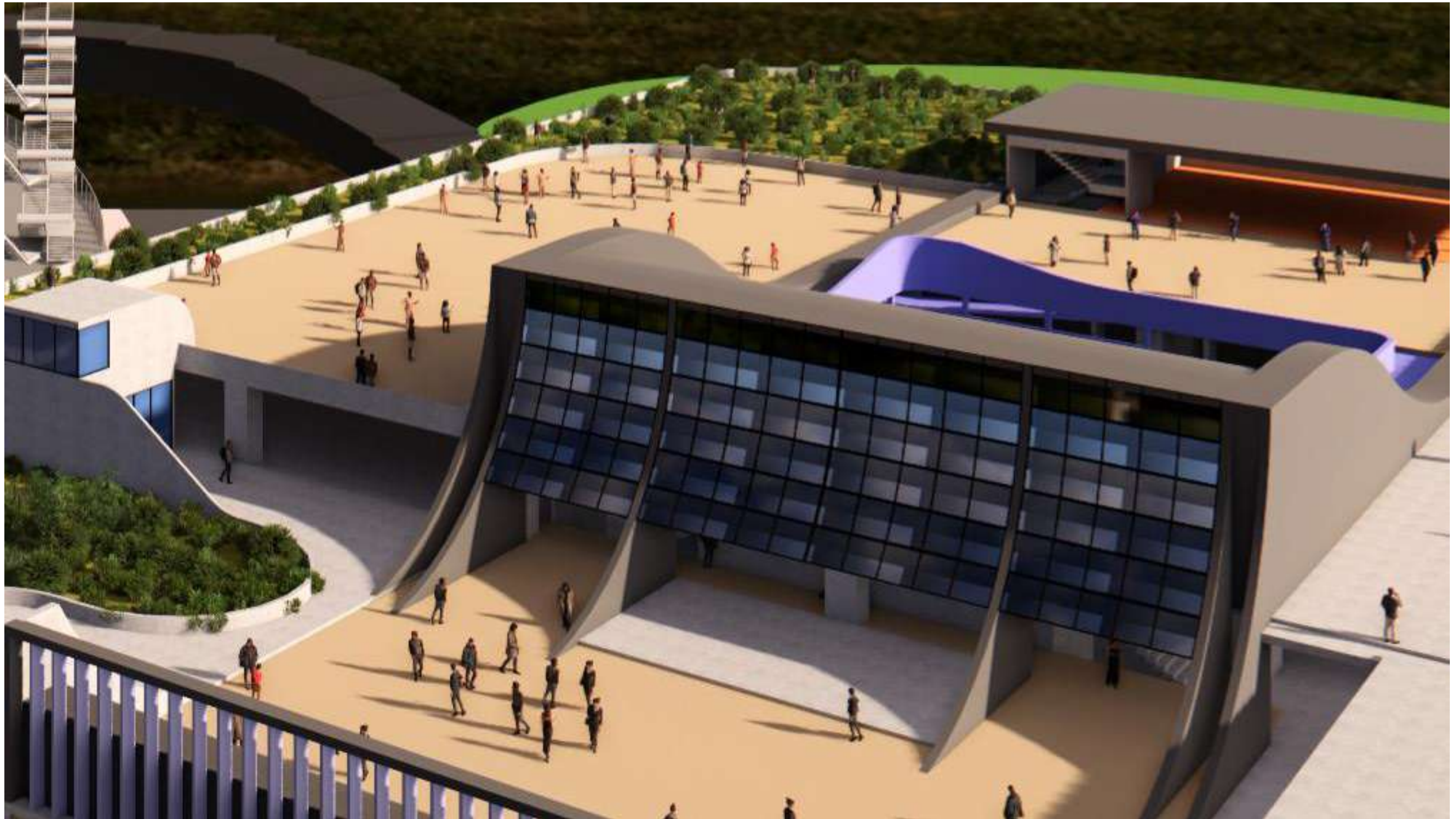
VIEW OF FOOD COURT AT P1 LEVEL OVERLOOKING THE STADIUM





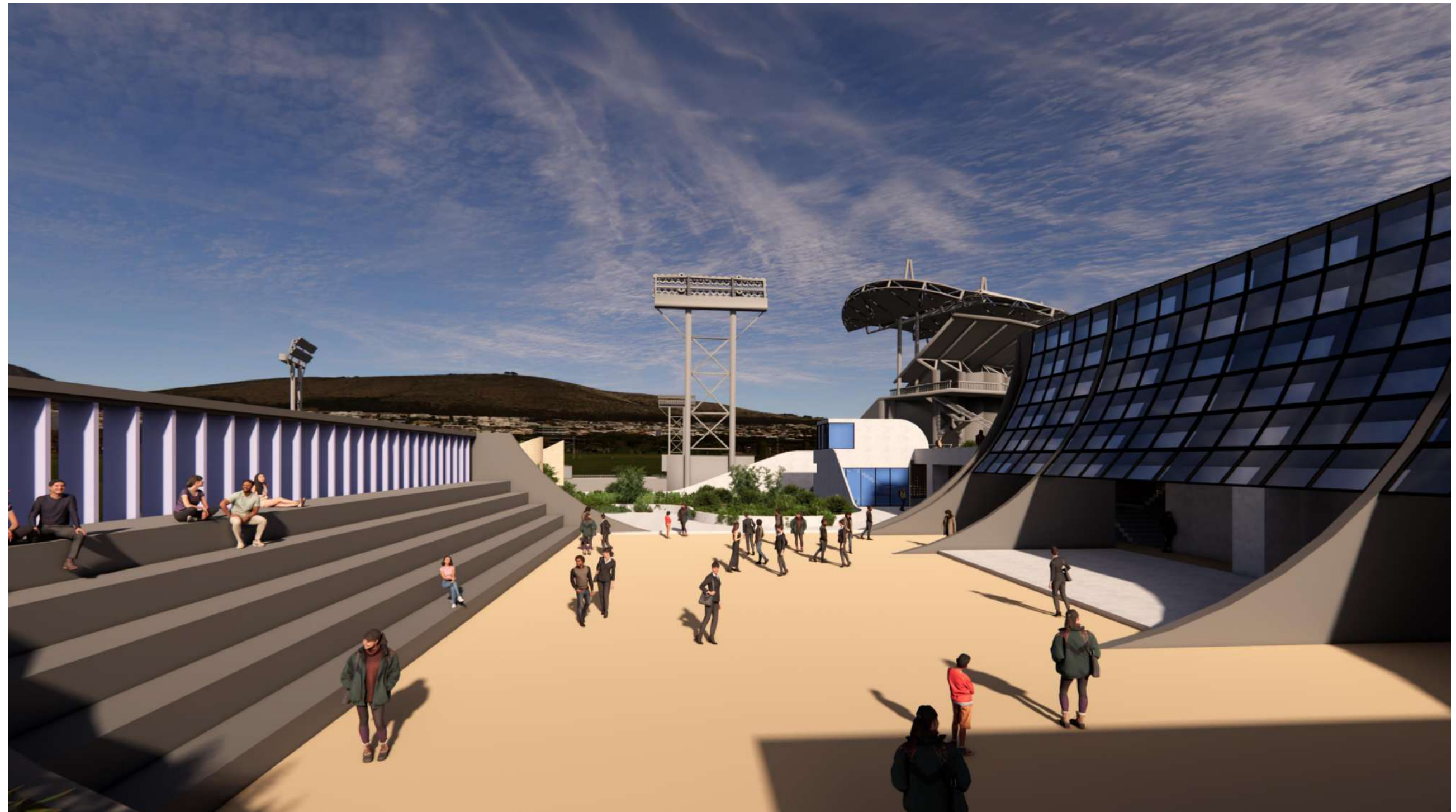
VIEW OF CENTRAL COURTYARD





VIEW OF AMPHITHEATRE ,MULTIPURPOSE TERRACE & TERRACE RESTAURANT AT P4 & P5 LEVEL





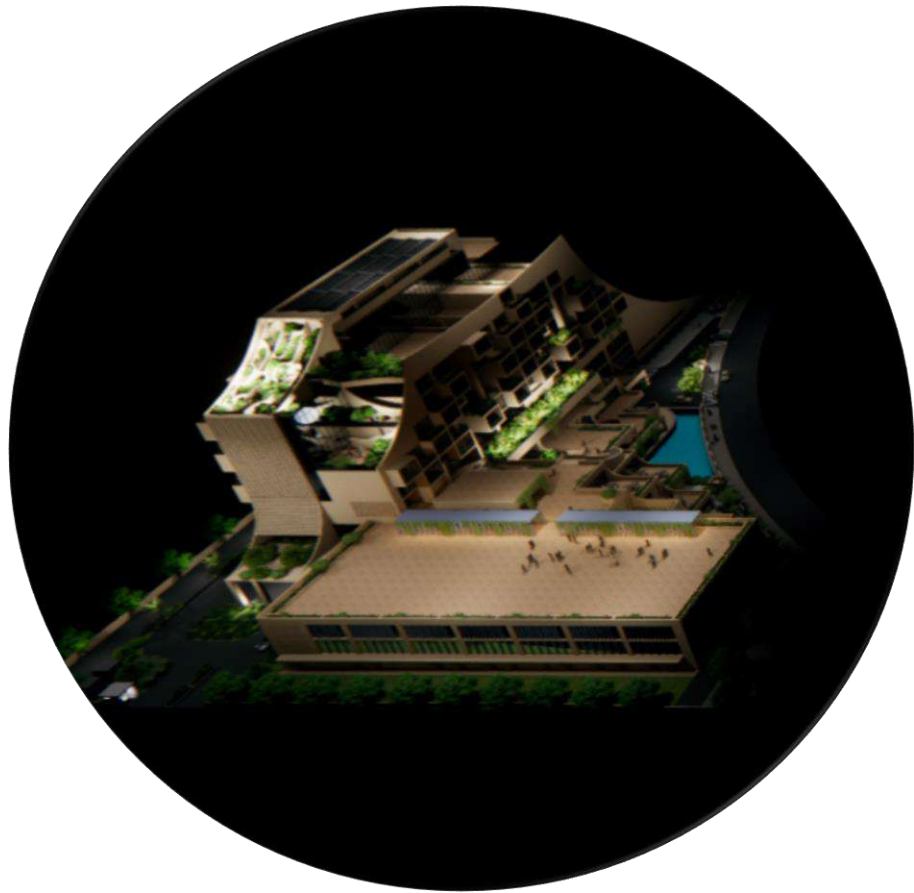
VIEW OF AMPHITHEATRE SEATING





FROM LEFT: PUBLIC PARK (PLAZA EXTENSION), WATER BODY, FOOD COURT (P1 LVL), DOUBLE HEIGHT ENTRANCE FOR PEDESTRIANS (BOTTOM) & COVERED PLAZA (DOUBLE HEIGHT), TERRACE AMENITIES, BOTANICAL GARDEN, AMPHITHEATRE, MULTIPURPOSE TERRACE, RESTAURANT, TOILETS, SOLAR PANELS

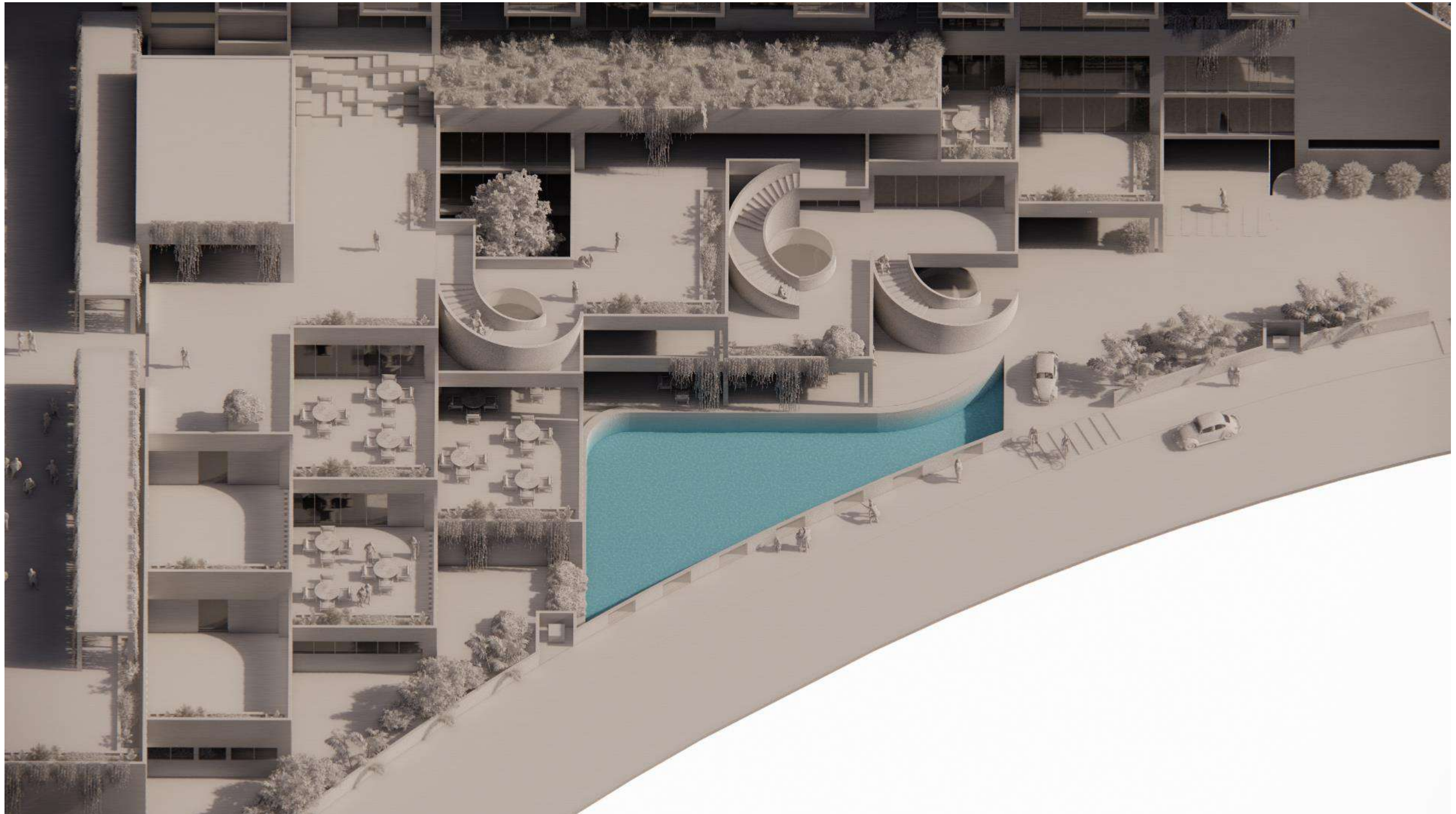




# ZONE 02

HOTEL & CLUB FACILITIES



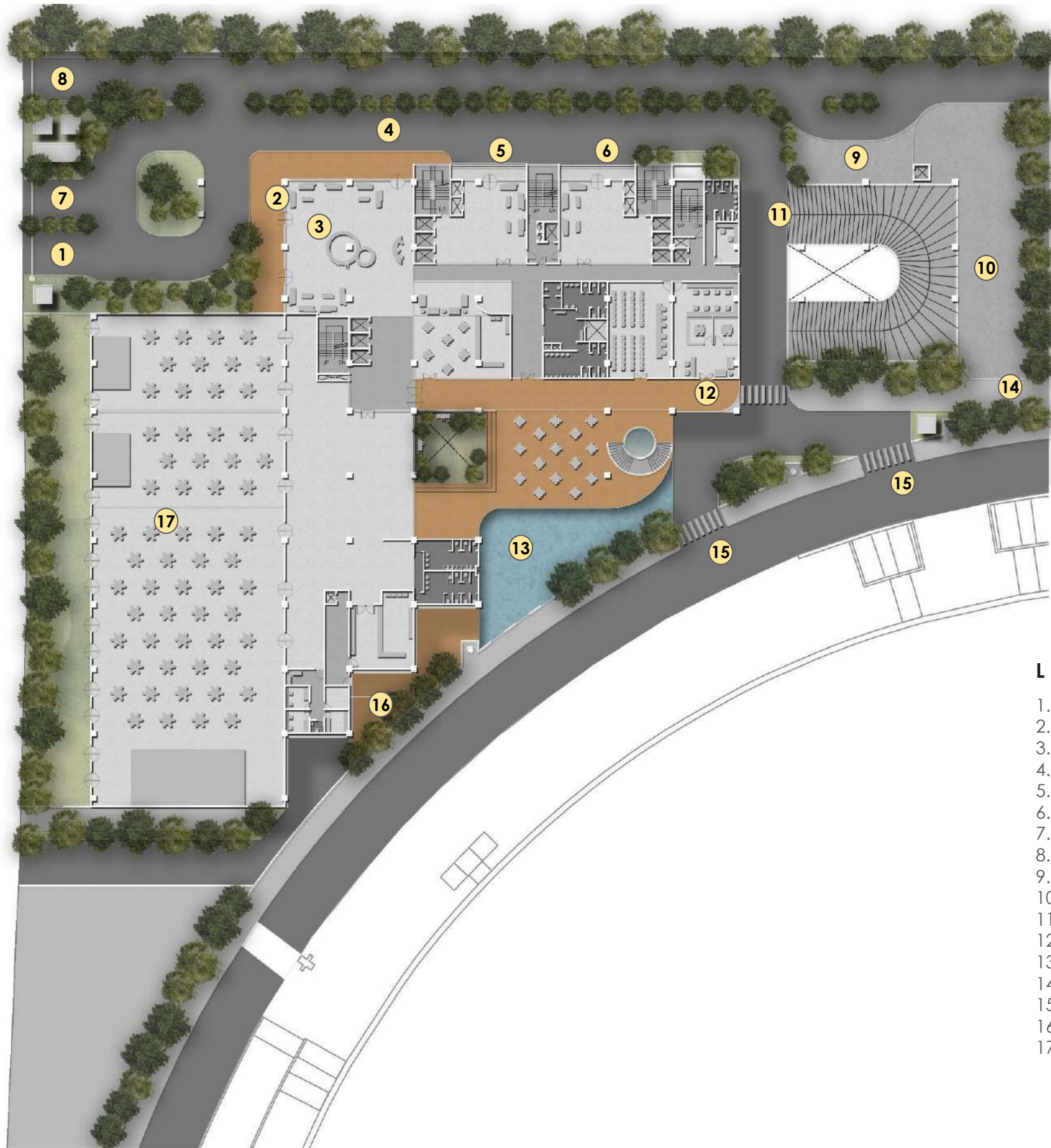






CONCEPT SKETCH





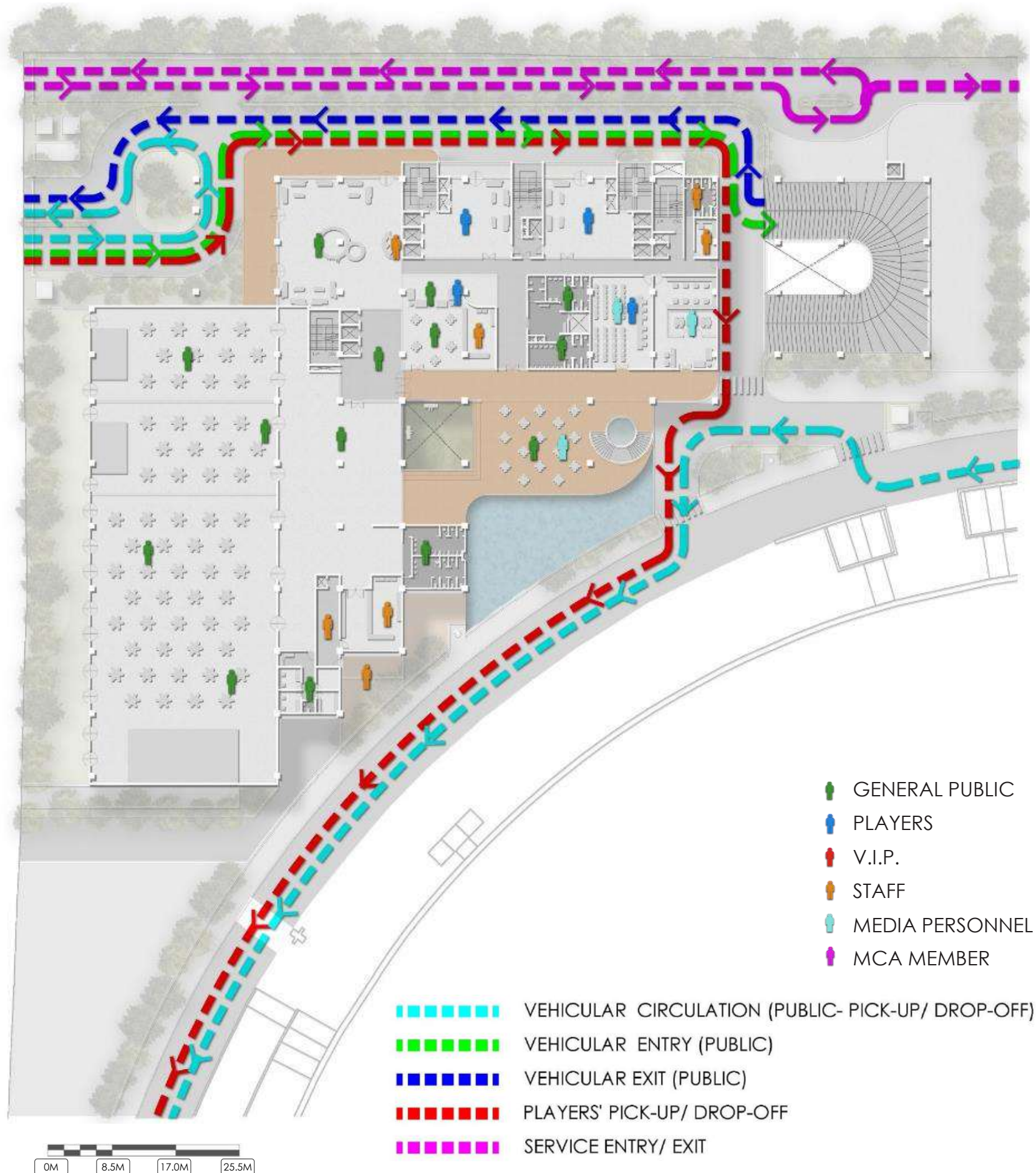
## LEGENDS

1. MAIN ENTRANCE
2. ENTRAN FOYER (PICK-UP/DROP-OFF)
3. RECEPTION LOUNGE
4. WAY TO PARKING
5. SECURED ACCESS TO PLAYERS' LOUNGE (WING A)
6. SECURED ACCESS TO PLAYERS' LOUNGE (WING B)
7. MAIN EXIT
8. SERVICE ENTRY
9. LOADING/UN-LOADING AREA
10. SERVICE YARD
11. RAMP ENTRY TO BASEMENTS
12. PLAYERS' PICK-UP/DROP-OFF (MATCH DAYS)
13. RWH WATER BODY
14. PEDESTRIAN CONNECTIVITY TO CLUBHOUSE/ SPORTS FACILITY
15. STADIUM SIDE ENTRY/EXIT (RESTRICTED)
16. SERVICE ENTRY FOR RESTAURANT KITCHENS
17. BANQUET LAWNS



