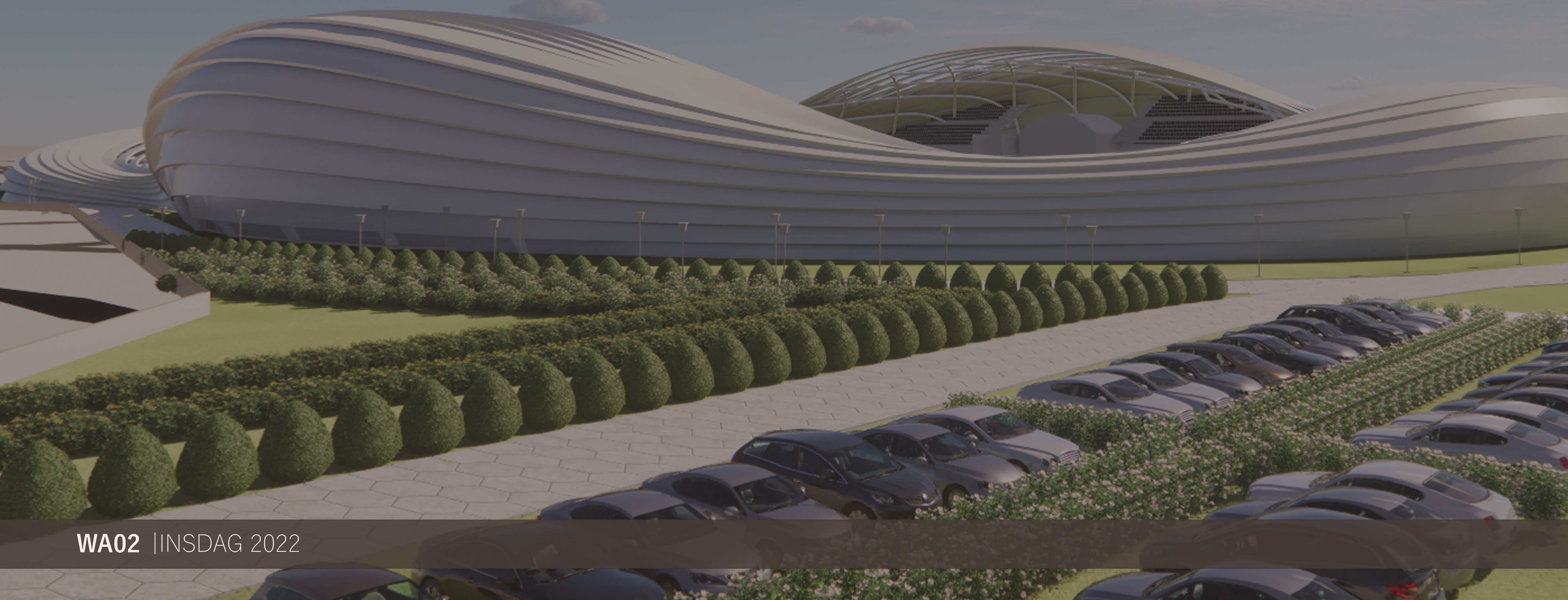
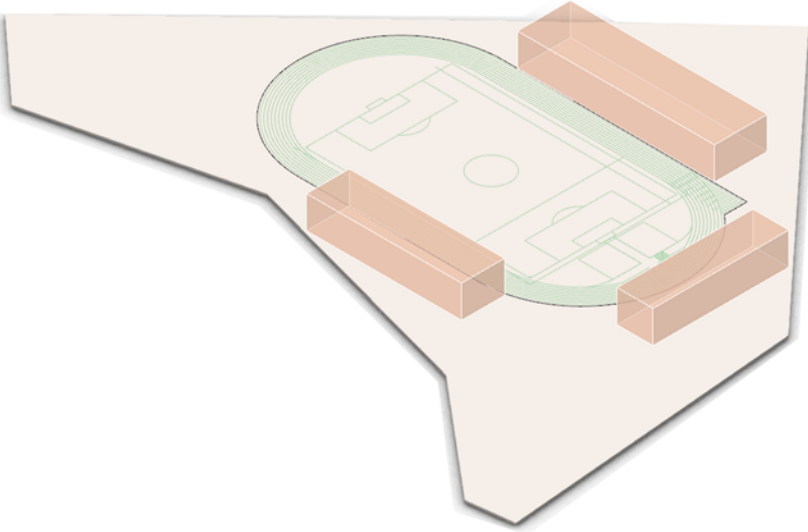


WAVERING ARENA

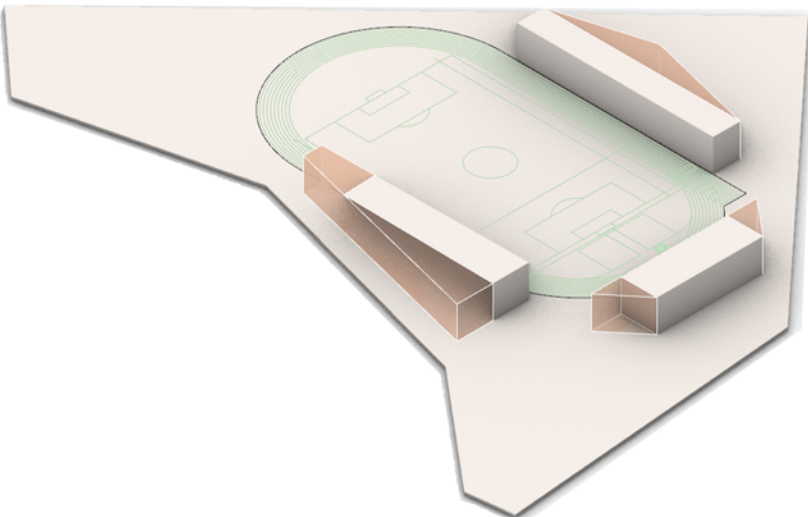
KIRIBURU MULTIEVENT STADIUM, JHARKHAND



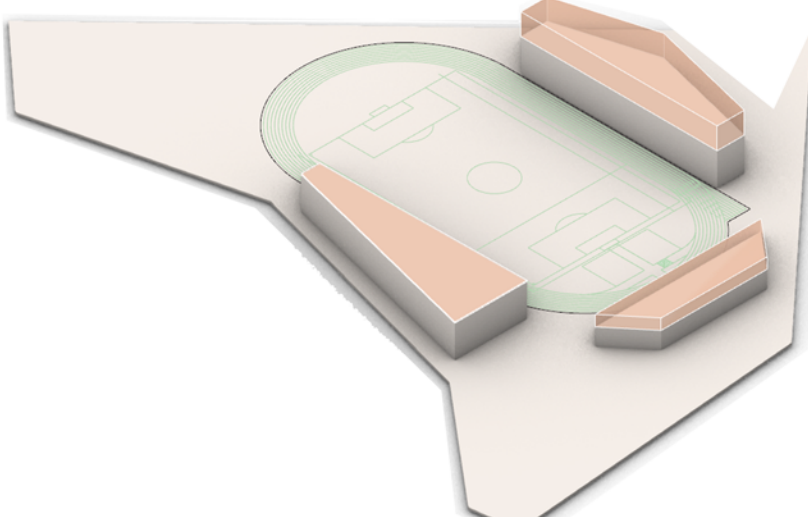
CONCEPT DEVELOPEMENT



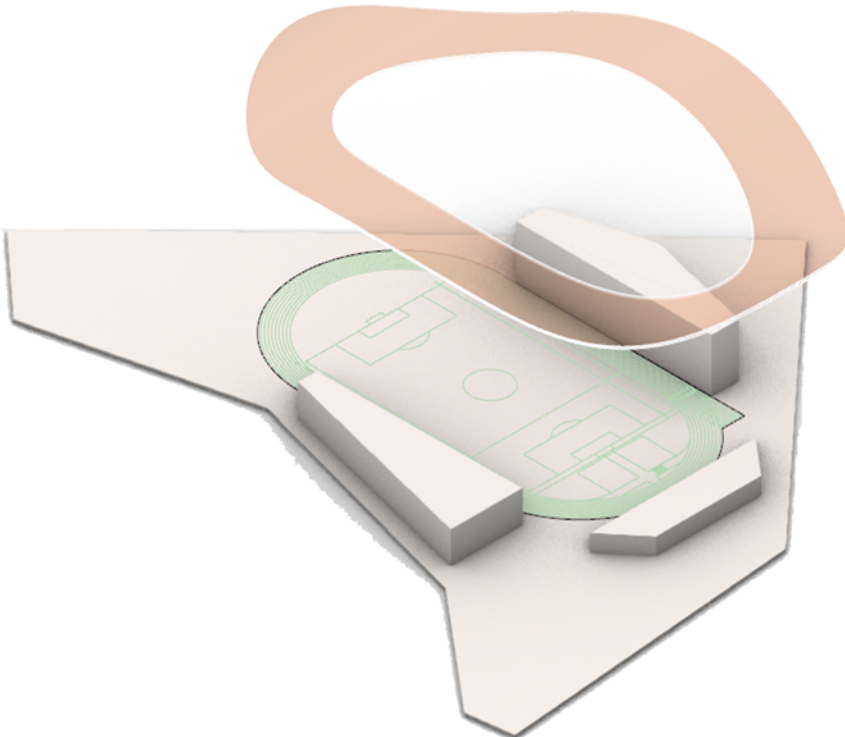
PLACEMENT OF BLOCKS



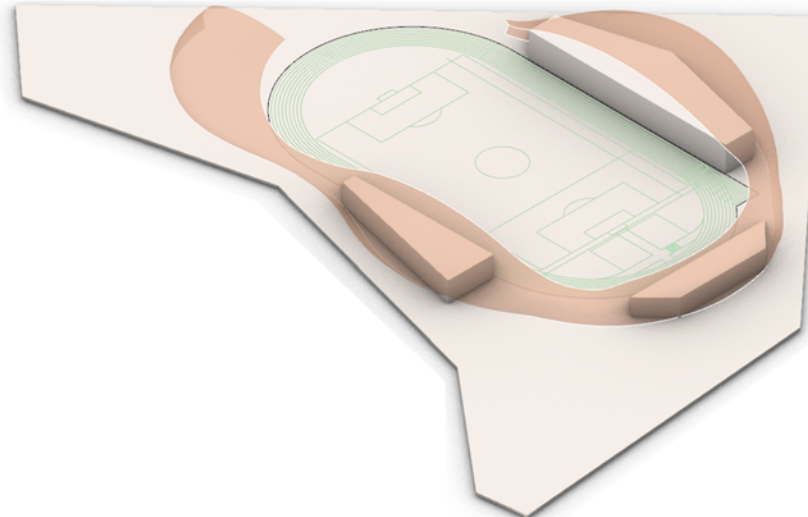
CHANGE OF SHAPE RESPONDING TO THE SITE



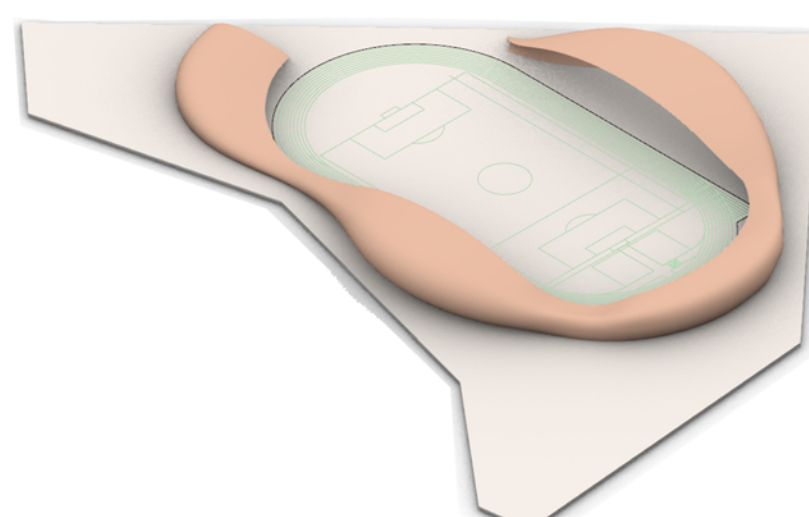
CHANGE OF VOLUME AS PER CAPACITY



INTRODUCING STRIP AS CONNECTING ELEMENT



MODIFYING STRIP ACCORDING TO THE SHAPE OF STRUCTURE



MODIFYING STRIP ACCORDING TO THE SHAPE OF STRUCTURE

ROADWAYS

LANDSCAPE

ENTRY POINTS

STRUCTURES

SITE ZONING

ROADWAYS

COLUMN SPLITS INTO TWO BIFURCATING BEAMS

COLUMN THICKENS AT THE BASE

THE COLUMN AND BEAMS TOGETHER MAKE A NETWORK OF STRUCTURAL GRID

ARCH SHAPED STRUCTURAL MEMBER PROVIDE SUPPORT TO THE MAIN GRID

FOUNDATION ARE TIED TO COUNTERWEIGH THE ARCH

STRUCTURAL SYSTEM DEVELOPEMENT

LOCATED AT THE CENTER OF A CLUSTERED SETTLEMENT OF KIRIBURU, A FAMOUS HILL STATION SITUATED AT A HEIGHT OF 4,300FT FROM MAIN SEA LEVEL IN THE CORE AREA OF SARANDA FOREST. AN ALREADY EXISTING FOOTBALL GROUND REVAMPED TO CREATE A MULTISPORT STADIUM ON A PLOT OF 10.6 ACRES. DESIGNED TO BE UNLIKE ANY STADIUM ANYWHERE,.IN AN RURAL FABRIC, ENDOWED WITH RICH FLORA AND FAUNA, AN ENORMOUS STANDING STADIUM MARKS ITS PRESENCE WITH ITS EXTERIOR PROFILE THAT REFLECTS THE MOUNTAIN RIDGE OF THE SURROUNDING LANDSCAPE.



