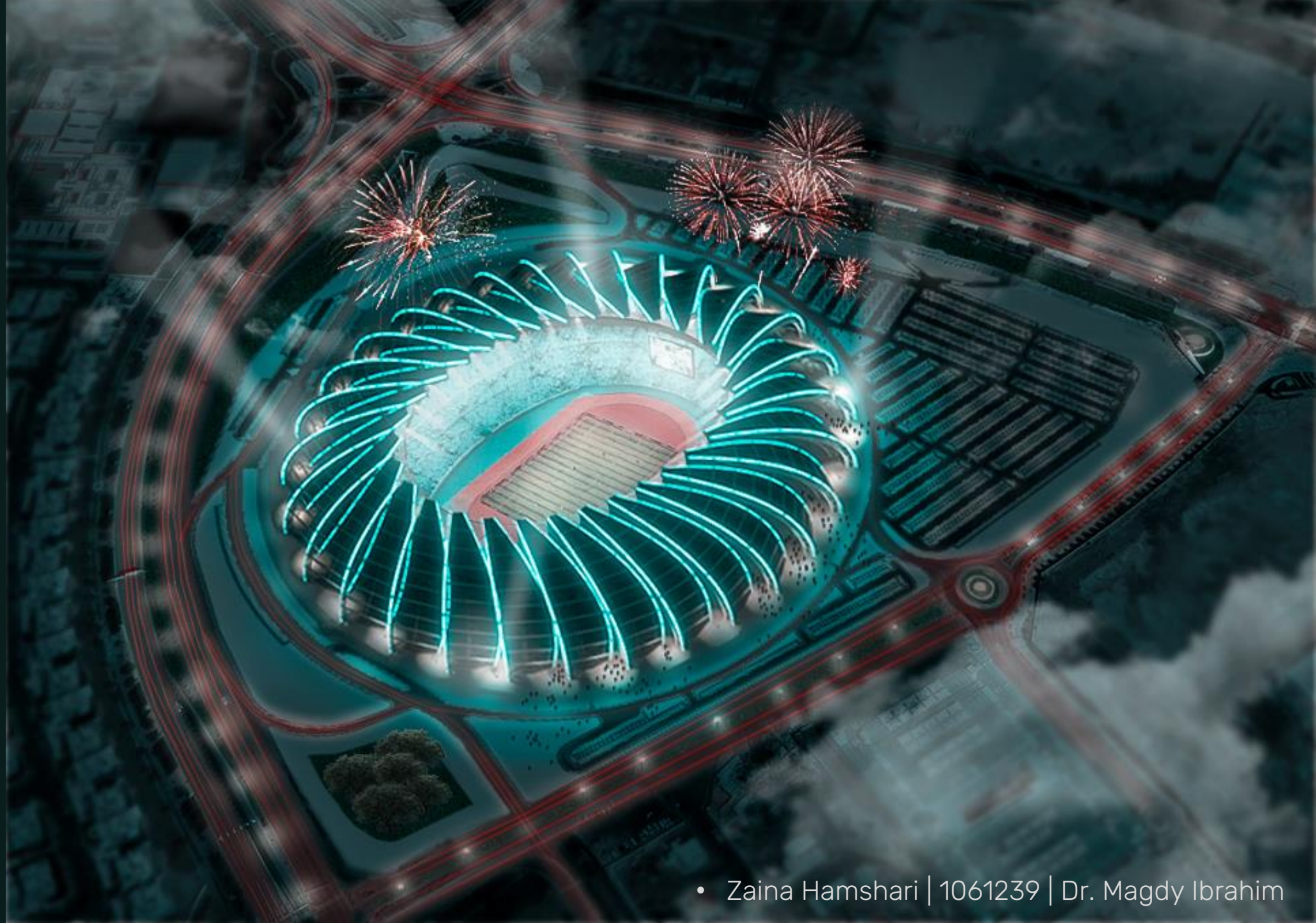


Graduation
Project II
Final
Presentation-
Yas Stadium

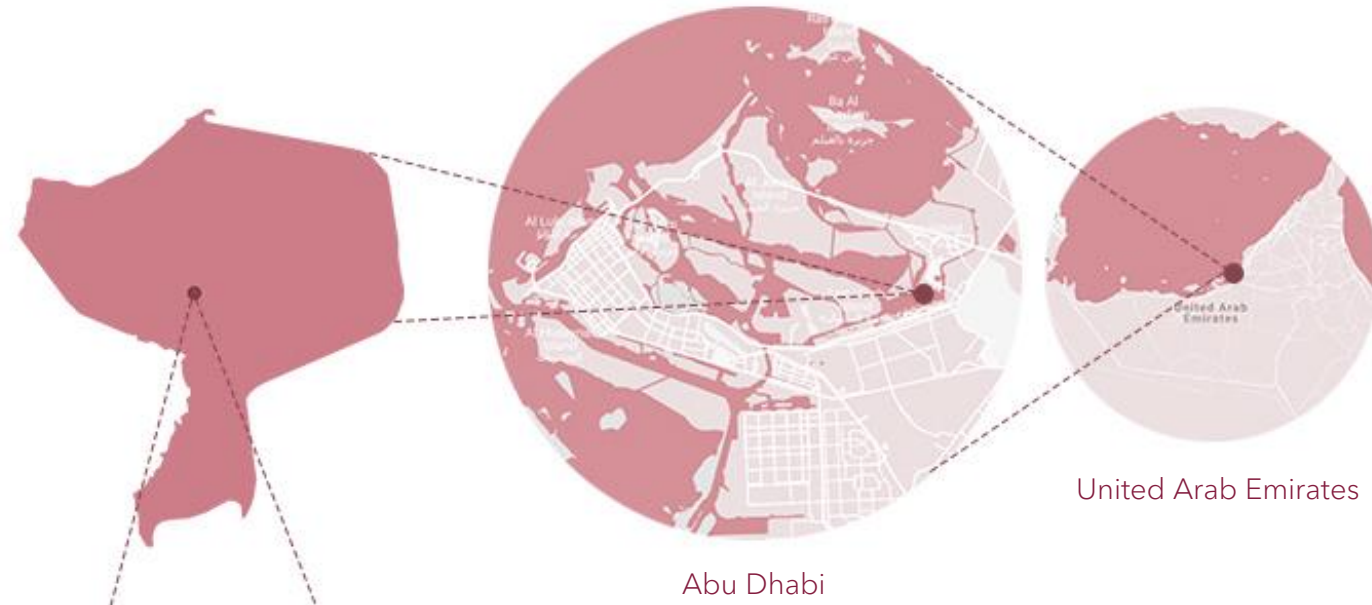


Site Analysis- Yas Island

Site Location & Selection Criteria



The site chosen for this project in Yas Island was selected based on its definition in the 2030 map as a land dedicated for an entertainment facility, which applies to a stadium project. Furthermore, the selected land is, in fact, a 143,214 sqm area, making it a suitable selection for the project's size.



United Arab Emirates

Abu Dhabi

Plot No. C2 Sector No. YS4
 Plot Area= ~143,214 sqm
 Plot Location:
 24° 29' 36.100" N
 54° 35' 38.025" E



Note: These plans represent themes to be refined in further planning and design. Land use, other patterns, and other elements in all areas are conditional, and to be subjected to detailed evaluation and confirmation. Users are recommended to consult the relevant authorities for specific site or area.