SITE PLAN





**MATCH DAYS – ACTIVE ZONE  
(PLAYERS / MEDIA / VIP GUESTS)**

- PLAYERS ZONE
- MEDIA ZONE
- PUBLIC APPEARANCE ZONE





ACCESS & SERVICE CORE LAYOUT





BASEMENT 01

LEGENDS

- 1. LIFTS & STAIRCASE LOBBY
- 2. SERVICE CORE
- 3. RAMP DOWN TO B2
- 4. CYCLE - STACK PARKING
- 5. TWO-WHEELER STACK PARKING
- 6. CARS – STACK PARKING
- 7. BASEMENT VENTILATION DUCT
- 8. RAMP UP TO STILT



BASEMENT 02

LEGENDS

- 1. LIFTS & STAIRCASE LOBBY
- 2. SERVICE CORE
- 3. CARS – STACK PARKING
- 4. RAMP UP TO B1

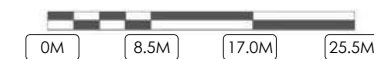




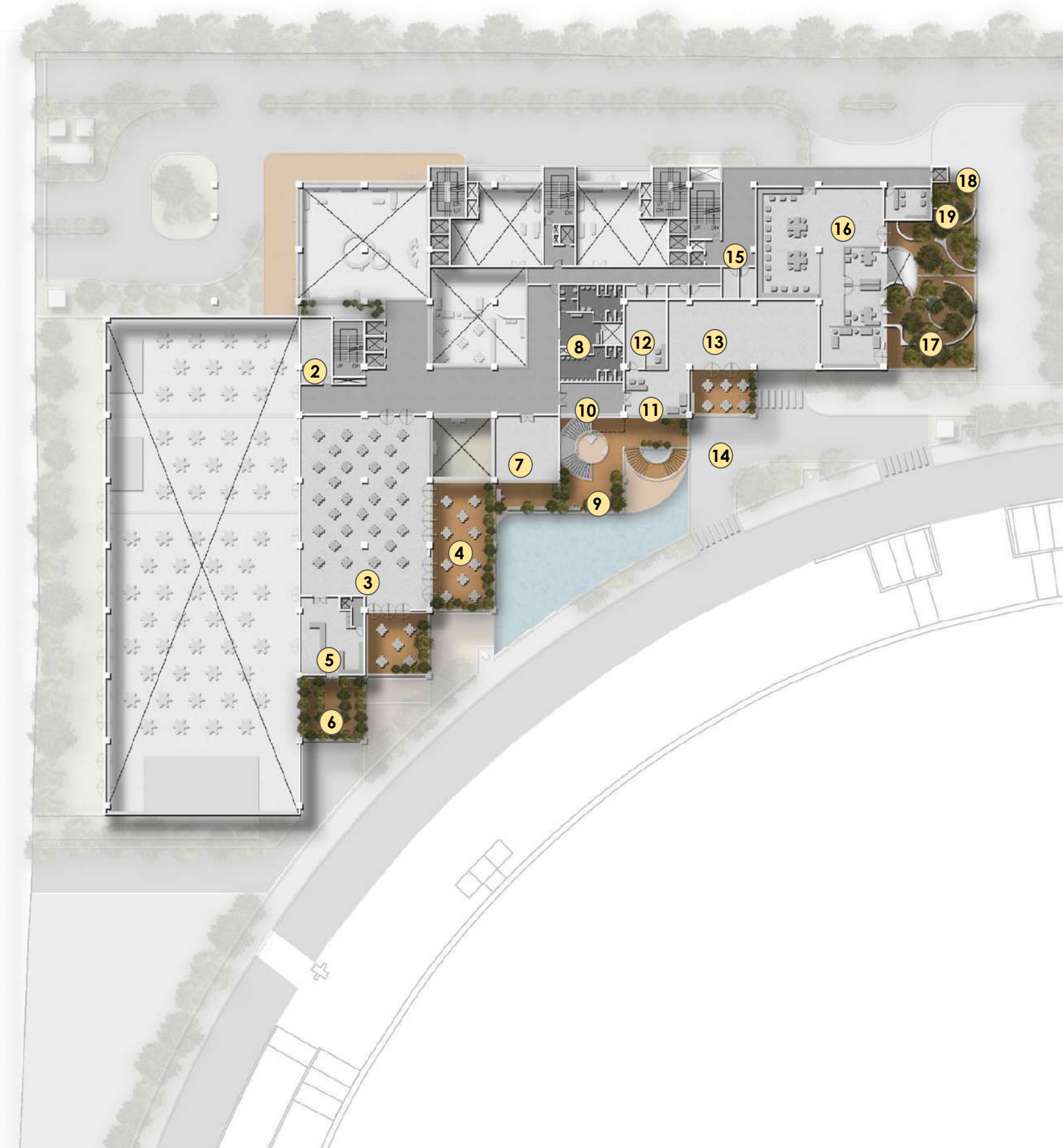


## LEGENDS

1. HOTEL PICK-UP/ DROP-OFF POINT
2. RECEPTION & LOUNGE
3. LOBBY - RESTAURANTS
4. PRE-FUNCTION AREA
5. BANQUET HALL- 01
6. BANQUET HALL- 02
7. BALLROOM
8. GREEN ROOMS
9. SERVICE YARD
10. LOADING-UNLOADING AREA-RESTAURANTS
11. KITCHEN – BANQUET FACILITY
12. PUBLIC TOILETS – BANQUET FACILITY
13. OPEN TO SKY COURTYARD
14. CAFÉTERIA
15. PUBLIC APPEARANCE ZONE
16. LOUNGE & LOBBY – TEAM 01 (WING A)
17. PLAYERS' PICK-UP & DROP-OFF POINT (RESTRICTED - MATCH DAYS)
18. SERVICE CORE (ROOMS)
19. LOUNGE & LOBBY – TEAM 02 (WING B)
20. PUBLIC TOILETS
21. PRESS BRIEFING AREA
22. MEDIA CENTRE
23. SECURITY/ CONTROL ROOM
24. STAFF TOILETS
25. RAMP DOWN TO BASEMENT
26. PEDESTRIAN ACCESS TO CLUBHOUSE
27. STAIRCASE UP TO CRICKET MUSEUM
28. SEMI-COVERED PLAZA
29. WATER BODY







LEGENDS

- 1. LOBBY - RESTAURANTS
- 2. STORE ROOM
- 3. MULTI-CUISINE RESTAURANT 01
- 4. RESTAURANT SEATING (OTS)
- 5. KITCHEN
- 6. KITCHEN GARDEN
- 7. CRECHE/ MULTI-PURPOSE ROOM
- 8. TOILETS
- 9. COMMON TERRACE
- 10. CRICKET MUSEUM FOYER
- 11. TICKETING COUNTER & WAITING AREA
- 12. MUSEUM STORE
- 13. MUSEUM GALLERY
- 14. MUSEUM TERRACE
- 15. SERVICE CORE
- 16. ADMINISTRATIVE AREA
- 17. ATTACHED TERRACE
- 18. SERVICE LIFT
- 19. CONTROL ROOM







LEGENDS

- 1. LOBBY - RESTAURANTS
- 2. SERVER ROOM
- 3. MULTI-CUISINE RESTAURANT 02
- 4. OUTDOOR SEATING
- 5. KITCHEN
- 6. KITCHEN GARDEN
- 7. COMMON TERRACE
- 8. TOILETS
- 9. SPORTS BAR
- 10. SERVICE CORE
- 11. RECEPTION & WAITING AREA (BUSINESS CENTRE)
- 12. BUSINESS CENTRE
- 13. ATTACHED TERRACES



SECOND FLOOR PLAN





LEGENDS

- 1. LOBBY – RESTAURANTS
- 2. AMPHITHEATRE
- 3. STORE ROOM
- 4. PARTY DECK (OTS)
- 5. PREFUNCTION AREA
- 6. TOILETS
- 7. SEMI-COVERED SWIMMING POOL (WING A)
- 8. CHANGING ROOMS
- 9. GYMNASIUM (WING A)
- 10. ATTACHED TERRACE (WING A)
- 11. STAIRCASE TO LOUNGE
- 12. KITCHEN (COMMON)
- 13. TEAM DINING (WING A)
- 14. SEMI-COVERED TERRACE
- 15. SERVICE CORE (COMMON)
- 16. TEAM DINING (WING B)
- 17. GYMNASIUM (WING B)
- 18. SWIMMING POOL (WING B)
- 19. CHANGING ROOMS (WING B)
- 20. ATTACHED TERRAES (WING B)





LEGENDS

- 1. LOBBY - TEAM 01 (WING A)
- 2. LOBBY - TEAM 02 (WING B)
- 3. SERVICE CORE (COMMON)
- 4. WAY TO AMENITY FLOOR (WING A)
- 5. WAY TO AMENITY FLOOR (WING B)







LEGENDS

- 1. LOBBY
- 2. LOUNGE
- 3. SERVICE CORE
- 4. STAIRCASE DOWN TO AMENITY FLOOR
- 5. LOBBY (WING B)
- 6. LOUNGE (WING B)
- 7. STAIRCASE DOWN TO AMENITY FLOOR (WING B)



FOURTH FLOOR PLAN- ROOM CLUSTER





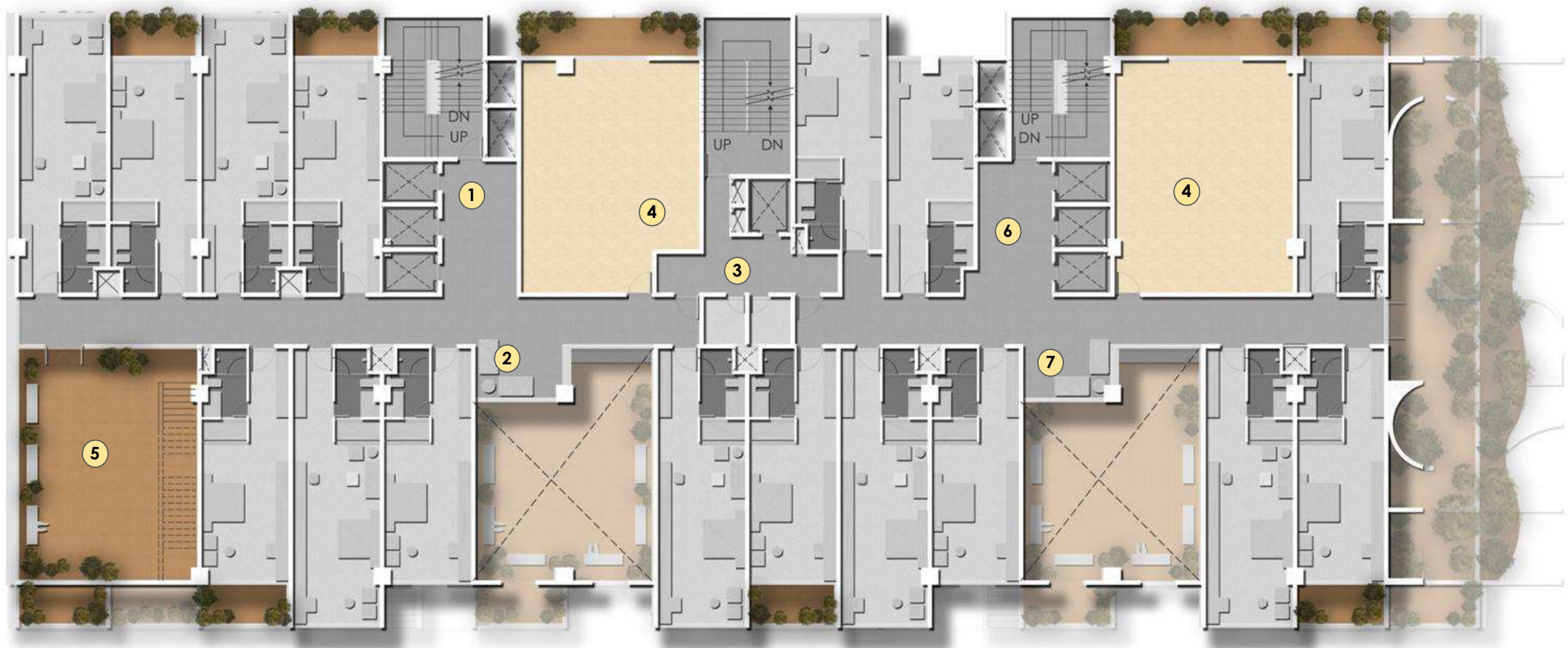
LEGENDS

- 1. LOBBY (WING A)
- 2. LOUNGE (WING A)
- 3. SERVICE CORE
- 4. TERRACE LOUNGE (WING A)
- 5. LOBBY (WING B)
- 6. LUNGE (WING B)
- 7. TERRACE LOUNGE (WING B)
- 8. TERRACE GARDEN (WING B)



FIFTH FLOOR PLAN- ROOM CLUSTER





## LEGENDS

1. LOBBY (WING A)
2. LOUNGE (WING A)
3. SERVICE CORE
4. REFUGE AREA
5. TERRACE LOUNGE
6. LOBBY (WING B)
7. LOUNGE (WING B)



SIXTH FLOOR PLAN- ROOM CLUSTER





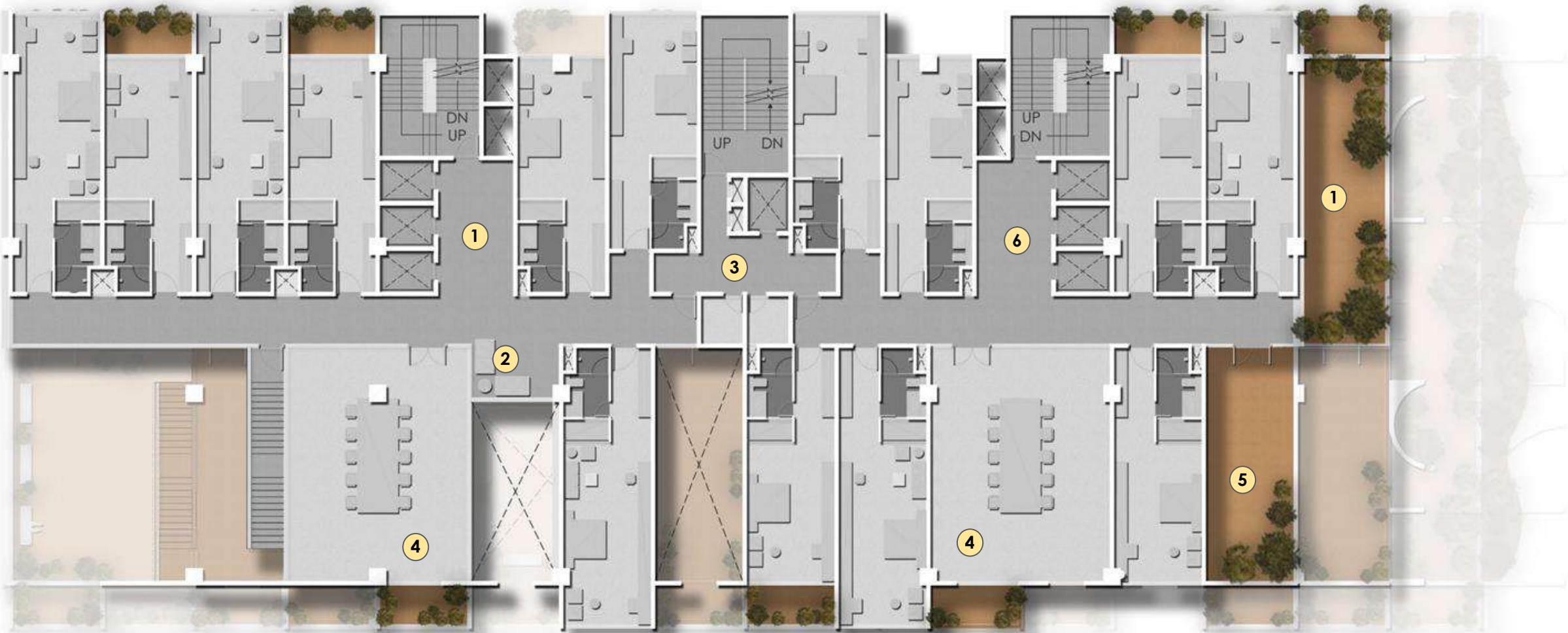
LEGENDS

- 1. LOBBY (WING A)
- 2. LOUNGE
- 3. SERVICE CORE
- 4. AMENITY TERRACES
- 5. LOBBY (WING B)



SEVENTH FLOOR PLAN- ROOM CLUSTER





LEGENDS

- 1. LOBBY (WING A)
- 2. LOUNGE
- 3. SERVICE CORE
- 4. BRIEFING ROOM
- 5. TERRACES
- 6. LOBBY (WING B)



EIGHTH FLOOR PLAN- ROOM CLUSTER





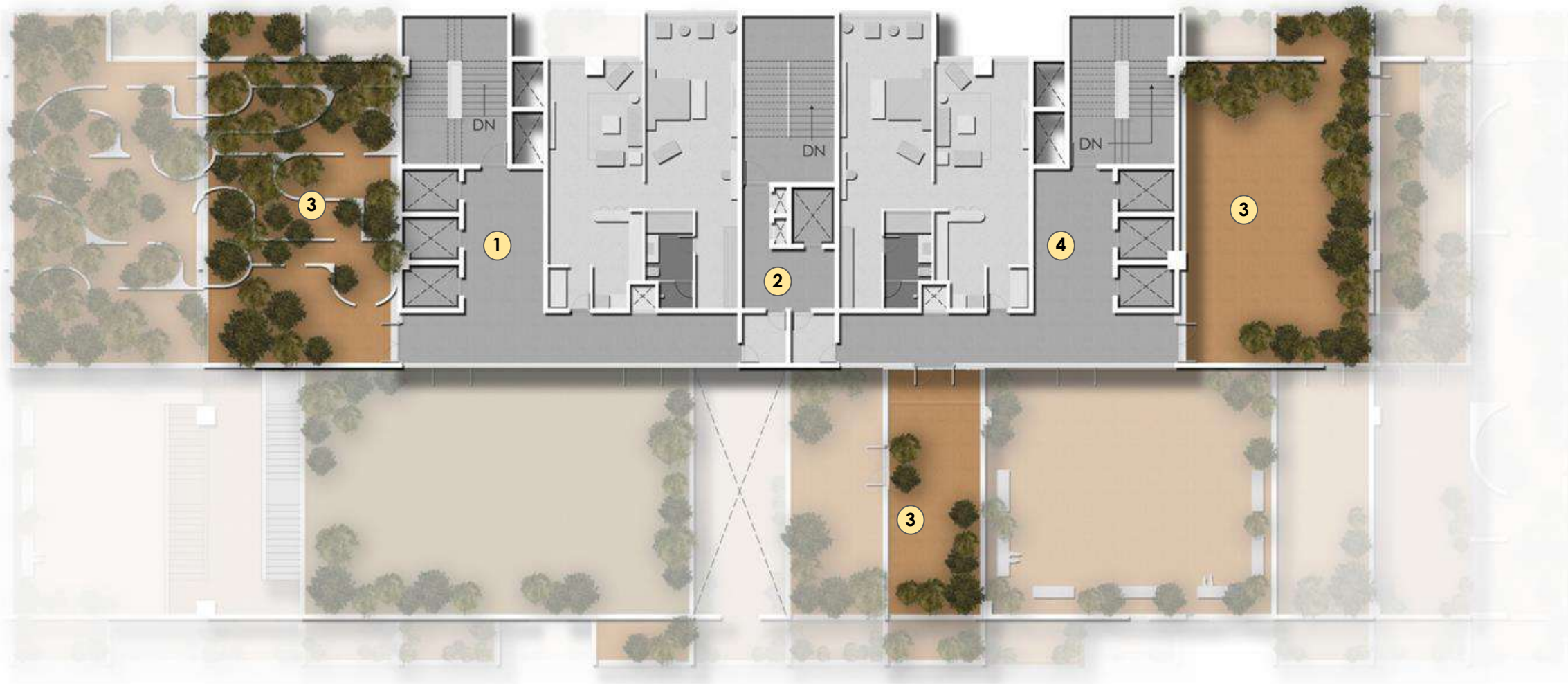
LEGENDS

- 1. LOBBY (WING A)
- 2. SERVICE CORE
- 3. SERVICE TERRACE
- 4. LOBBY (WING B)
- 5. AMENITY TERRACE



NINTH FLOOR PLAN- ROOM CLUSTER





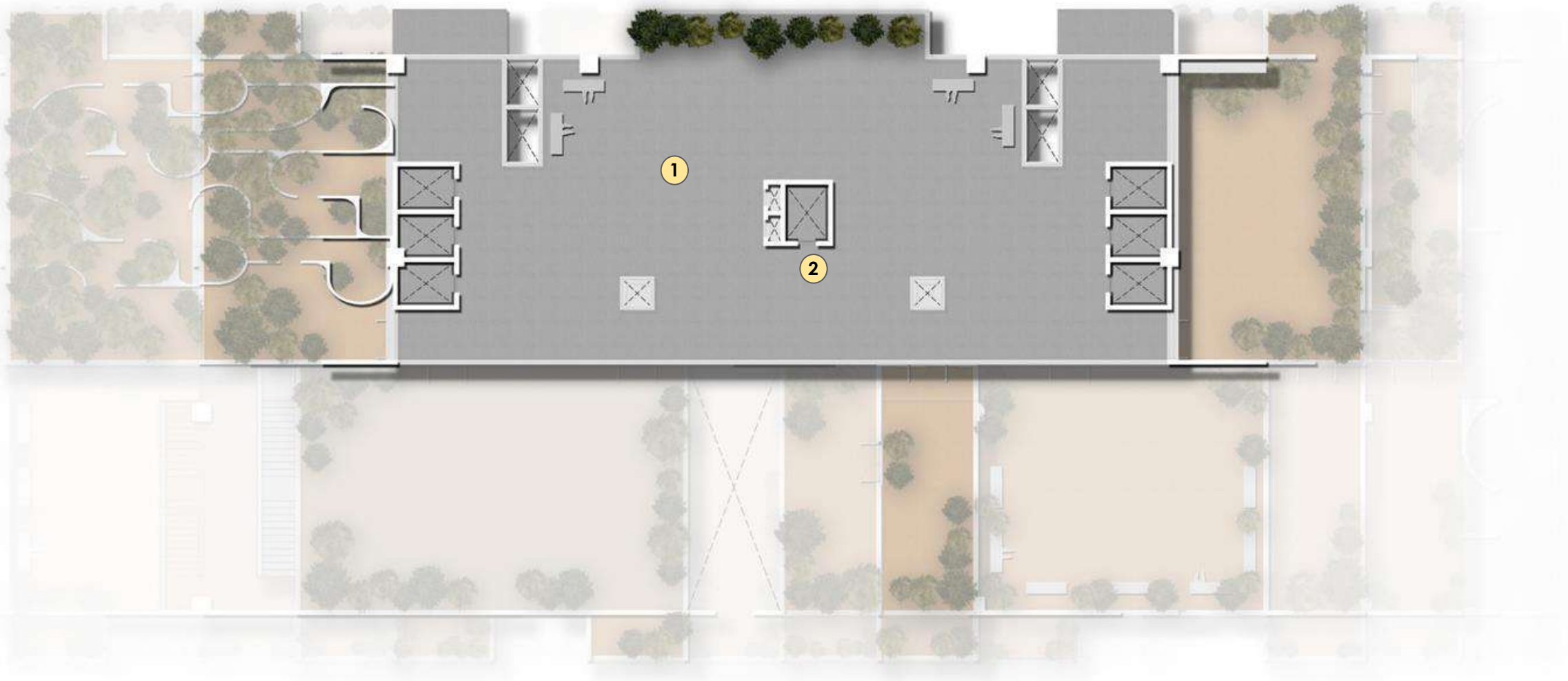
LEGENDS

- 1. LOBBY (WING A)
- 2. SERVICE CORE
- 3. ATTACHED TERRACE
- 4. LOBBY (WING B)