MASTERPLAN

SITE - KIRIBURU, JHARKHAND
AREA - 10.62 ACRE
CLIMATE - COMPOSITE CLIMATE





SOLAR PANEL



ETFE ROOF



STRUCTURAL SYSTEM

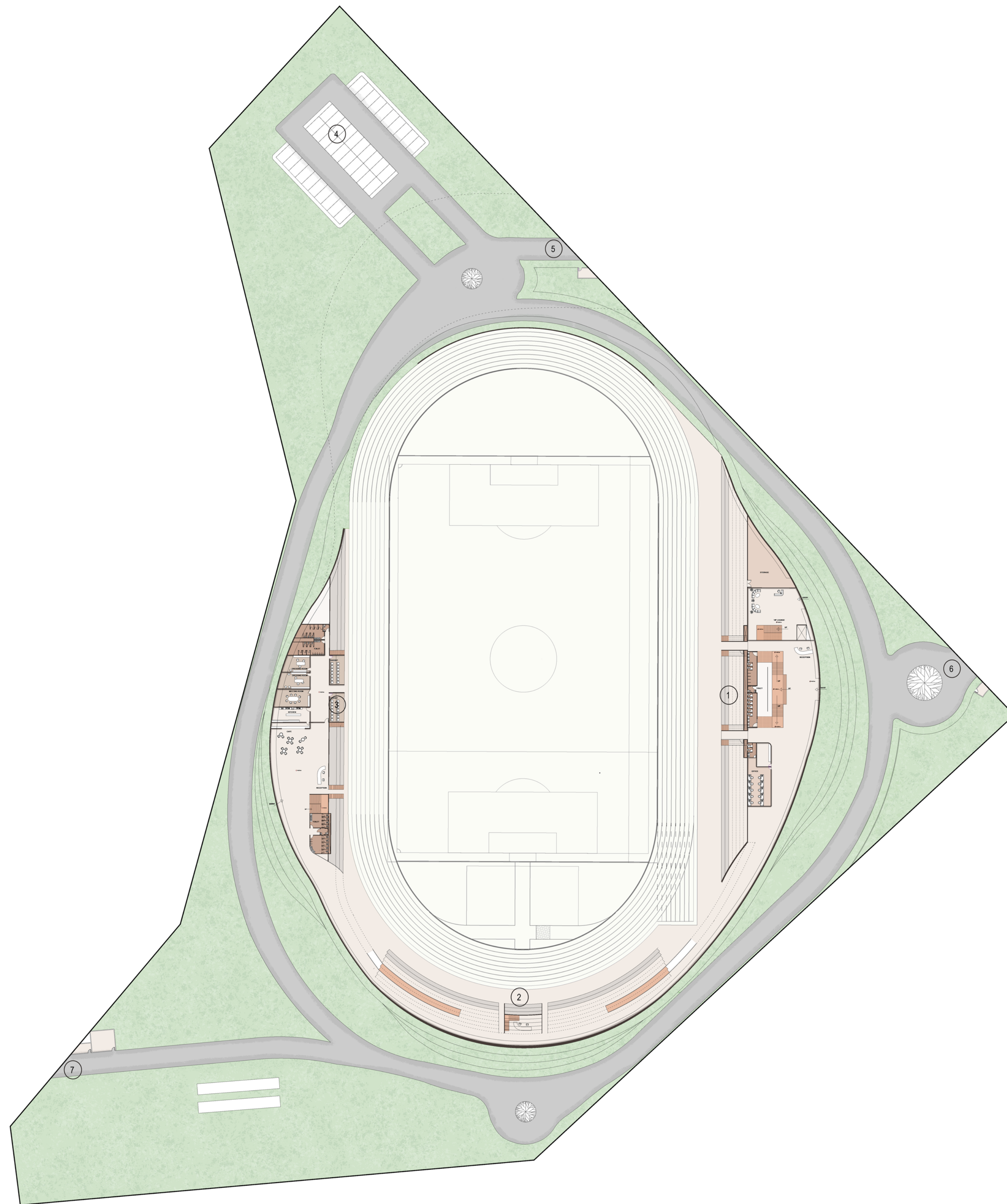


FIRST FLOOR

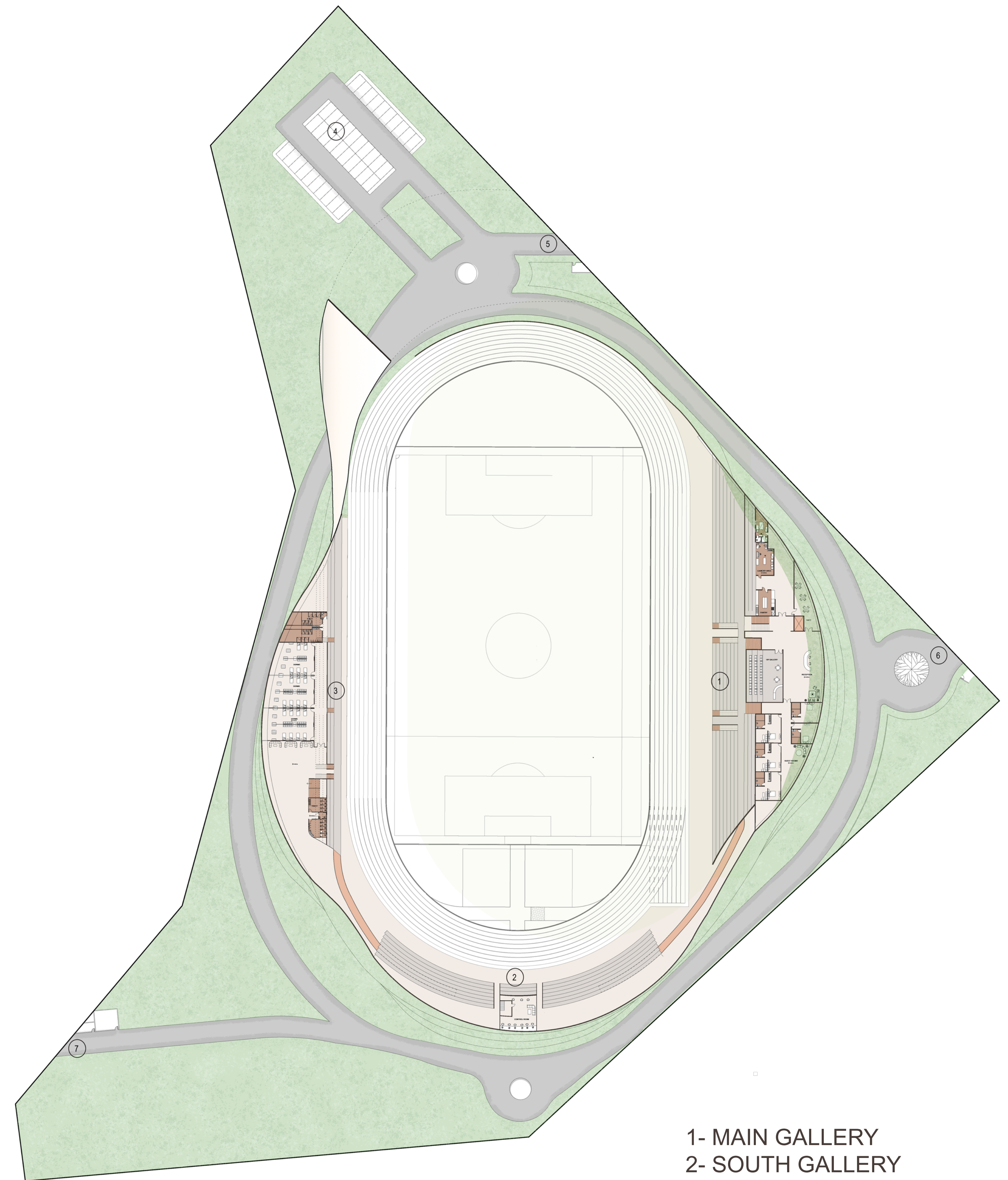


GROUND FLOOR





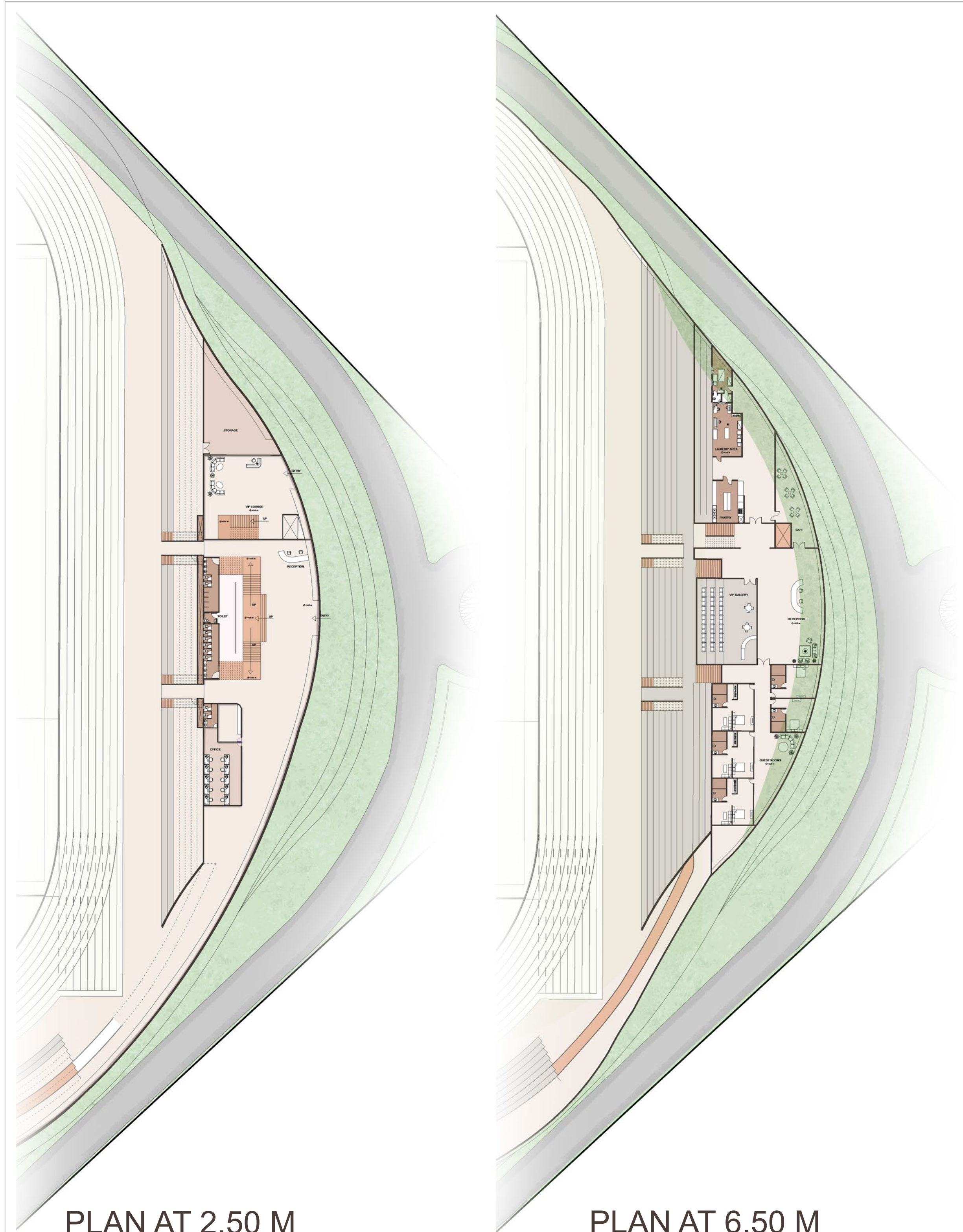
PLAN AT 2.50 M



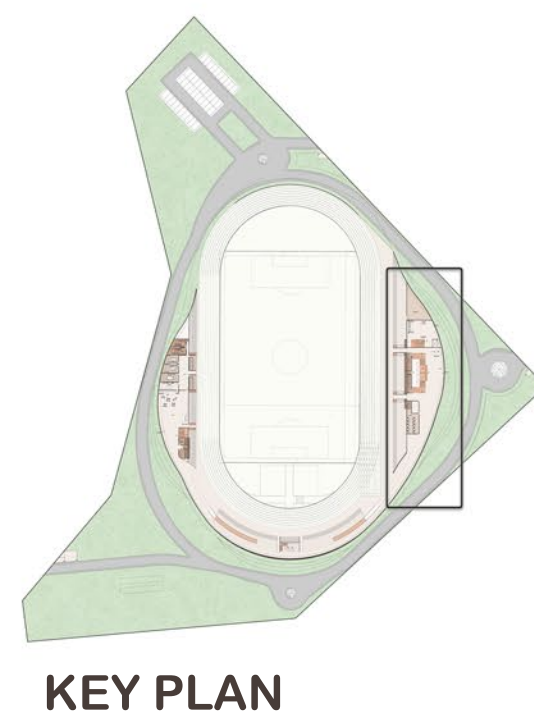
PLAN AT 6.50 M

- 1- MAIN GALLERY
- 2- SOUTH GALLERY
- 3- HOSTEL CUM GALLERY
- 4- PARKING
- 5- NORTH ENTRY
- 6- EAST ENTRY
- 7- WEST ENTRY

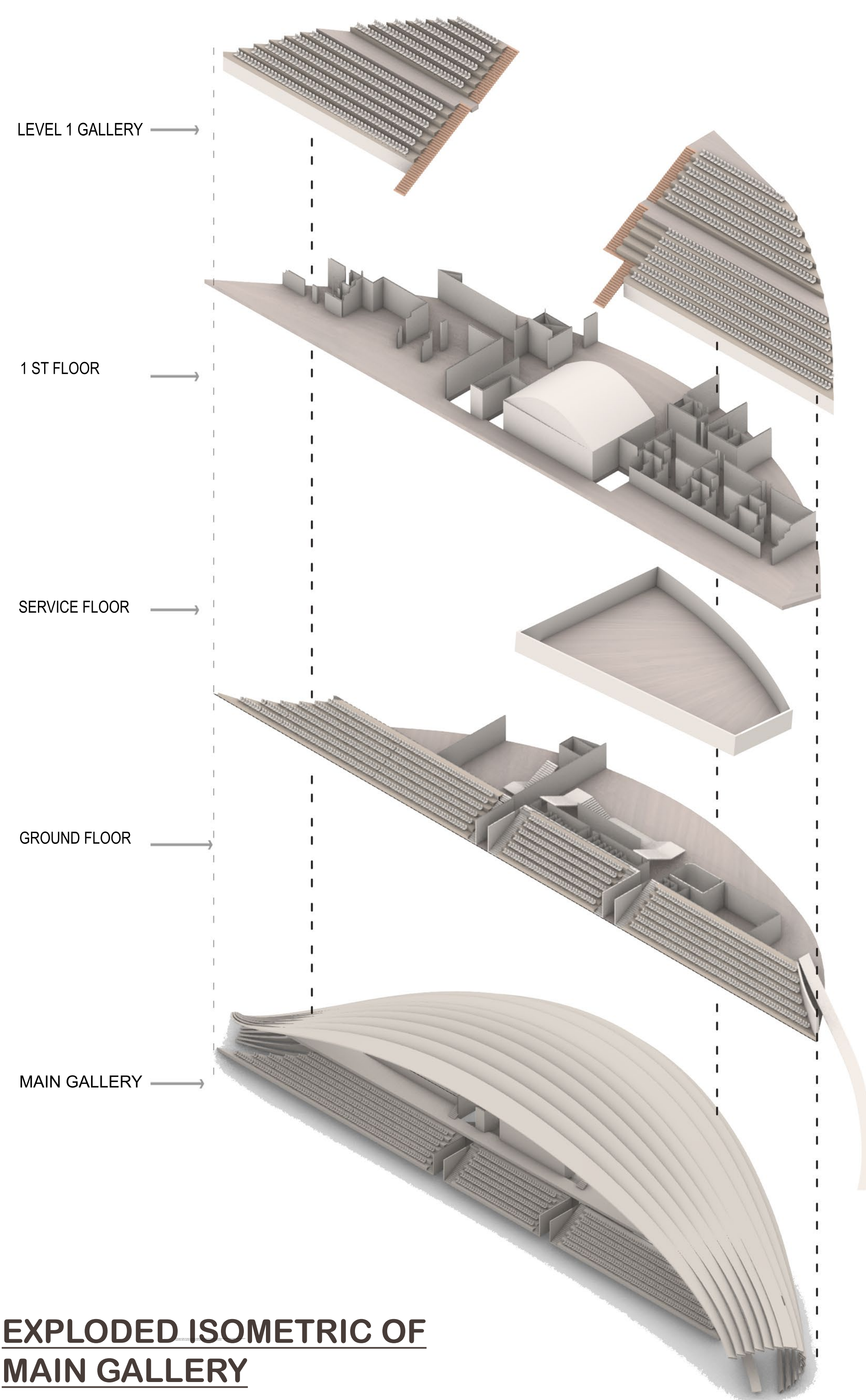




- PUBLIC SPACES
- CIRCULATION
- SERVICES
- GALLERY
- ROADWAYS
- LANDSCAPE



MAIN GALLERY



EXPLODED ISOMETRIC OF MAIN GALLERY

One of the two main blocks located on the east side is the Main gallery. A space majorly accessible to the general public and vip guests, is placed perfectly on the longer side, close to the racing track creating a unique intimacy between athletes and viewers. A grand entrance and foyer area, separate vip entry and lounge, wall of fame and guest rooms are some of the functions located here which enhance the fan experience. Complete front side consists of the seating gallery facing the west side receiving subdued evening sunlight