Concept

Keyword- Phyllotaxis

Phyllotaxis

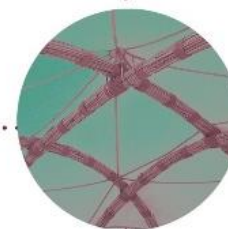
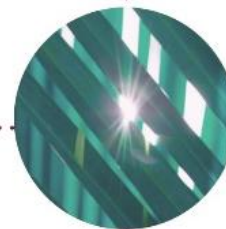
Is the study of plant geometry – the various strategies plants use to grow and spread, their fruit, leaves, petals, seeds, etc.



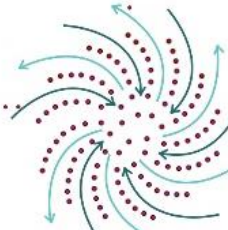
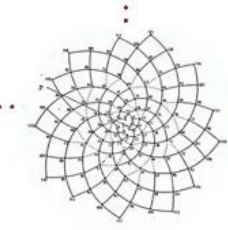
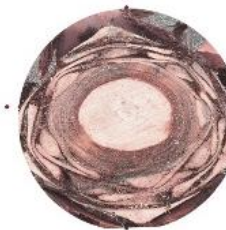
Concept *Diagram*



Komorebi -木漏れ日



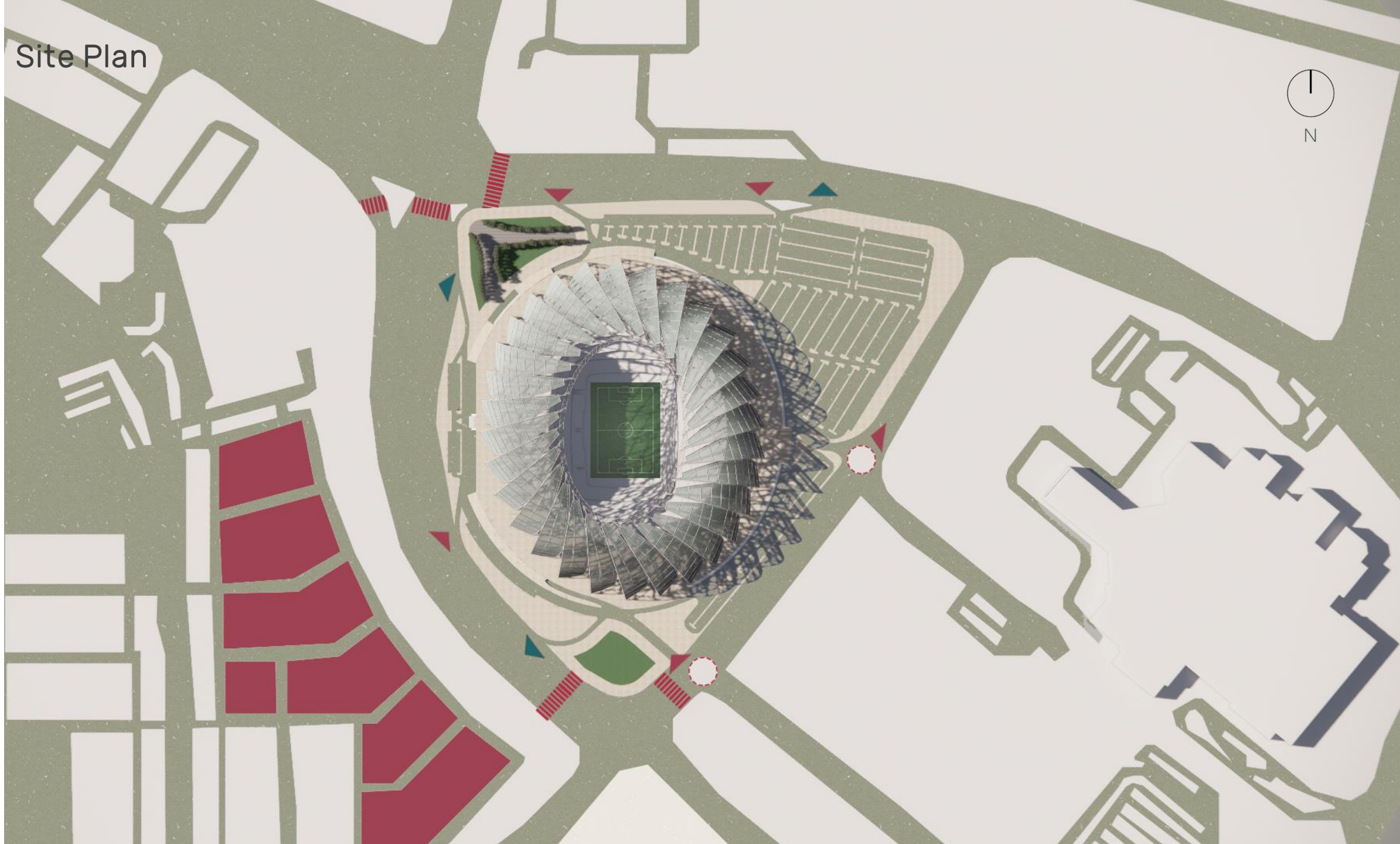
Phyllotaxis



Connectivity & Shade

