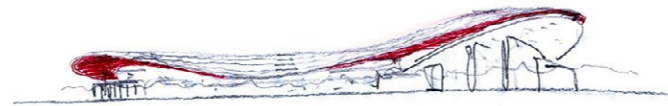
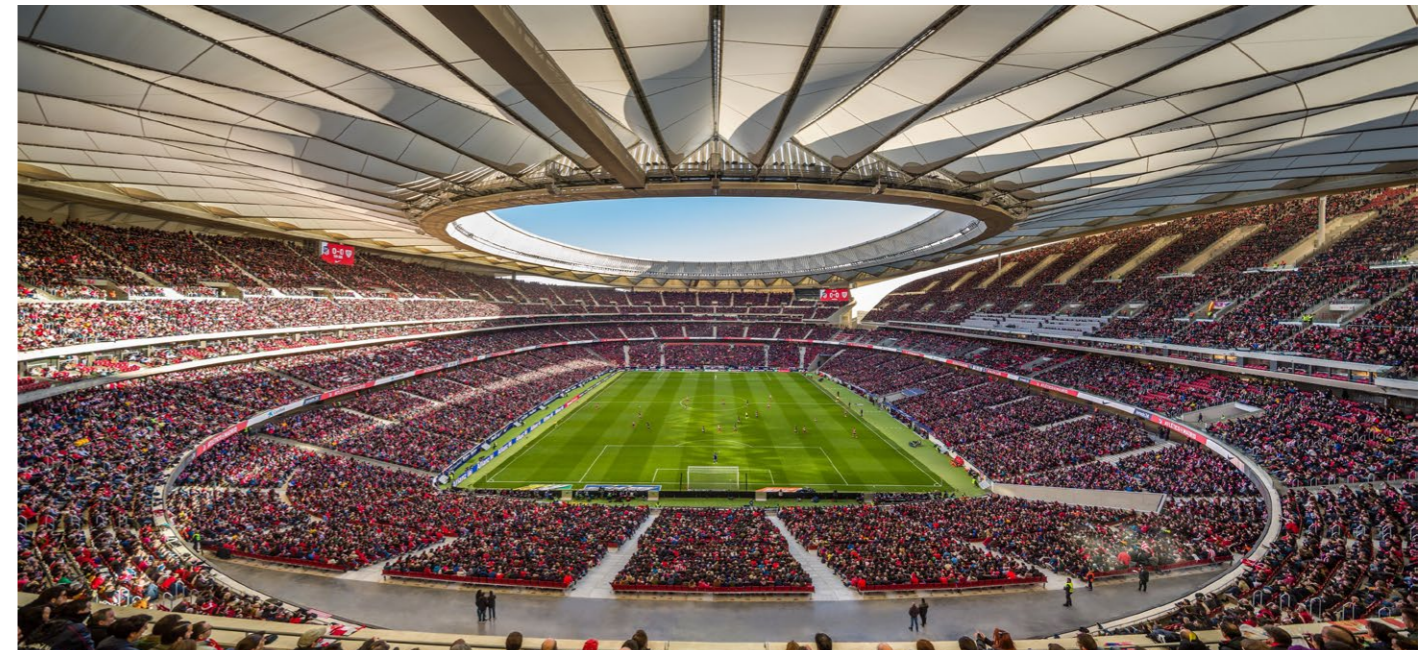


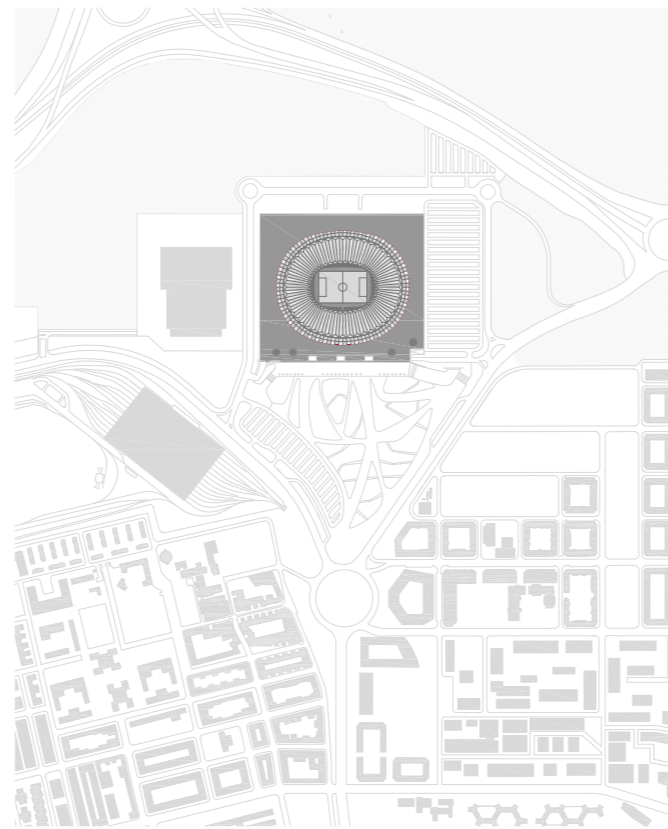
'Wanda Metropolitano' football Stadium of Club Atlético de Madrid



Madrid, Spain



Publication's title:	'Wanda Metropolitano' football Stadium, Madrid
Typology:	Sport and Leisure
Client:	Club del Atlético de Madrid
Surface:	194.640 m ²
Spectators:	70.000 (VIPs: 7.000)
Year:	2010-2017
Status:	Built



REPORT

The new Club Atlético de Madrid Stadium 'Wanda Metropolitano' is the result of the expansion of the old Athletics Stadium of the Community of Madrid, completed in 1994. The project consists of building a football stadium capable of obtaining the highest qualification that allowed it to host European final competitions, and an approximate capacity of 70,000 spectators.

A double objective is achieved with this extension: on one hand, the recognizable image of the previous grandstand was not lost, and on the other, the extension formed a harmonious whole within the old project. The objective is to avoid the new building to be the sum of two different parts. On the contrary, it has sought to achieve a synthesis, a sum of both parts that together would represent the new image of Club Atlético de Madrid.