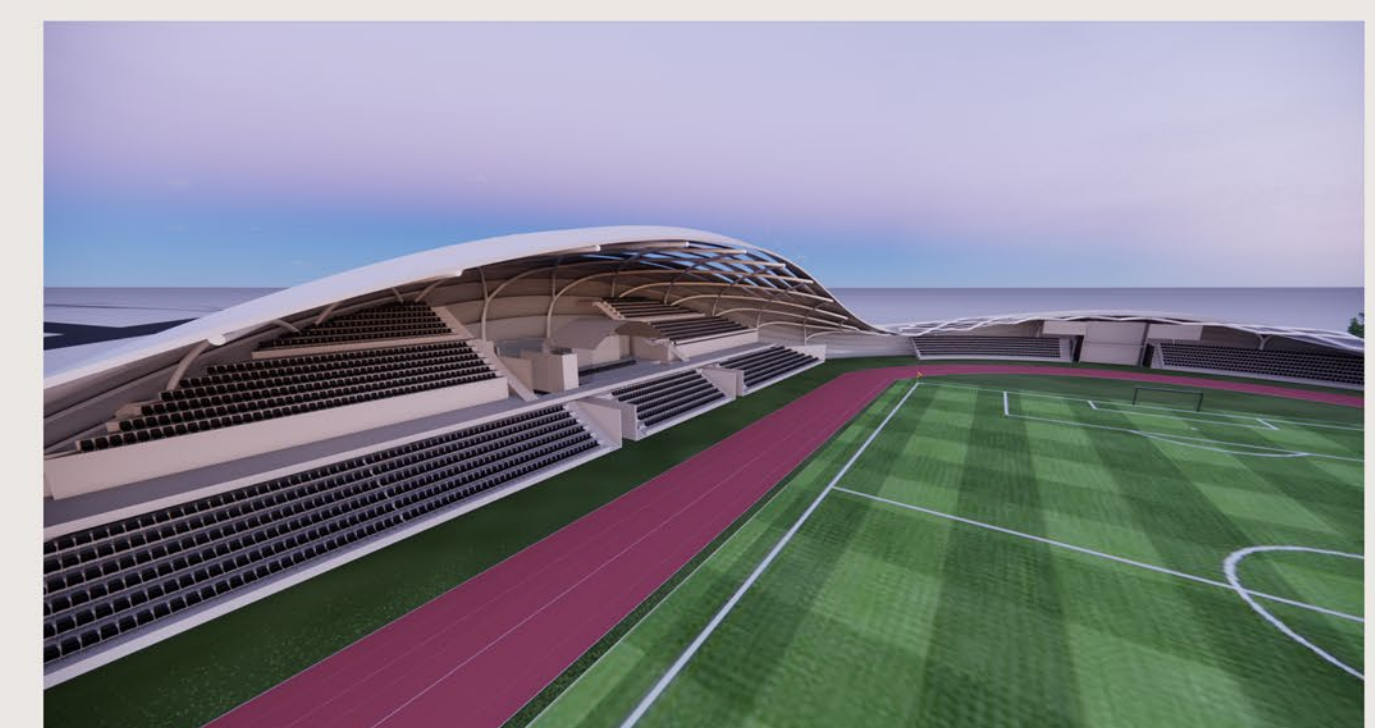
AERIAL VIEW OF MAIN GALLERY



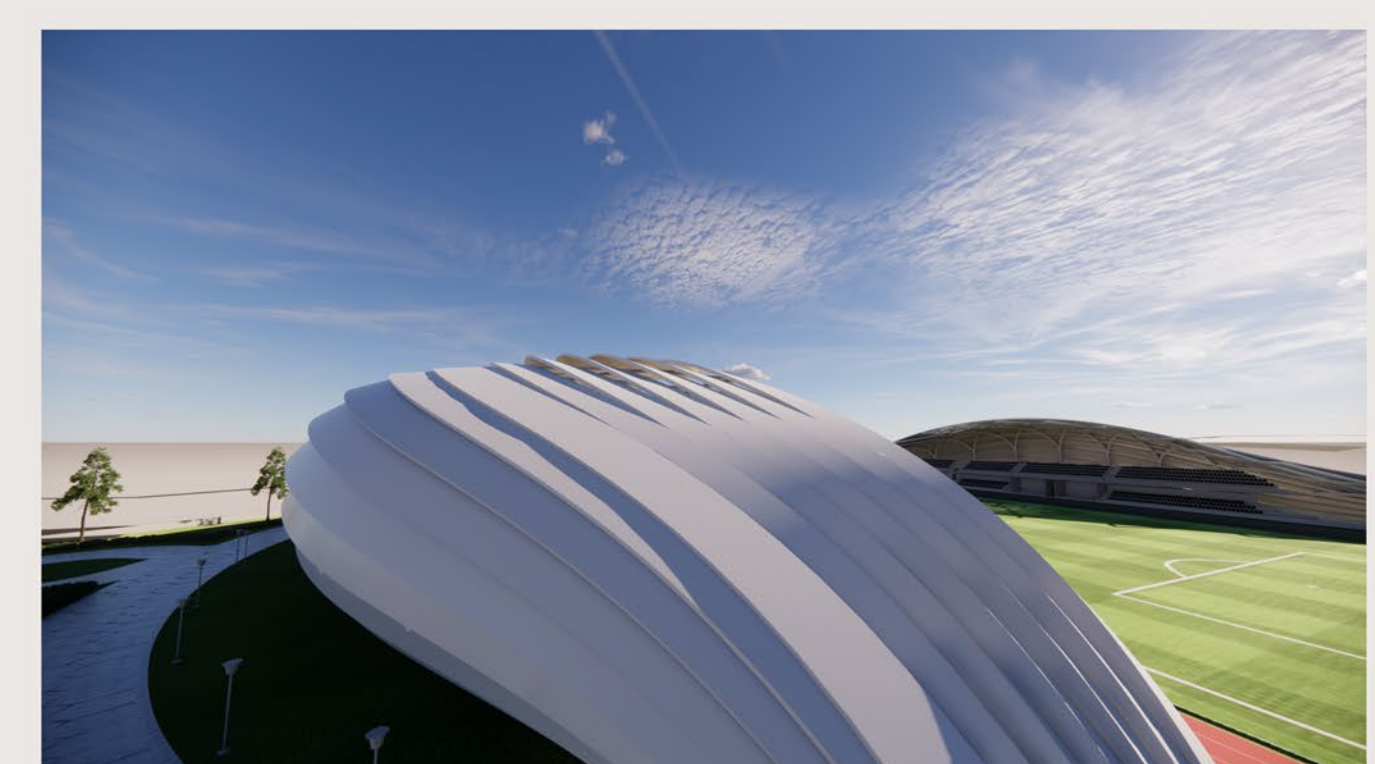
FRONT VIEW



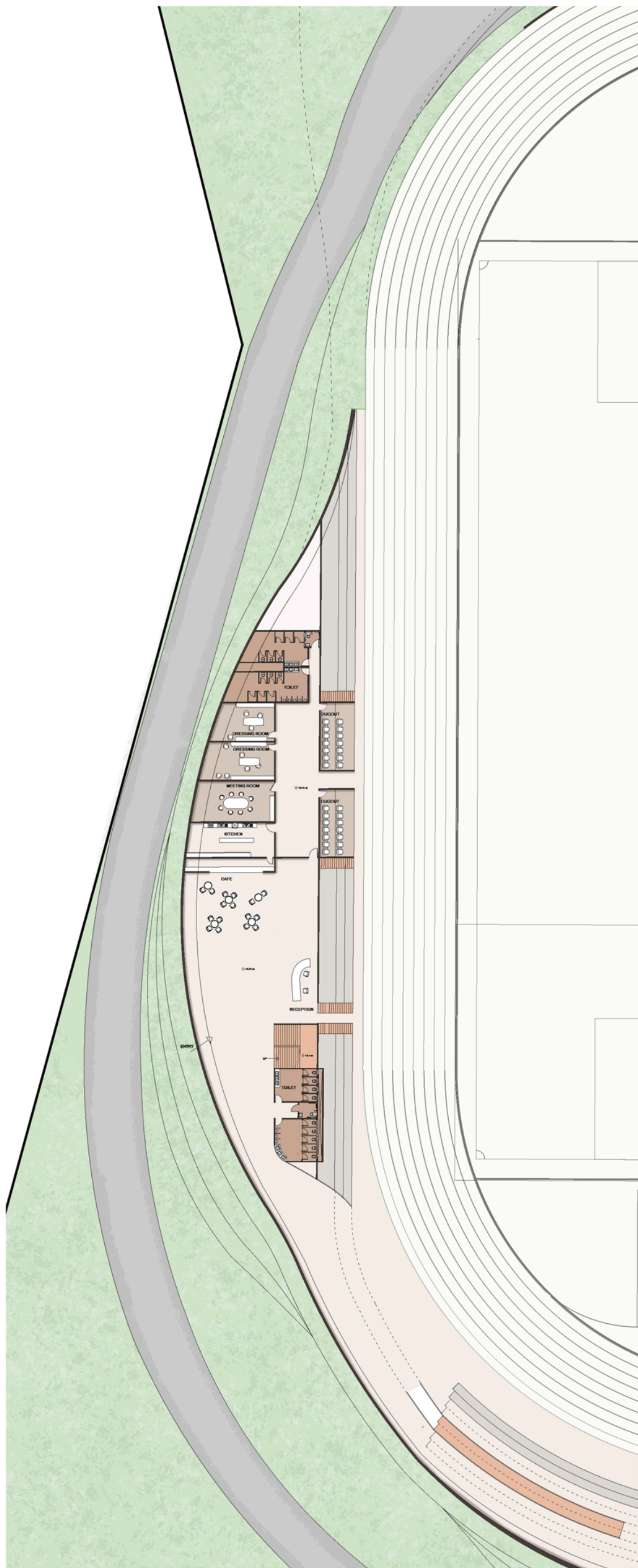
VIEW FROM INSIDE



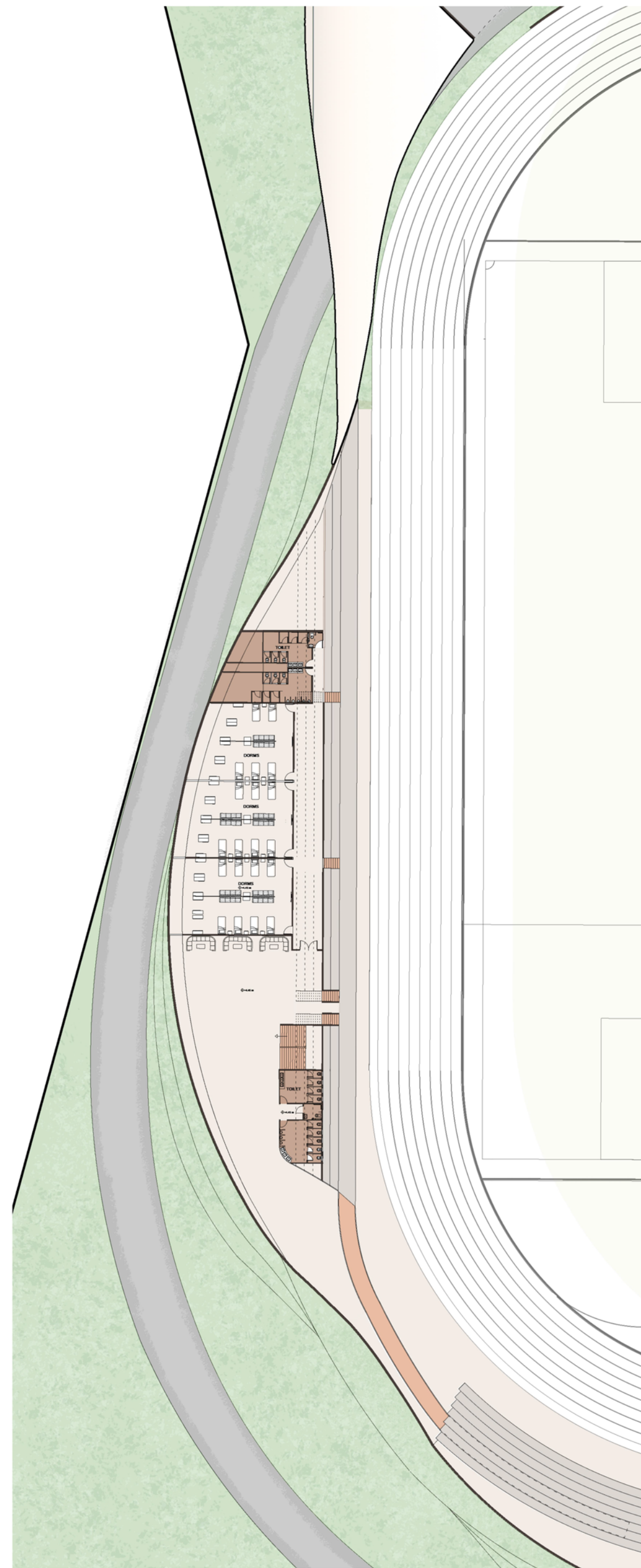
MAIN GALLERY



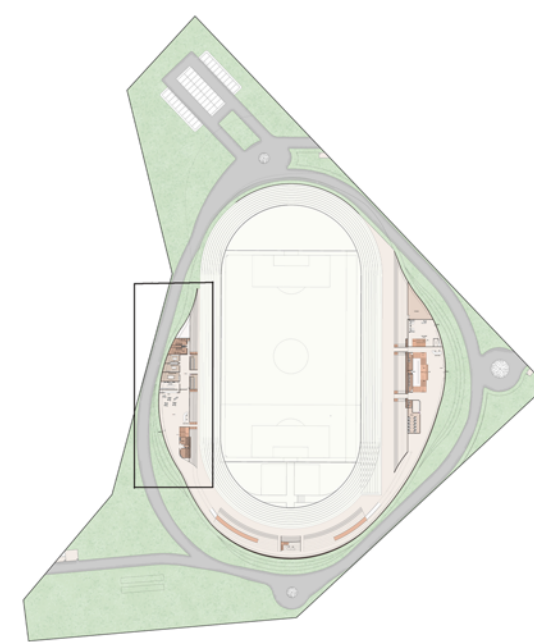
MAIN GALLERY FACADE



PLAN AT 2.50 M

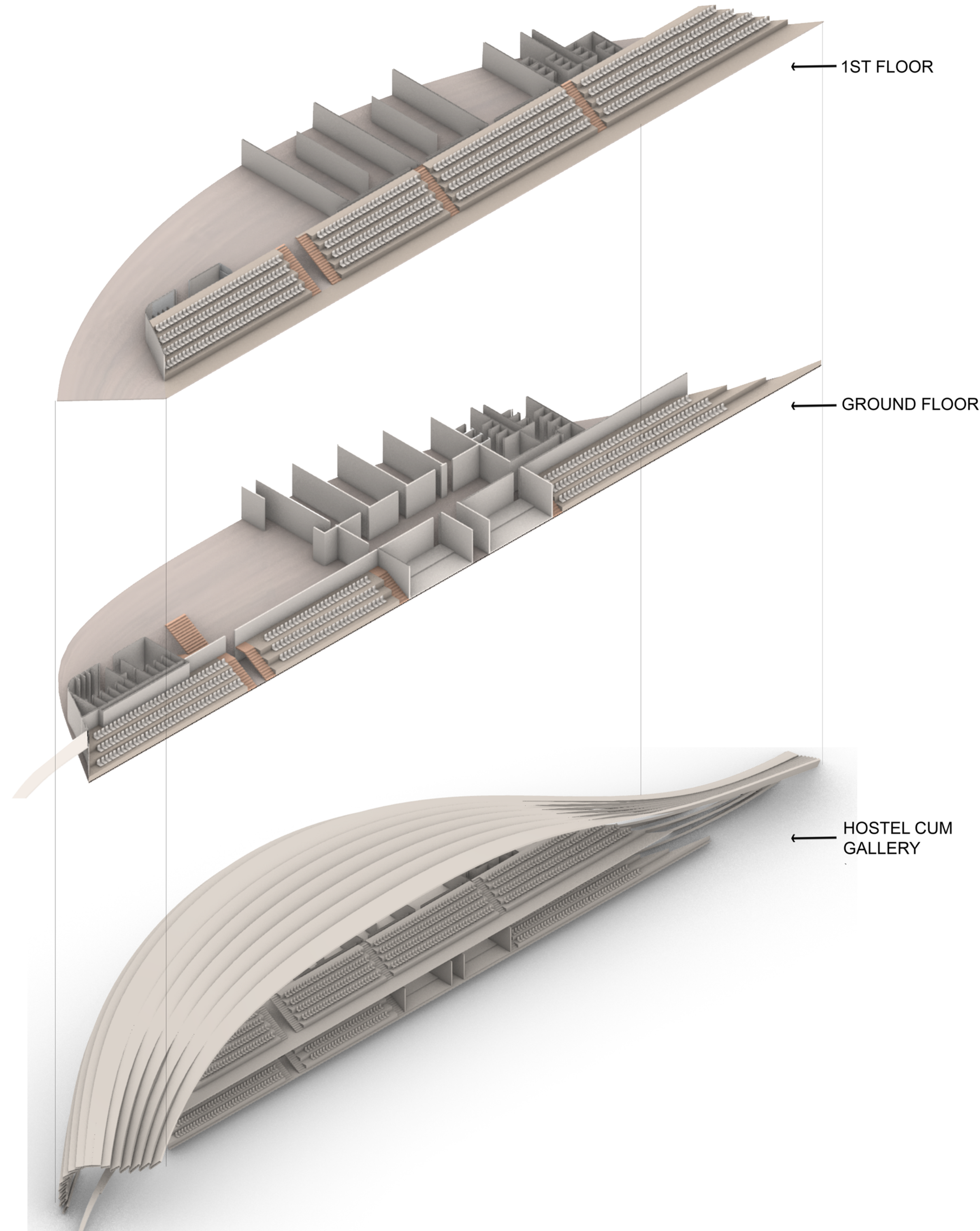


PLAN AT 6.50 M



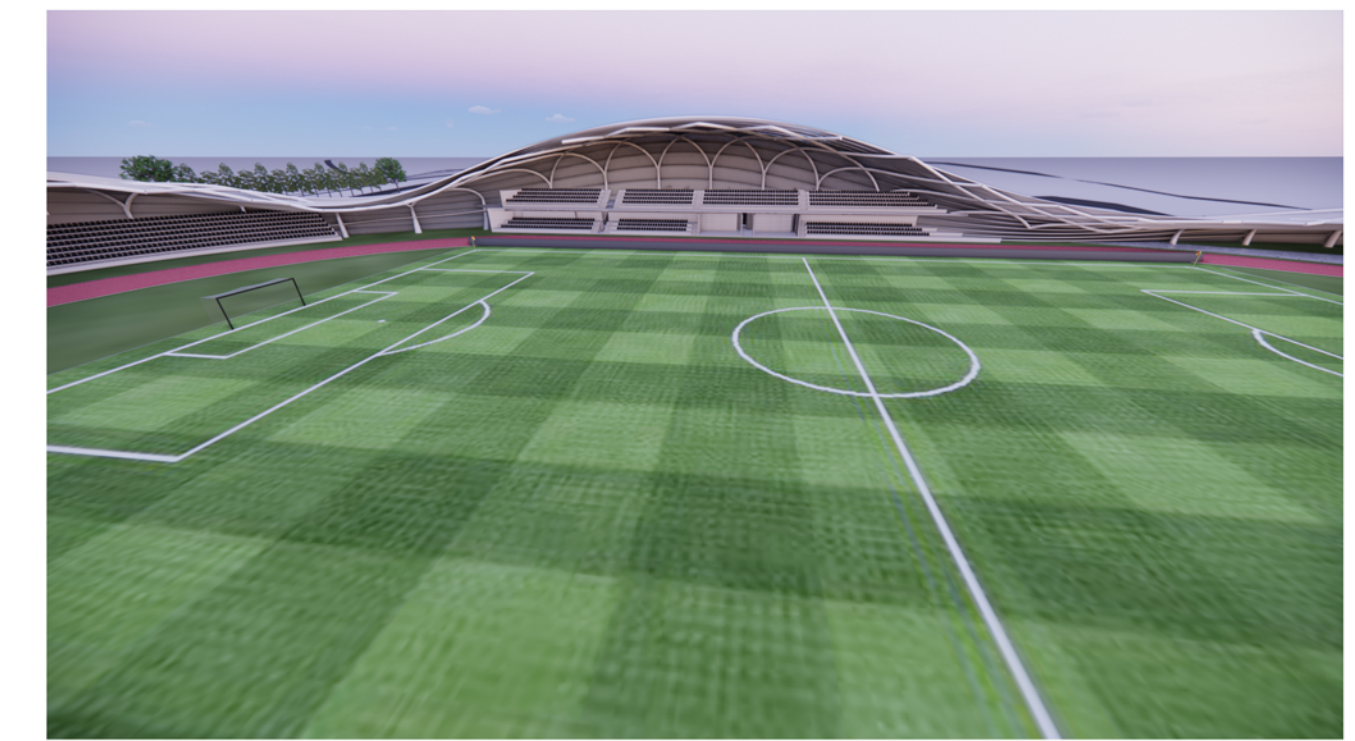
KEY PLAN

- PUBLIC SPACES
- CIRCULATION
- SERVICES
- GALLERY
- ROADWAYS
- LANDSCAPE



EXPLODED ISOMETRIC OF HOSTEL CUM GALLERY

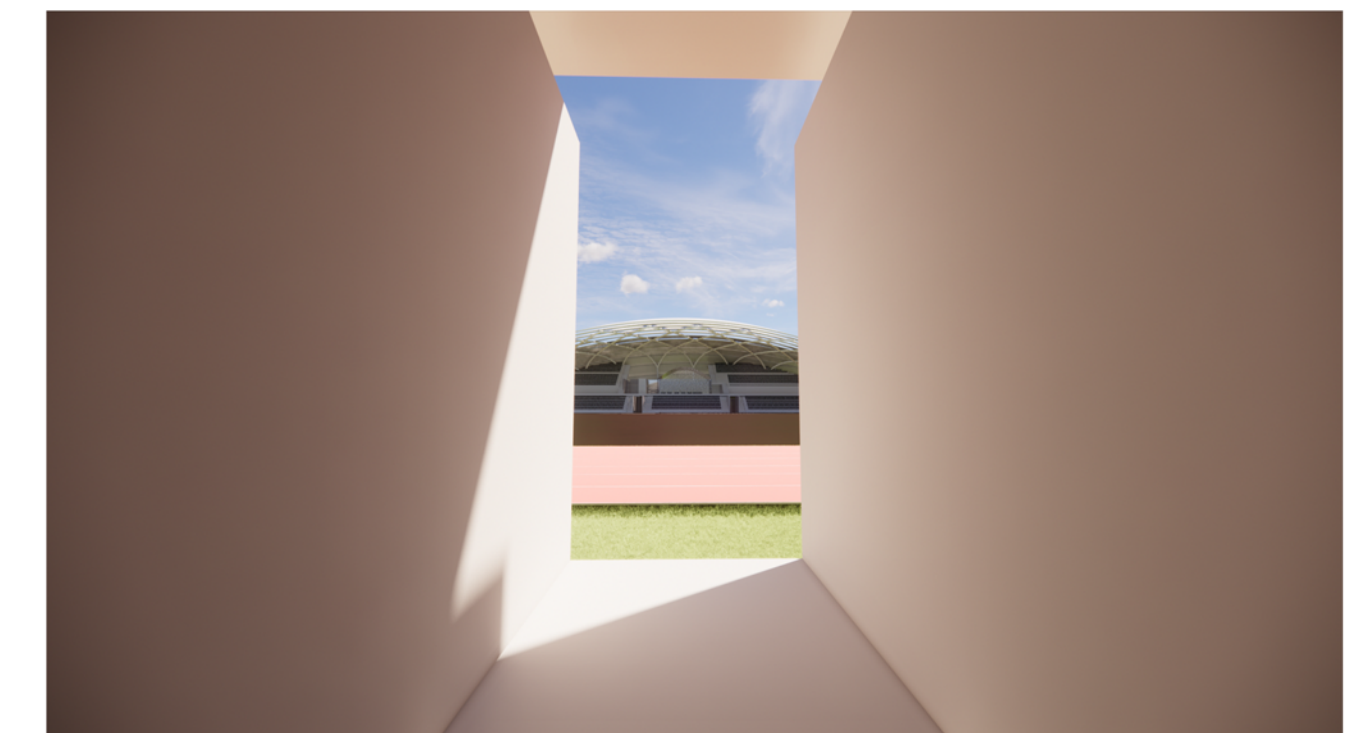
On the opposite side of the main gallery is a smaller block, the hostel cum gallery, a more private space for the players and their families. Including spaces like the dugout, dorms and rooms for the players makes the block exclusive for the players. The front side, similar to the main gallery, has a seating facility which receives the morning sun light.



