

URTZI GRAU, CRISTINA GOBERNA (FAKE INDUSTRIES ARCHITECTURAL AGONISM)

New Velodrome

2012 | *City of Medellin*

Design perspective

Velodromes are infrastructures of limited use, which nonetheless require an enormous technical and economic effort. This project recognizes this paradoxical status, proposing a building that balances the ratio of investment to public use.

The New Velodrome for Medellín synthesizes two seemingly incompatible spatial conditions: an insular, formally specific sports infrastructure; and a permeable, open public space. Public spaces in Medellín are characterized by an intensity of use, often attained with limited investment. This project transforms the typology of the sports facility in order to integrate it into the existing Park of the Wheels precinct, intensifying the public nature of this space and distributing the technical and economic investment along it.

Its value has been attested by the following indicators: first prize in the international competition for a velodrome in Medellín, Colombia; inclusion in the Treatise Exhibition at the Graham Foundation, Chicago, USA and in New Practices New York 2014 exhibition of the AIA New York; and its publication at AV Projectos.



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SEMISOTANO / SEMI-BASEMENT (-2/-4 m.)

- Aparcaderos y Zonas Asociadas/Parking and Associated Areas (-4m.)**
 01. Aparcadero Público/Public Parking
 02. Aparcadero Privado/Private Parking
 03. Carga/Discharge/Loading Dock
 04. Operaciones y Logística/Logistic operations
 05. Cuartos Técnicos/Technical Rooms

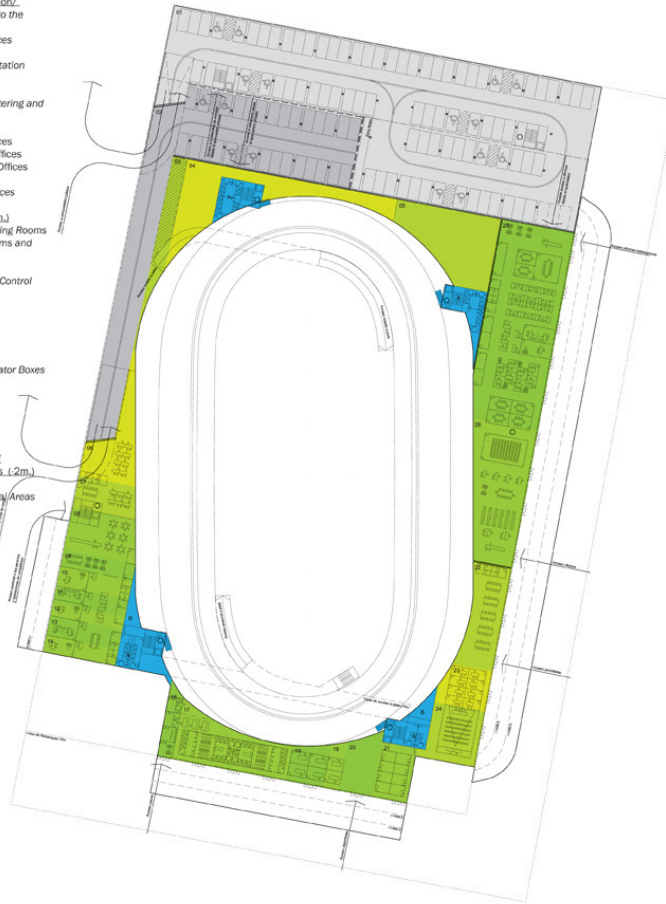
- Servicios y Operaciones de Competición/ Operations and Services Associated to the Competition (-2m.)**
 06. Servicios a la Competición/Services Associated to the Competition
 07. Servicios de Transporte/Transportation Services
 08. Núcleo de Acceso/Access Core
 09. Catering y Zona de Descanso/Catering and Resting Areas
 10. Voluntarios/Volunteers
 11. Dirección General/Director's Offices
 12. Oficina de Operaciones/Staff's Offices
 13. Oficina Federación/Federation's Offices
 14. Dirección/Director's Offices
 15. Organización/Management's Offices