The use of concrete contributes to the uniformity and homogeneity sought, since it is not only responsible for bearing the structure of the stands, but also for its final appearance. The new stands use the same motif of the initial stand: the narrow horizontal gaps. On the bodies built in concrete, the roof, another great gesture that unifies the whole, and is responsible for the new image that is intended.

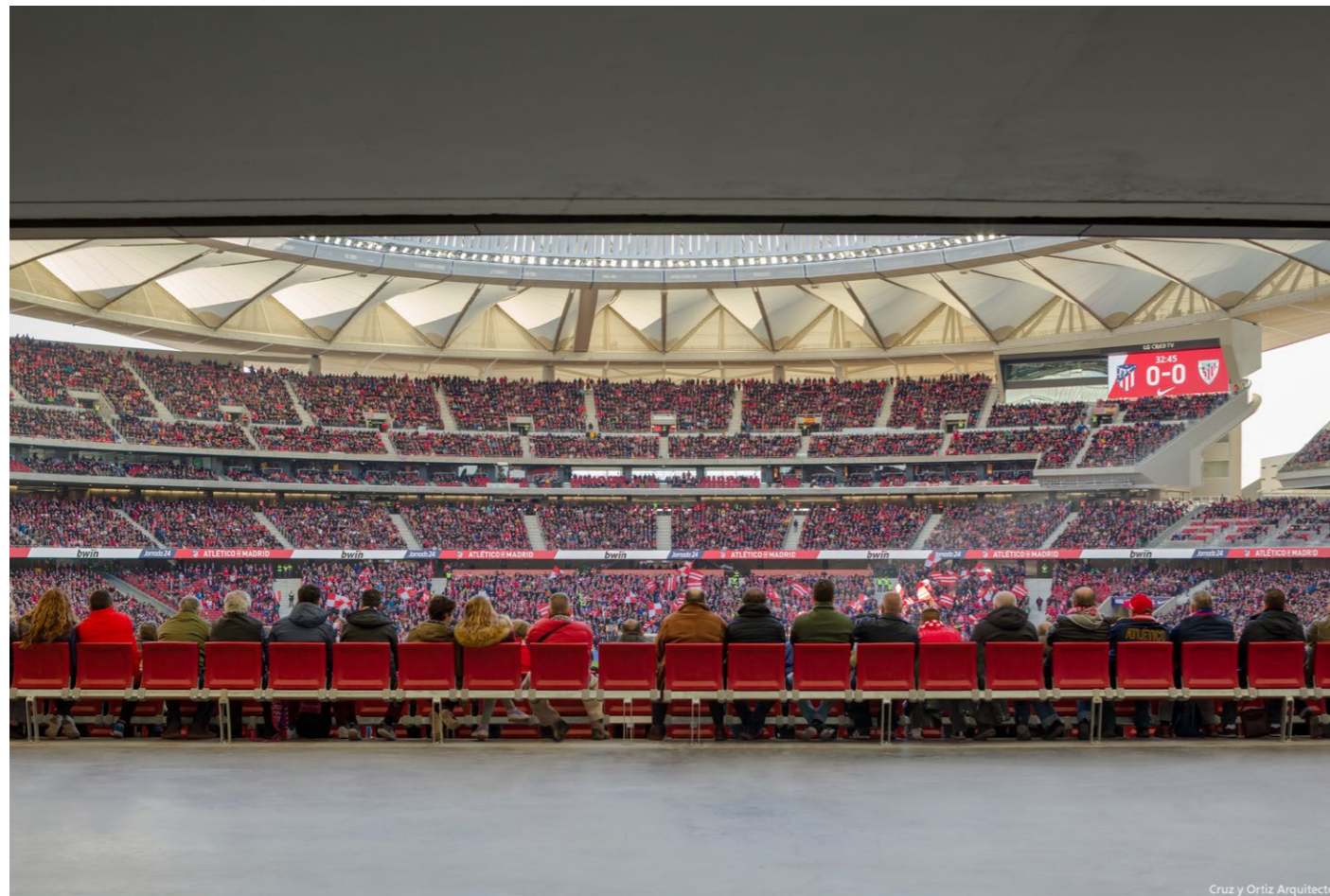
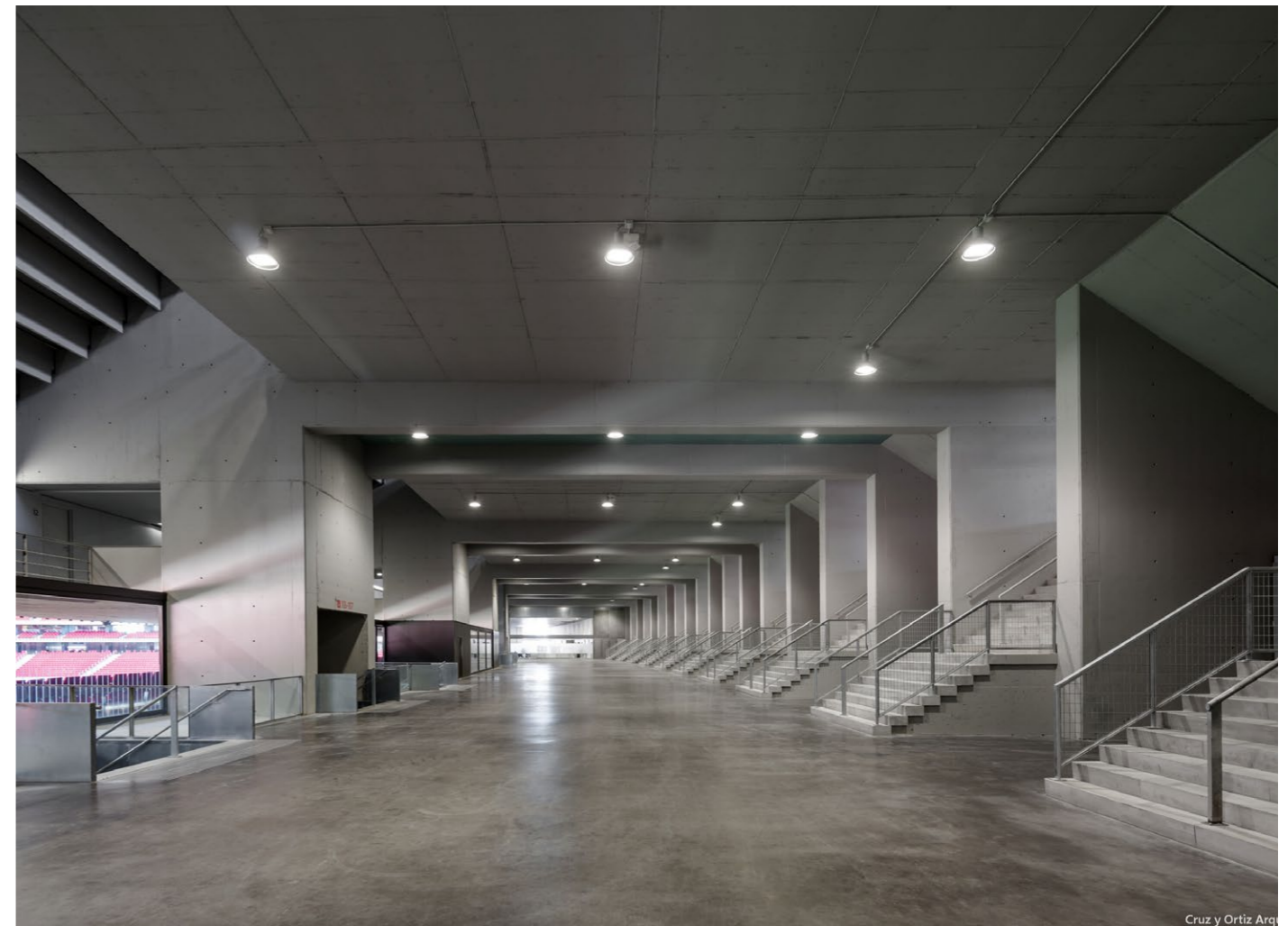