TENTH FLOOR PLAN- ROOM CLUSTER





LEGENDS

- 1. SERVICE TERRACE
- 2. SERVICE CORE



TERRACE FLOOR PLAN- ROOM CLUSTER

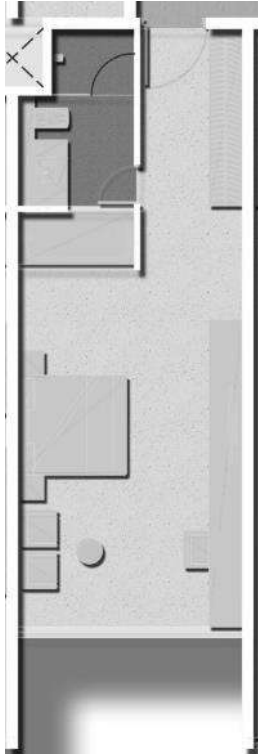


LEGENDS

1. SOLAR PANELS

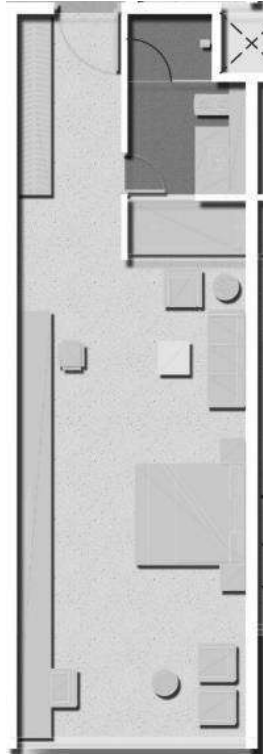






**REGULAR ROOM**

CARPET AREA :- 44.06 SQ.M.



**LARGE ROOM**

CARPET AREA :- 52.16 SQ.M.



**REGULAR ROOM WITH ATTACHED TERRACE (SMALL)**

CARPET AREA :- 51.34 SQ.M.



**SUITE**

CARPET AREA :- 96.24 SQ.M.



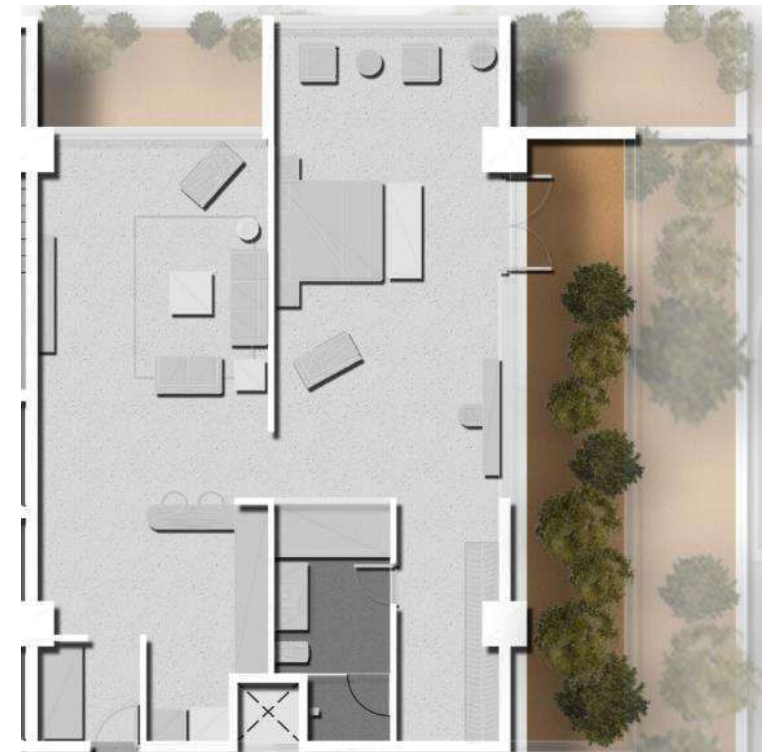
**REGULAR ROOM WITH ATTACHED TERRACE (LARGE)**

CARPET AREA :- 95.44 SQ.M.



**SUITE WITH ATTACHED TERRACE (LARGE)**

CARPET AREA :- 223.61 SQ.M.



**SUITE WITH ATTACHED TERRACE (SMALL)**

CARPET AREA :- 118.73 SQ.M.





PICK-UP/ DROP-OFF POINT

RECEPTION & LOUNGE

SEM-COVERED SWIMMING  
POOL (WING A)

LOBBY/ LOUNGE – WING A

REFUGE AREA

BUSINESS CENTRE

TEAM DINING- WING A

LOBBY/ LOUNGE – WING B

TEAM DINING- WING B

SECURITY/ CONTROL ROOM

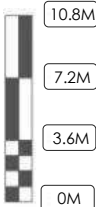
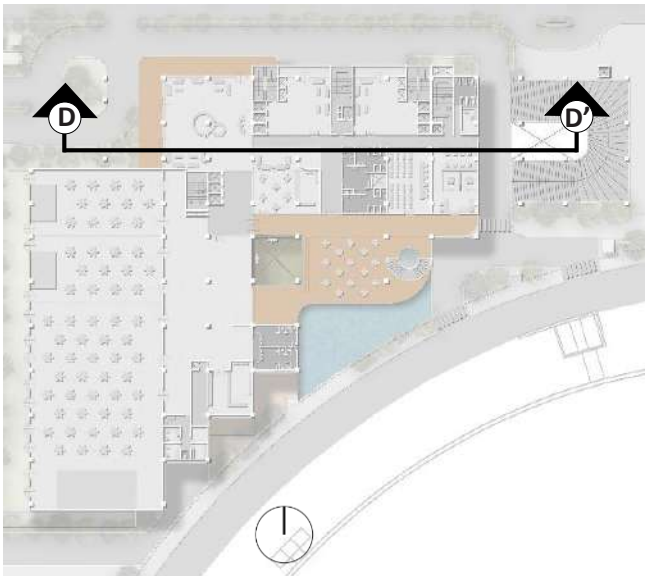
REFUGE AREA

CHANGING ROOMS - WING B

SEM-COVERED SWIMMING  
POOL (WING B)

ADMINISTRATIVE AREA

RAMP GOING TO BASEMENT  
PARKING



SECTION DD'





BANQUET HALL

OPEN TO SKY PARTY DECK

SERVICE SLAB

BUSINESS CENTRE-  
RECEPTION AREA

BRIEFING ROOM

CAFE

GYM – WING A

BASEMENT 01 PARKING

BASEMENT 02 PARKING

TOILETS

KITCHEN

PRESS BRIEFING AREA

BRIEFING ROOM

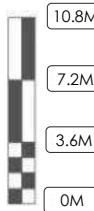
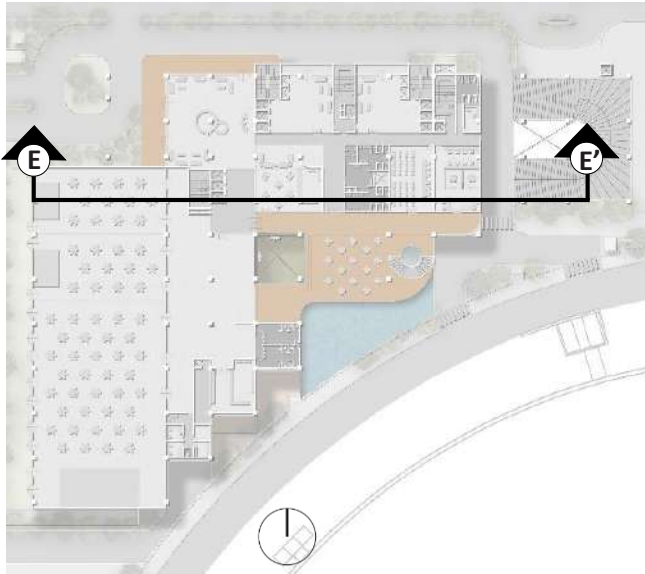
MEDIA CENTRE

MUSEUM GALLERY

SPORTS BAR

GYM – WING B

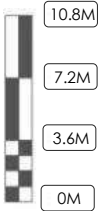
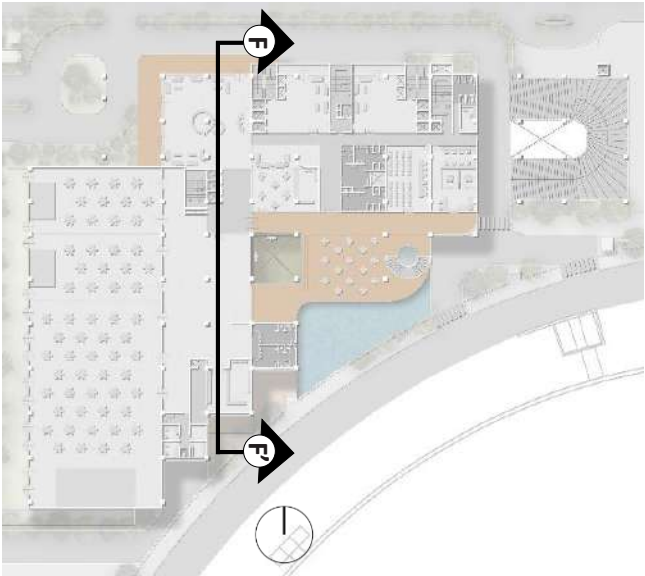
RAMP GOING TO BASEMENT  
PARKING



SECTION EE'

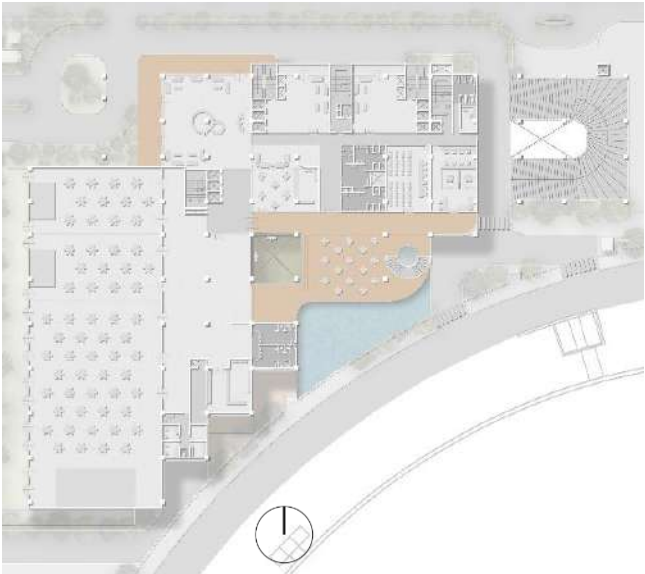


- SEMI-COVERED SWIMMING POOL
- RECEPTION LOUNGE
- BASEMENT 01 PARKING
- AMENITY TERRACE
- BASEMENT 02 PARKING
- AMPHITHEATRE
- PRE-FUNCTION AREA
- RESTAURANT
- RESTAURANT
- OPEN TO SKY PARTY DECK

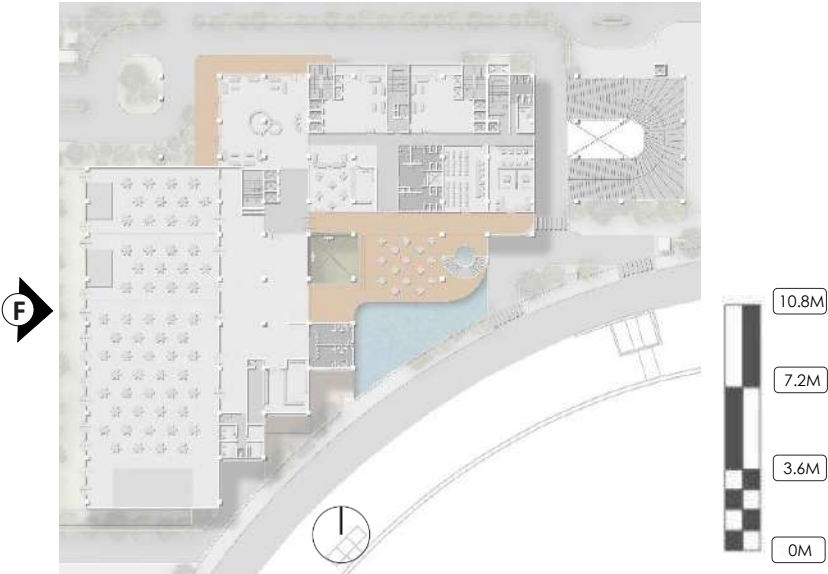


SECTION FF'



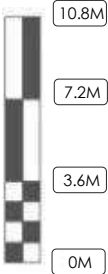
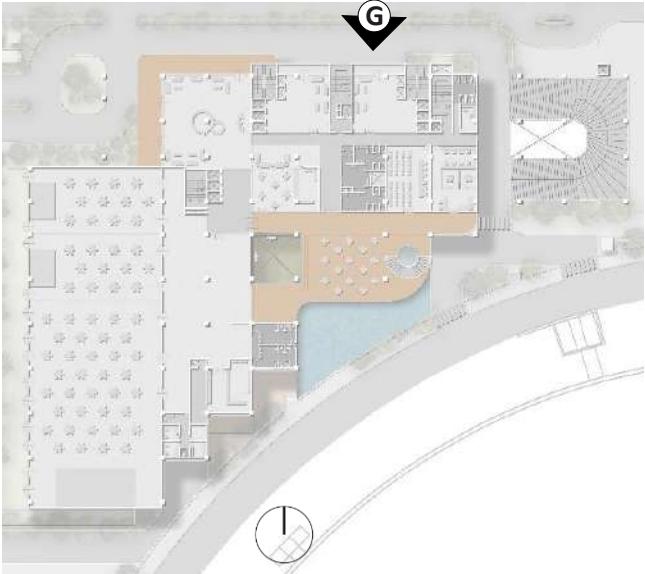


ELEVATION E

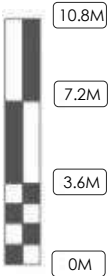
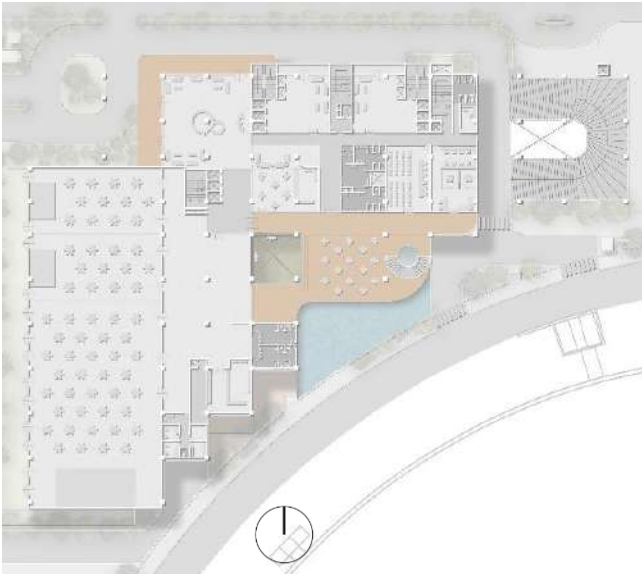


ELEVATION F



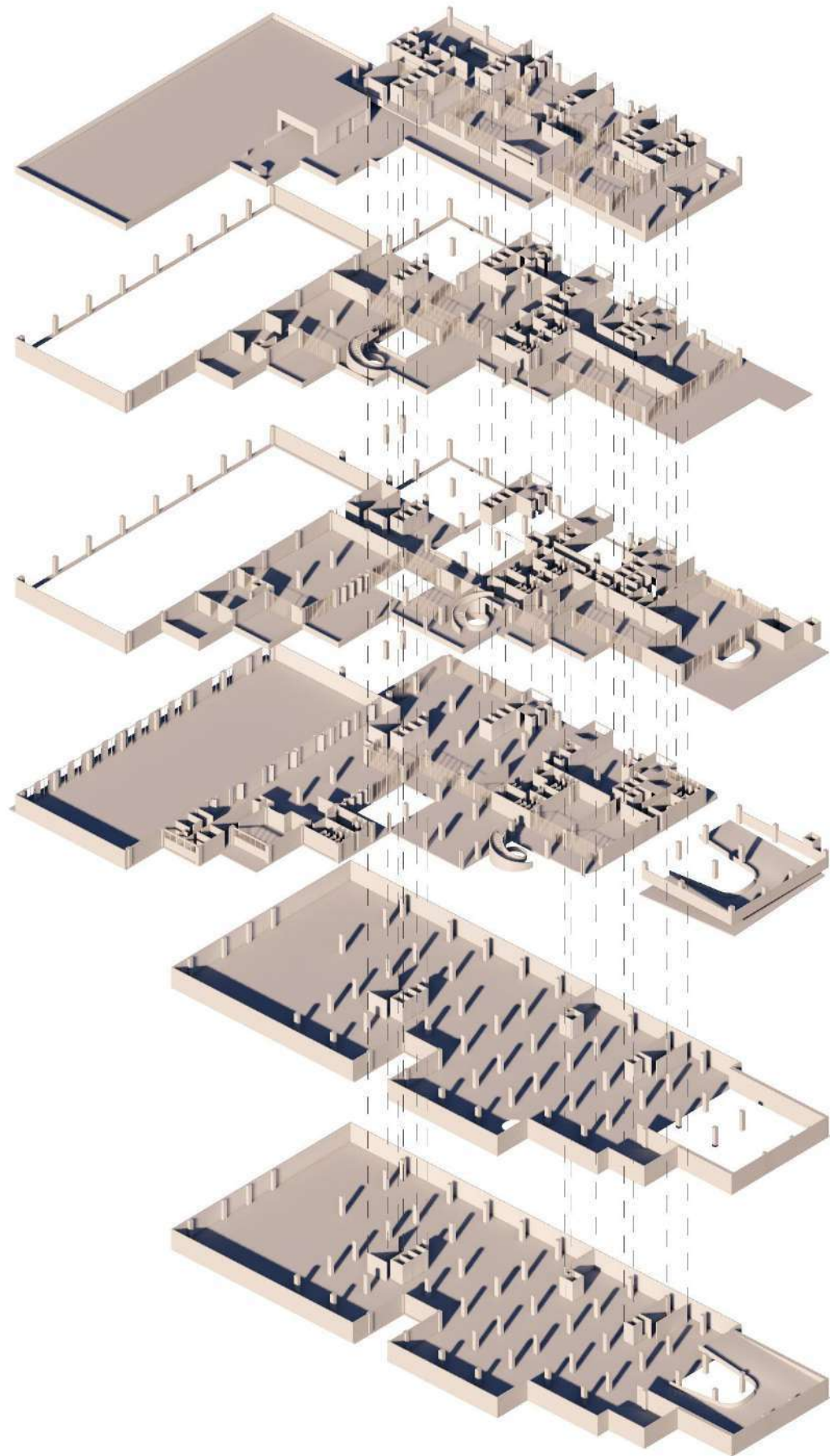


ELEVATION G



ELEVATION H





### THIRD FLOOR

SEPARATE AMENITIES FOR TWO TEAM WINGS INCLUDING DINING AREAS, GYM, SWIMMING POOL AND TERRACES (RESTRICTED ACCESS DURING MATCH DAYS)

### SECOND FLOOR

RESTAURANTS, BUSINESS CENTRE, SPORTS BAR

### FIRST FLOOR

RESTAURANTS, CRECHE, CRICKET MUSEUM, MULTIPURPOSE TERRACE

### GROUND FLOOR

RECEPTION LOUNGE, BANQUET HALLS, MEDIA CENTRE, PRESS BRIEFING AREAS, CAFE, SEMI COVERED POOL SIDE PLAZA, PLAYERS' ENTRANCE LOUNGES