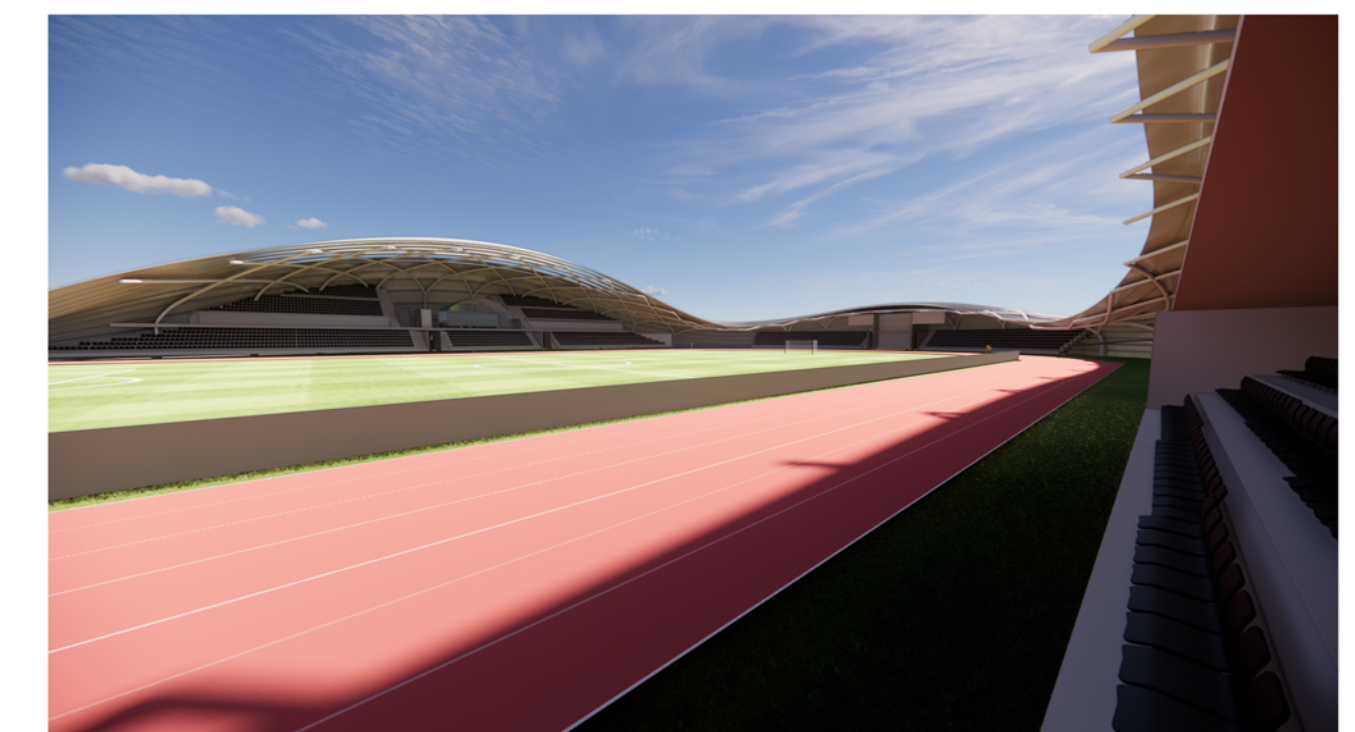
HOSTEL CUM GALLERY FRONT VIEW



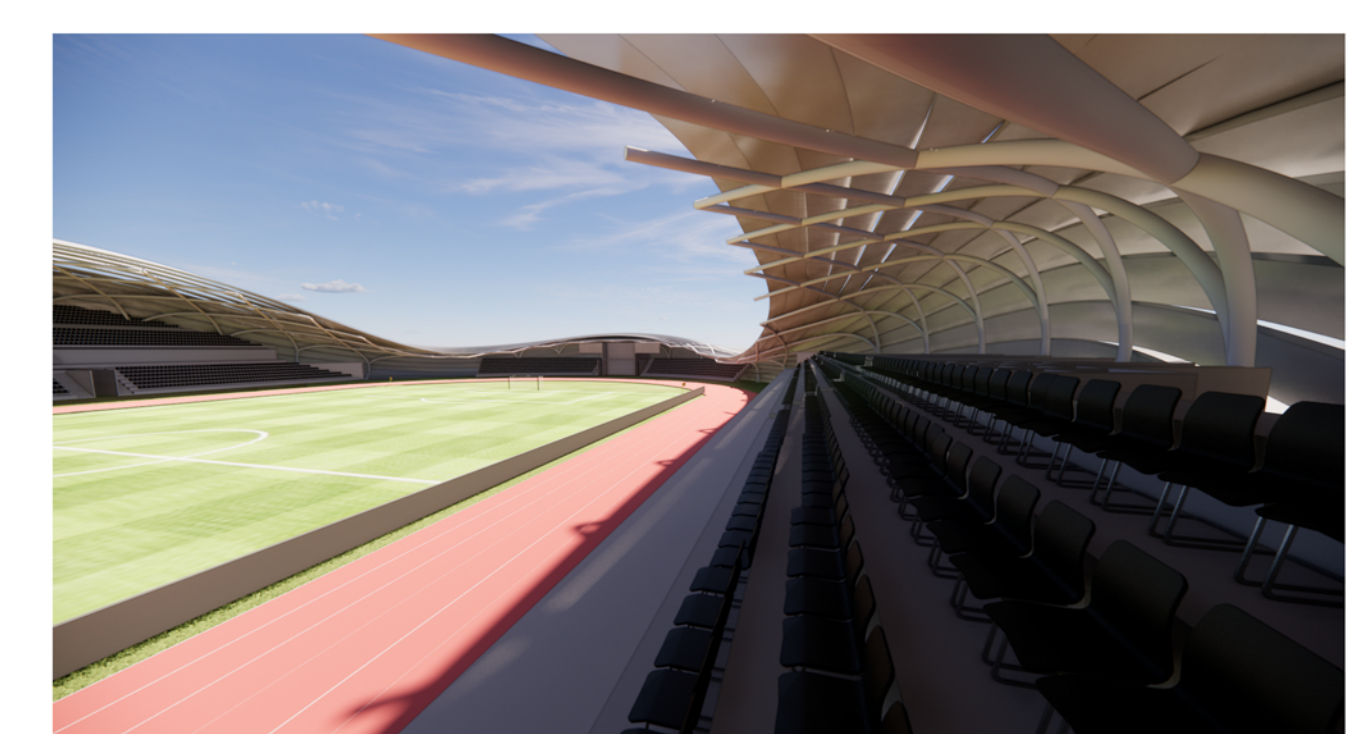
VIEW FROM LEVEL 1 GALLERY



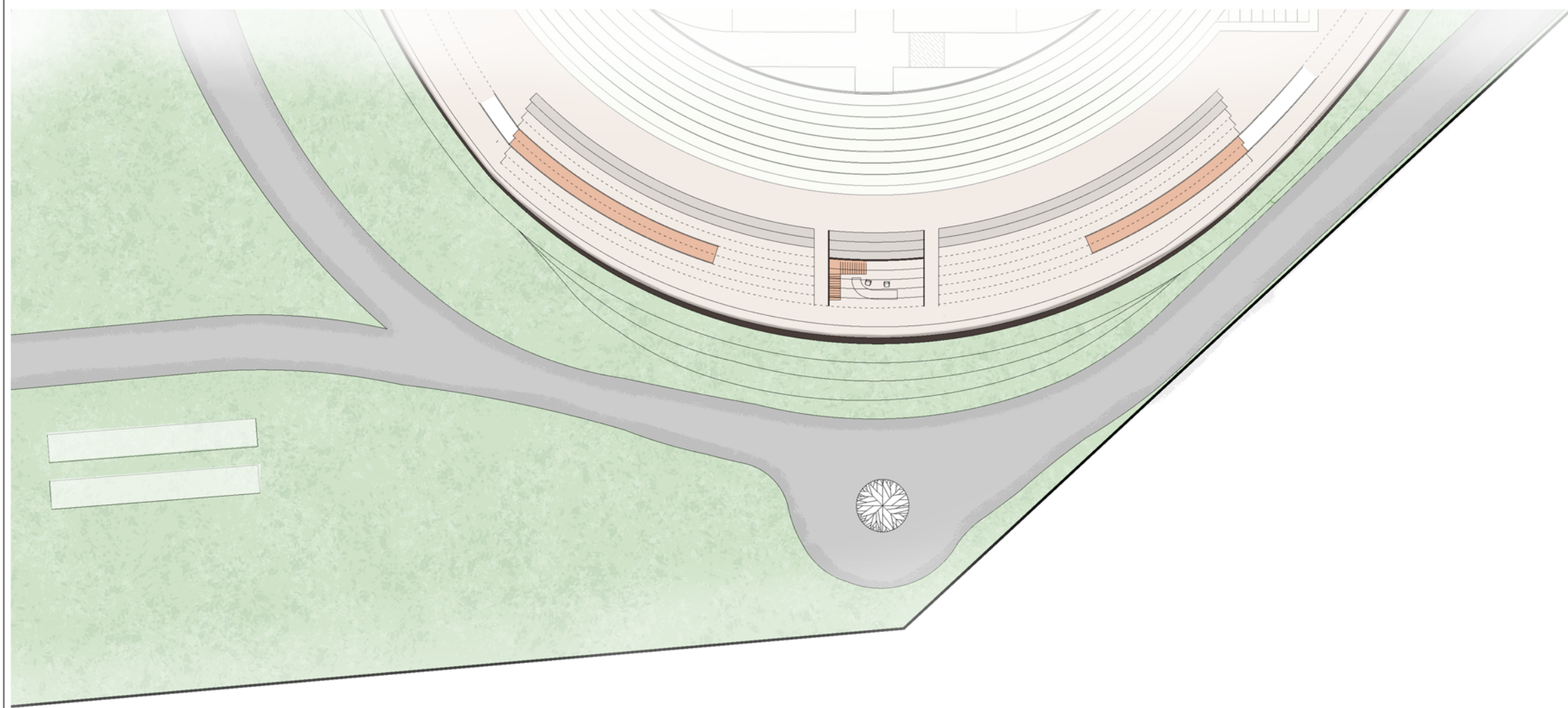
VIEW FROM TUNNEL



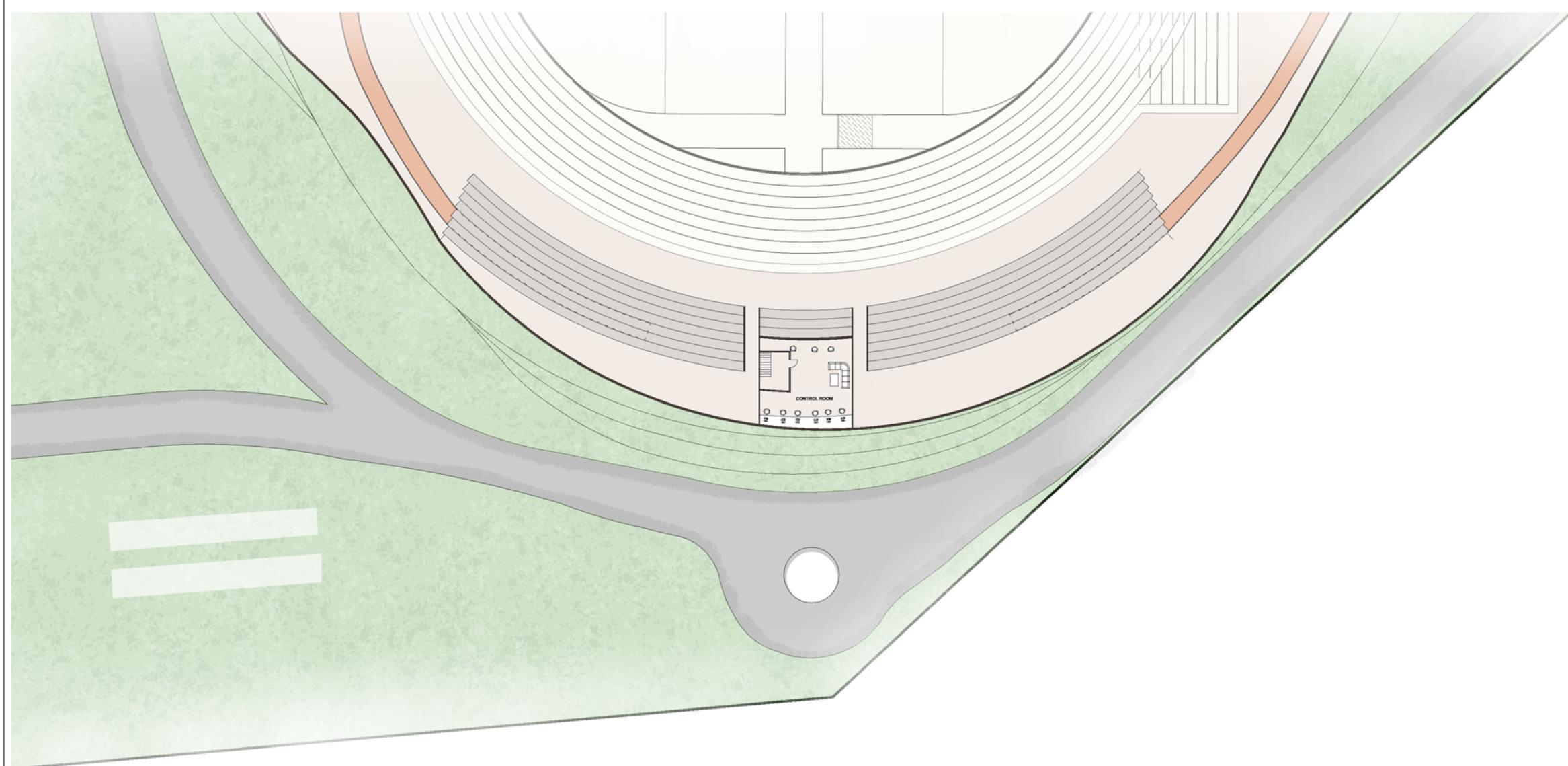
VIEW FROM GROUND LEVEL GALLERY



GALLERY SEATING



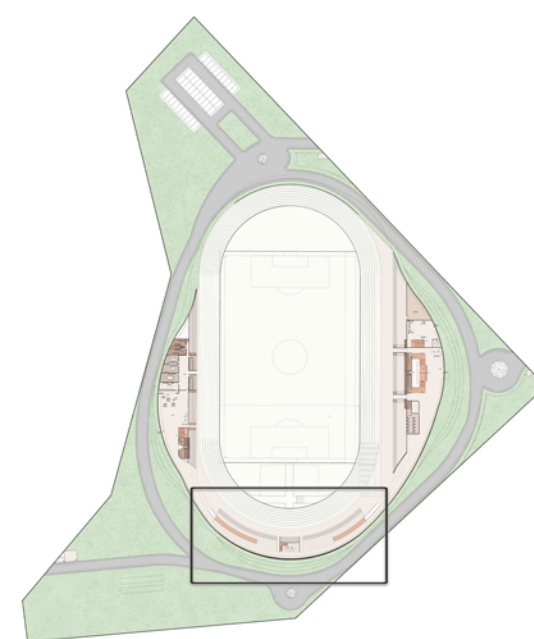
PLAN AT 2.50 M



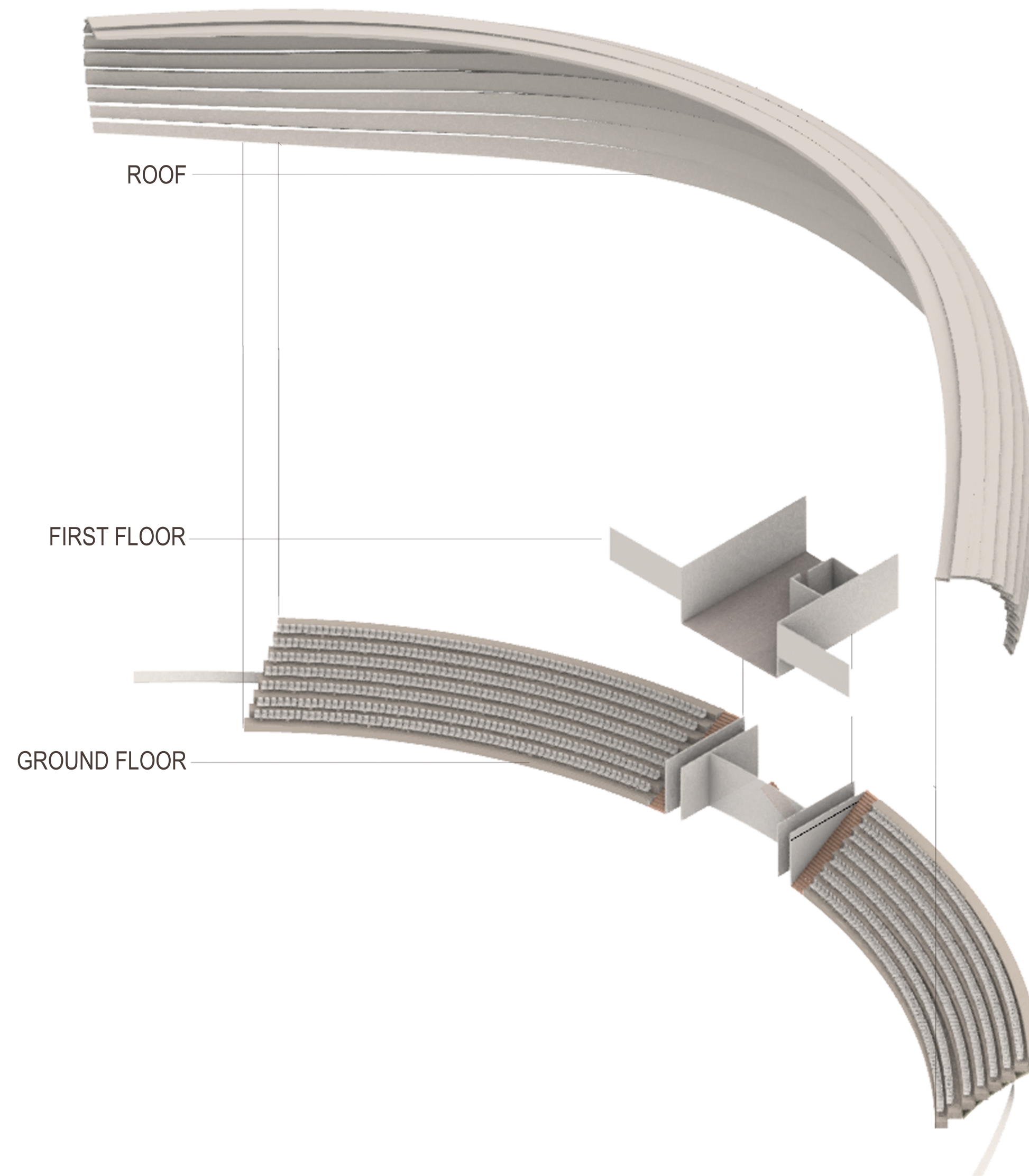
PLAN AT 6.50 M

0 5 10 20 30 40

- CIRCULATION
- CIRCULATION
- SERVICES
- GALLERY
- ROADWAYS
- LANDSCAPE