Aerial Views

General Exterior Views

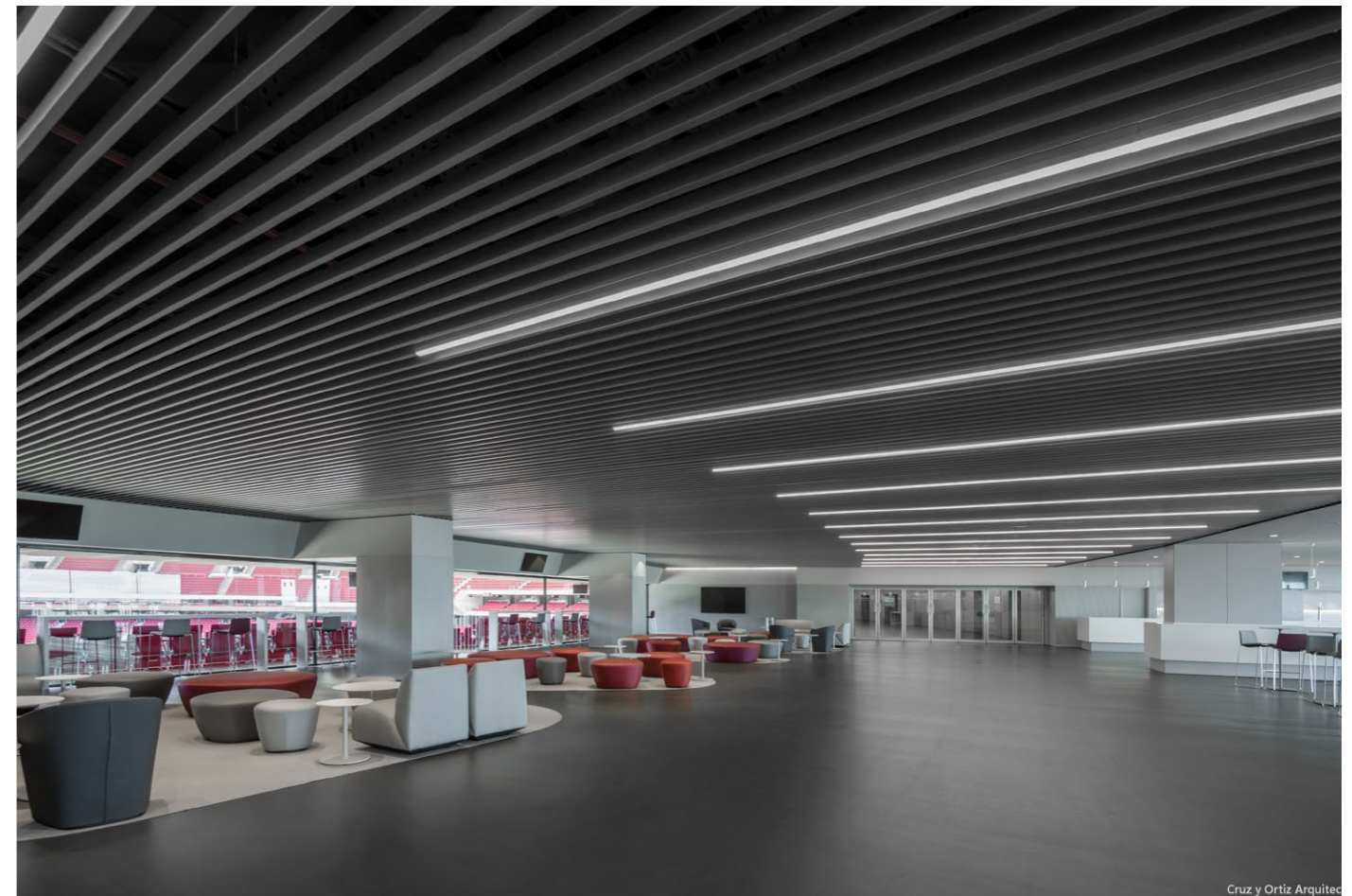




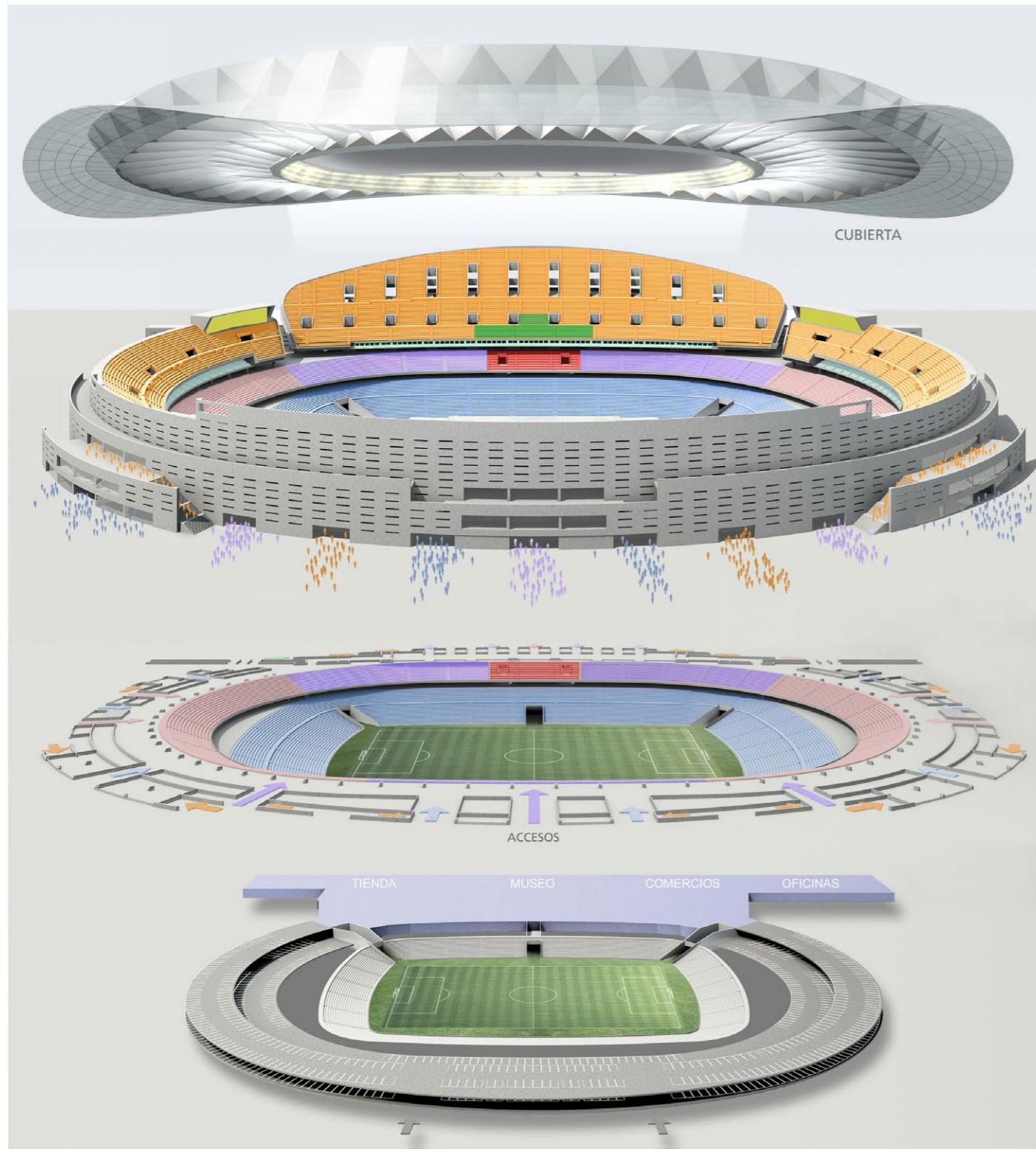