### BASEMENT 01

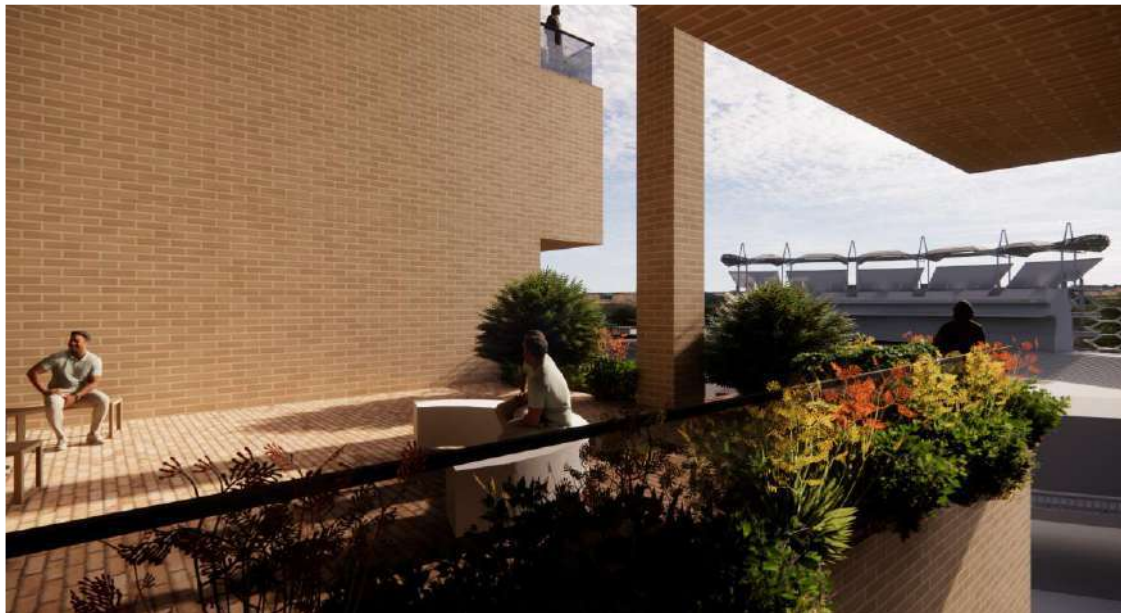
SERVICE CORES, STACK CAR PARKING, TWO WHEELER PARKING, BICYCLE PARKING

### BASEMENT 02

SERVICE CORES, STACK CAR PARKING

AXONOMETRIC VIEW – LOWER LEVELS





#### TENTH FLOOR

SUITES WITH COMMON ATTACHED TERRACES

#### NINTH FLOOR

AMENITY TERRACE (WING B), SERVICE TERRACE, ATTACHED TERRACES TO SUITES

#### EIGHTH FLOOR

ROOMS, ATTACHED TERRACES (WING B)

#### SEVENTH FLOOR

AMENITY TERRACES FOR WINGS A & B, STANDARD ROOMS, SUITE ROOMS (WING B)

#### SIXTH FLOOR

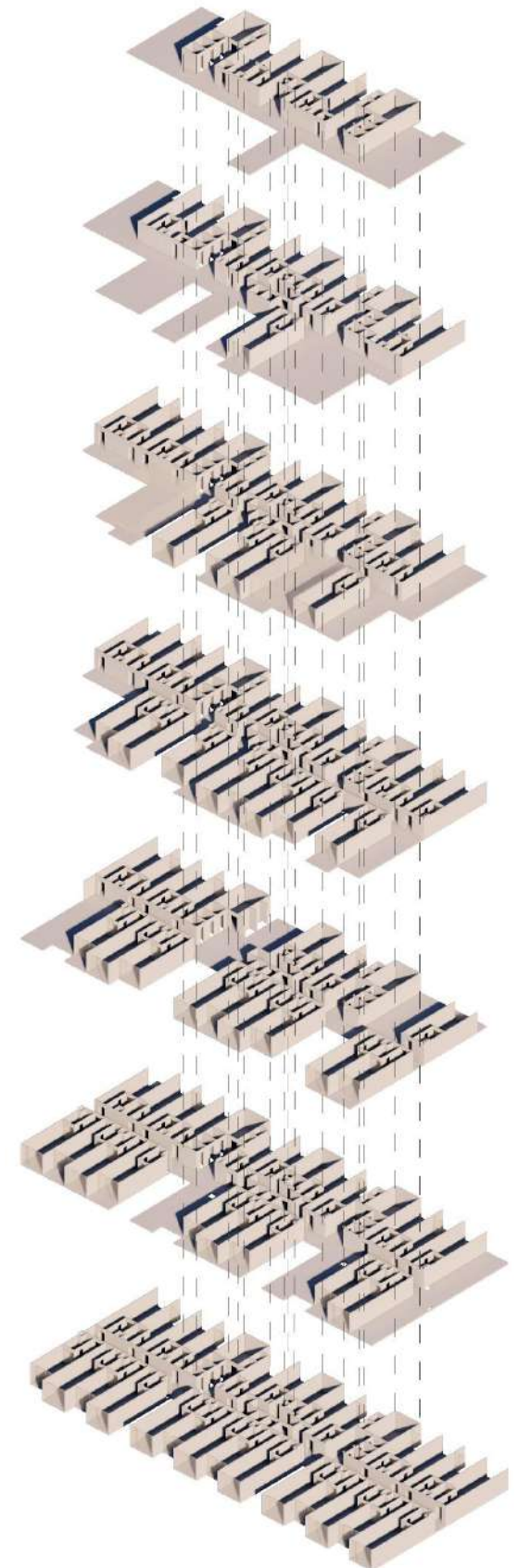
AMENITY TERRACE 02 (WING A) , REFUGE AREAS, STANDARD ROOMS

#### FIFTH FLOOR

DEDICATED AMENITY TERRACES FOR EACH WING , STANDARD ROOMS.

#### FOURTH FLOOR

WING A & WING B ROOMS WITH DEDICATED LOBBIES. COMMON SERVICES CORE TO CATER THE TWO WINGS, STANDARD ROOMS.



AXONOMETRIC VIEW- UPPER LEVELS







HOTEL VIEW AS OVERLOOKED FROM THE STANDS

VIEW FROM THE STADIUM





AMENITY TERRACES SEPARATING THE RESTRICTED AREAS ABOVE FROM THE LEISURE ACTIVITIES AT THE LOWER LEVEL





DEEP EAST SIDE LANDSCAPED TERRACES AS EXTENSIONS OF AMENITIES & ACTIVITIES AT VARIOUS LEVELS





ADDITIONAL ACCESS FROM THE STADIUM SIDE WITH PICK UP / DROP-OFF FACILITY FOR ACCESS TO THE CRICKET MUSEUM & SPORTS BAR

SOUTH VIEW





STAGGERED ARRANGEMENT OF ROOMS WITH & WITHOUT BALCONIES, ATTACHED AMENITY TERRACES CARVED OUT IN THE FAÇADE.





ALL AMENITY AREAS AT ROOM FLOOR LEVELS OPEN TO THE SOUTH OVERLOOKING THE STADIUM





INFORMAL SPACES ON EASTERN & WESTERN SIDES OF THE HOTEL IN FORM OF ATTACHED & INTERCONNECTED TERRACES





SEMI COVERED SWIMMING POOL WITH VIEWS OF THE STADIUM & LANDSCAPED EAST SIDE TERRACES





SKY LIT MULTIPURPOSE COVERED SPACES AT GROUND LEVEL EXTEND THE COURTYARD, THE PRE-FUNCTION AREAS, CAFÉ & CRICKET MUSEUM





DOUBLE HEIGHT FOYER WITH LANDSCAPED CANOPY AT THE ENTRANCE





CAFES, RESTAURANTS, CRICKET MUSEUM, CRECHE, SPORTS BAR & GROUND FLOOR PLAZA OPEN UP TO THE VIEW OF THE STADIUM



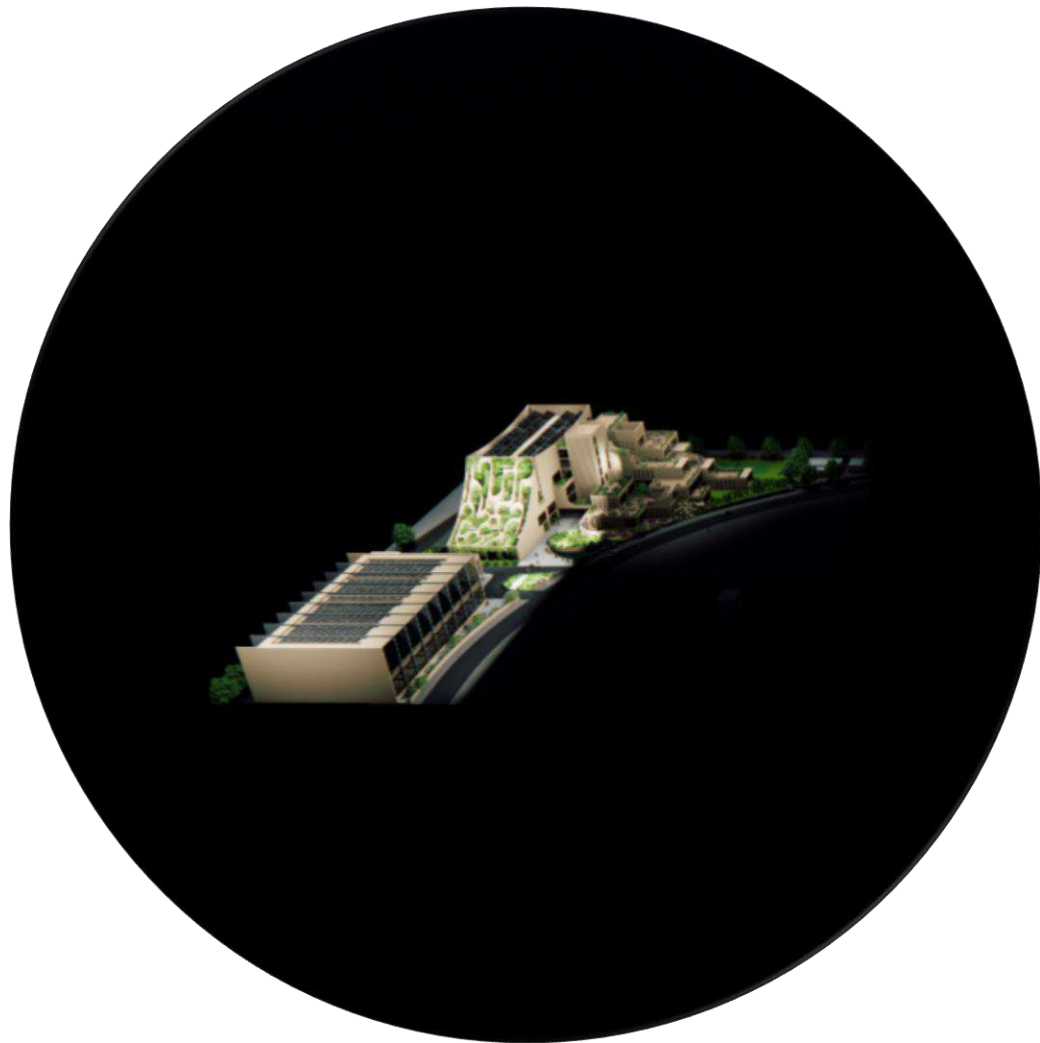
PARKING SUMMARY : ZONE 02(HOTEL)						
FLOOR LEVEL	NO. OF CARS				NO. OF SCOOTERS	NO. OF CYCLES
	STACK PARKING (2.50 X 5.00)	STACK PARKING (2.30 X 4.50)	PARKING (2.50 X 5.00)	PARKING (2.30 X 4.50)	STACK PARKING	STACK PARKING
BASEMENT 02	234	32	0	0	0	0
BASEMENT 01	102	26	0	0	412	504
<b>TOTAL NOS.</b>	<b>394</b>				<b>412</b>	<b>504</b>

Hotel/ Accommodation Facility - Around 15,000 sq.mt. of constructed area proposed for a 104 keys hotel building puts this facility in the 'Leisure Hotel' category implying its reliance on ancillary uses like restaurants, banquets and cafe bars for its financial viability. Because the facility is located far out of the urban centers of Pune & Pimpri Chinchwad, these ancillary functions will attract visitors 'only' for their proximity to the stadium. These leisure uses, essentially informal by nature are designed to face the stadium creating a visual axis that builds on the idea of connectivity to the stadium. Also, a pedestrian internal connection to sports and training facility, Olympic sized swimming pool and the health center add to the legibility of functions within the hotel.

CARPET AREA SUMMARY- ZONE 02(HOTEL)			
FLOOR	USE TYPE	CARPET AREA (SQ.M.)	TERRACE AREA (SQ.M.)
GROUND FLOOR	BANQUET	1,626.78	0.00
	CAFETERIA	105.82	0.00
	PRESS BRIEFING & MEDIA AREA	212.09	0.00
FIRST FLOOR	RESTAURANT & KITCHEN	394.80	277.22
	KITCHEN	83.83	68.89
	CRECHE	68.88	68.84
	COMMON TERRACE	0.00	68.04
	MUSEUM FOYER + TERRACE	47.72	84.71
	CRICKET MUSEUM	175.33	0.00
	ADMIN	321.31	260.43
	KITCHEN	68.89	68.89
	RESTAURANT	282.24	68.81
	COMMON TERRACE	0.00	105.82
SECOND FLOOR	BUSINESS CENTER	226.30	0.00
	CONFERENCE ROOM	285.33	202.17
	SPORTS BAR	229.62	71.20
	TERRACE	0.00	131.55
	GYM	228.72	98.23
THIRD FLOOR	KITCHEN	71.19	70.43
	GYM	114.36	98.32
	TEAM DINING	179.26	0.00
	SWIMMING POOL	125.33	75.53
	<b>TOTAL AREA (SQ.M.)</b>	<b>4,847.80</b>	<b>1,819.08</b>

HOTEL ROOM SUMMARY- ZONE 02(HOTEL)			
ROOM TYPE	CARPET AREA(SQ.M.)	NO. OF ROOMS	TOTAL CARPET AREA(SQ.M.)
REGULAR	44.06	37.00	1,630.22
LARGE	52.16	38.00	1,982.08
REGULAR WITH ATTACHED TERRACE (SMALL)	51.34	24.00	1,232.16
REGULAR WITH ATTACHED TERRACE (LARGE)	95.44	1.00	95.44
SUITE	96.24	2.00	192.48
SUITE WITH ATTACHED TERRACE (SMALL)	118.73	1.00	118.73
SUITE WITH ATTACHED TERRACE (LARGE)	223.61	1.00	223.61
<b>TOTAL</b>		<b>104.00</b>	<b>5,474.72</b>





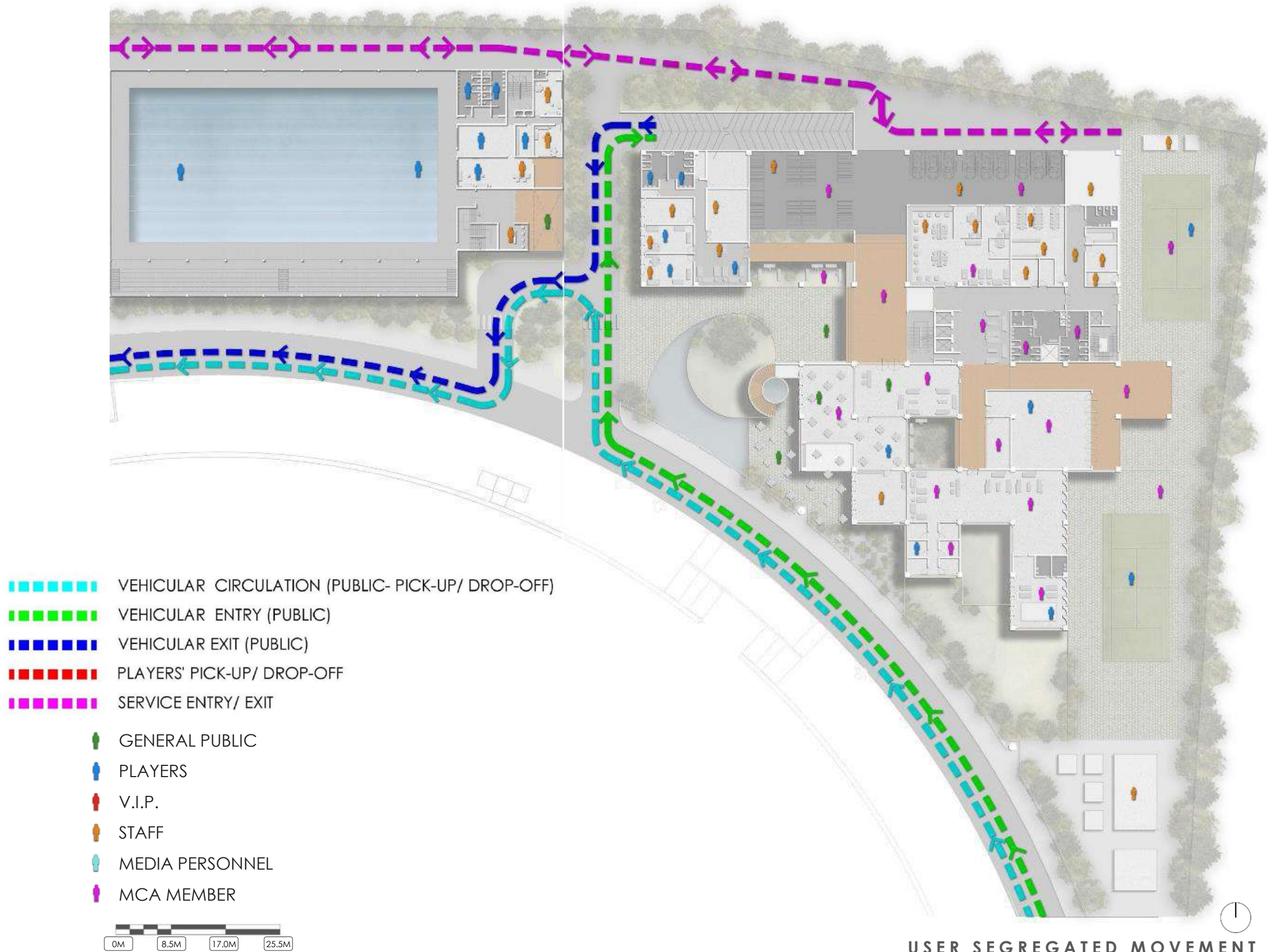
## ZONE 03

AQUATICS CENTRE + SPORTS & TRAINING FACILITY





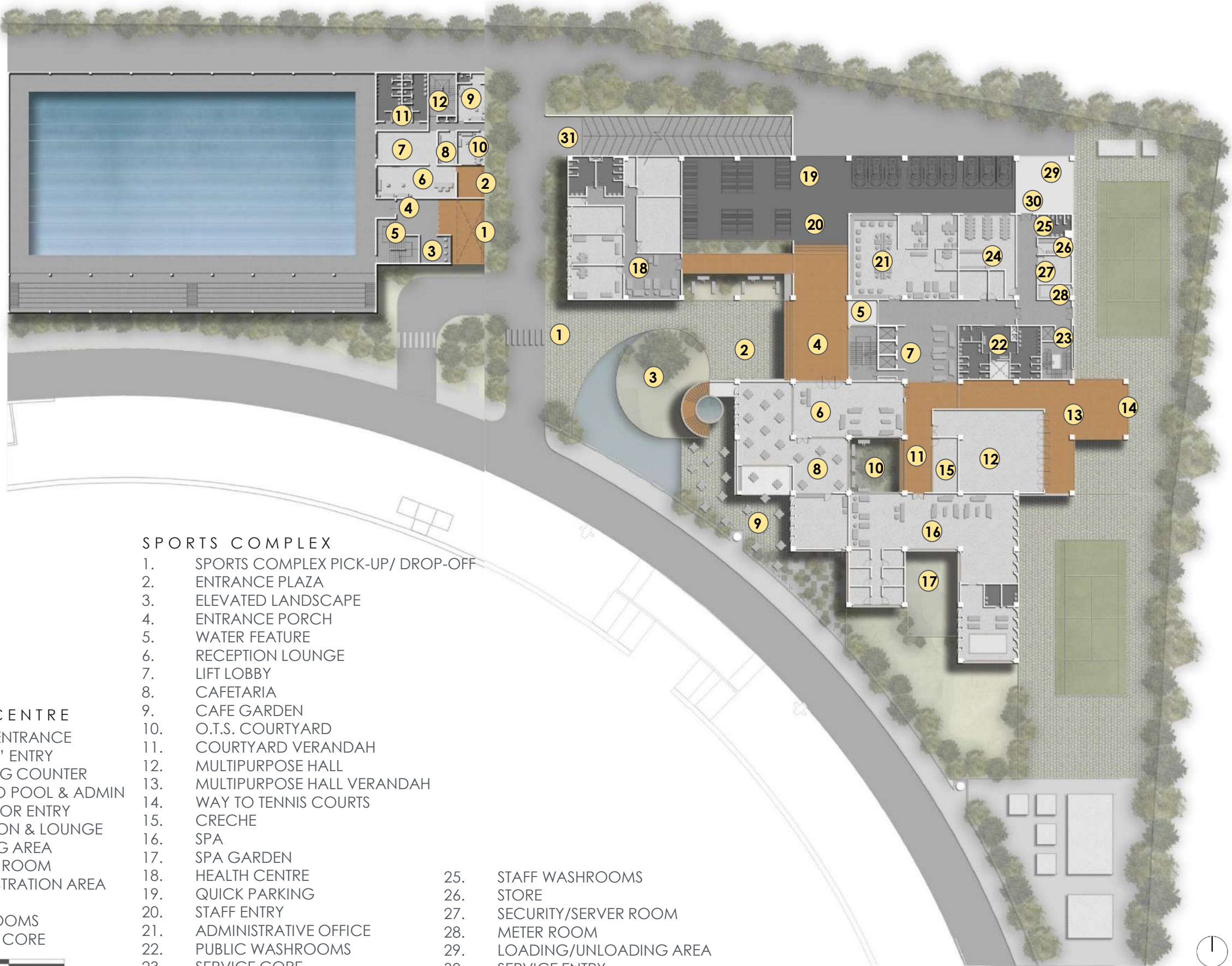












LEGENDS

AQUATIC CENTRE

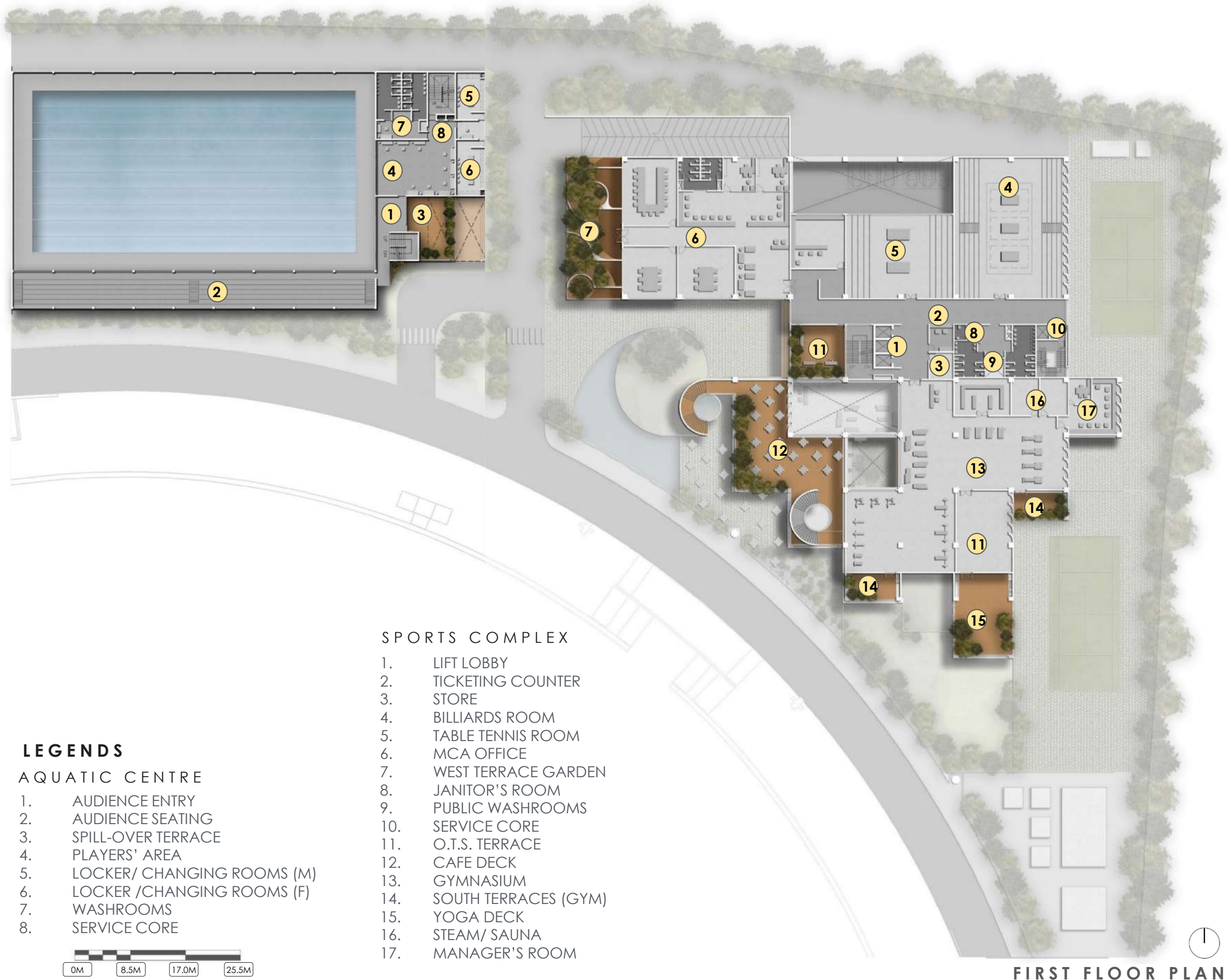
- 1. PUBLIC ENTRANCE
- 2. PLAYERS' ENTRY
- 3. TICKETING COUNTER
- 4. ENTRY TO POOL & ADMIN
- 5. SPECTATOR ENTRY
- 6. RECEPTION & LOUNGE
- 7. HOLDING AREA
- 8. LOCKER ROOM
- 9. ADMINISTRATION AREA
- 10. OFFICE
- 11. WASHROOMS
- 12. SERVICE CORE