- Zona Deportistas/Athletes Areas (-2m.)**
 16. Camerinos Jueces/Judges' Dressing Rooms
 17. Vestuarios y Baños/Dressing Rooms and Restrooms
 18. Área Médica /Medical Area
 19. Área Control Anti Dopaje/Doping Control Area
 20. Zona Mixta/Mix Area
 21. Boxes/Boxes

- Prensa/Press (-2m.)**
 22. Centro de Medios/Media Centre
 23. Cabinas Comentaristas/Commentator Boxes
 24. Sala de Prensa/News Room

- Oficinas/Offices (-2m.)**
 25. Metroparques / Metroparques
 26. Oficinas/General Offices

- Baños y Área Médica para el Público/ Public Rest Rooms and Medical Areas (-2m.)**
 A. Baños Públicos/Public Rest rooms
 B. Área Médica Público/Public Medical Areas



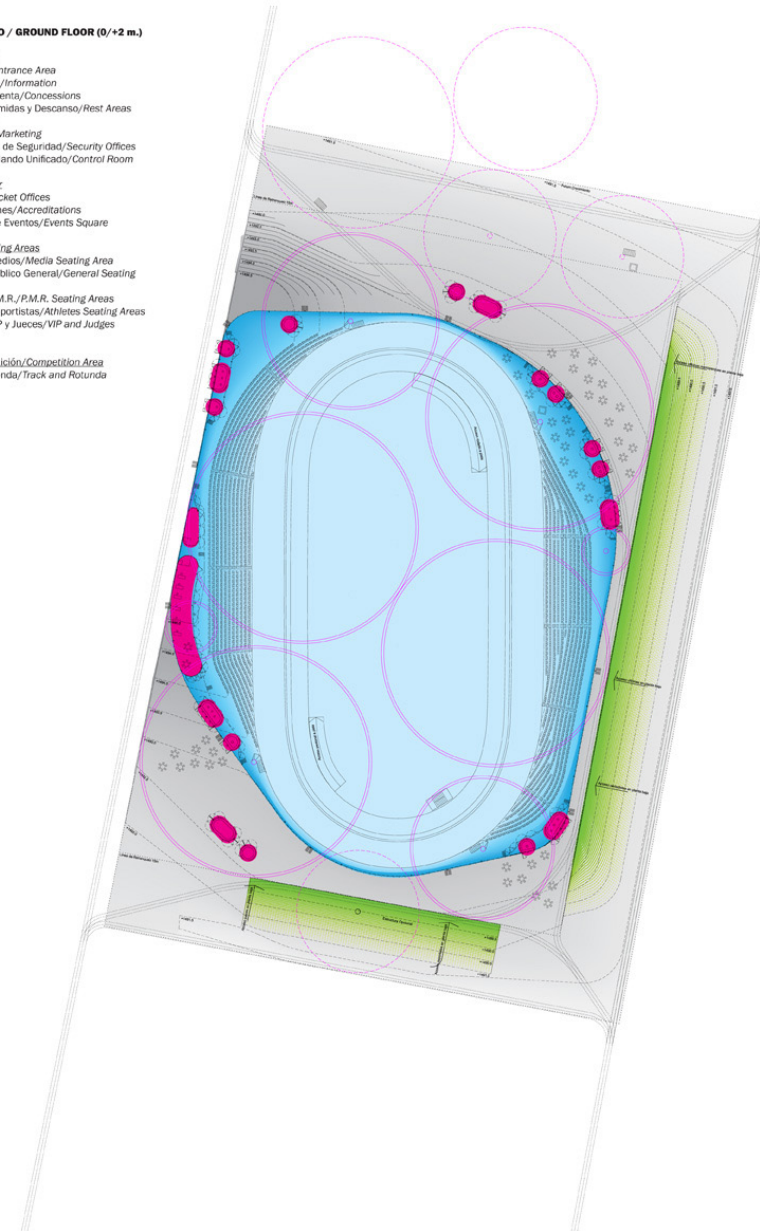
NIVEL PÚBLICO / GROUND FLOOR (0/+2 m.)