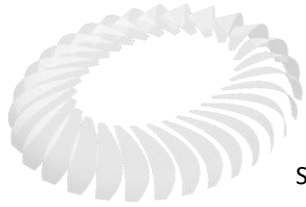


Site Plan

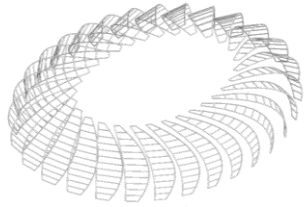


Concept

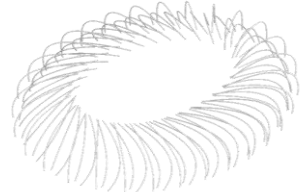
Shell Structure



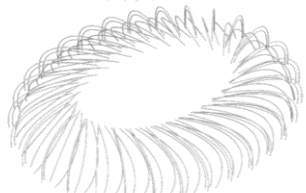
Stretched Fabric



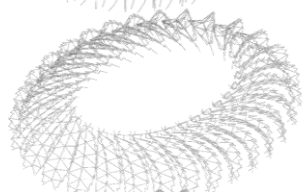
Horizontal Bracing



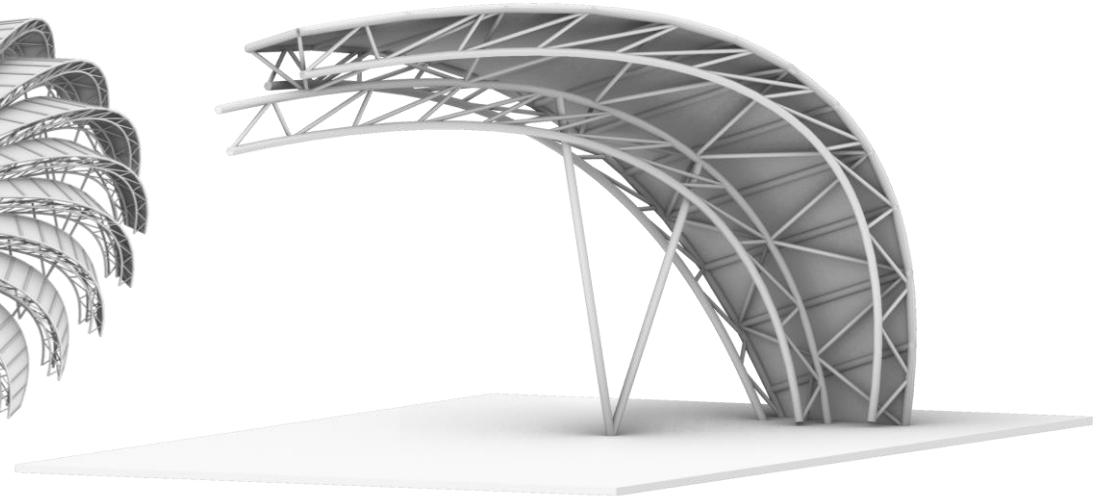
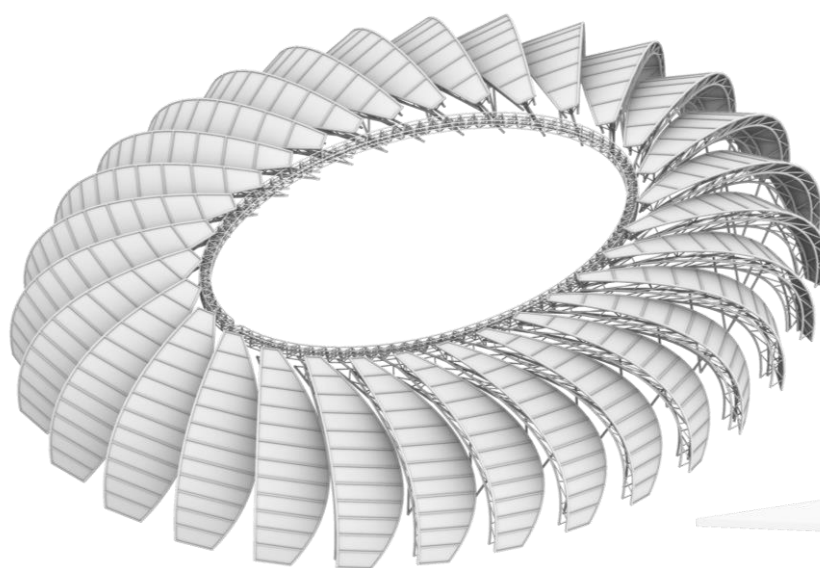
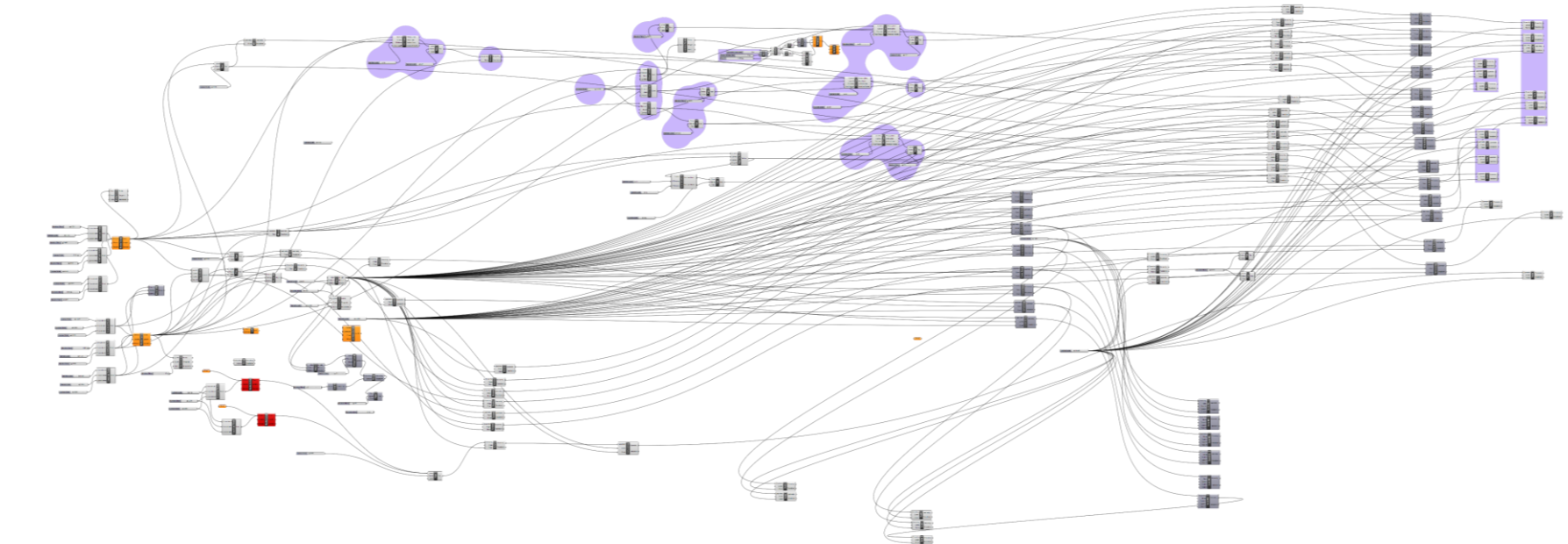
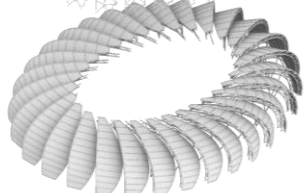
Main Skeleton Structure