SPORTS COMPLEX

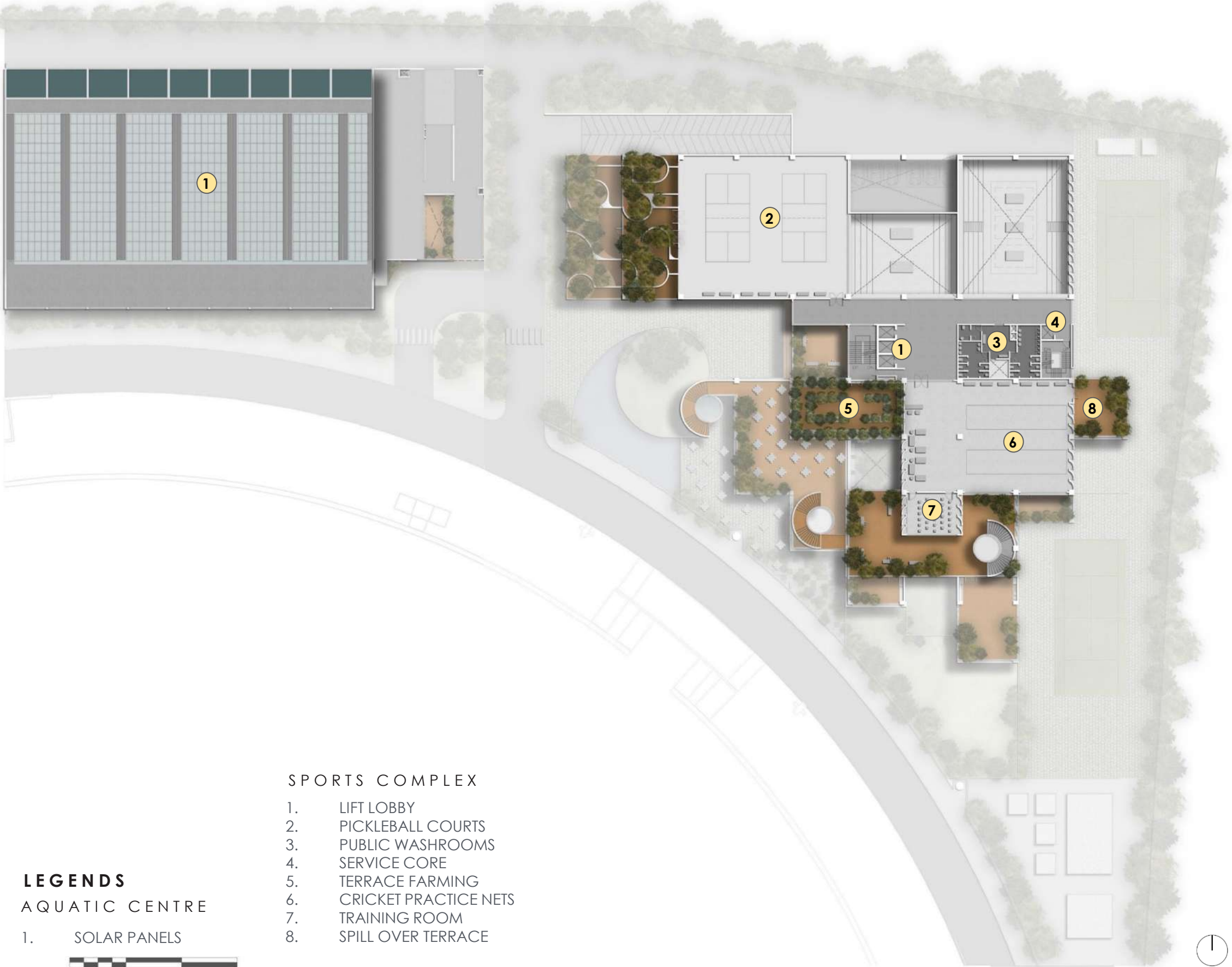
- 1. SPORTS COMPLEX PICK-UP/ DROP-OFF
- 2. ENTRANCE PLAZA
- 3. ELEVATED LANDSCAPE
- 4. ENTRANCE PORCH
- 5. WATER FEATURE
- 6. RECEPTION LOUNGE
- 7. LIFT LOBBY
- 8. CAFETERIA
- 9. CAFE GARDEN
- 10. O.T.S. COURTYARD
- 11. COURTYARD VERANDAH
- 12. MULTIPURPOSE HALL
- 13. MULTIPURPOSE HALL VERANDAH
- 14. WAY TO TENNIS COURTS
- 15. CRECHE
- 16. SPA
- 17. SPA GARDEN
- 18. HEALTH CENTRE
- 19. QUICK PARKING
- 20. STAFF ENTRY
- 21. ADMINISTRATIVE OFFICE
- 22. PUBLIC WASHROOMS
- 23. SERVICE CORE
- 24. STAFF CANTEEN
- 25. STAFF WASHROOMS
- 26. STORE
- 27. SECURITY/SERVER ROOM
- 28. METER ROOM
- 29. LOADING/UNLOADING AREA
- 30. SERVICE ENTRY
- 31. RAMP TO BASEMENT

GROUND FLOOR PLAN









LEGENDS

AQUATIC CENTRE

- 1. SOLAR PANELS

SPORTS COMPLEX

- 1. LIFT LOBBY
- 2. PICKLEBALL COURTS
- 3. PUBLIC WASHROOMS
- 4. SERVICE CORE
- 5. TERRACE FARMING
- 6. CRICKET PRACTICE NETS
- 7. TRAINING ROOM
- 8. SPILL OVER TERRACE



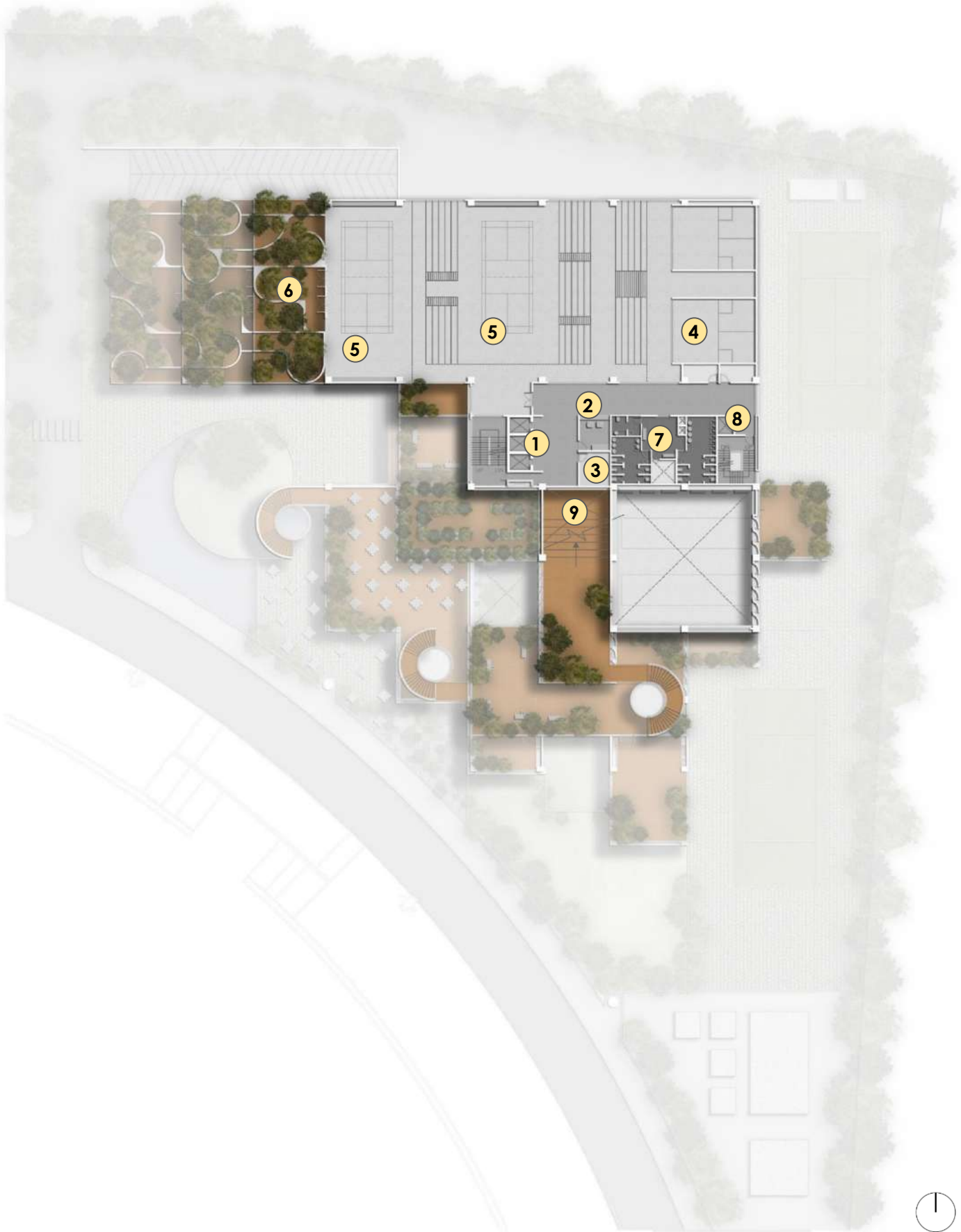
SECOND FLOOR PLAN



LEGENDS

SPORTS COMPLEX

- 1. LIFT LOBBY
- 2. TICKETING COUNTER
- 3. STORE
- 4. SQUASH COURTS
- 5. BADMINTON COURTS
- 6. WEST TERRACES
- 7. WASHROOMS
- 8. SERVICE CORE
- 9. AMPHITHEATRE



THIRD FLOOR PLAN



LEGENDS

SPORTS COMPLEX

- 1. LIFT LOBBY
- 2. TERRACE RESTAURANT
- 3. WASHROOM
- 4. RESTAURANT KITCHEN
- 5. STADIUM VIEW TERRACE
- 6. SERVICE CORE



FOURTH FLOOR PLAN



LEGENDS

SPORTS COMPLEX

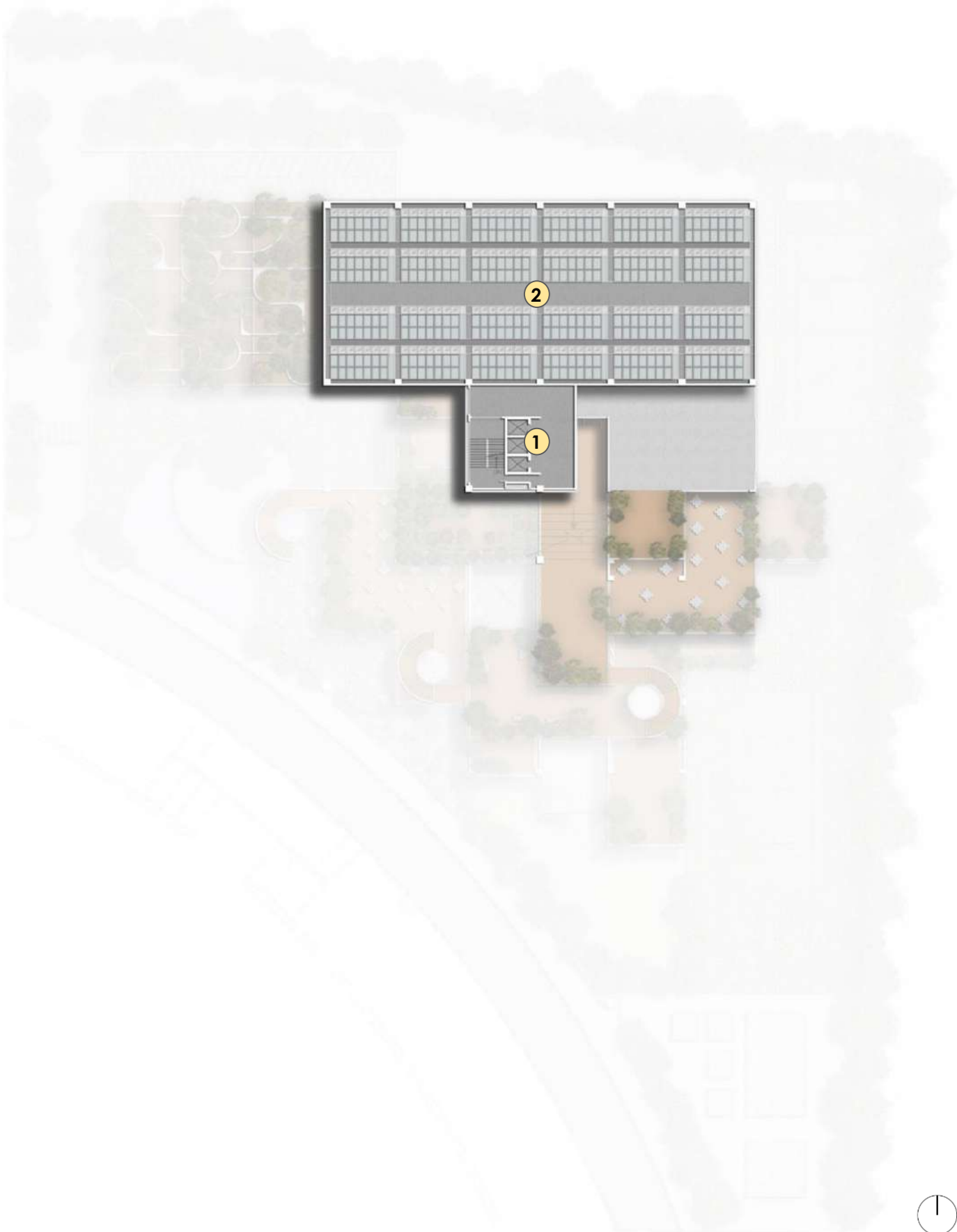
- 1. LIFT LOBBY
- 2. MAINTENANCE ROOM
- 3. O.T.S MAINTENANCE ROOM
- 4. SERVICE CORE



FIFTH FLOOR PLAN



- LEGENDS**
- SPORTS COMPLEX
- 1. LIFT LOBBY
  - 2. SOLAR PANELS

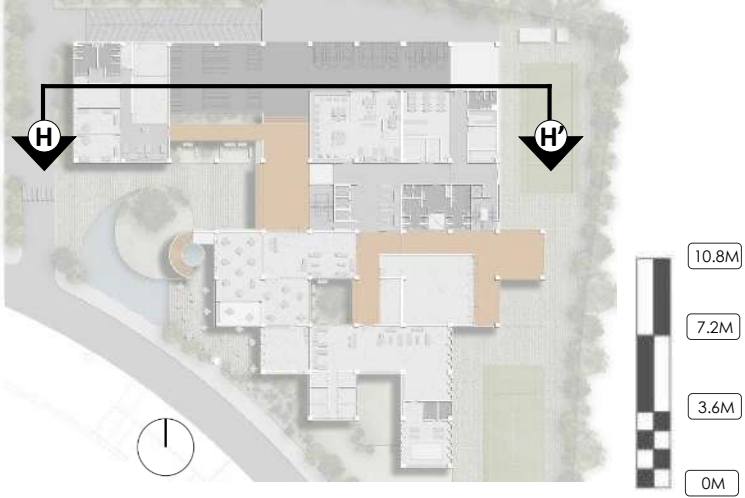


TERRACE FLOOR PLAN





- TABLE TENNIS COURT
- SQUASH COURTS
- BADMINTON COURT
- BASEMENT 02 PARKING
- CRICKET PRACTICE NETS
- ADMINISTRATION
- STAFF PARKING
- CONFERENCE ROOM
- HEALTH CENTRE
- BASEMENT 01 PARKING

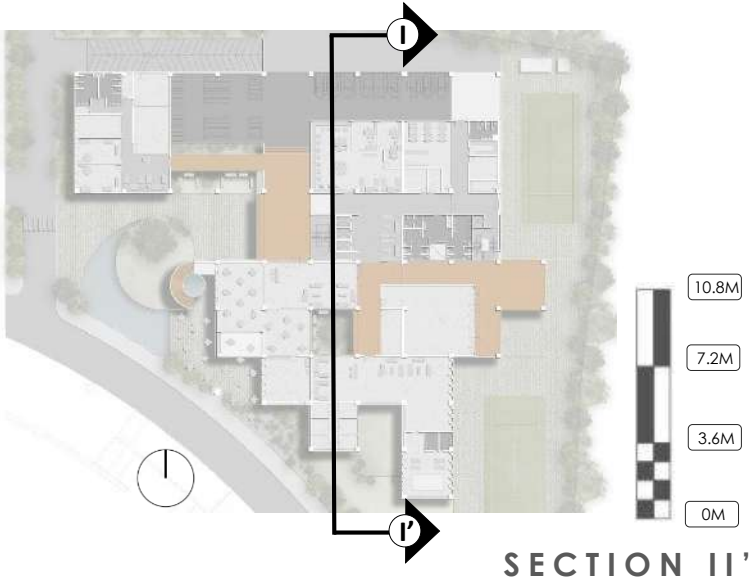


SECTION HH'



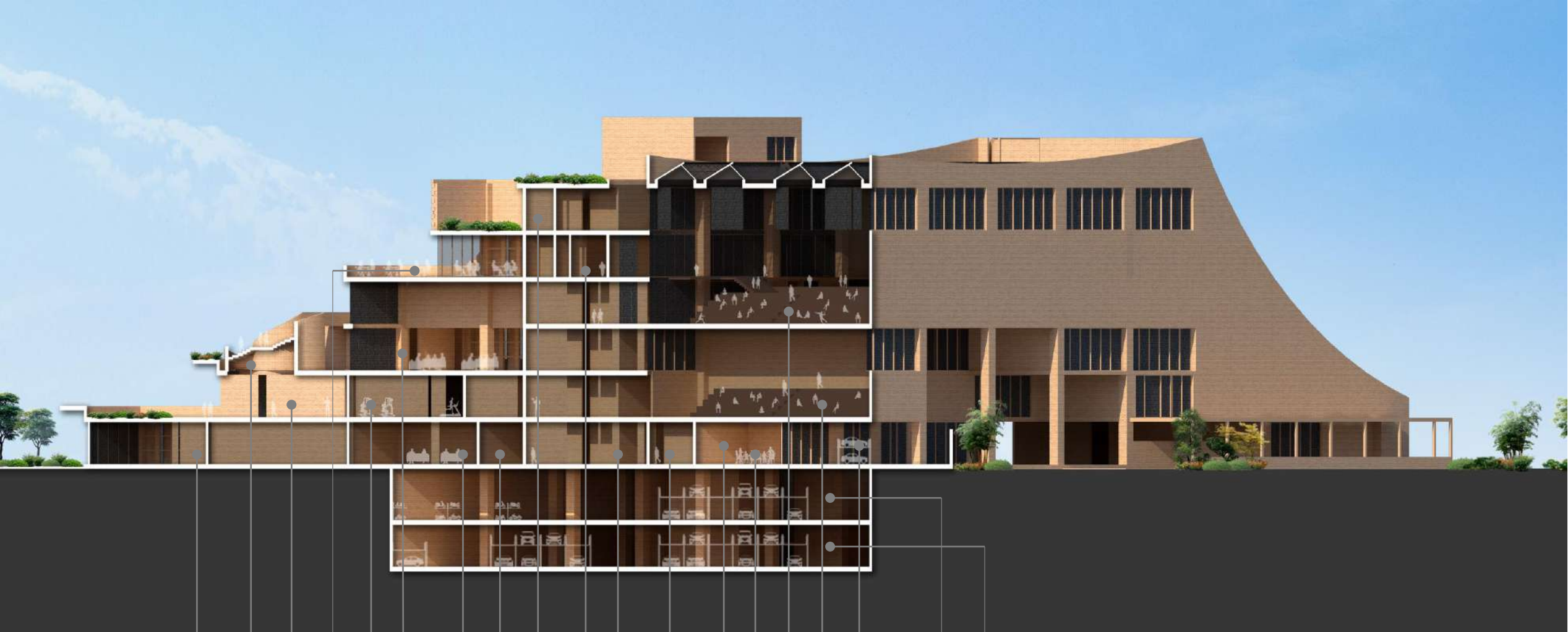


- STAFF PARKING
- BASEMENT 01 PARKING
- BADMINTON COURT
- TENNIS COURT
- ADMINISTRATION
- BASEMENT 02 PARKING
- RECEPTION LOUNGE
- 2- WHEELER STACK
- PARKING
- CENTRAL COURTYARD
- SPA
- GYMNASIUM