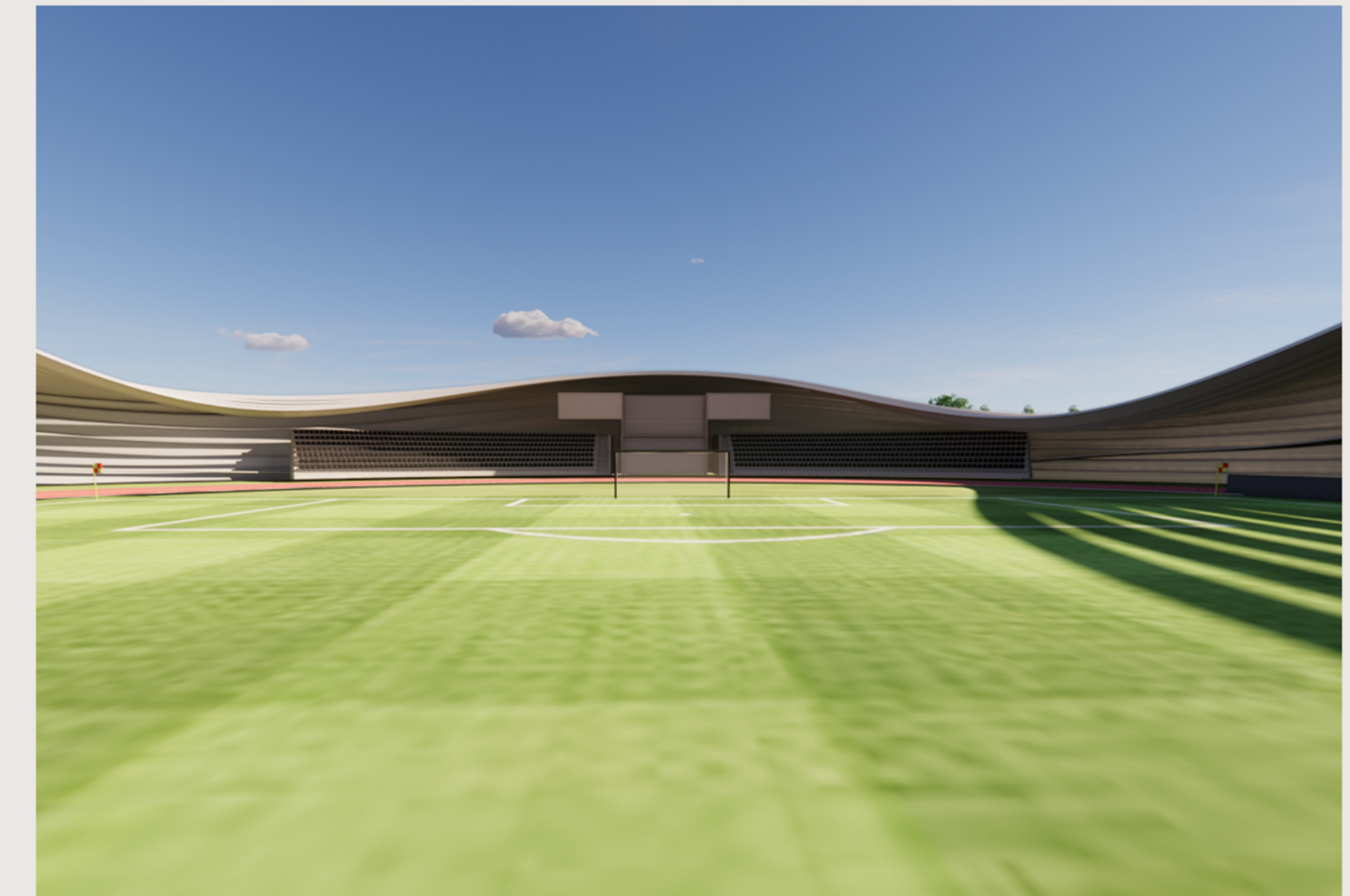


KEY PLAN

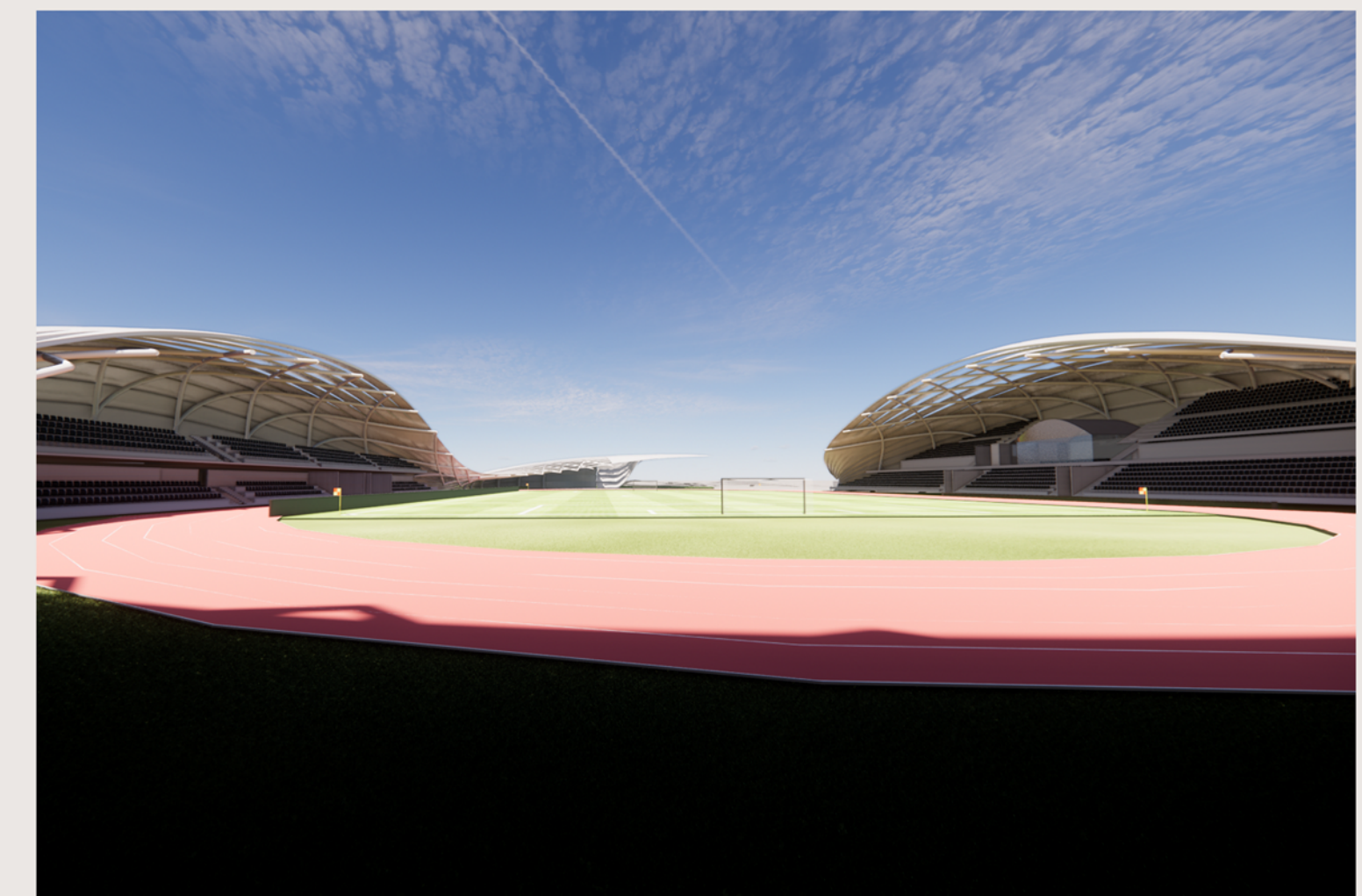


EXPLODED ISOMETRIC VIEW OF SOUTH BLOCK

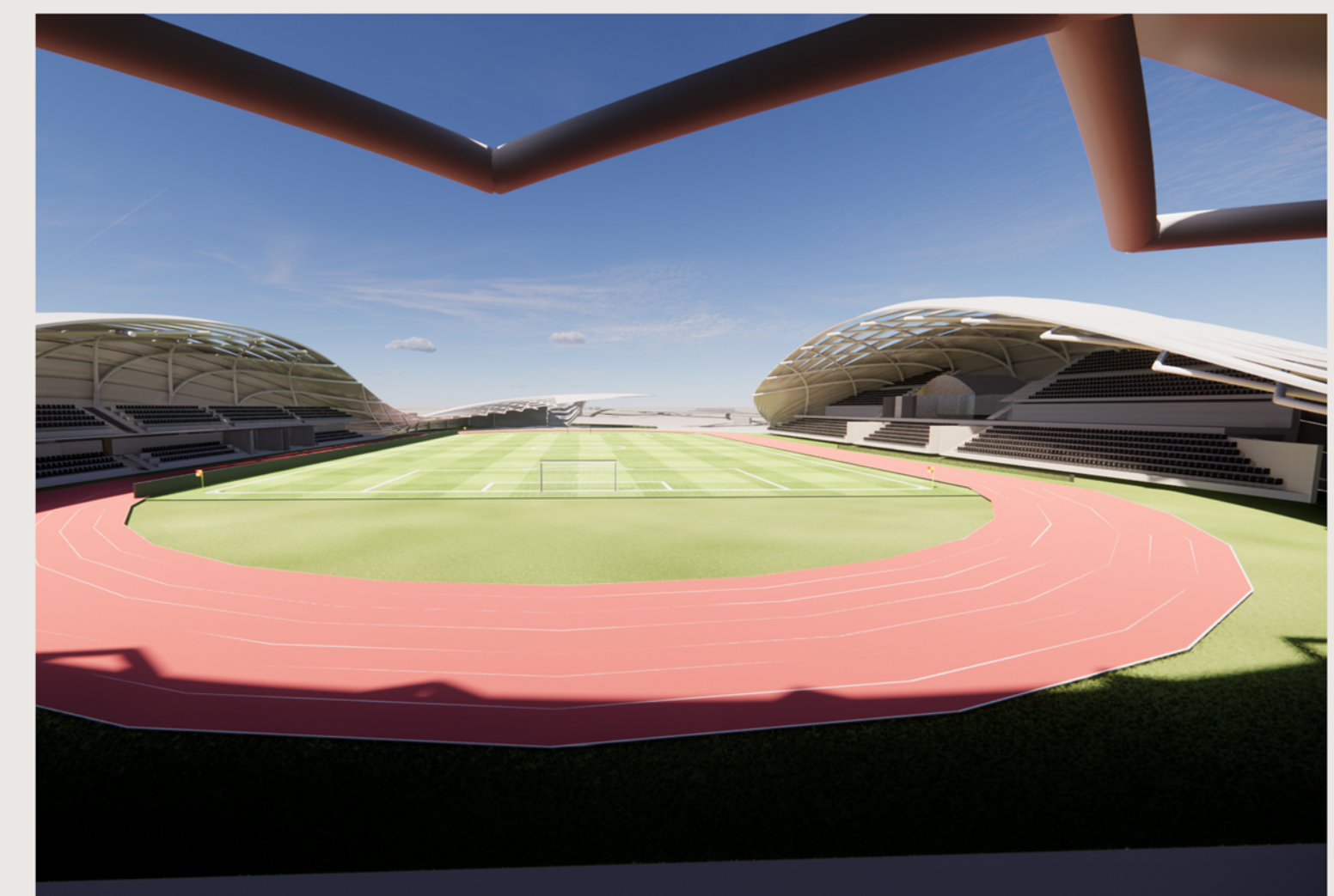
The south side is an additional block added which consists of an informal seating area, commentary box, control room and the main reception lobby, leading us to the galleries of both the blocks via a ramp. This block is added not only to connect the main gallery and the hostel cum gallery but also prevents the ground from the direct south glare