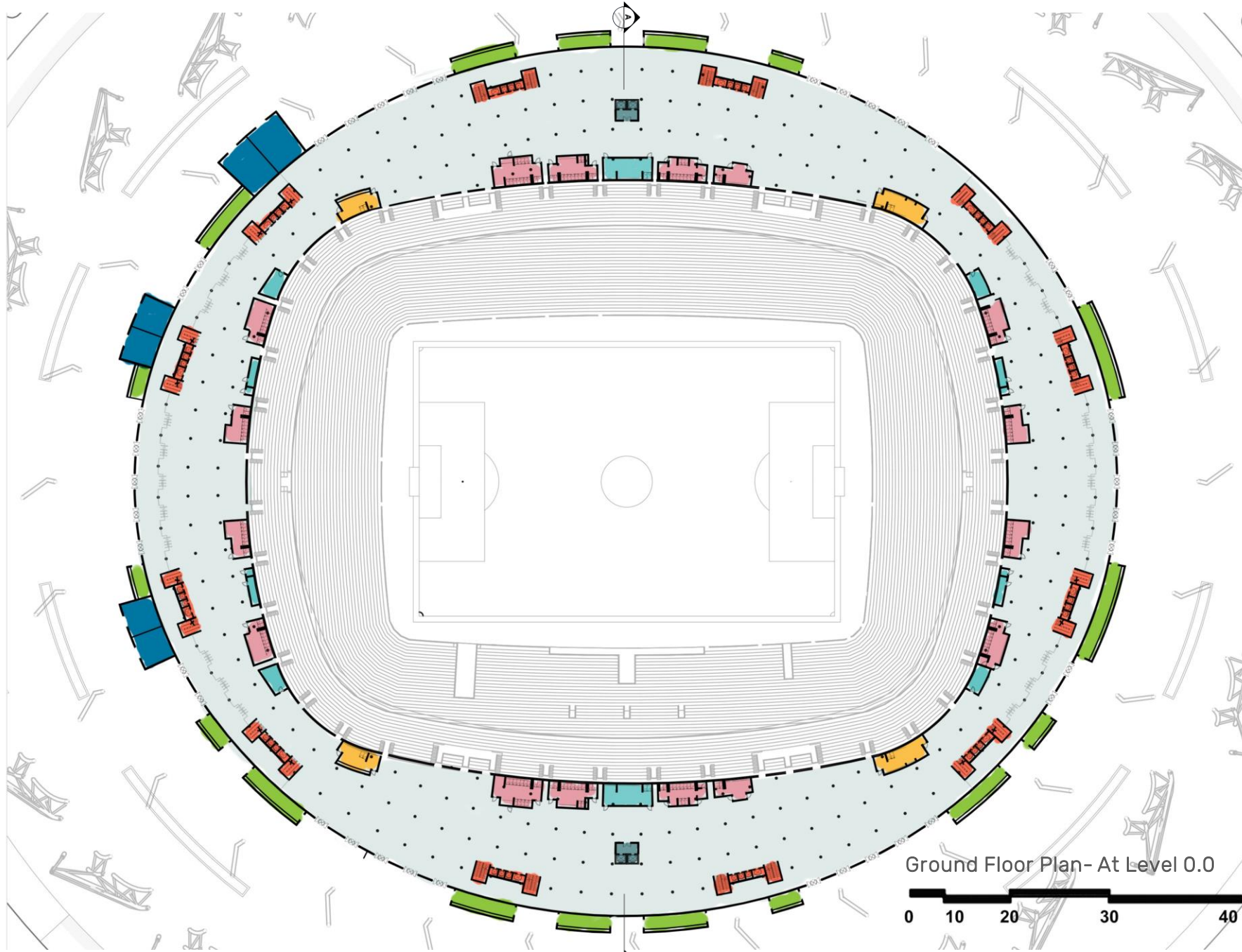


Inner Skeleton Structure



Space Frame Structure

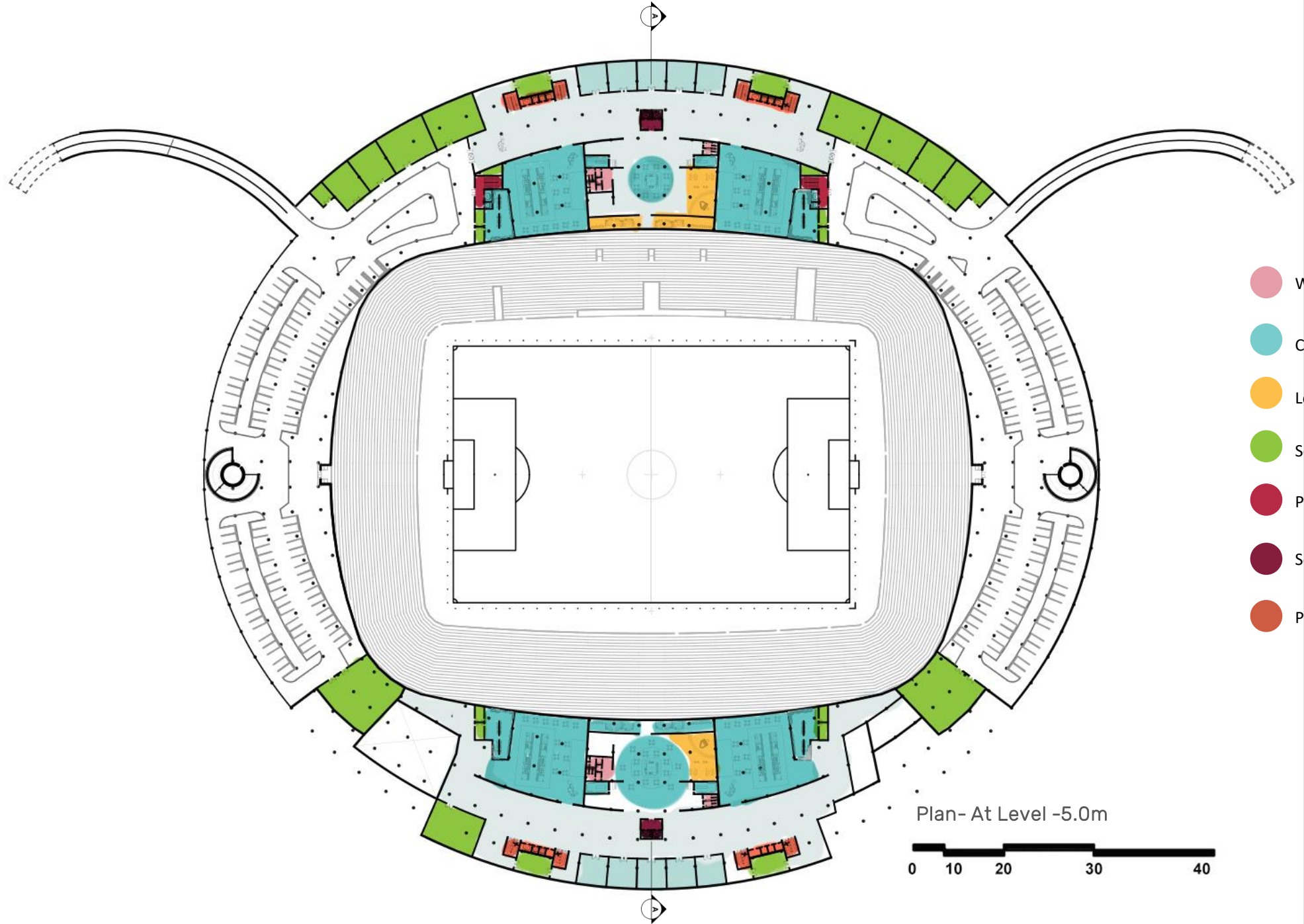




- WC
- Café/Refreshments
- First Aid
- Ticketing
- Merchandise
- Services Elevator
- Vertical Circulation