SECTION II'





SPA

CIRCULAR STAIRCASE  
SKYLIGHT

YOGA DECK

RESTAURANT

GYMNASIUM

CRICKET PRACTICE  
NETS

MULTIPURPOSE HALL

VERANDAH

MAINTENANCE ROOM

RESTAURANT KITCHEN

PUBLIC WASHROOM

METER ROOM

RECEPTION LOUNGE

STAFF CANTEEN

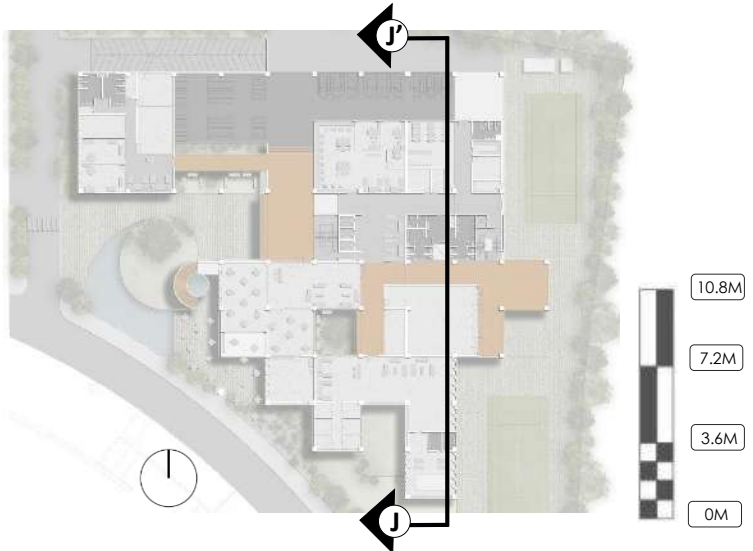
BADMINTON COURT

TABLE TENNIS COURT

STAFF PARKING

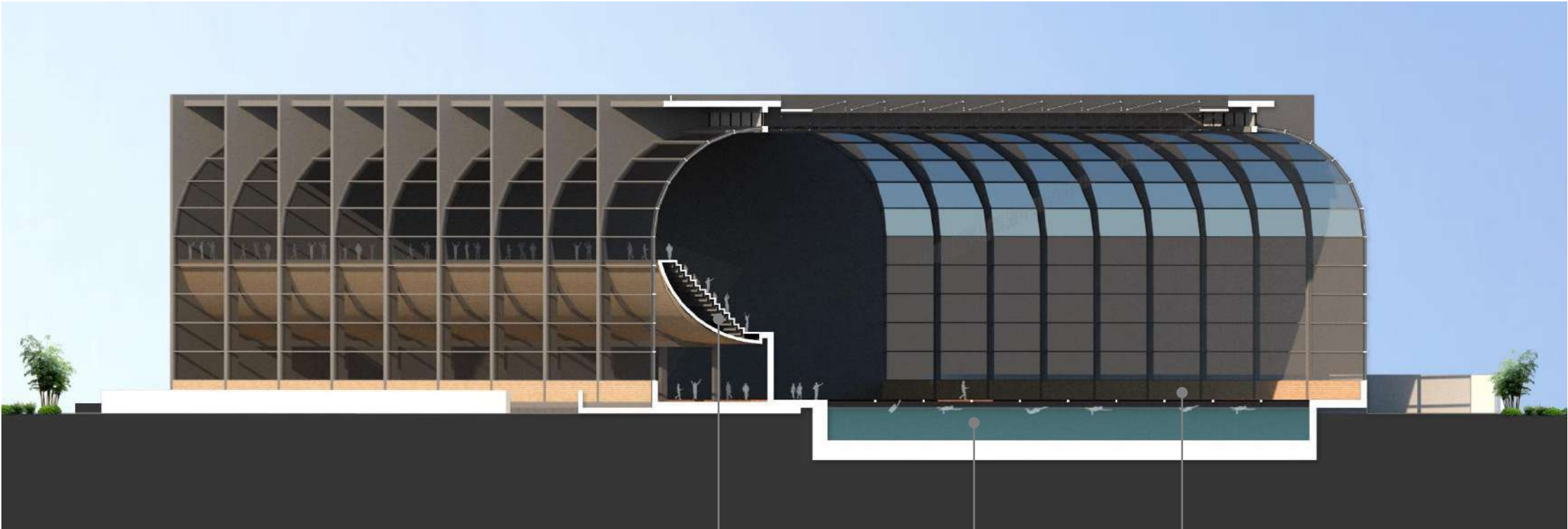
BASEMENT 01 PARKING

BASEMENT 02 PARKING



SECTION JJ'

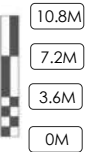




SEATING AREA

OLYMPIC POOL

PLAYERS AREA



SECTION GG'





ELEVATION I



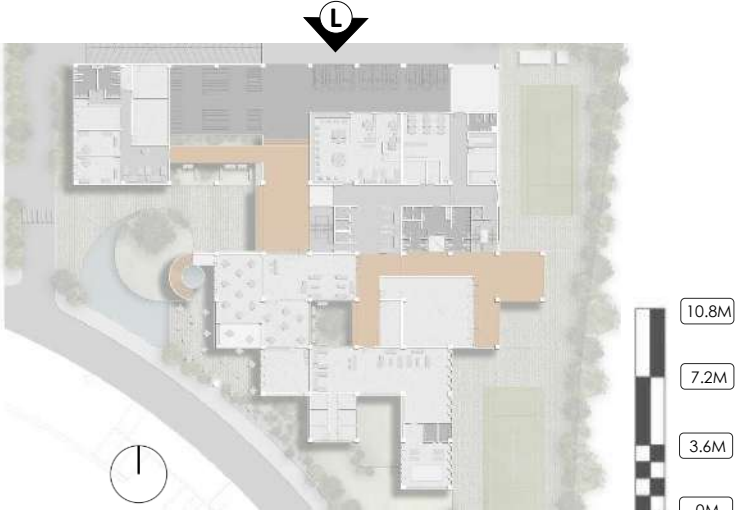






ELEVATION K





ELEVATION L





Clubhouse & Training Facility- Access to the Clubhouse is designed to experience the stadium enroute, making it part of the gigantic complex. The facility is planned within the stadium precinct to connect directly with the hotel on one side (West) and the open play grounds on the other side (South). The clubhouse connected to the banquet facility of the Hotel optimizes space occupancy.

## TERRACE

SOLAR PANELS

## FIFTH FLOOR

MAINTENANCE FLOOR  
SERVICES

## FOURTH FLOOR

TERRACE RESTAURANTS

## THIRD FLOOR

SQUASH COURTS  
BADMINTON COURTS

## SECOND FLOOR

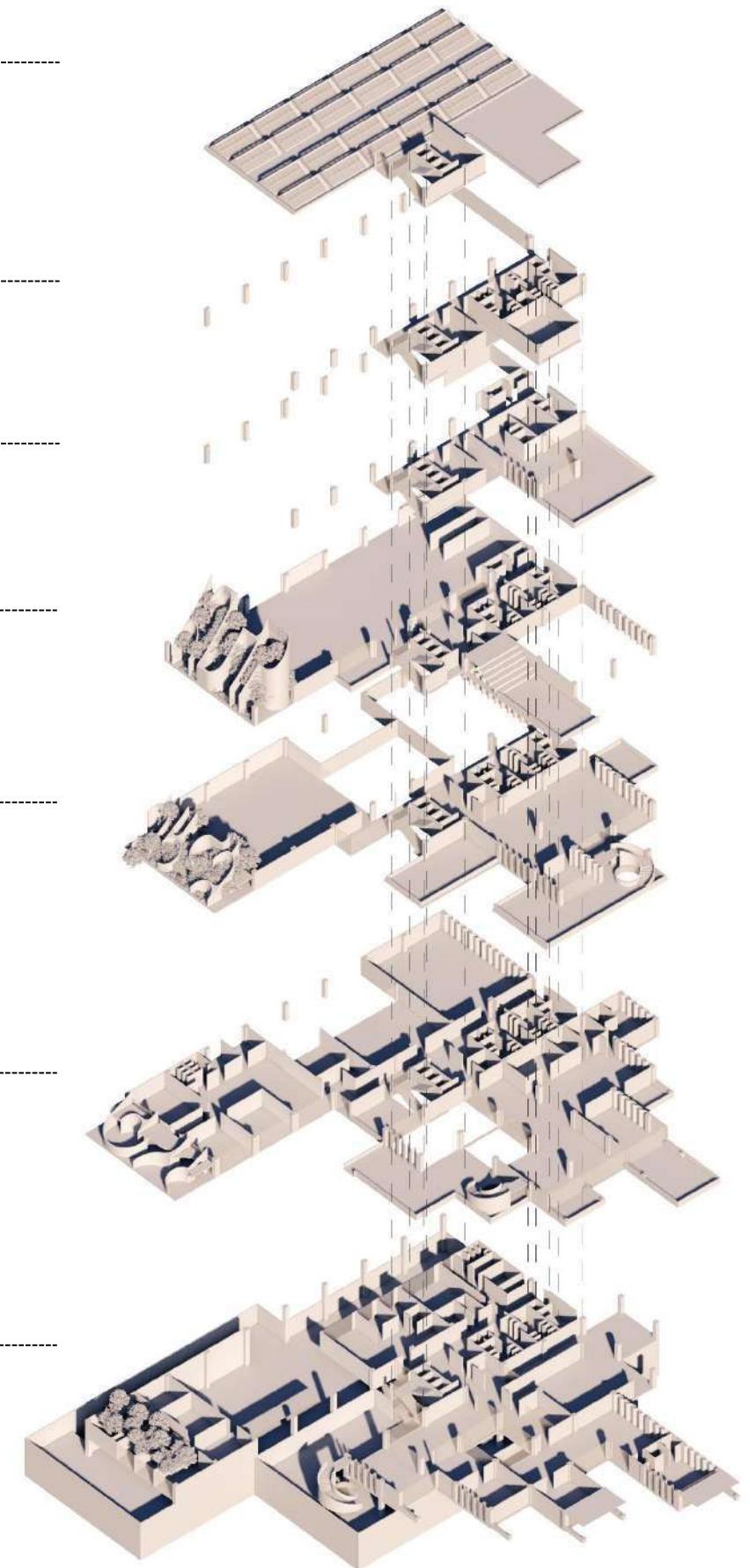
PICKLEBALL COURTS  
CRICKET PRACTICE  
NETS  
TRAINING ROOM  
TERRACE FARMING

## FIRST FLOOR

MCA OFFICE  
GYMNASIUM  
CAFE DECK  
BILLIARDS ROOM  
TABLE TENNIS ROOM

## GROUND FLOOR

HEALTH CENTRE  
ADMINISTRATIVE  
OFFICES  
STAFF FACILITIES  
SPA  
CAFETERIA  
TENNIS COURTS



AXONOMETRIC VIEW



PARKING SUMMARY : ZONE 03(AQUATIC & SPORTS CENTRE )						
FLOOR LEVEL	NO. OF CARS				NO. OF SCOOTERS	NO. OF CYCLES
	STACK PARKING (2.50 X 5.00)	STACK PARKING (2.30 X 4.50)	PARKING (2.50 X 5.00)	PARKING (2.30 X 4.50)	STACK PARKING	STACK PARKING
BASEMENT 02	170	40	0	0	0	0
BASEMENT 01	120	8	0	0	320	224
GROUND FLOOR	18	0	0	0	0	0
<b>TOTAL NOS.</b>	356				320	224

CARPET AREA SUMMARY- ZONE 03(SPORTS COMPLEX)			
FLOOR	USE TYPE	CARPET AREA (SQ.M.)	TERRACE AREA (SQ.M.)
GROUND FLOOR	HEALTH CENTER	295.13	0.00
	ADMIN	325.10	0.00
	CAFÉ	173.86	0.00
	KITCHEN	66.40	0.00
	POOL	73.43	0.00
	SPA	320.71	0.00
	CRECHE	31.15	0.00
	MULTIPURPOSE	177.25	0.00
FIRST FLOOR	MCA OFFICE	609.30	183.54
	BILLIARD	212.02	0.00
	TABLE TENNIS	363.72	0.00
	TERRACE CAFÉ	0.00	282.66
	GYM	536.04	67.22
	LOCKER	48.81	0.00
	STEAM/SAUNA	48.81	0.00
	MANAGER ROOM	63.64	0.00
	TICKET COUNTER	15.51	0.00
SECOND FLOOR	PICKLE BALL	541.24	183.54
	PRESENTATION ROOM	48.13	258.67
	SPILL-OVER TERRACE	0.00	68.80
THIRD FLOOR	BADMINTON	712.54	214.66
	SQUASH	350.48	0.00
	TICKET COUNTER	15.51	0.00
FOURTH FLOOR	RESTAURANT	156.23	221.84
	SQUASH	350.48	0.00
	STORE	18.06	0.00
FIFTH FLOOR	MAINTENANCE ROOM	99.59	0.00
	MAINTENANCE YARD	75.65	0.00
<b>TOTAL AREA (SQ.M.)</b>		<b>5,728.79</b>	<b>1,480.93</b>

CARPET AREA SUMMARY- ZONE 03(AQUATIC CENTRE)			
FLOOR	USE TYPE	CARPET AREA (SQ.M.)	TERRACE AREA (SQ.M.)
GROUND FLOOR	SWIMMING POOL	1,711.92	306.88
	TICKETING	7.65	0.00
	ADMIN	47.39	0.00
	HOLDING AREA	45.75	0.00
	LOCKER ROOM	13.75	0.00
	LOUNGE & RECEPTION	59.53	0.00
FIRST FLOOR	SEATING	311.92	0.00
	COMMON AREA	103.92	0.00
	LOCKER ROOM	70.17	0.00
	LOUNGE / WAITING AREA	35.28	0.00
<b>TOTAL AREA (SQ.M.)</b>		<b>2,407.28</b>	<b>306.88</b>





SPORTS & TRAINING FACILITY WITH ROOFTOP SOLAR PANELS, INTERCONNECTED CIRCULAR STAIRCASE, OPEN TO SKY INFORMAL SEATING, ETC AS SEEN FROM THE TOP





CAFÉ, ROOFTOP INFORMAL SEATING, INTERCONNECTED STAIRCASES & AQUATIC CENTRE SEEN FROM THE STANDS





ENTRANCE FOYER, CURVED TERRACE ELEMENTS, WATERBODY & OTHER AMENITIES

ENTRANCE FOYER OF SPORTS FACILITY





CENTRAL LANDSCAPE, WATERBODY & A CUTOUT FROM TERRACE ELEMENTS

VIEW FROM WATERBODY





LANDSCAPE STEPPED SEATING, ROOFTOP RESTAURANTS AND CAFES, YOGA DECK & OTHER AMENITIES SEEN FROM THE STADIUM

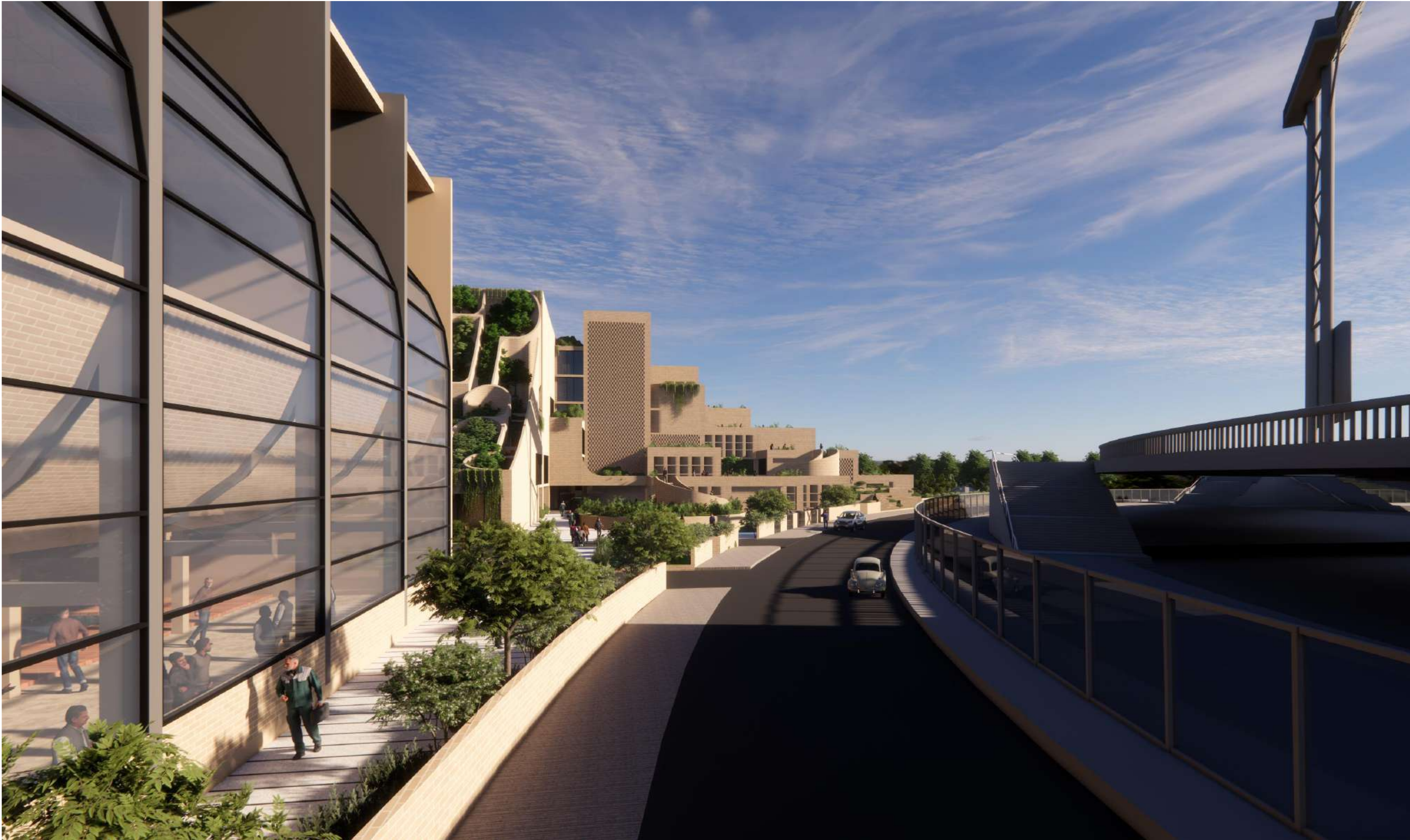
VIEW FROM THE STADIUM





CAFÉ, ROOFTOP INFORMAL SEATING, INTERCONNECTED STAIRCASES, TERRACE FARMING, CENTRAL COURTYARD, YOGA DECK, ETC.





AQUATIC CENTRE CURVED GLASS FAÇADE ALONG WITH THE SPORTS FACILITY SEEN FROM THE INTERNAL ROAD





TRIPLE HEIGHT, SKY LIGHT, WELL VENTILATED BADMINTON COURT





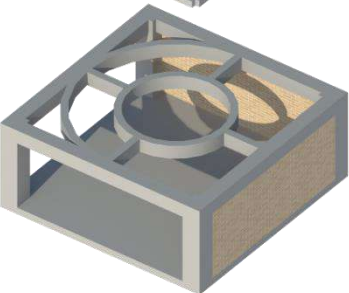
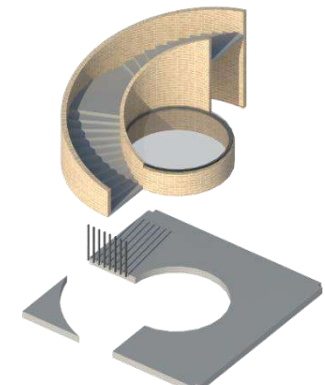
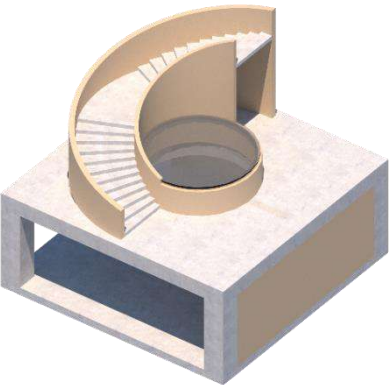
CENTRAL SKYLIGHT, WELL VENTILATED GYM ALONG WITH YOGA DECK



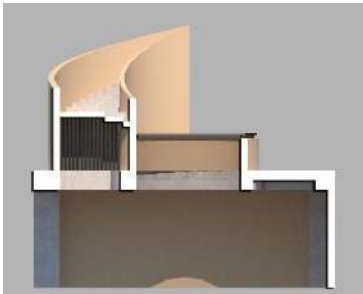




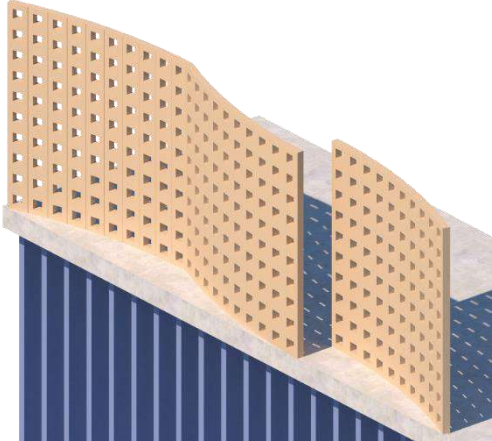
TERRACE STAIRCASES



Curving staircases form an integral part of the design serving multiple purposes. The structural system of slab supporting the staircase provides for skylight in the center of 8.5 x 8.5 m column grid. The void created adjoining the skylight houses louvered exhaust system to cross ventilate the room.