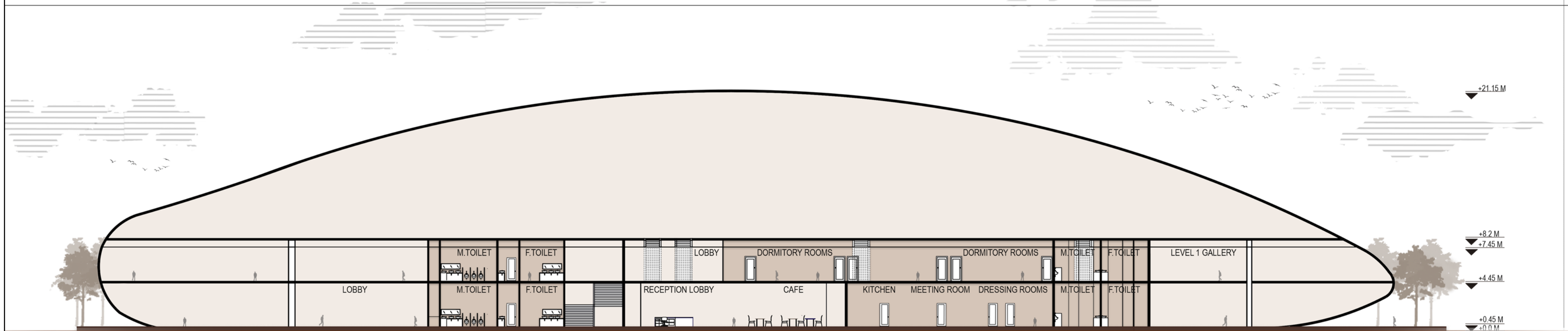
SOUTH BLOCK



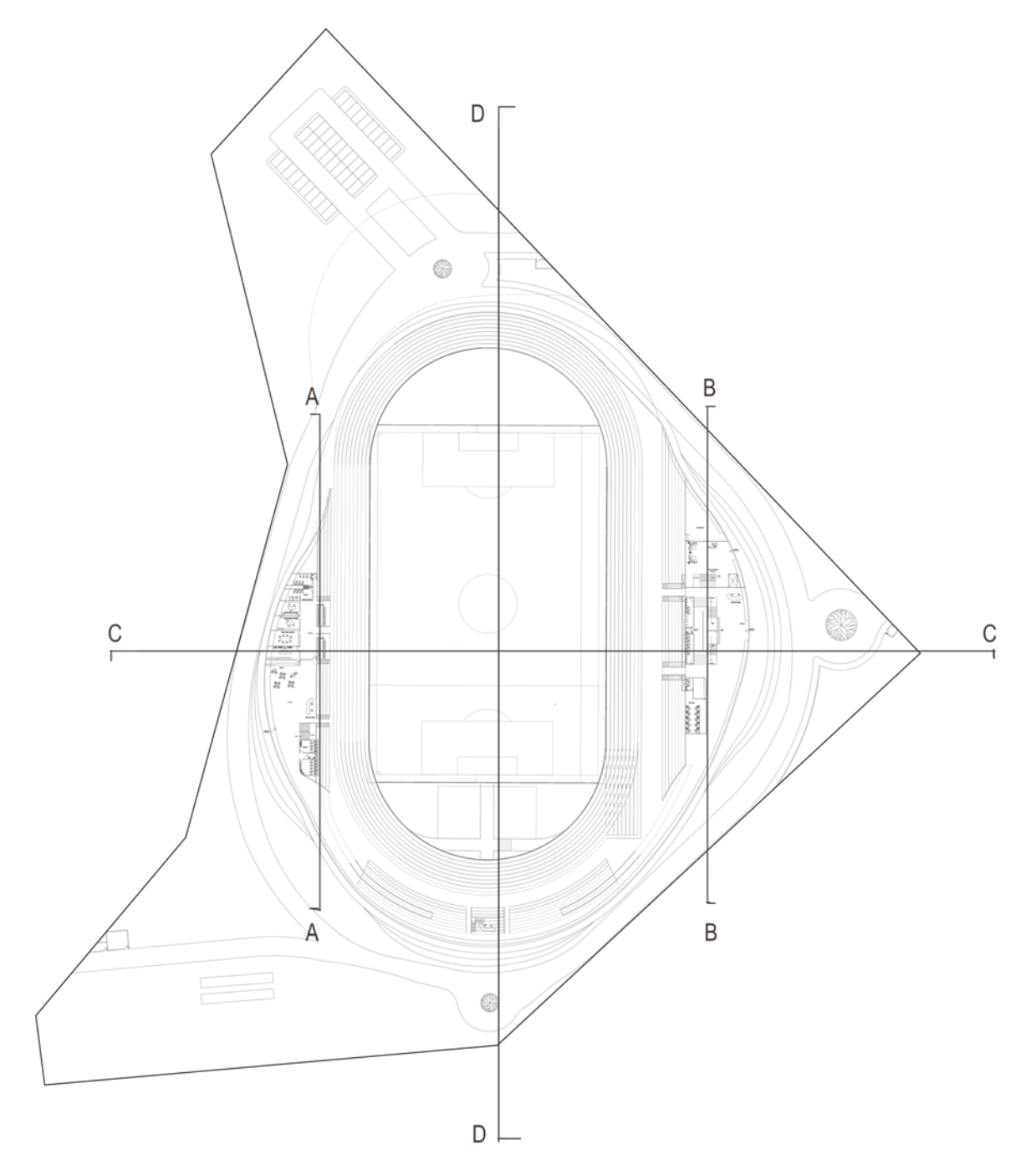
VIEW OF THE ENTIRE STADIUM FROM THE SOUTH BLOCK



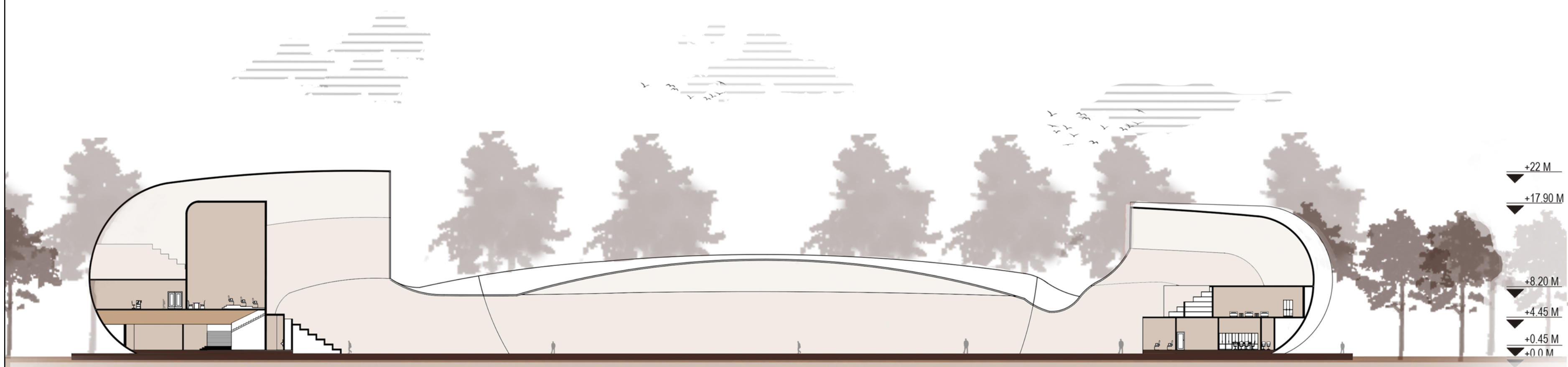
VIEW FROM THE COMMENTARY BOX



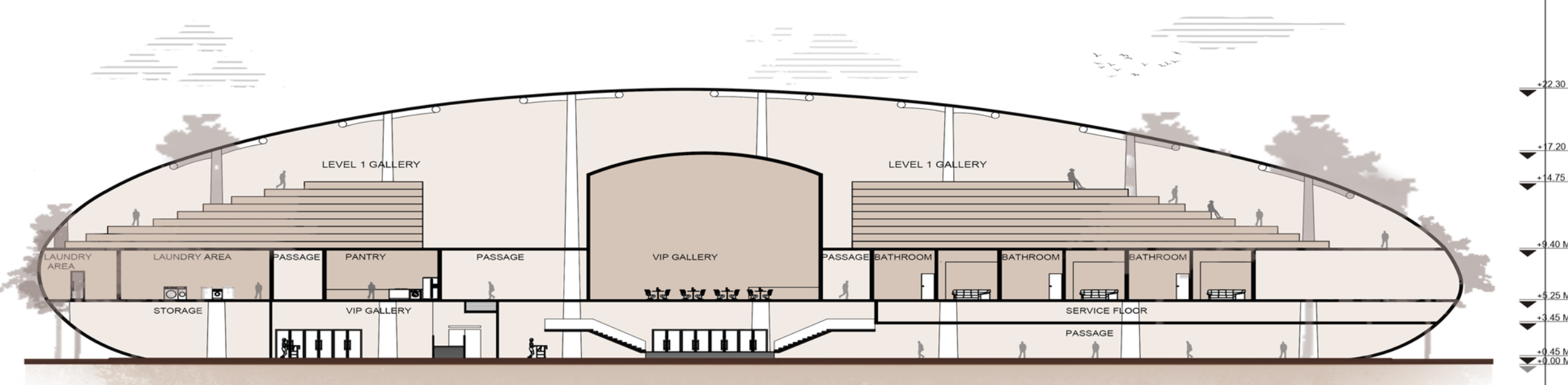
SECTION AA



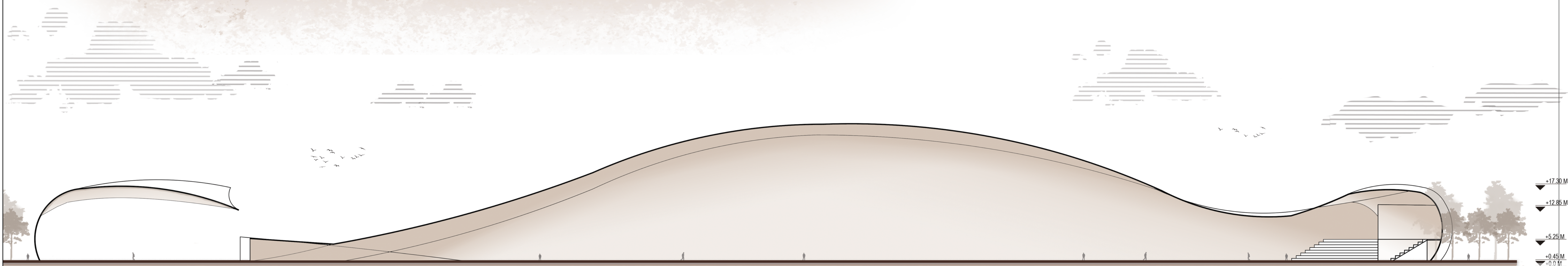
KEY PLAN



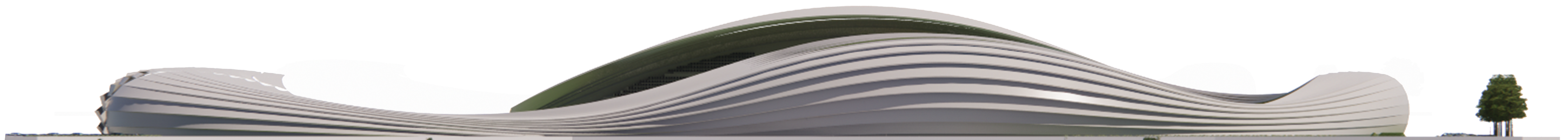
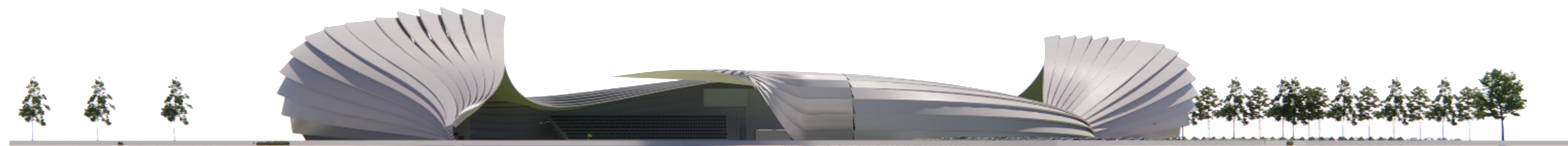
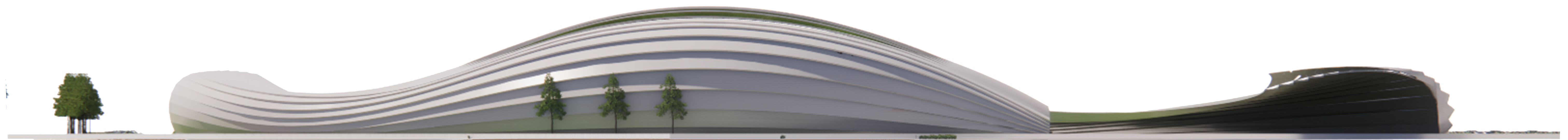
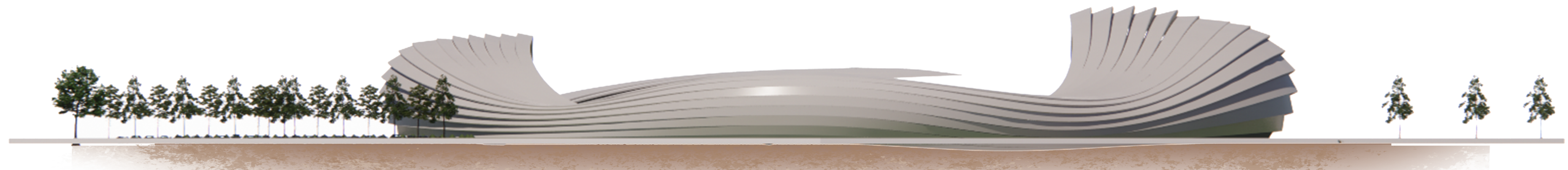
SECTION CC