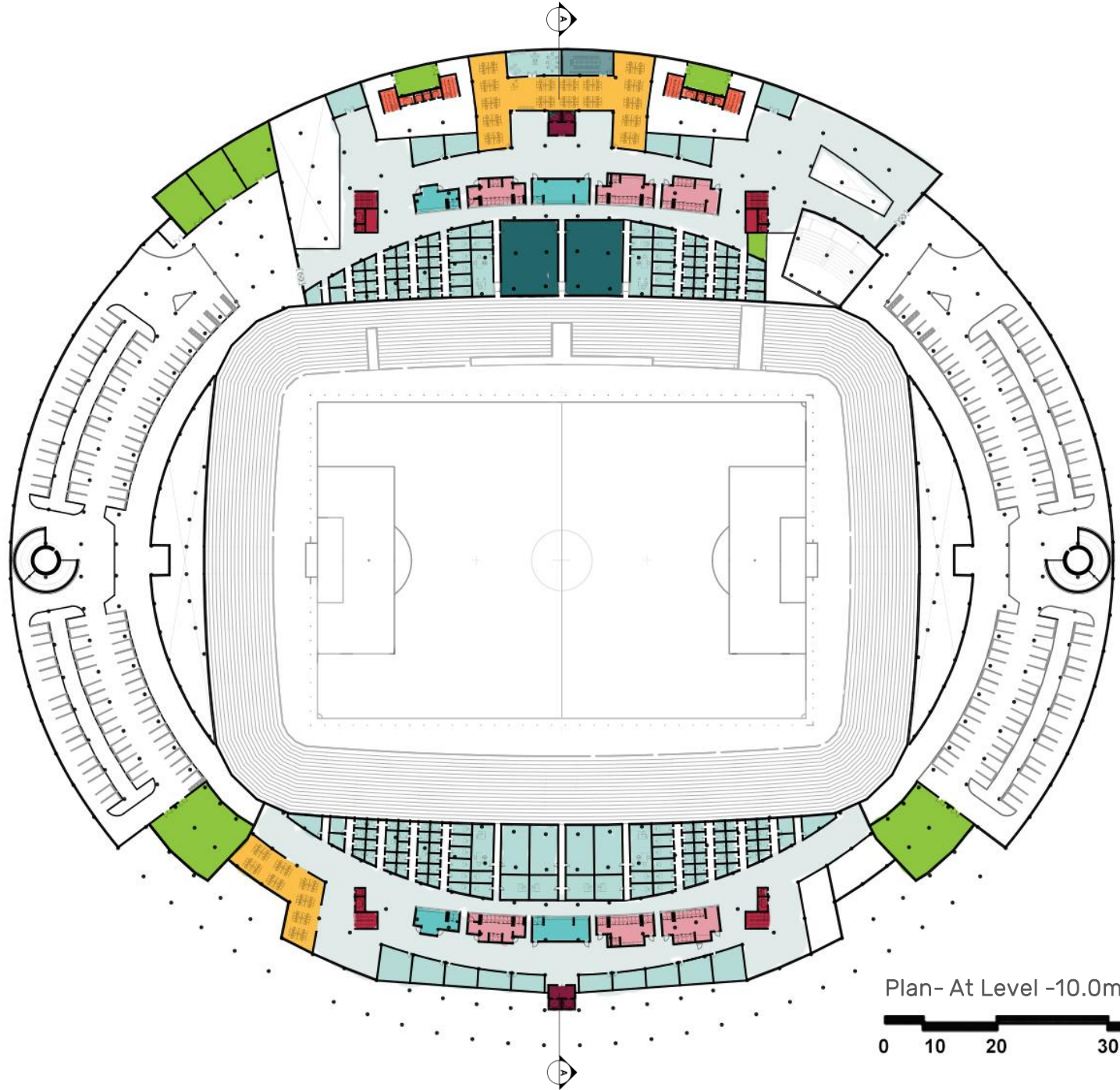
Ground Floor Plan- At Level 0.0





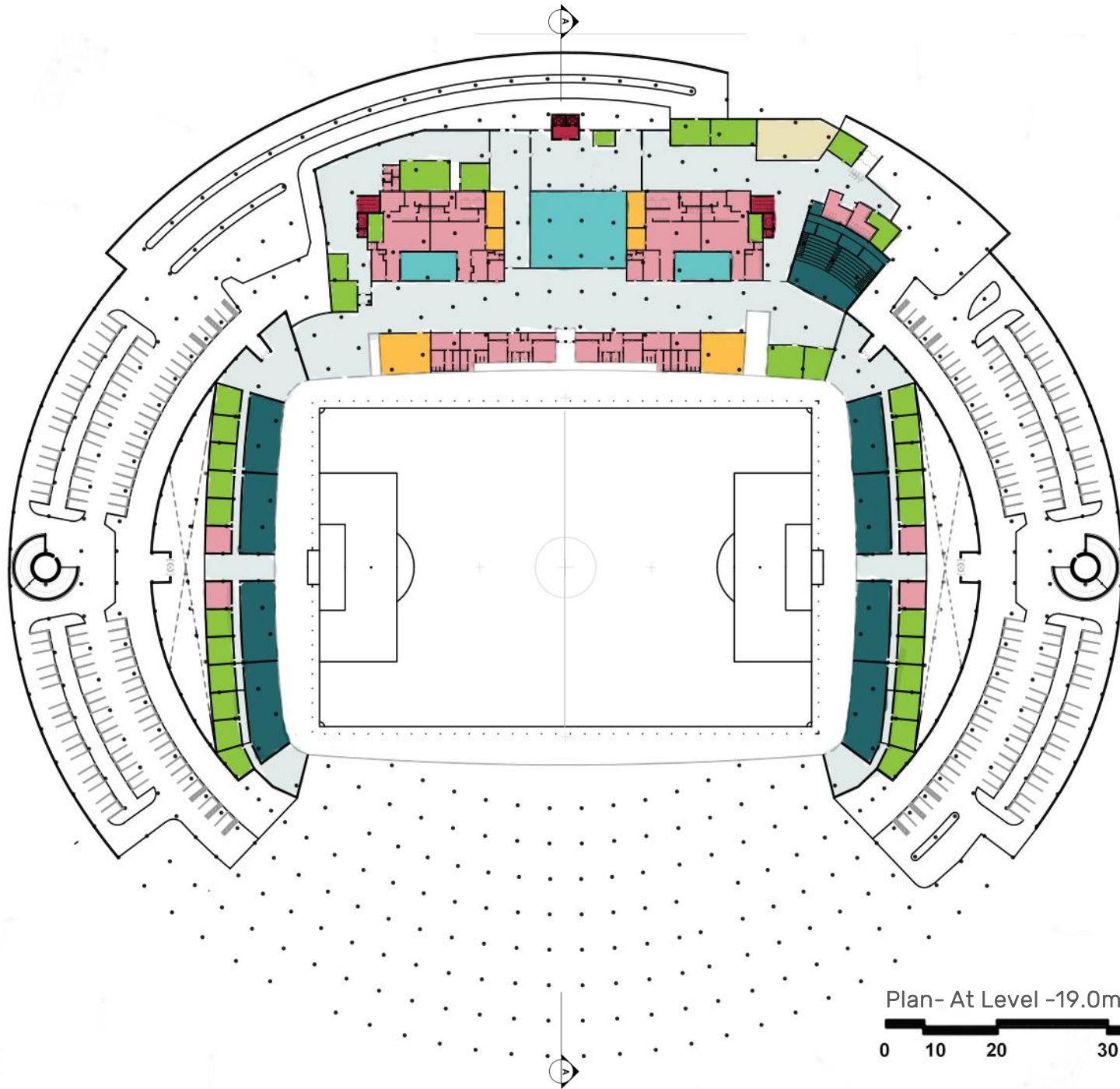
- WC
- Café/Restaurant
- Lounges
- Services/Mechanical Room
- Private Vertical Circulation
- Services Elevator
- Public Vertical Circulation

Plan- At Level -5.0m



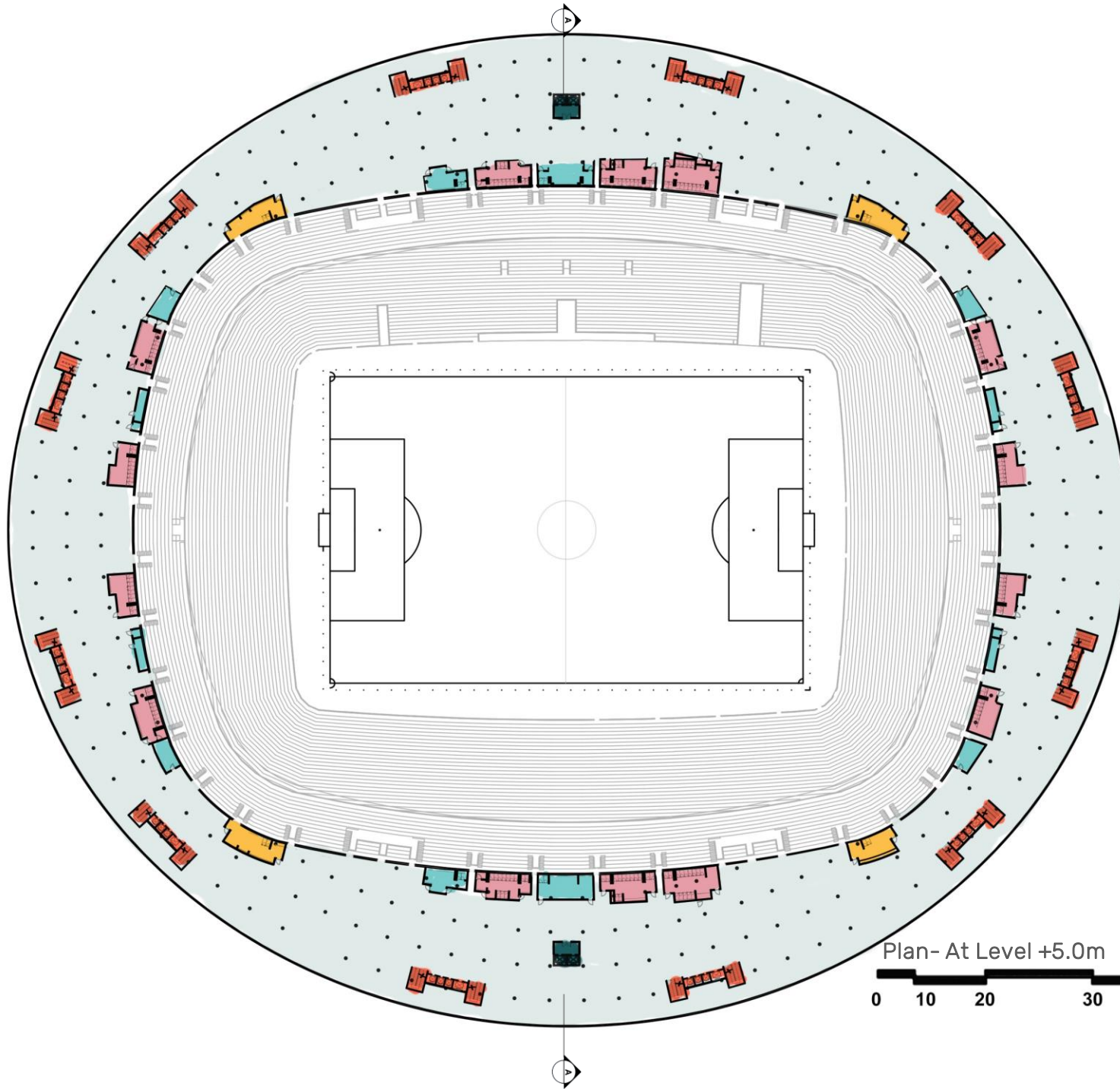
- WC
- Café/Restaurant
- Open Offices area
- Services/Mechanical Room
- Private Vertical Circulation
- Services Elevator
- Public Vertical Circulation