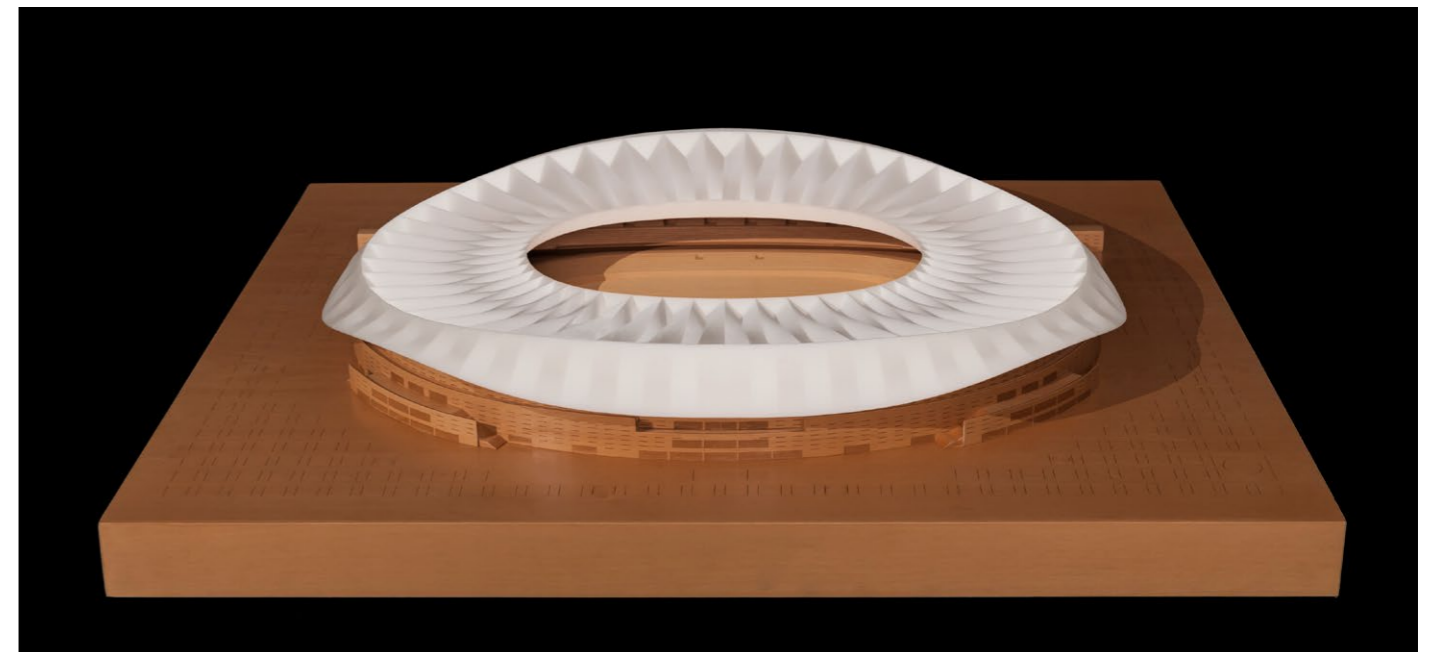
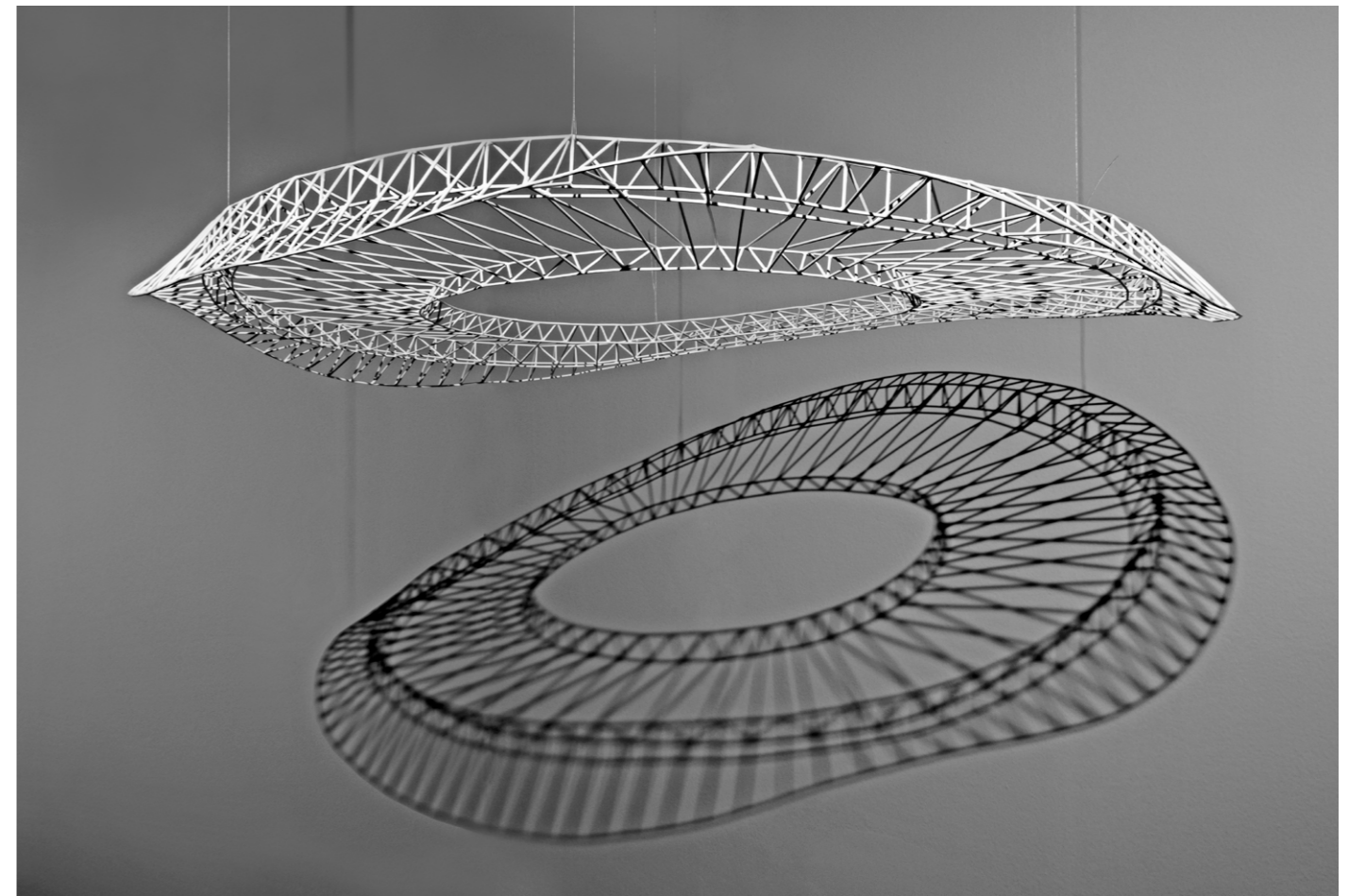
Cruz y Ortiz Arq