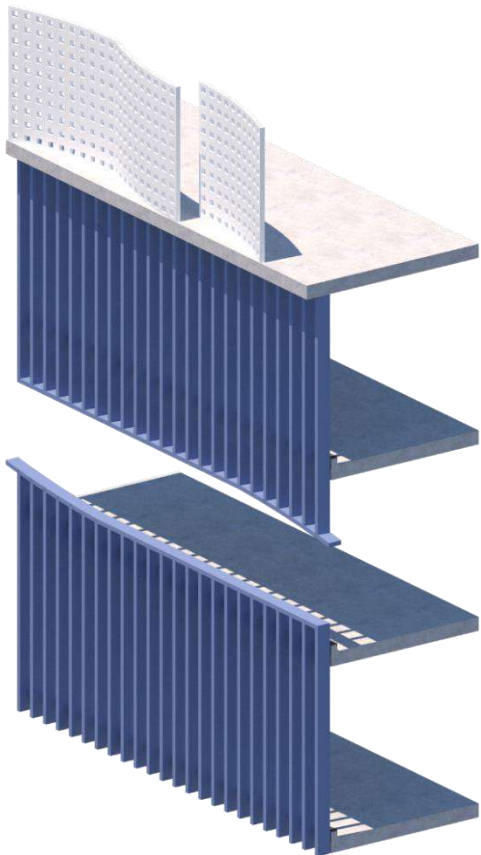


PARKING FACADE



Stabilized compressed earth blocks cast on site using excavated earth - stacked as non structural walls with steel bars to align them in place

PARKING FINIS



Precast light weight concrete panels (300mm wide x 100 mm thk.) Fastened on slab bund

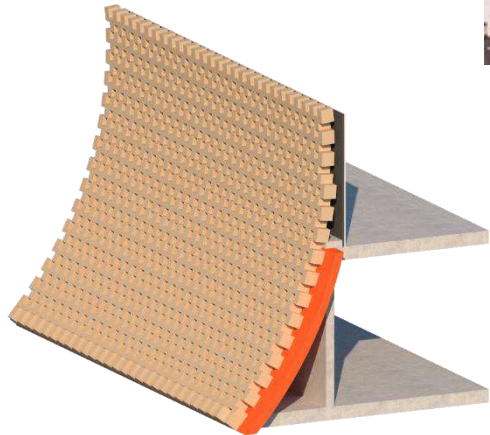
TERRACE STAIRCASE & PARKING FACADE



WALLING SYSTEMS - EAST & WEST FACADES

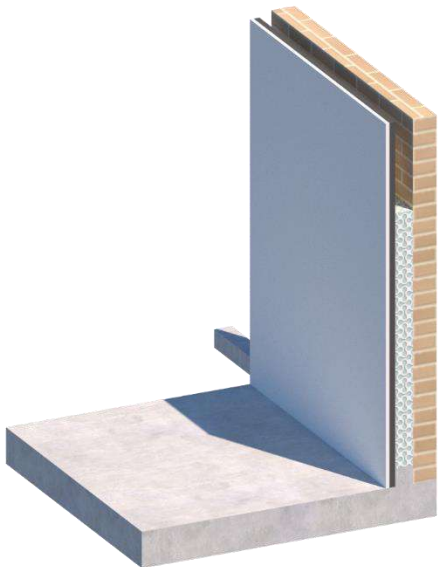
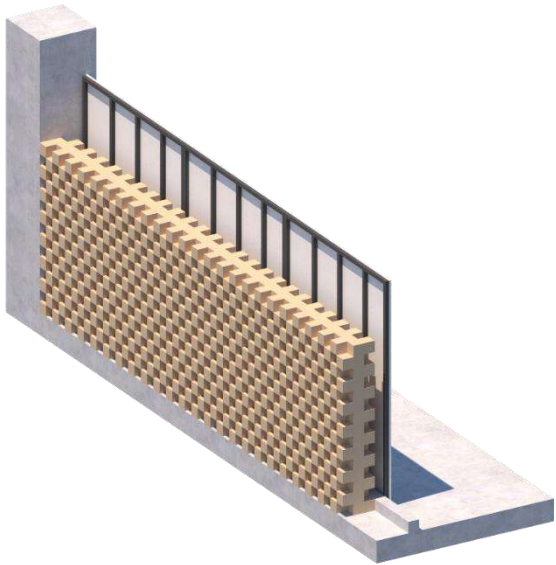


HOTEL FRONT WALL

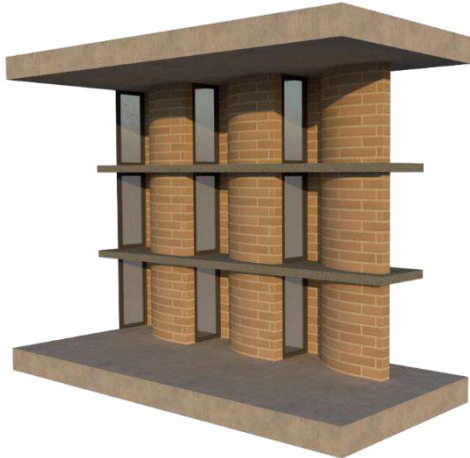


East and west facades of clubhouse/ sports facility incorporate curved SCEB walls with stacked precast lintels supporting the window frames and creating storage & seating space in the interiors. The sports facilities need continuous ventilation and hence need to open to the south western face to maintain air flow. Recessed windows on these walls cut direct light and heating while maintaining cross ventilation

Stabilized compressed earth blocks clad over ferrocrete surface (curved) in front facade of hotel building



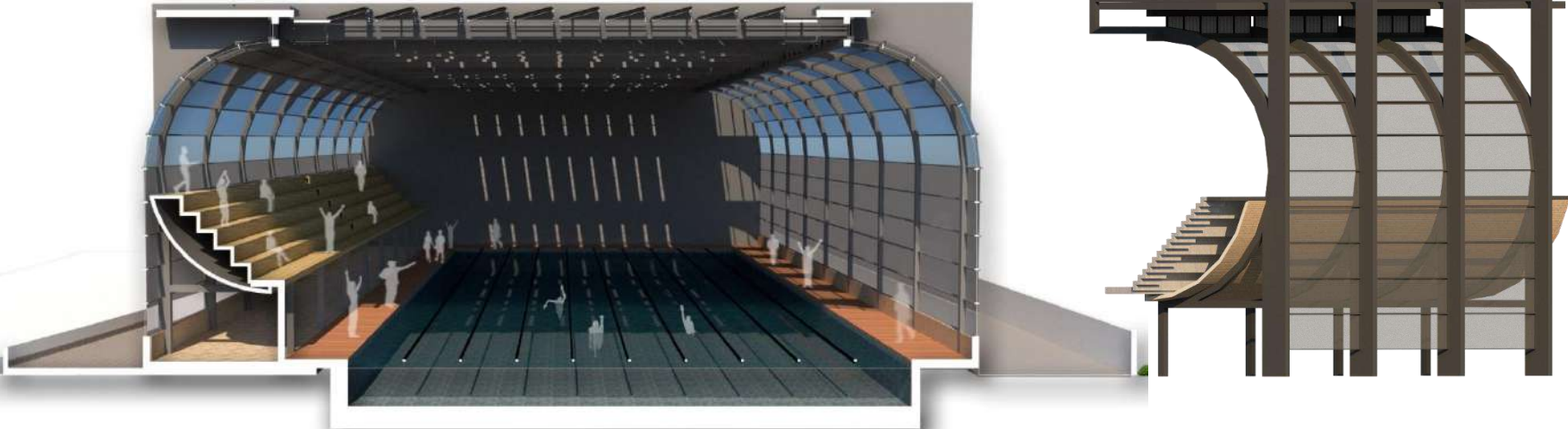
EAST- WEST WALLS  
EXTERNAL FACE



EAST- WEST WALLS  
INTERNAL FACE

All walls on eastern and western facades are designed as cavity walls with dry wall panels on the inner face and SCEB cladding on the exterior face. Insulation filler is proposed between the two layers to minimize heat gain and facilitate passive cooling of the rooms.

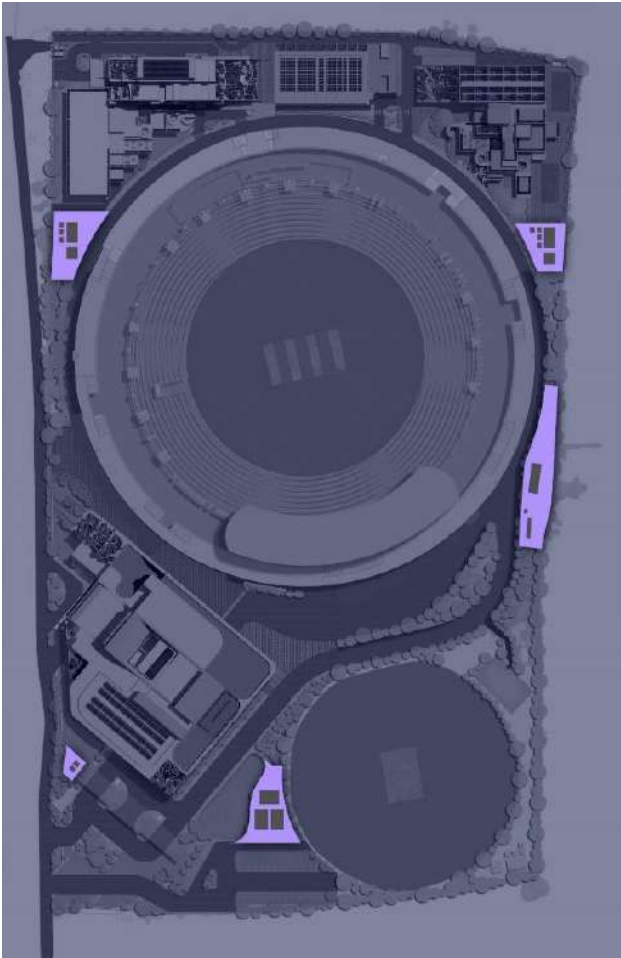




Steel frame supports the roof and the eating deck . the seating soffit is layered with paneled false ceiling to enable provision for services

AQUATIC CENTRE- FRAME

SERVICES LAYOUT  
LAND ALLOCATION FOR BUILDING SERVICES



TERRACE GARDENS

Terrace gardens proposed on eastern and western terraces for club house and hotel facility are designed to incorporate sunk at lintel level to facilitate landscaping.

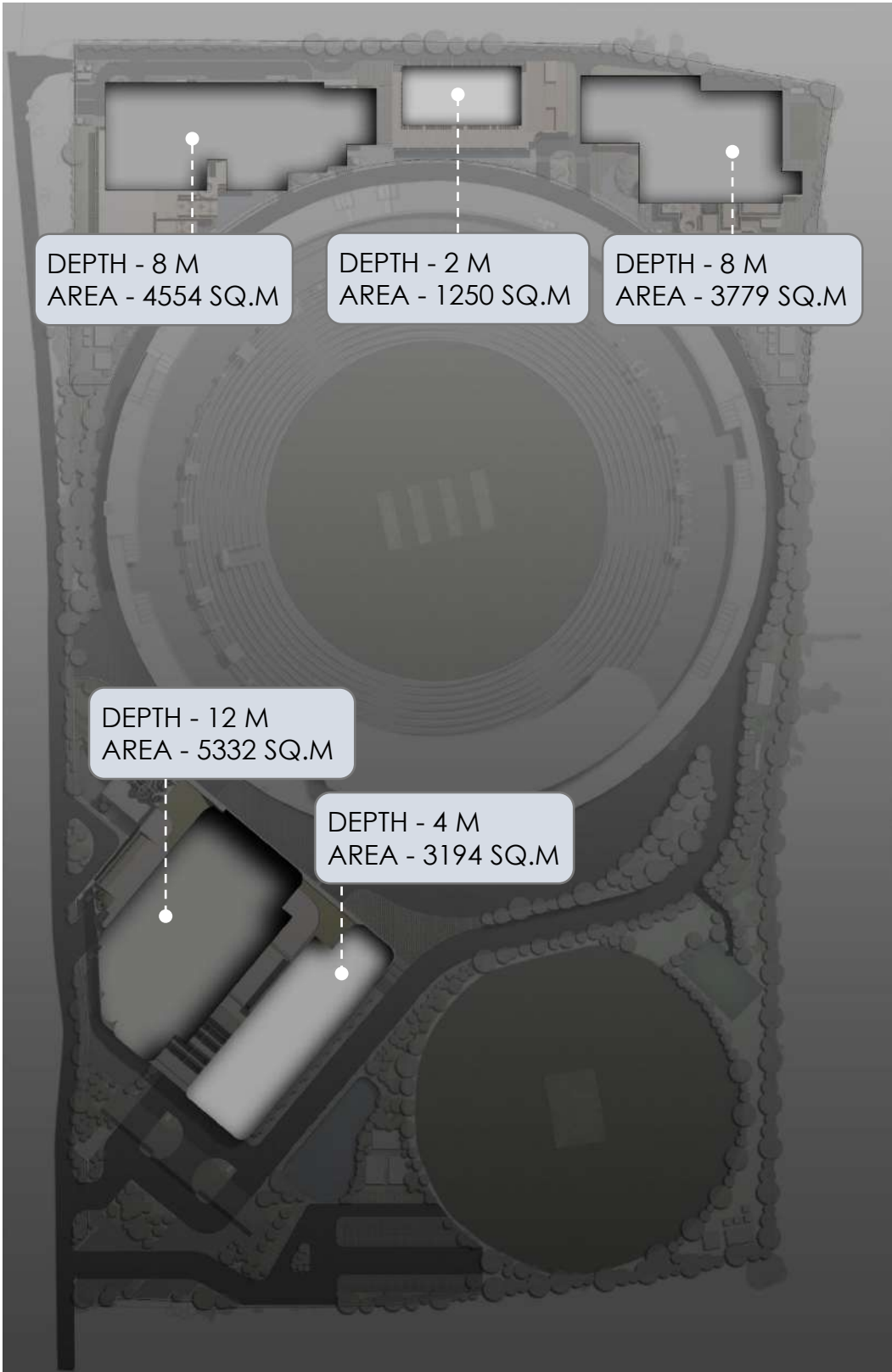




# SUSTAINABILITY

CONSTRUCTION | SERVICES | LANDSCAPE



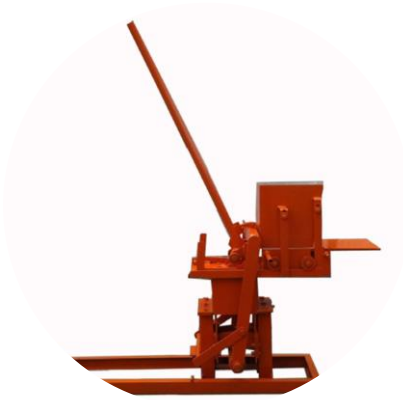


**MITIGATING CUT-FILL**

The excavated earth is proposed to be utilized to manufacture compacted earth blocks on site, to be used for all facades across the campus for non structural walls & cladding on the external surfaces.



**EARTH EXCAVATION**



**MANUFACTURING SCEB BLOCK ON SITE**



**PERFORATED SCEB BLOCKS**



**SCEB FACADES**

Earth blocks as cladding material will enhance the passive cooling within the built mass, further reducing the energy requirements of the facility.

Apart from optimizing the natural resource, the effort can go a long way in bringing awareness about the urgency to address environmental issues and pursue sustainability.



EXCAVATION QUANTITY= 1,45,424 CU.M.  
EARTY BRICK QUANTITY FROM EXCAVATED SOIL= 93,670 CU.M.  
TOTAL CLADDING/FACADE AREA= 27,654 SQ.M.  
TOTAL QUANTITY OF BRICKS REQUIRED FOR CLADDING/ FACADE = 5,530.81 CU.M.





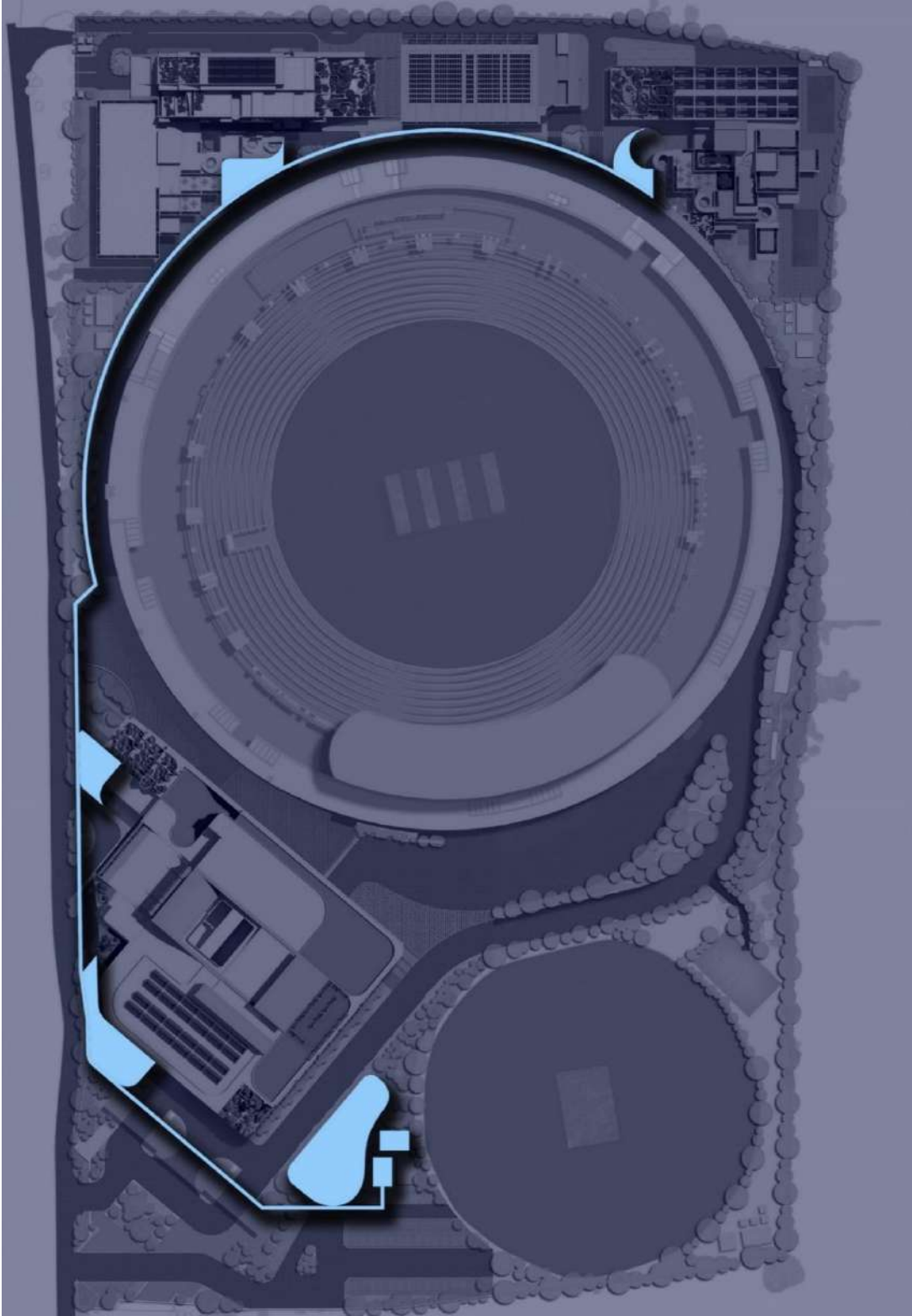
ADDRESSING THE POWER REQUIREMENTS

A stadium can consume around 620,000 kwh in a year. Proposed design optimizes the terraced areas to enable provision of pv farms on the terraces. On non-match days, the “in-grid” power generation can further reduce the operational costs of the facility.



SWALES FOR GROUND WATER RECHARGING

Swales are proposed on the western edge of the site, retaining the existing topography. These areas lined with productive tree plantation will increase the rain water harvesting potential of the site and facilitate ground water recharge.



RAINWATER HARVESTING

Maintenance of cricket pitches typically requires around 20,000.00 liters of water per day to maintain pitches & outfield. The proposed rain water harvesting can address at least 25% of this requirement reducing the impact of the stadium operations.





SECTION THROUGH THE WIND CATCHERS/COOLING TOWERS

Heating of the parking structure reaches critical point at peak hour increasing reliance on mechanical measures to manage the micro climate. The basements are particularly susceptible to the heating. Wind catchers, connected to the water body above the under ground tank can act as cooling towers, reducing the basement temperatures while inducing fresh air flow to the basements.



BREATHING FACADES

Perforated compressed earth blocks provide a breathing facade to the parking structure, cutting the heat and simultaneously ventilating the areas.



COURTYARD PLANNING

All buildings including the parking structure are designed around central courtyards strategically located to facilitate cross ventilation of surrounding spaces.

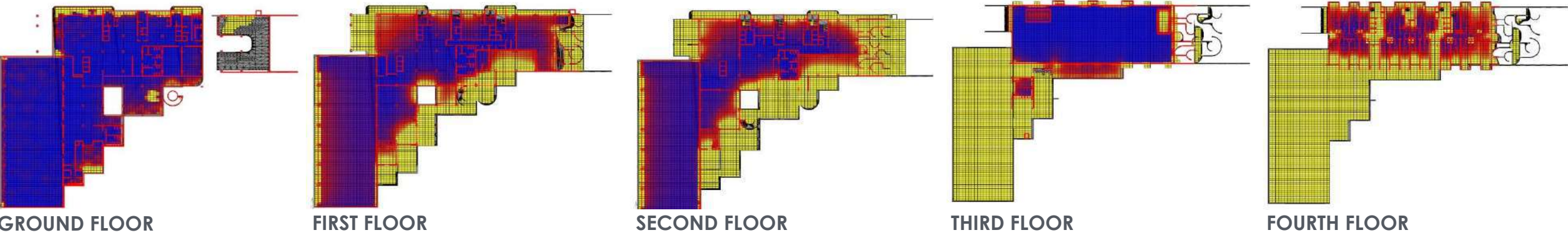


GREEN TERRACES

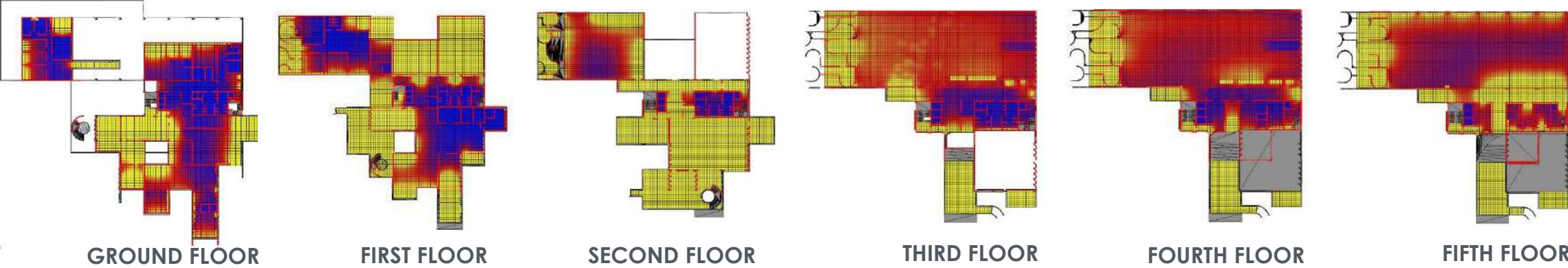
By increasing the terrace cover of the building, substantial addition is made to the green cover. Garden terraces at multiple levels in all proposed buildings will ensure reduced heating of the covered spaces. By increasing the terrace area, most rooms ensure hot air cross ventilation further cooling the rooms.