Plan- At Level -10.0m



- WC
- Meeting Room/ Warm Up Area
- First Aid/ Massage Room
- Services/Mechanical Room
- Private Vertical Circulation
- Services Elevator
- Cafe

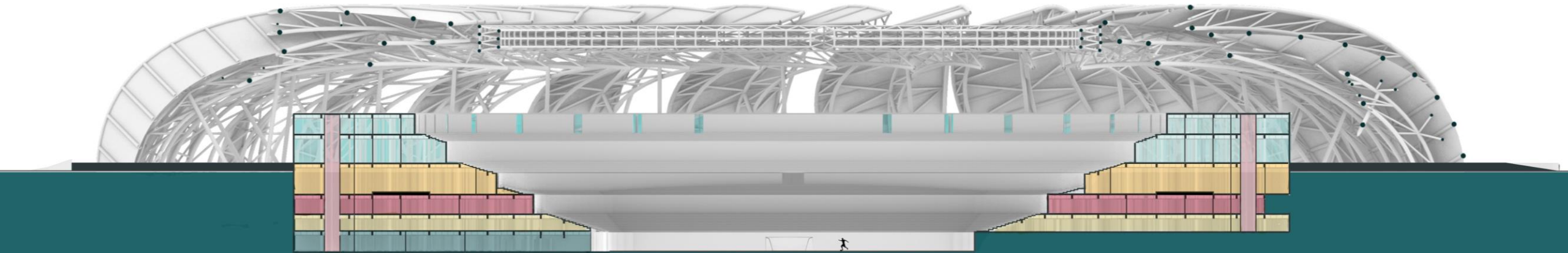
Plan- At Level -19.0m



- WC
- Café/Restaurant
- First Aid
- Services Elevator
- Public Vertical Circulation