Cruz y Ortiz Arquitectos

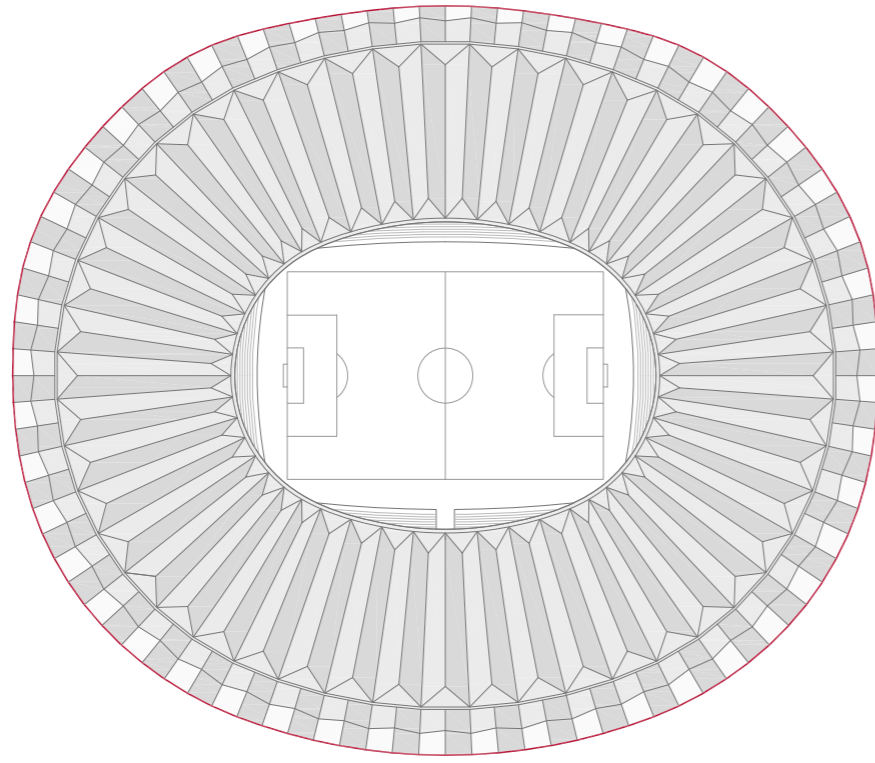


■ PRESIDENCIA	500 espectadores	■ PALCOS	2.200 espectadores	■ GRADERÍO ALTO	30.100 espectadores	■ PRENSA	■ OTROS USOS
■ GRADERÍO VIP	4.300 espectadores	■ GRADERÍO MEDIO	8.100 espectadores	■ GRADERÍO BAJO	22.500 espectadores	■ PARKING	TOTAL 67.700 espectadores