DAYLIGHT ANALYSIS -ZONE 02, 21st MARCH, 12PM



DAYLIGHT ANALYSIS - ZONE 03, 21st MARCH, 12PM





# CODE COMPLIANCE

AREA STATEMENTS | SETBACKS | SERVICES





**PARKING FACILITY (ZONE 01)**

BUILDING HEIGHT (FOR MARGINS): 24.4 M  
FRONT SETBACK: 9.0 M  
REAR MARGINS: 12.0 M  
TOTAL HEIGHT ABOVE GROUND: 28.0 M



**FIRE SAFETY: 30.0 M RADIUS FROM SERVICE CORES**

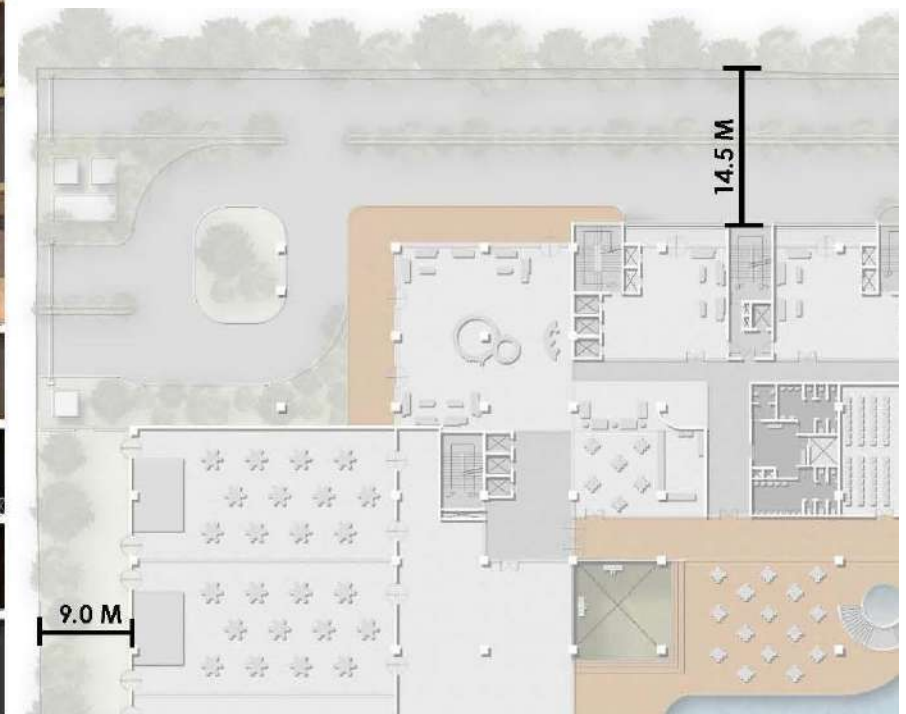


**SETBACKS: 26.0 M BUILDING HEIGHT**





**FIRE SAFETY: 30.0 M RADIUS FROM SERVICE CORES**



**SETBACKS: 45.0 M BUILDING HEIGHT**

### HOTEL FACILITY (ZONE 02)

BUILDING HEIGHT (FOR MARGINS): 41.4 M  
FRONT SETBACK: 9.0 M  
REAR MARGINS: 12.0 M  
TOTAL HEIGHT ABOVE GROUND: 45.0 M





**CLUBHOUSE AND SPORTS FACILITY (ZONE 03)**

BUILDING HEIGHT (FOR MARGINS): 21.6 M  
FRONT SETBACK: NA  
REAR MARGINS: 6.0 M  
TOTAL HEIGHT ABOVE GROUND: 25.2 M



**FIRE SAFETY: 30.0 M RADIUS FROM SERVICE CORES**



**SETBACKS: 26.0 M BUILDING HEIGHT**



CONSTRUCTION AREA - ZONE 01(PARKING)	
FLOOR NO	CONSTRUCTION AREA (SQ.M.)
BASEMENT 2	5,288.61
BASEMENT 1	4,910.86
LOWER GROUND	8,107.08
UPPER GROUND	8,150.30
PLAZA LEVEL	7,804.67
P1 FLOOR	8,496.22
P2 FLOOR	10,913.64
P3 FLOOR	10,802.44
P4 FLOOR	10,451.63
ROOF SLAB	8,209.83
<b>TOTAL CONSTRUCTION AREA (SQ.M.)</b>	<b>83,135.28</b>

CONSTRUCTION AREA - ZONE 02(HOTEL)			
FLOOR NO	CONSTRUCTION AREA (SQ.M.)	COVERED AREA (SQ.M.)	OPEN AREA (SQ.M.)
LOWER BASEMENT	4,428.82	0.00	0.00
UPPER BASEMENT	4,428.82	0.00	0.00
GROUND FLOOR	4,596.37	4,031.02	565.35
1ST FLOOR	2,939.43	2,084.67	854.76
2ND FLOOR	2,632.31	1,989.90	642.41
3RD FLOOR	3,995.68	1,373.64	2,622.04
4TH FLOOR	1,740.24	1,740.24	0.00
5TH FLOOR	1,769.71	1,470.56	299.15
6TH FLOOR	1,540.63	1,176.38	364.25
7TH FLOOR	1,544.35	1,368.37	175.98
8TH FLOOR	1,421.41	1,239.37	182.04
9TH FLOOR	1,292.72	737.56	555.16
10TH FLOOR	760.31	462.79	297.52
TERRACE	464.68	0.00	464.68
<b>TOTAL CONSTRUCTION AREA (SQ.M.)</b>	<b>33,555.48</b>	<b>17,674.50</b>	<b>7,023.34</b>

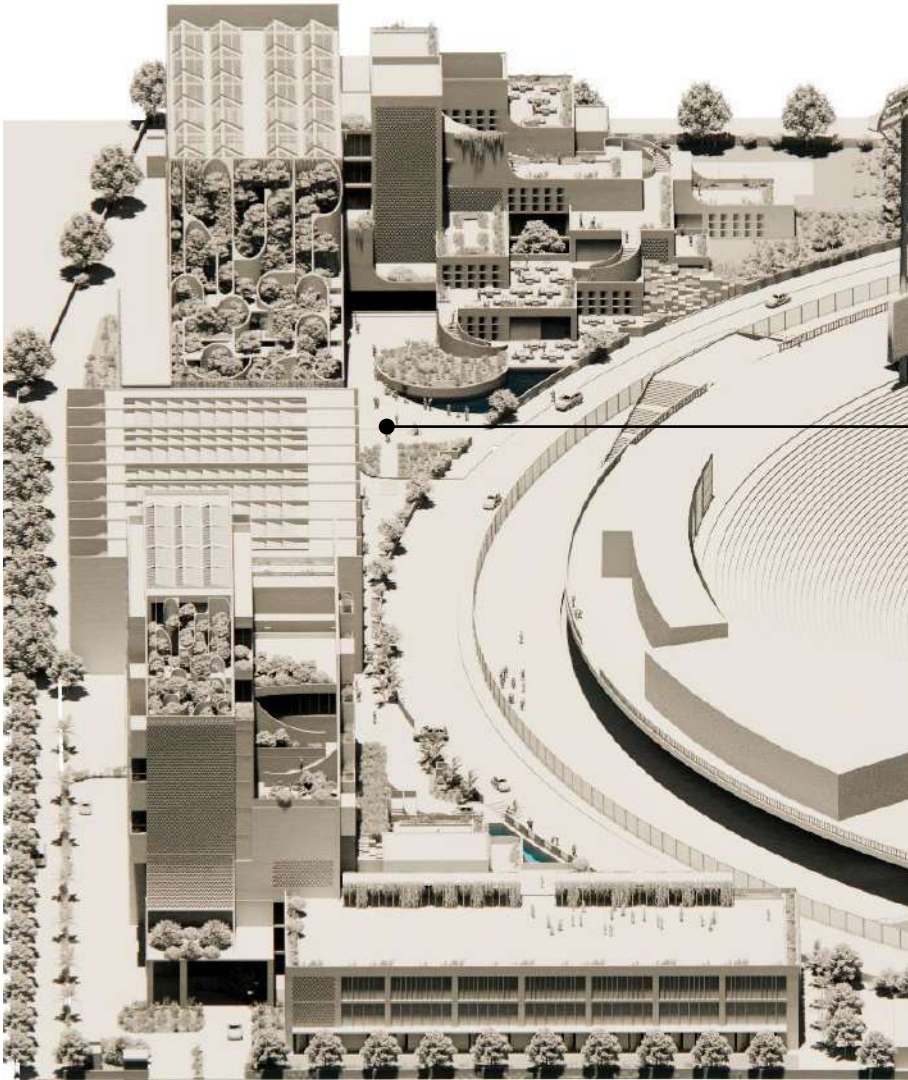
CONSTRUCTION AREA - ZONE 03(SPORTS COMPLEX )			
FLOOR NO	CONSTRUCTION AREA (SQ.M.)	COVERED AREA (SQ.M.)	OPEN AREA (SQ.M.)
BASEMENT 2	3,756.35	0.00	0.00
BASEMENT 1	3,755.06	0.00	0.00
GROUND FLOOR	3,046.51	2,993.36	53.15
1ST FLOOR	3,324.81	2,548.06	776.75
2ND FLOOR	2,194.51	1,467.19	727.32
3RD FLOOR	1,742.74	1,521.74	221.00
4TH FLOOR	727.27	464.27	263.00
5TH FLOOR	456.03	456.03	0.00
TERRACE FLOOR	615.86	0.00	615.86
ROOF SLAB	112.66	0.00	112.66
<b>TOTAL CONSTRUCTION AREA (SQ.M.)</b>	<b>19,731.80</b>	<b>9,450.65</b>	<b>2,769.74</b>

CONSTRUCTION AREA - ZONE 03(AQUATIC CENTRE )			
FLOOR NO	CONSTRUCTION AREA (SQ.M.)	COVERED AREA (SQ.M.)	OPEN AREA (SQ.M.)
GROUND FLOOR	2,567.48	2,503.26	64.22
1ST FLOOR	854.44	742.24	112.20
<b>TOTAL CONSTRUCTION AREA (SQ.M.)</b>	<b>3,421.92</b>	<b>3,245.50</b>	<b>176.42</b>



# SUMMARY



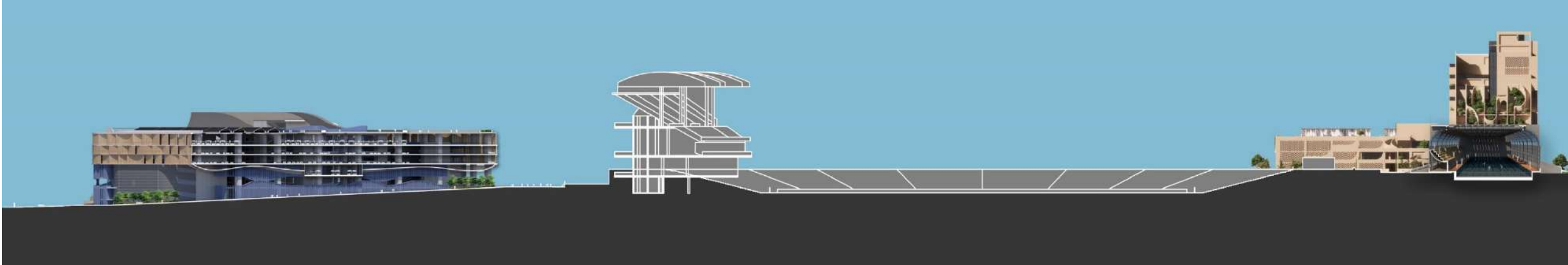
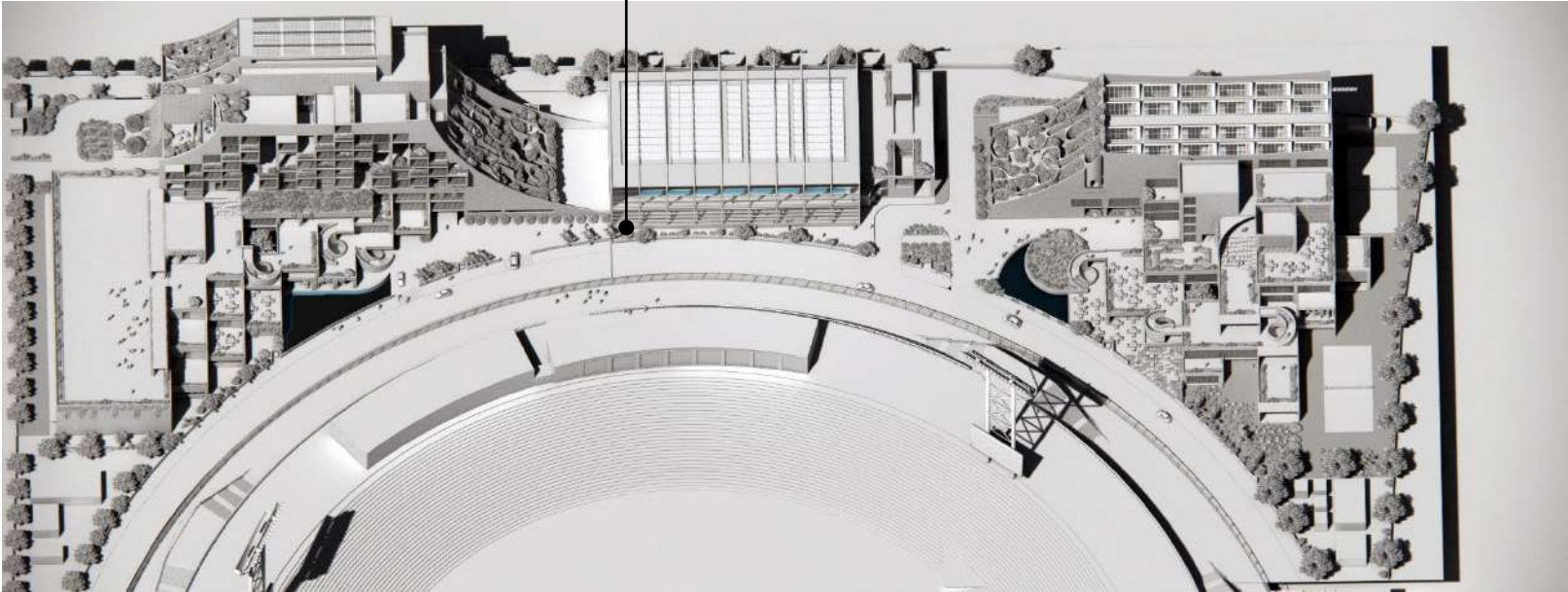


CONNECTIVITY

The functions / uses identified for the parking, the clubhouse/ sports training facility & the hotel/accommodation facility, while necessarily self sustaining, need to have clearly planned interconnections for their spatial optimization. The design attempts to arrange the uses in an ‘orient-ably’ connected campus of facilities which can be interpreted as a single entity as per current and future emerging requirements.



PEDESTRIAN CONNECTIVITY  
ACROSS THE USES



ADDRESSING SITE TOPOGRAPHY

The zoning considers steep slopes to the south and accordingly the parking structure (zone 01) is proposed in the south-west corner creating multiple parking levels accessible from mid-level (plaza level) thus minimizing driving effort and reducing cut-and-fill. Hotel and clubhouse facilities (zone 02 and zone 03) are proposed on the level grounds in the north.

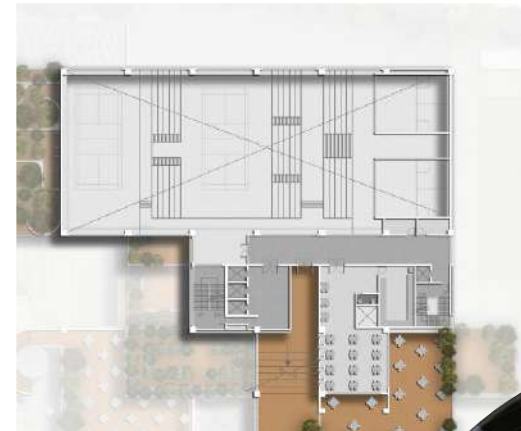
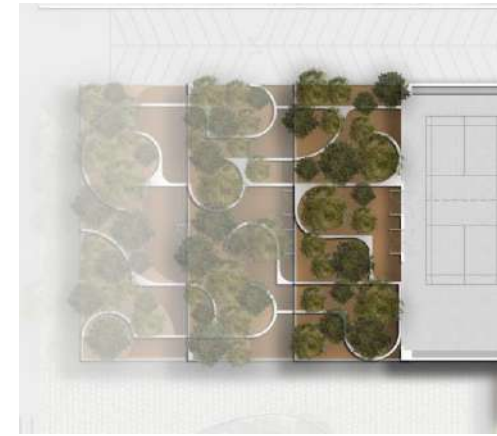




Common terraces and amenity spaces carved out of the hotel block to create dynamic spaces overlooking the stadium



East and west side terrace gardens providing shaded semi-covered spaces and passive cooling



TERRACE CAFE AND RESTAURANTS WITH VIEWS OF THE STADIUM



Triple-height badminton and squash courts accessible at multiple levels to ensure adaptable and ventilated spaces

## OPEN SPACES & COOLING STRATEGIES

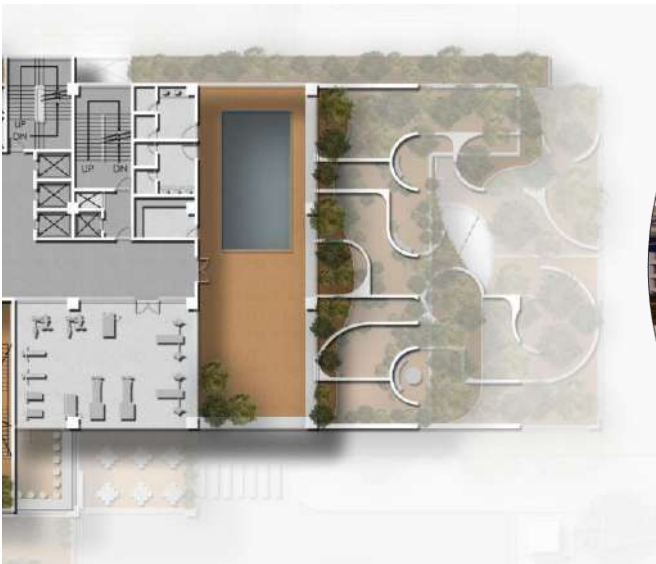




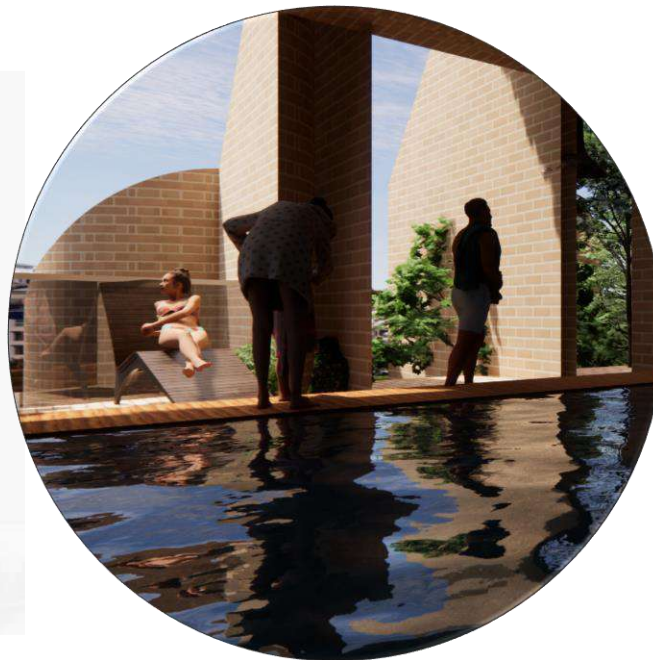
Rainwater harvesting catchment tank added as a water feature to plaza areas of hotel, clubhouse and parking in the southern direction letting in cooled breeze from south west



Amenity terraces for the visiting teams which can facilitate group discussions and team bonding activities.



Semi-covered swimming pools overlooking the stadium on one side and getting privacy of green cover on east and west side



Dynamic facade of parking structure with projection screens on ceilings, welcoming the v.I.P. Visitors





FRAMING THE TOPOGRAPHY



FRAMING THE STADIUM

The built-form of the buildings makes a deliberate attempt to create a single holistic image of the entire stadium precinct. The variety in the uses and typologies proposed can disintegrate in the presence of a dominant structure of the stadium. Instead of attempting to create an iconic image to play off against the stadium, design attempts to complement the gigantic structure in its proximity.





### CONTRIBUTING TO LOCAL CONTEXT

Any public building, to compensate for the impact it has on the local community, should attempt to contribute back to the public needs and causes. The design, while catering to the functional requirements of the design brief, proposes to carve out a 'public space' within the stadium campus, as a gesture to make the facility inviting and accommodating to the local needs. Space is planned to incorporate public transport with a provision for connectivity to future public transport modes like metro connectivity. The public park and the parking structure terraces are designed for operability as a public space on non-match days, while facilitating a controlled entry point for pedestrian traffic on match-days.



### CONTRIBUTING TO LOCAL CONTEXT