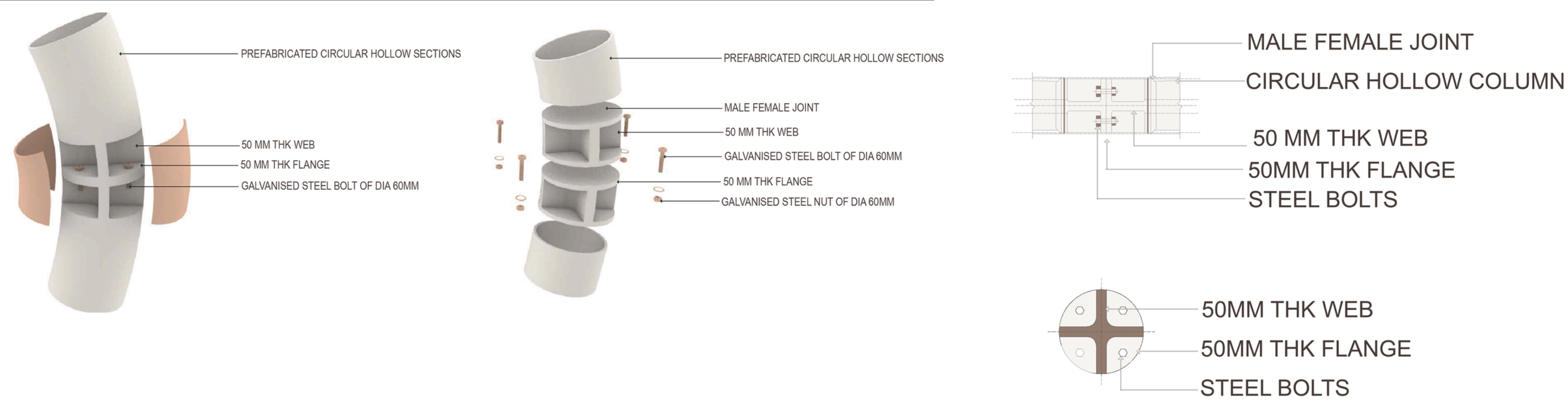
SECTION BB



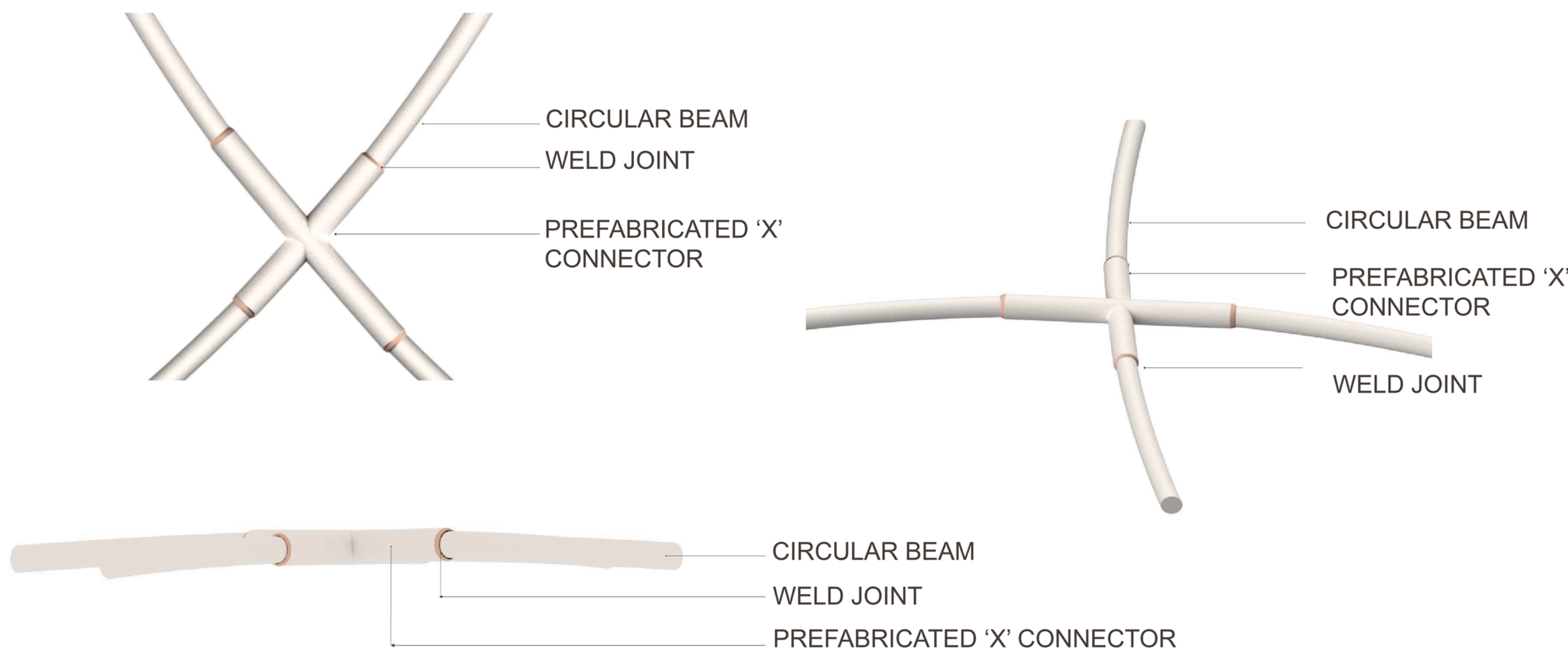
SECTION DD



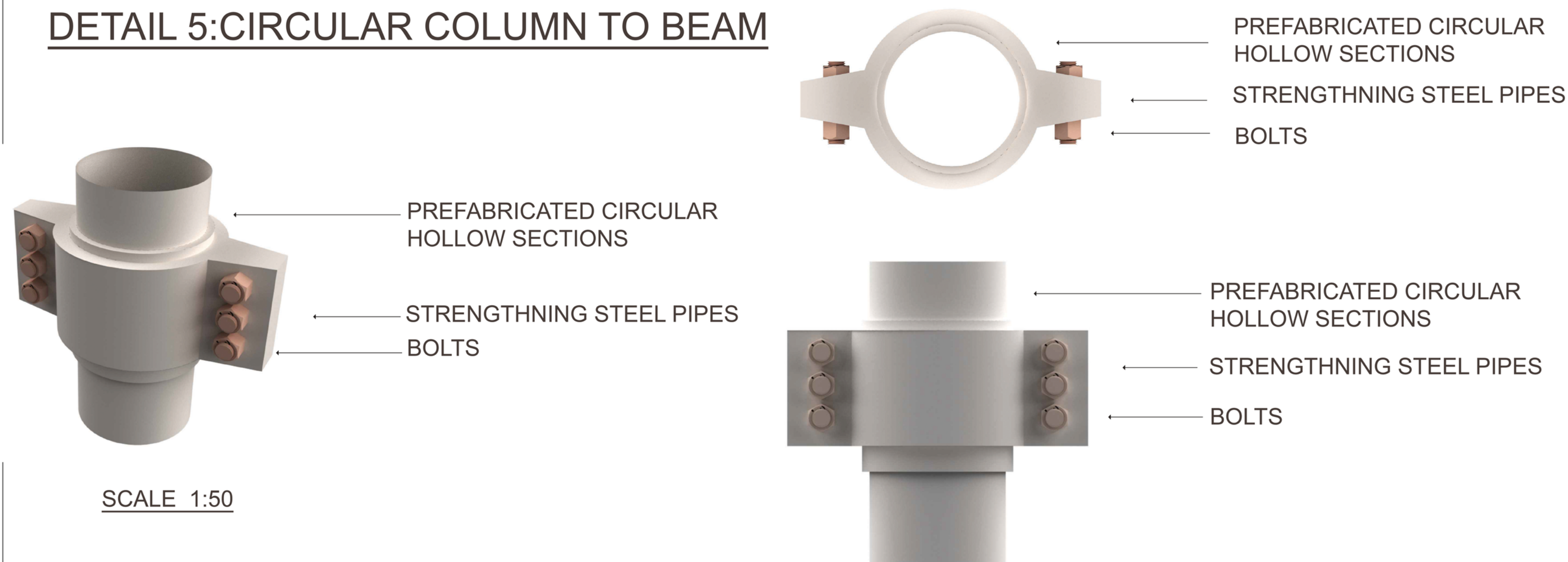
DETAIL 1:CIRCULAR COLUMN TO CIRCULAR COLUMN