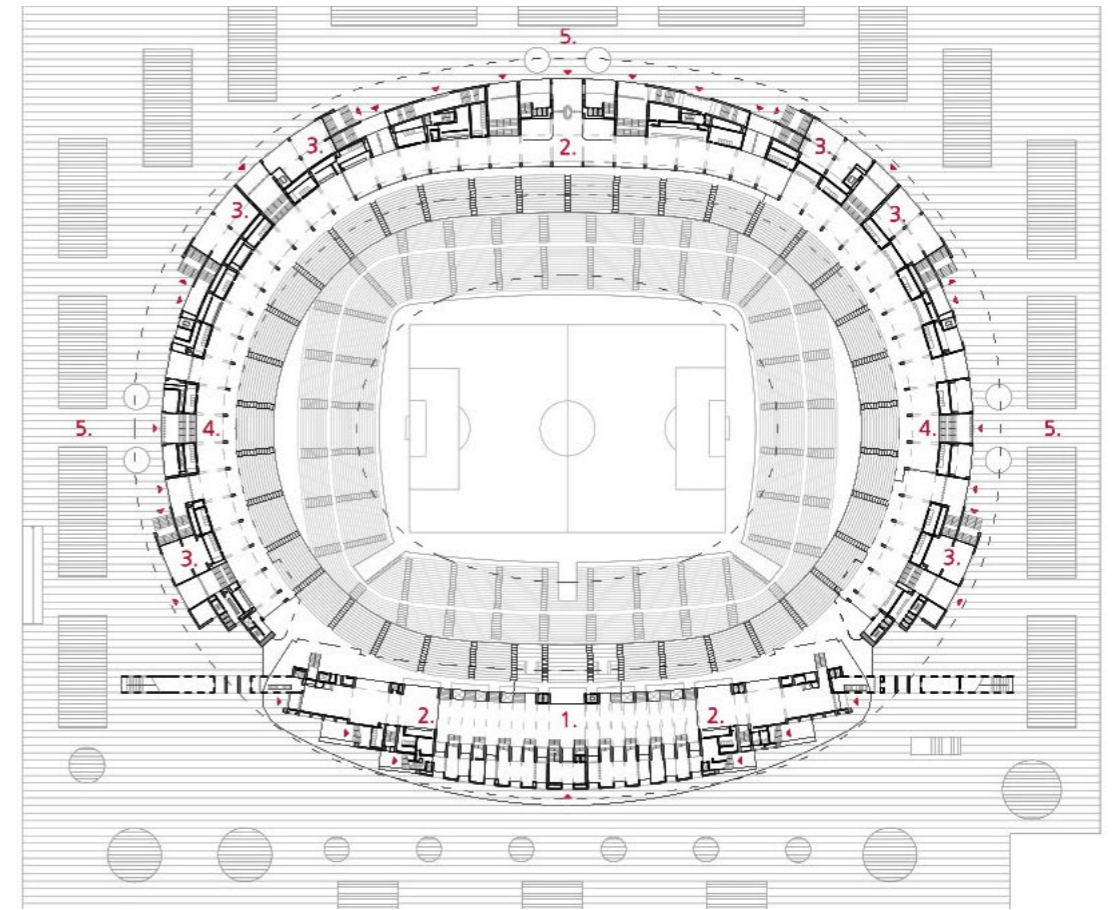


Functional scheme

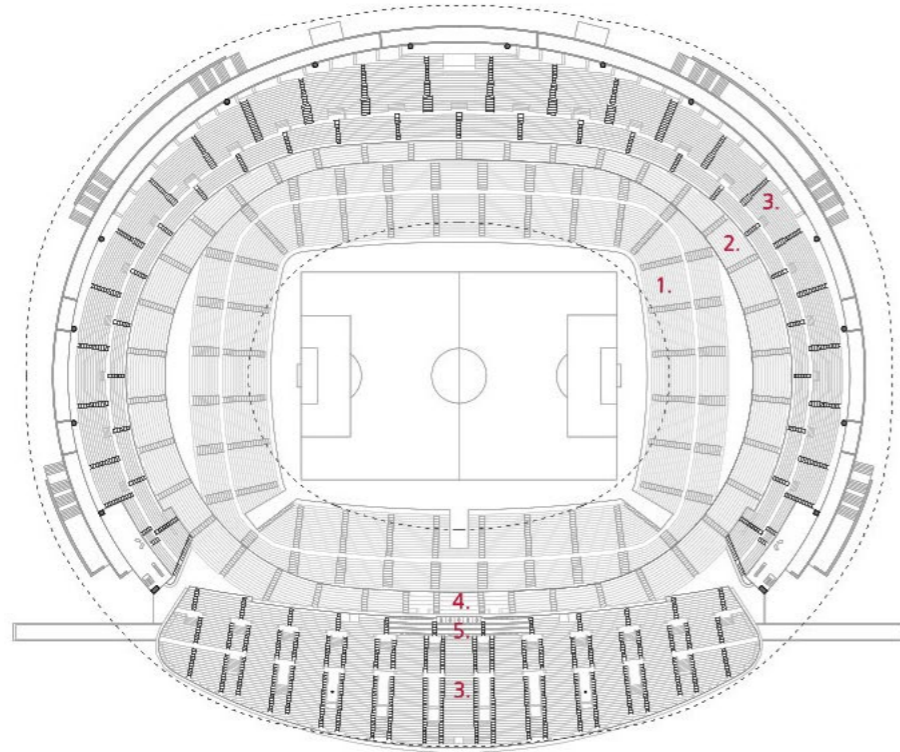
Model



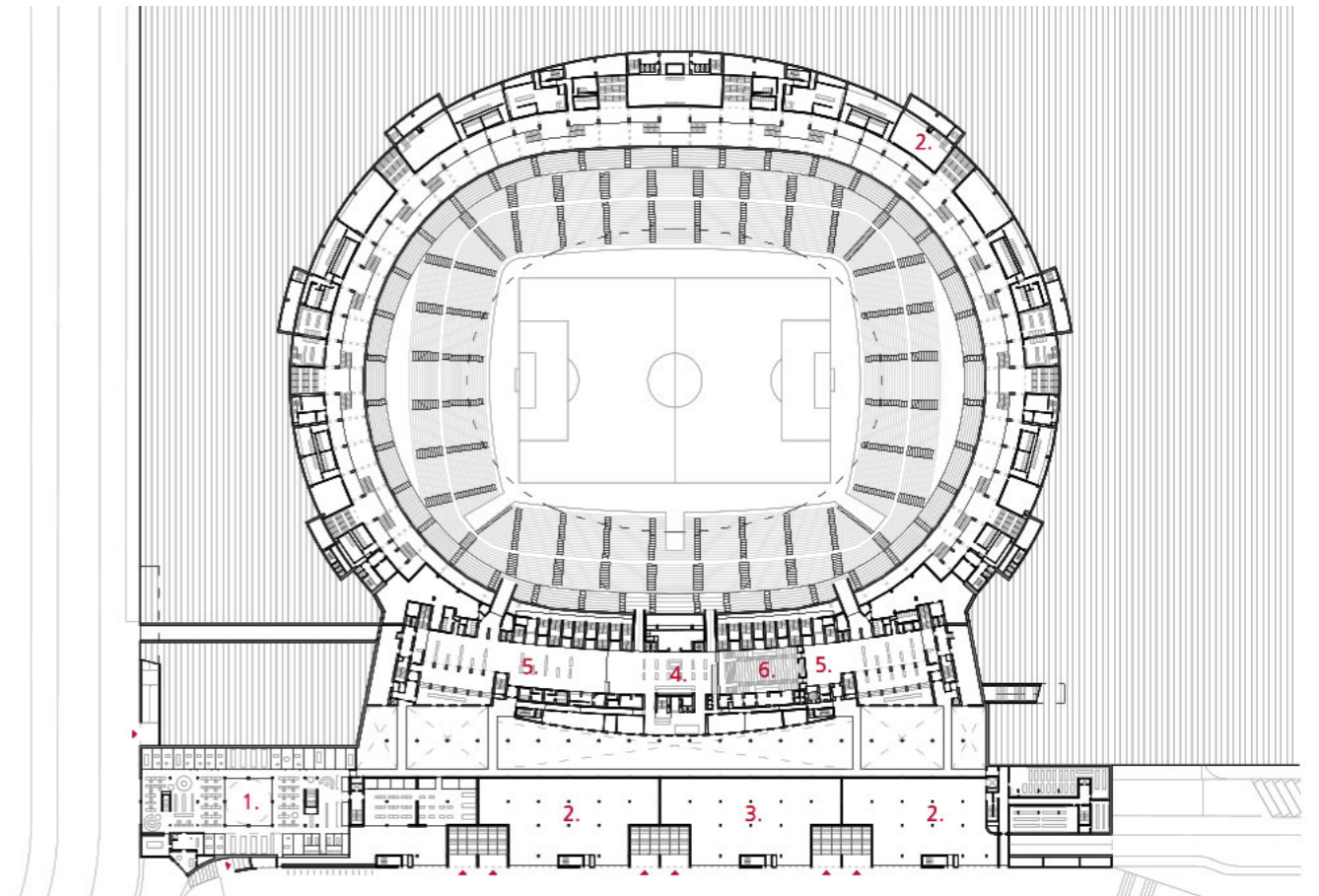
Roof plan



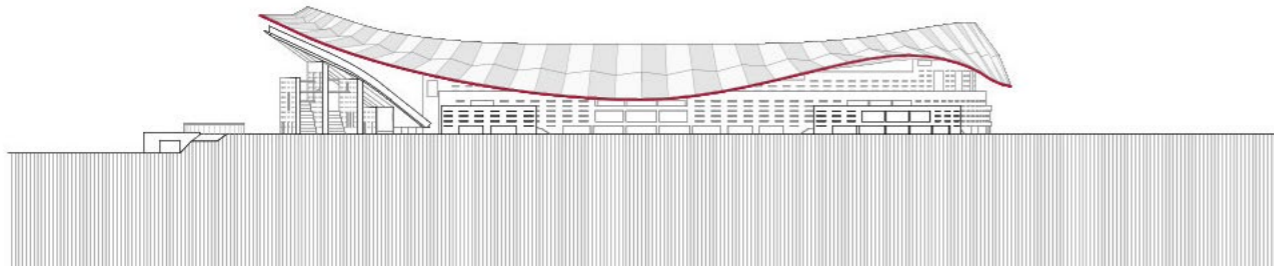
Medium stands plan



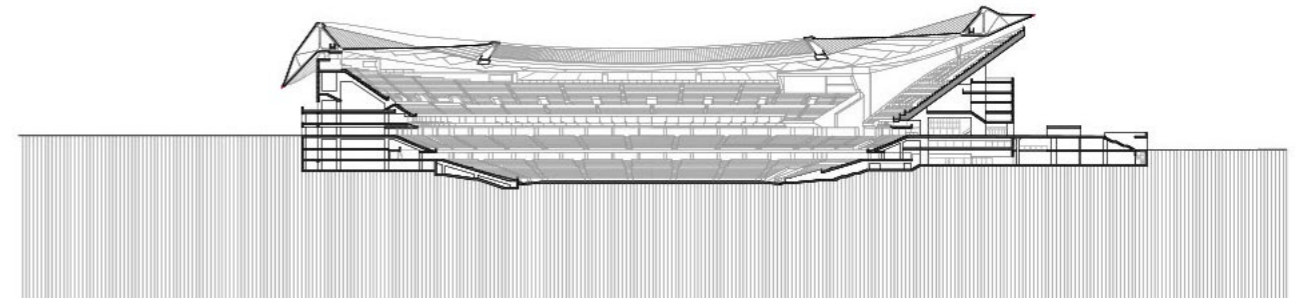
Higher stands plan



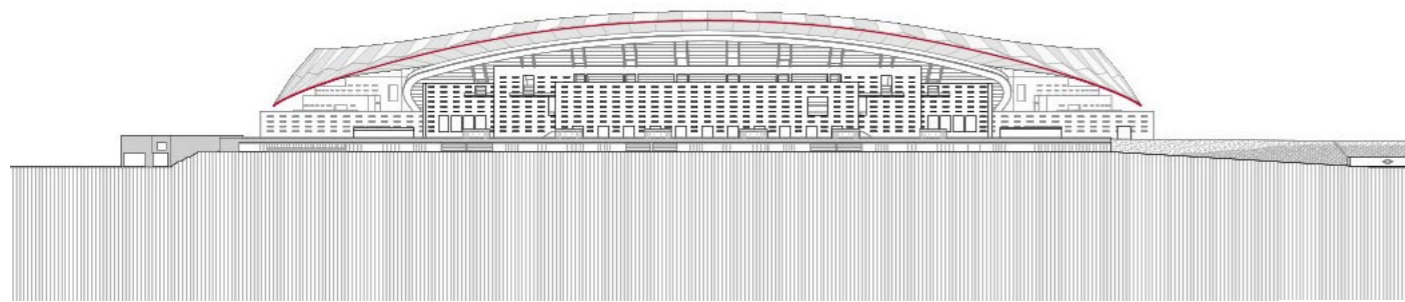
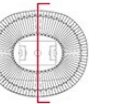
Lower stands plan



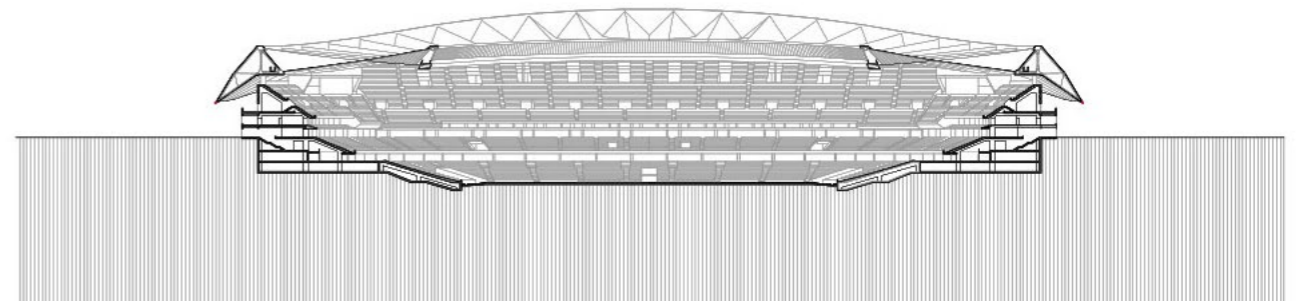
South elevation



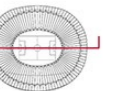
Cross section



West elevation



Longitudinal section



**'Wanda Metropolitano' football Stadium of Club Atlético de Madrid.
Madrid, Spain**

MAIN DATA

Client: Club Atlético de Madrid
Address: Avda. Luis Aragonés, s/n. 28022 Madrid, Spain
Type: Sport and Leisure
Status: Built

DATES

Competition: -
Design of project: 2007-2010