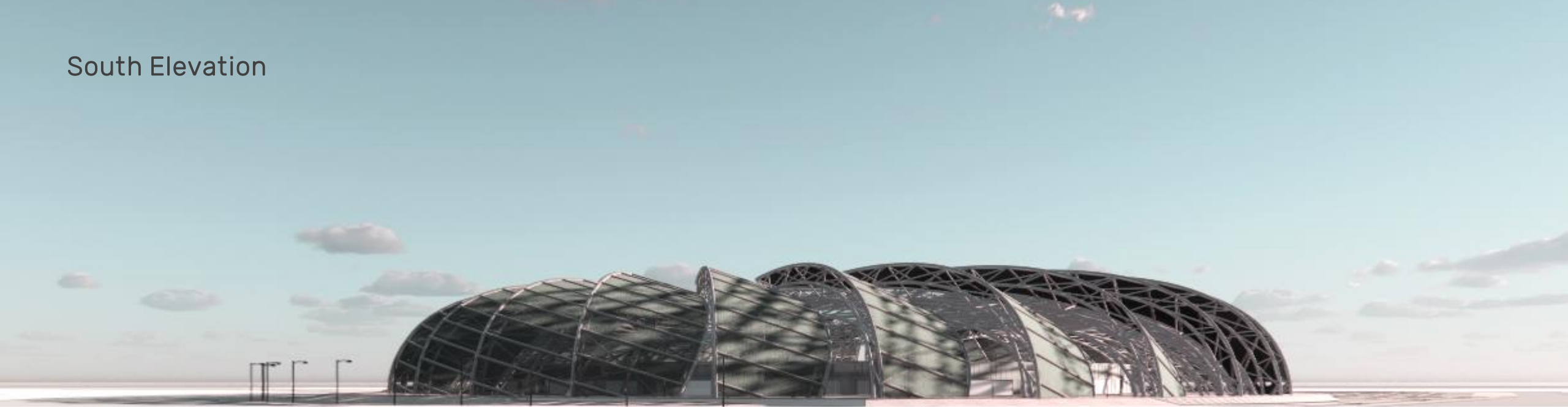
Plan- At Level +5.0m

Section A-A

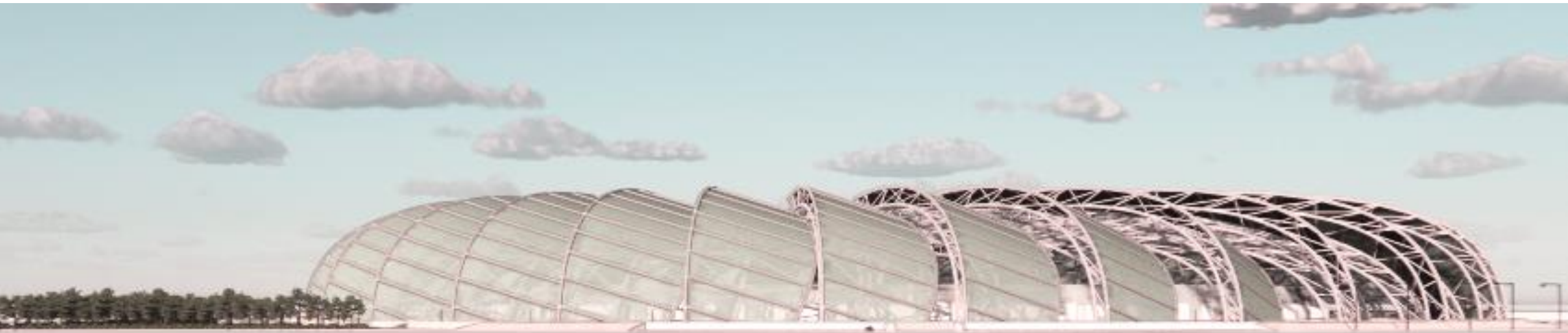


- Public
- VIP
- Offices
- Mechanical Area
- Playing Teams Area

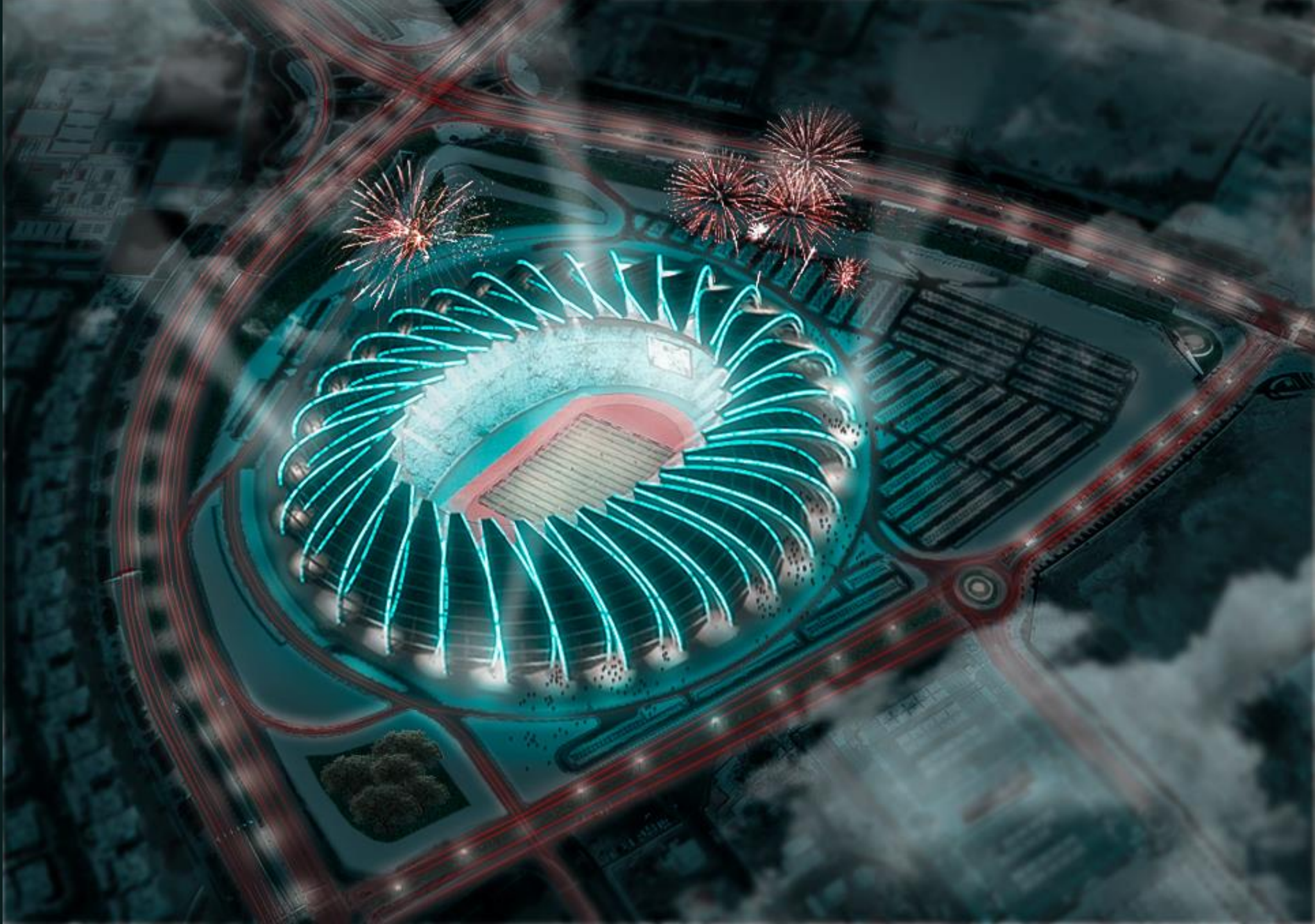