- Interior/Interior**
 01. Vestíbulo/Entrance Area
 02. Información/Information
 03. Puntos de Venta/Concessions
 04. Zona de Comidas y Descanso/Rest Areas and Food Court
 05. Marketing/Marketing
 06. Coordinación de Seguridad/Security Offices
 07. Puesto de Mando Unificado/Control Room

- Exterior/Exterior**
 08. Taquillas/Ticket Offices
 09. Acreditaciones/Accreditations
 10. Piazoleta de Eventos/Events Square

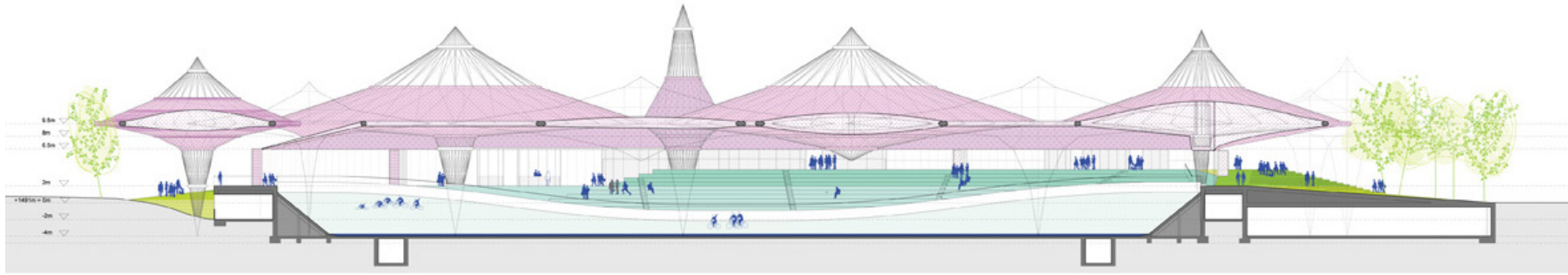
- Graderías/Seating Areas**
 11. Gradería Medios/Media Seating Area
 12. Gradería Público General/General Seating Areas
 13. Gradería P.M.R./P.M.R. Seating Areas
 14. Gradería Deportistas/Athletes Seating Areas
 15. Gradería VIP y Jueces/VIP and Judges Seating Areas