Construction: 2011-2017
Implementation: 2017

SURFACES

Spectators: 70.000 (VIPs: 7.000)
Main building: 147.398 m²
Other spaces: Offices: 6.088 m², commercial: 6.870 m², car park: 34.284 m²
TOTAL: 194.640 m²

PROJECT TEAM

Main Architect: Cruz y Ortiz Arquitectos
Collaborators: Blanca Sánchez (project manager), Teresa Cruz (responsible roof construction), Óscar Mínguez (site manager), David de Cos (building services direction), Giordano Baly (interior designer), Miguel Velasco (fire consultant designer), Sergio Mota, Fco. Javier Moreno, Pablo Ortiz, Rodrigo Ruiz

Interior design: Cruz y Ortiz Arquitectos
Lighting design: Cruz y Ortiz Arquitectos, Philips
Landscape architect: -
Digital imaging: Cruz y Ortiz Arquitectos
Model: Queipo Maquetas
Photography: Pedro Pegenaute (main photographic report) Luís Asín, fotowork (model)

Structural engineering: MC2, Schlaich Bergermann und Partner, Wacker, Geoprin
Climate engineer: Grupo JG
Building physics advisor: Grupo Dinac
Fire safety specialist: Cruz y Ortiz Arquitectos
Health and Safety: Cemosá
Urban planning: Cruz y Ortiz Arquitectos
Survey: Cruz y Ortiz Arquitectos
Site control: Análisis de la Edificación y Construcción
Brand (product): Philips (Lighting), Taiyo Europe-BAT Spain (PTFE roof and cable structure), Saint Gobain (Glasses), Tessa Assa Abloy (Access Control), Cortizo (Carpentry).
Constructor: FCC

AWARDS

- 2017 Demarcación de Madrid award for the best public work, given by the Colegio de Ingenieros de Caminos, Canales y Puertos. Madrid, Spain.
- 2018 'Industry Awards 2018' for the World's Best Stadium, given by the World Football Summit.