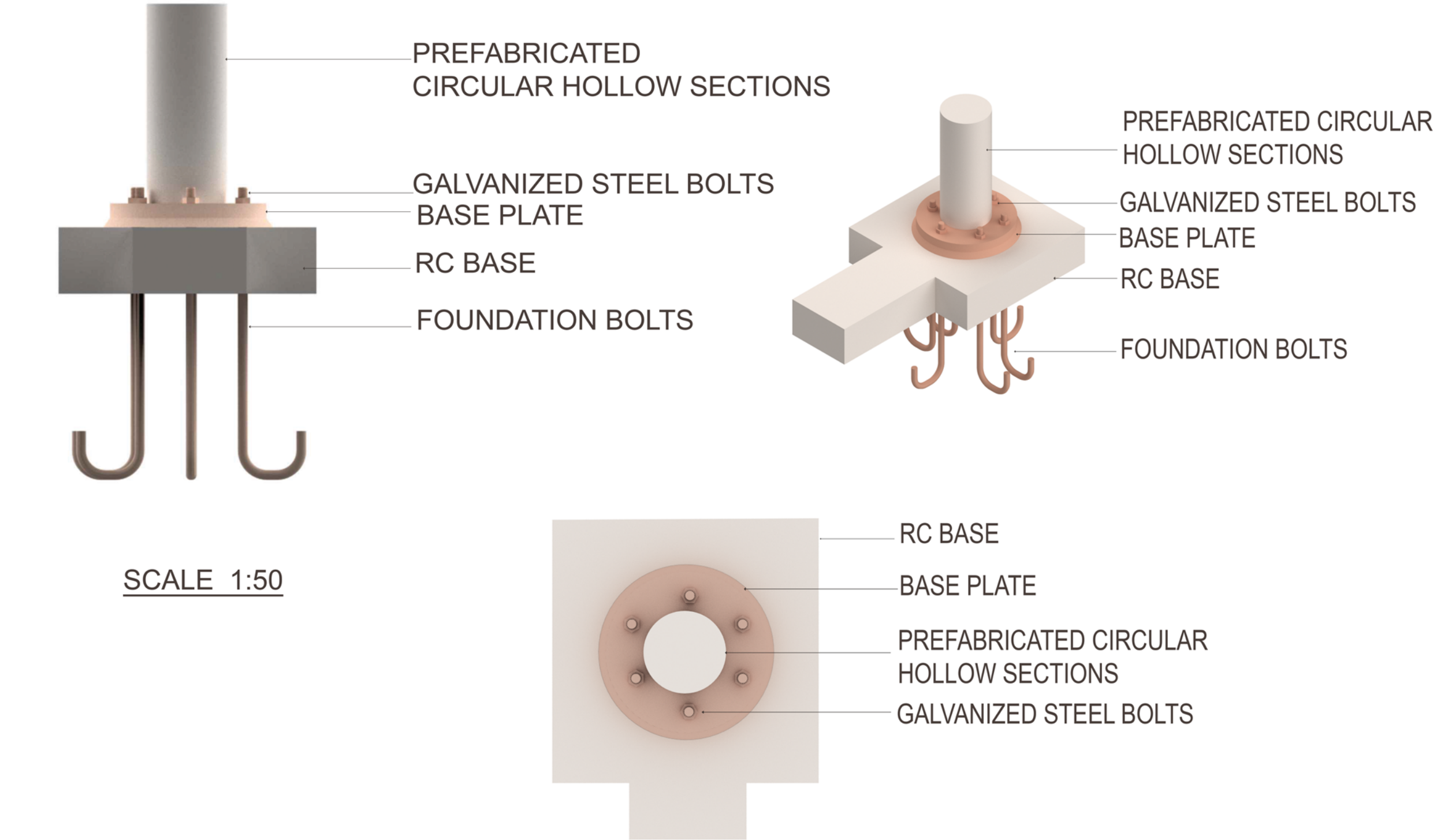
DETAIL 2:CIRCULAR BEAM TO CIRCULAR BEAM



DETAIL 5:CIRCULAR COLUMN TO BEAM



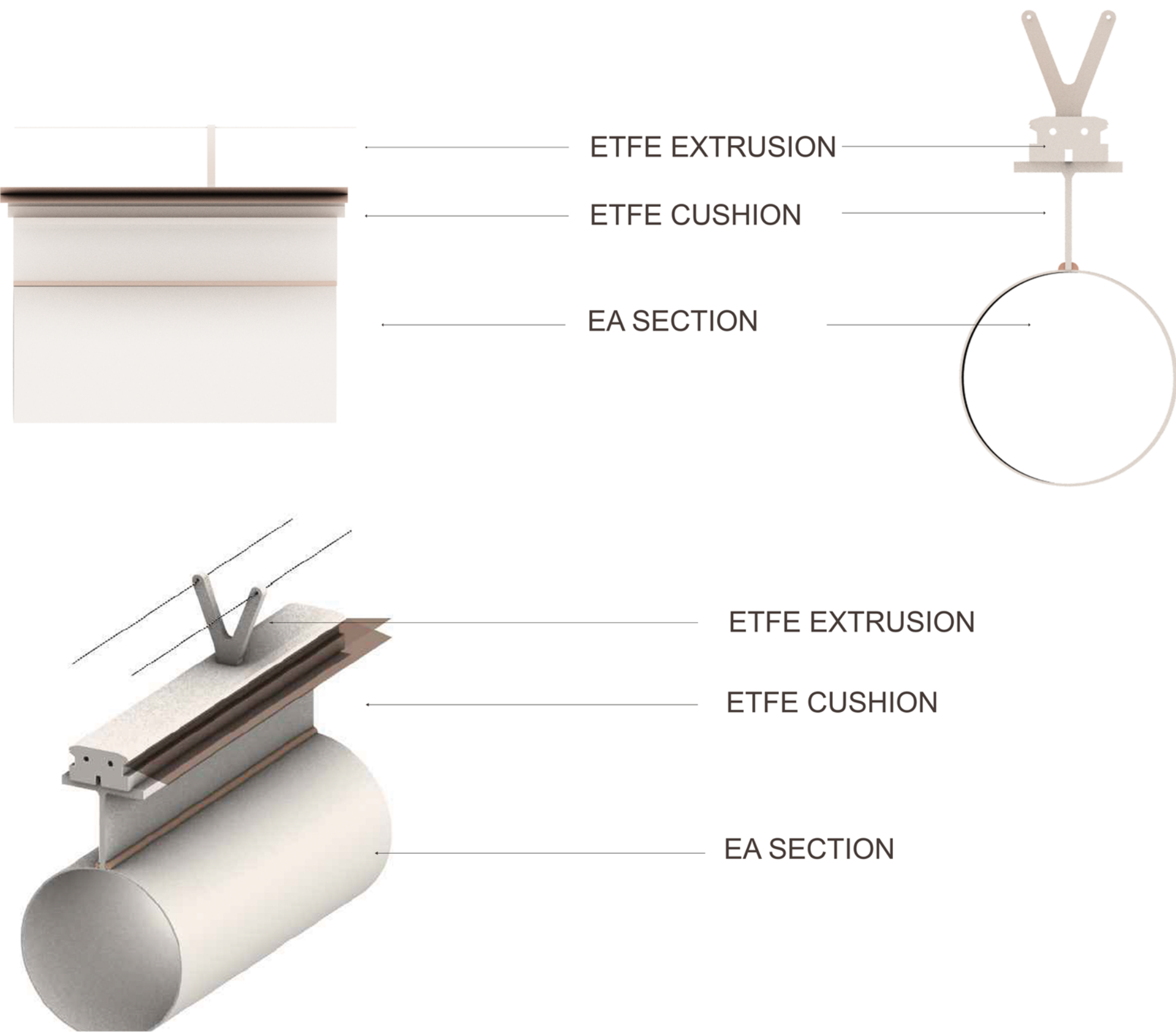
SCALE 1:50



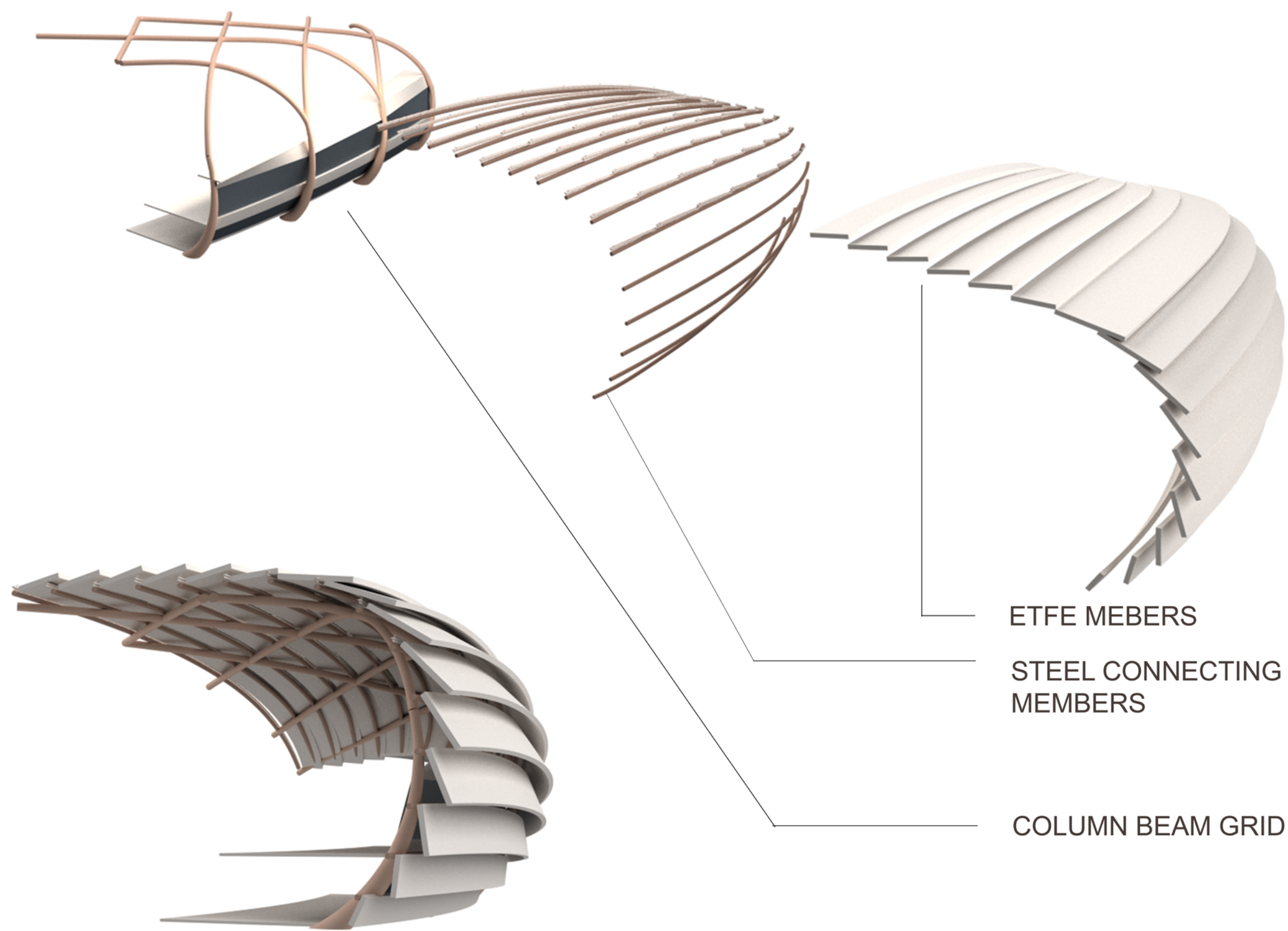
SCALE 1:50

DETAIL 3:CIRCULAR COLUMN TO TIE FOUNDATION

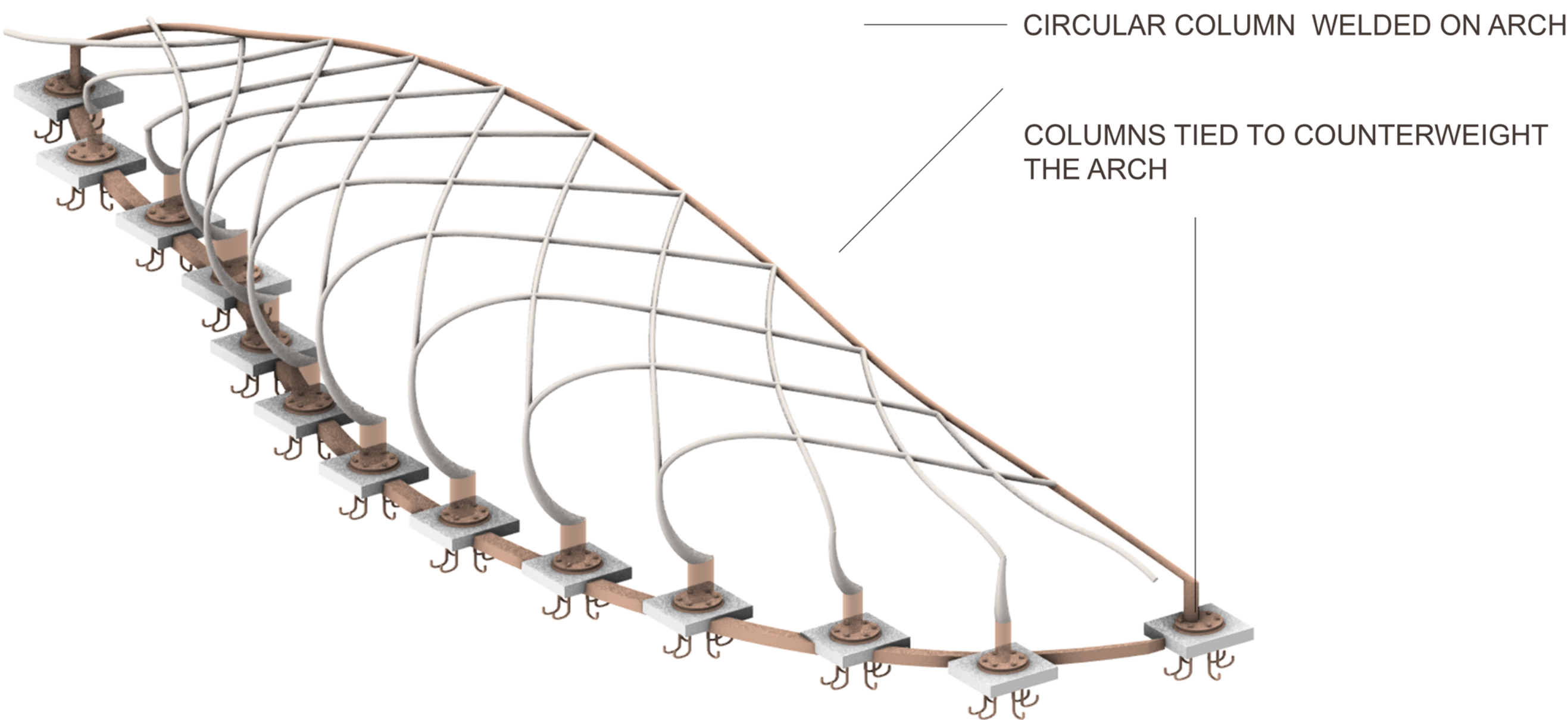
DETAIL 4:ETFE CONNECTION



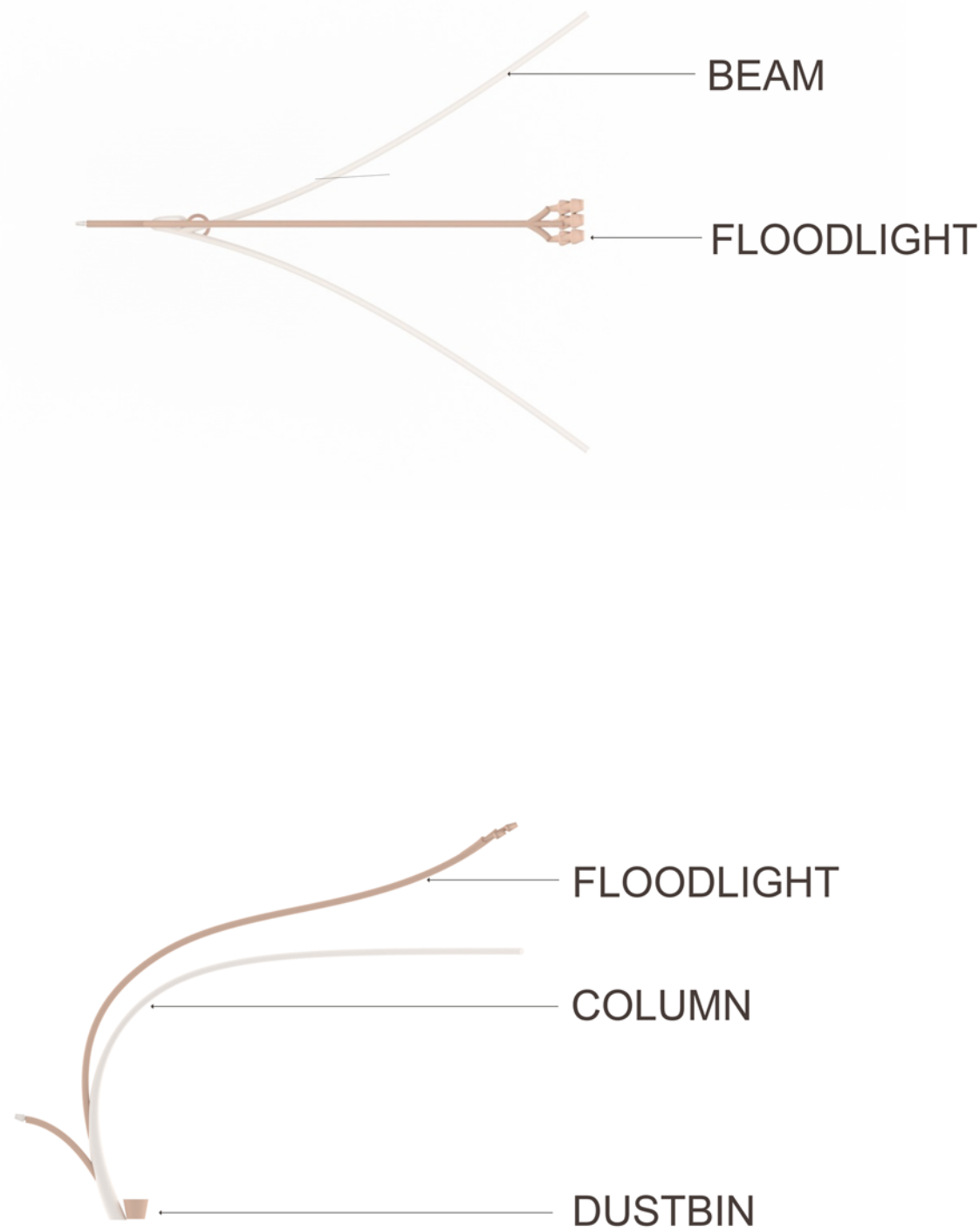
DETAIL 1 :FACADE CONNECTION



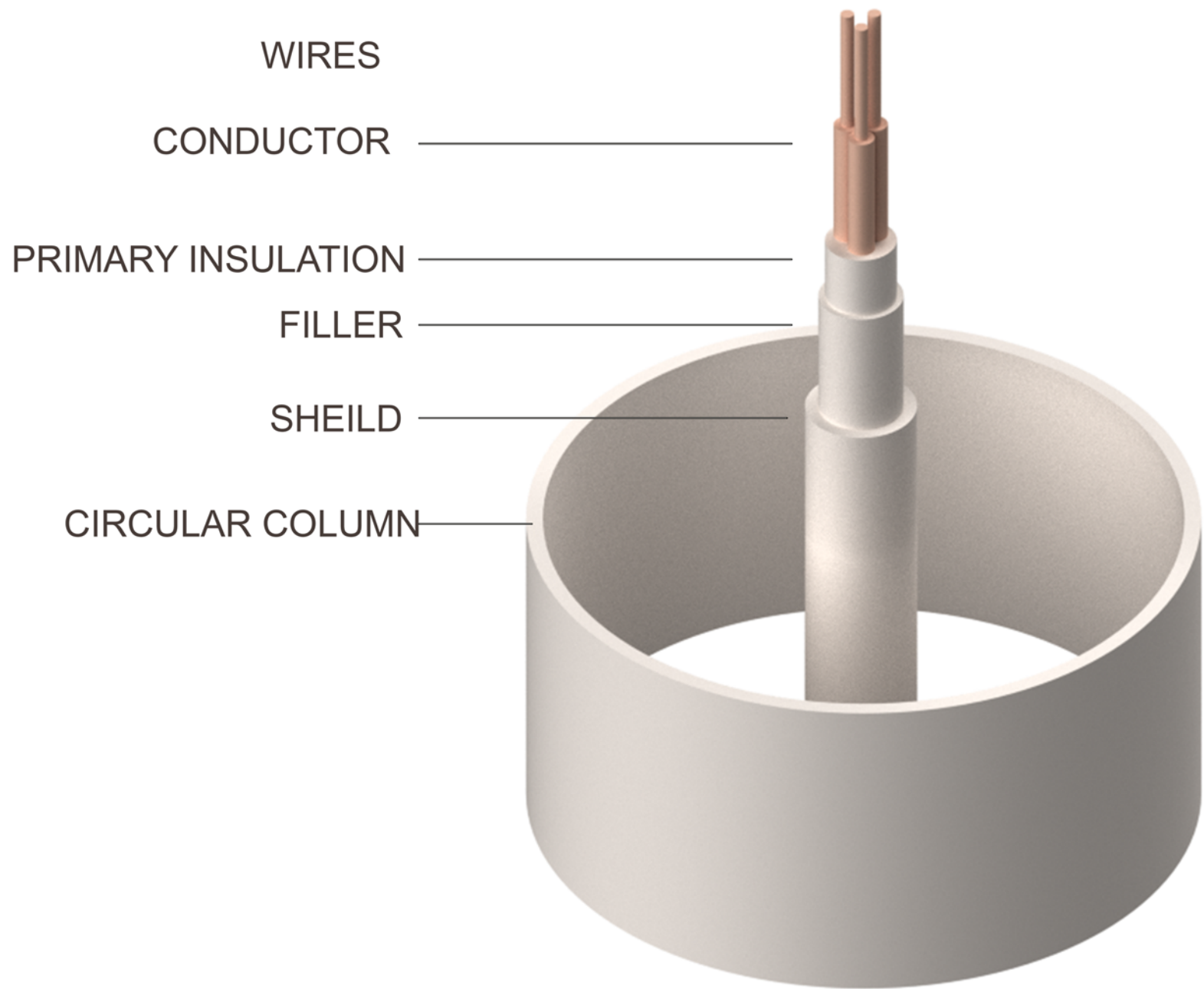
DETAIL 5 :FACADE CONNECTION



DETAIL 2: FLOODLIGHT



DETAIL 3:CIRCULAR BEAM TO CIRCULAR BEAM



DETAIL 4:DRAINAGE



DETAIL 2:CIRCULAR BEAM TO CIRCULAR BEAM