- Área de Competición/Competition Area**
 16. Pista + Rotonda/Track and Rotunda

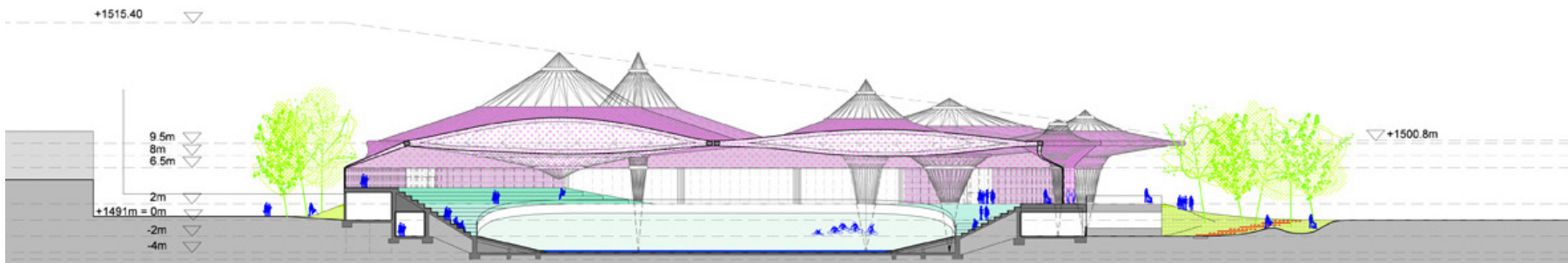


Design plans

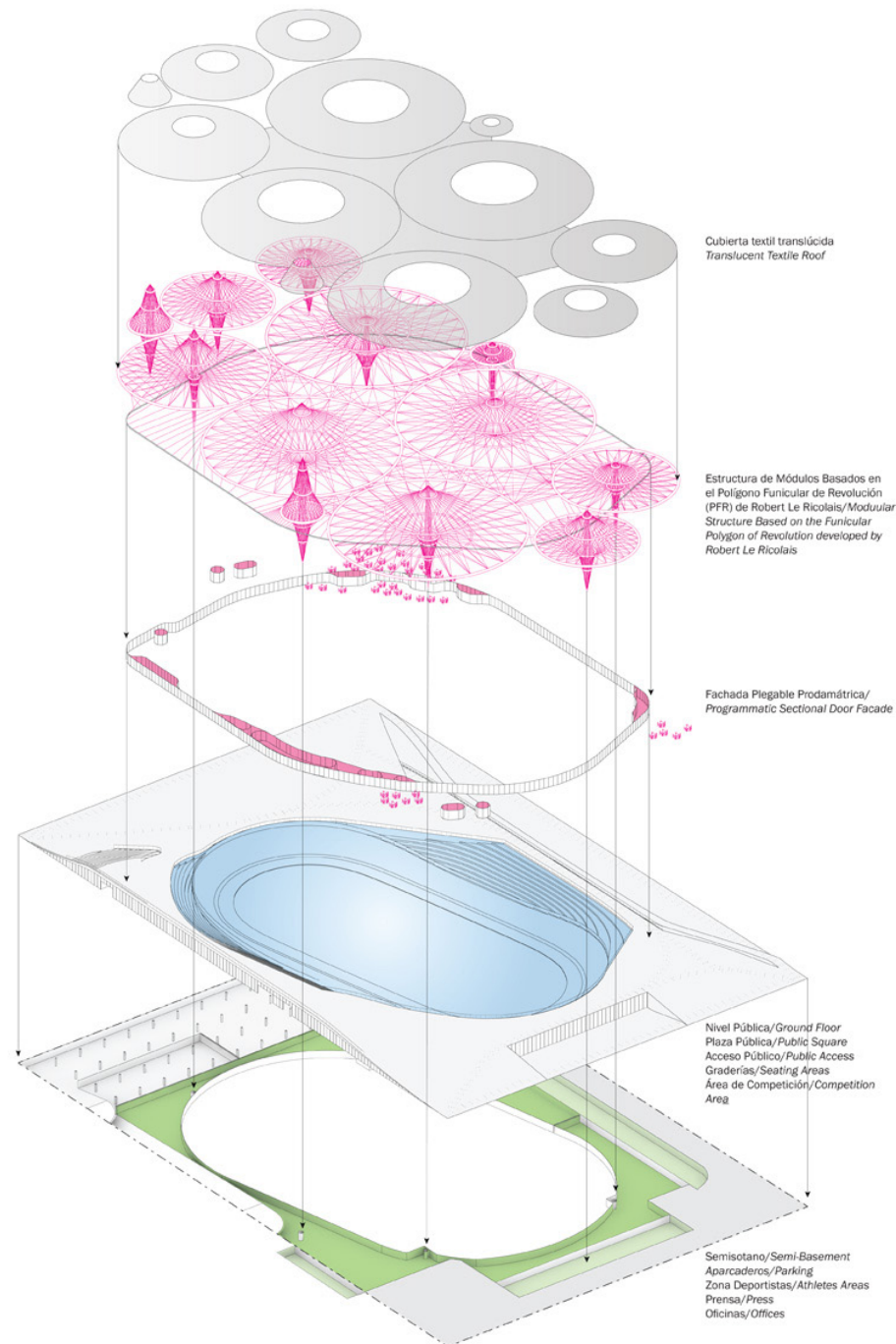
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Design sections