South Elevation



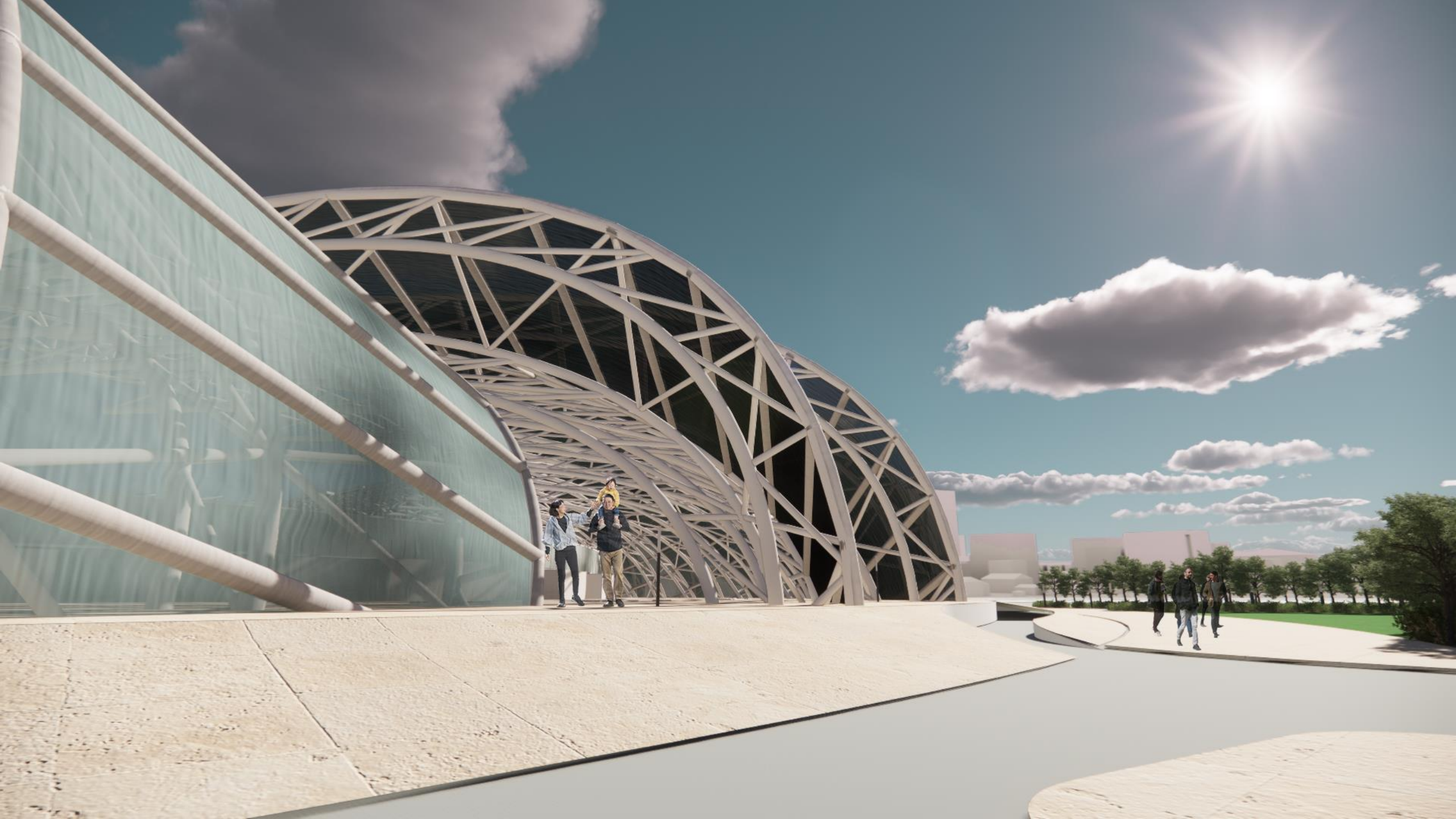
West Elevation

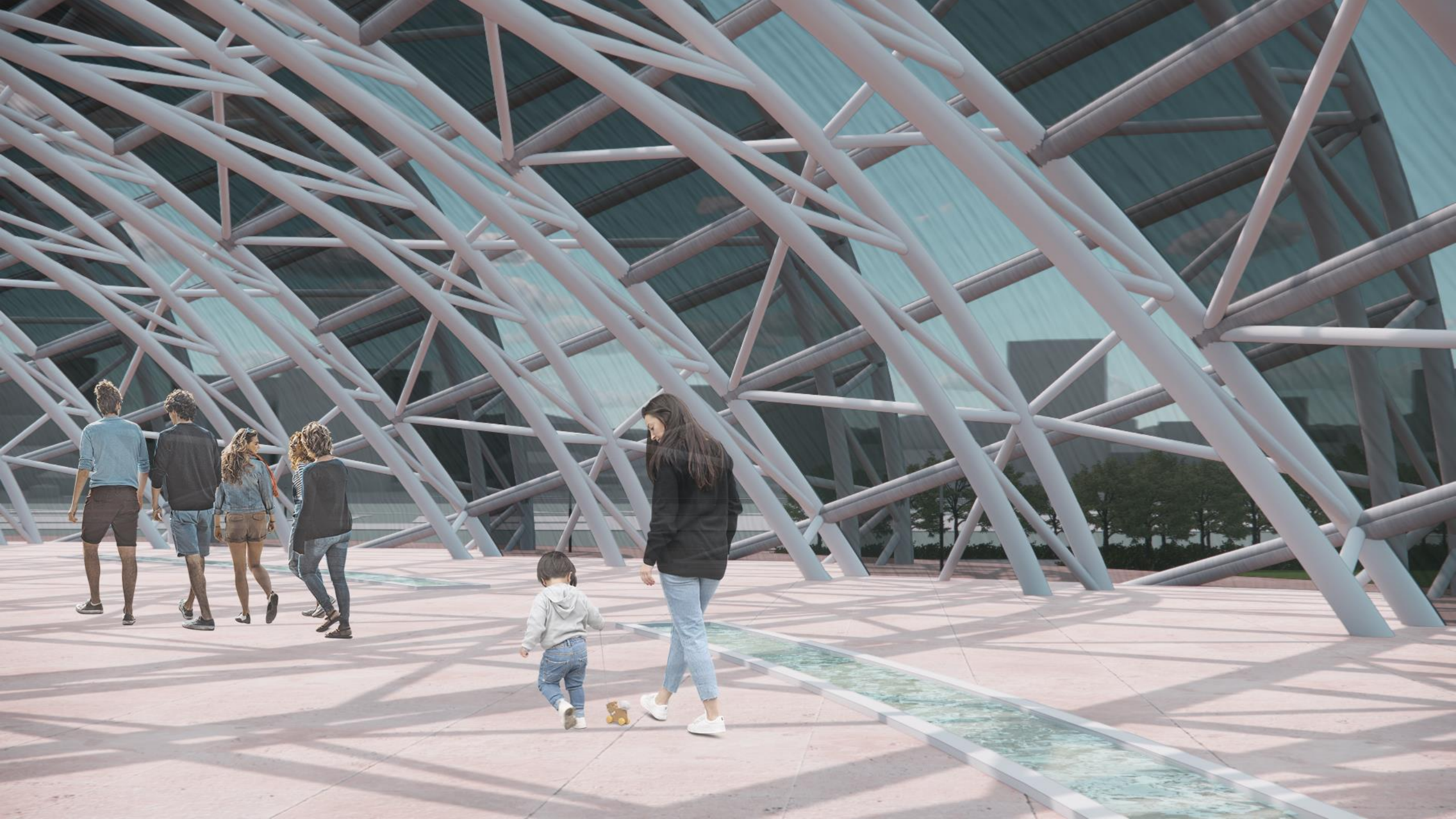


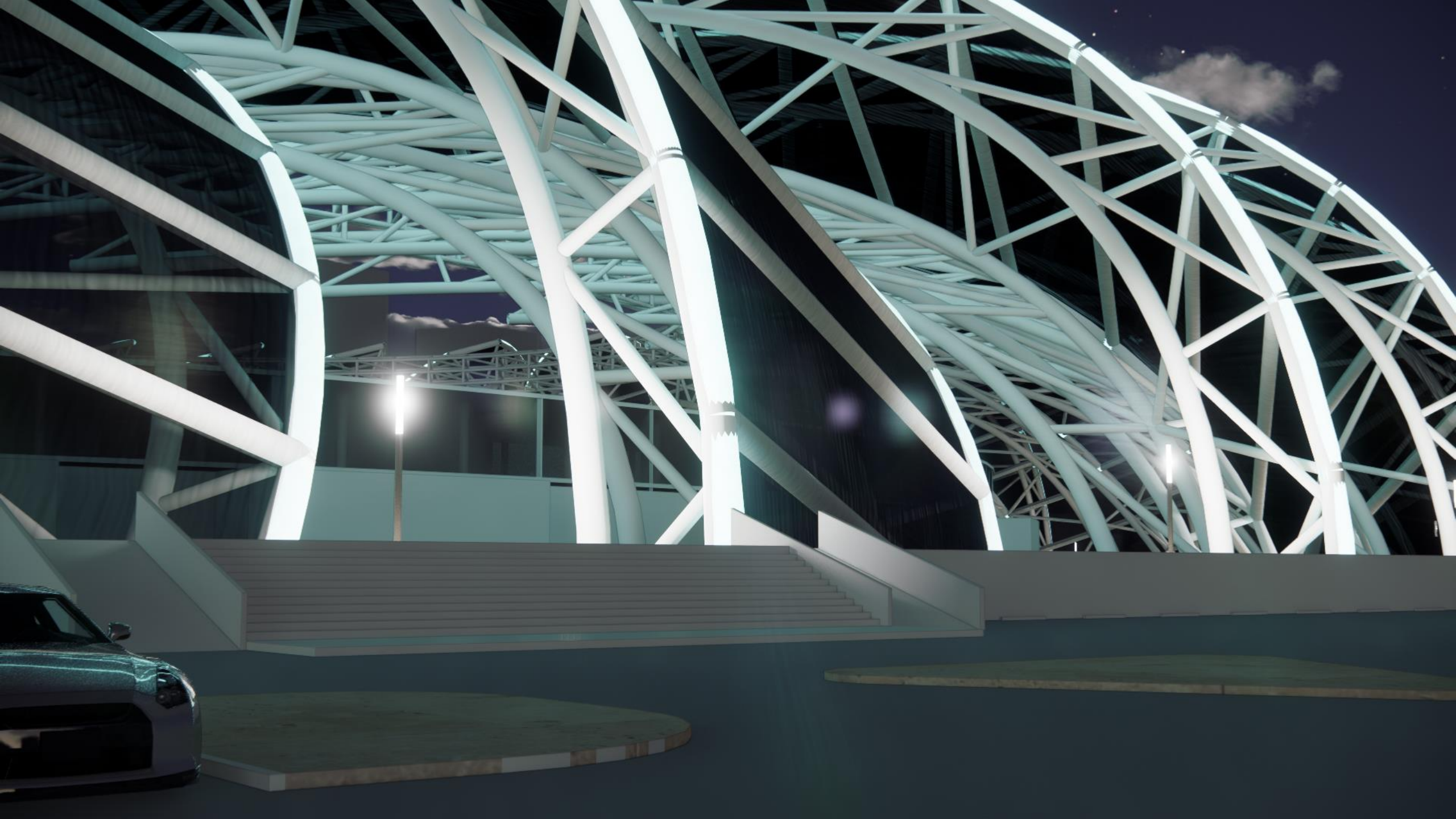
Perspectives













Thank you