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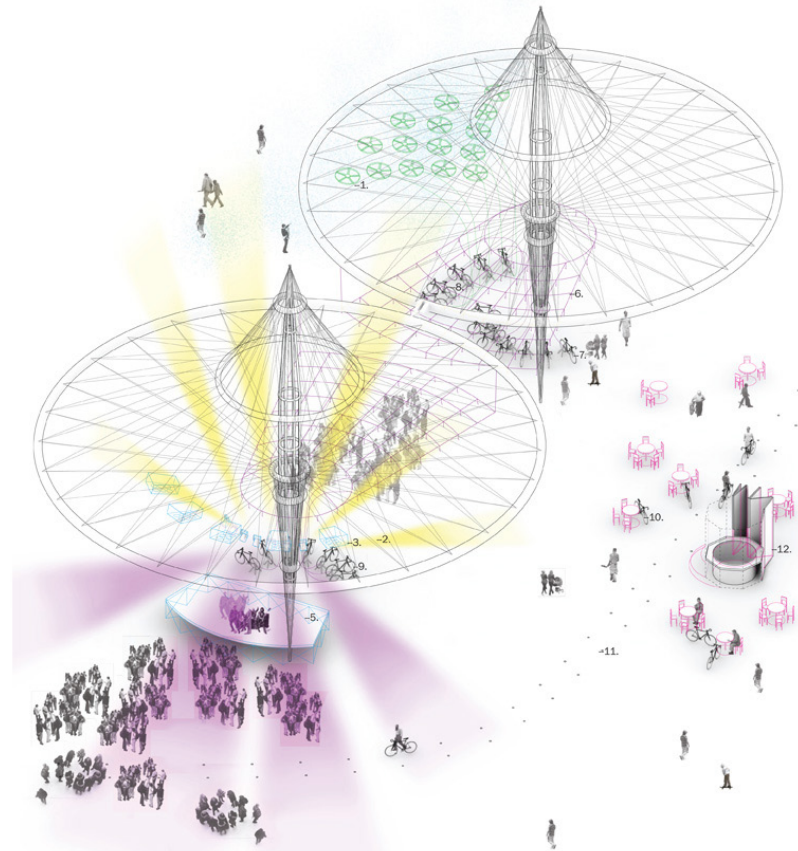


Design exploded isometric

**MECANISMOS DE POTENCIACIÓN DEL ESPACIO PÚBLICO ASOCIADOS A LA ESTRUCTURA/
MECHANISMS TO ACTIVATE THE PUBLIC SPACE
CONNECTED TO THE STRUCTURE**

1. Ventiladores con Pulferezadores de Agua para el Control Ambiental de las Zonas Públicas/System of Fans and Water Atomizers for Environmental Control of the Public Square
2. Multi-iluminación Controlada Parcialmente por las Bicicletas-Generadores/ Lighting System Partially Controlled by Generators Connected to Exercise Bicycles
3. Altavoces de Corto Alcance/Short Range Speakers
4. Micrófonos Polifónicos/Polyphonic Microphones
5. Escenario Temporal/Temporary Stage
6. Anclajes de Equipamiento para eventos en la Plazaleta Pública/Stage Rigging System for Temporary Events at the

- Public Square
7. Bicicletas Generadores que Controlan Parcialmente los Sistemas Ambientales y Luminicos/Exercise Bikes Connected to Electric Generators that Partially Control Light and environmental Systems over the Public Square
 8. Clínicas de Bicicletas y otros Mecanismos Deportivos/Bike Clinis and Other Exercise Equipment
 9. Bicicletas batidoras/Blender Bikes
 10. Áreas de Descanso y Comidas/Rest Areas and Food Court
 11. Ciclovía/Bike Path
 12. Concesiones, Taquillas y Acreditaciones/Concessions, Ticket Office and Accredittations



MECANISMOS DE POTENCIACIÓN DEL ESPACIO PÚBLICO ASOCIADOS AL CERRAMIENTO/MECHANISMS TO ACTIVATE THE PUBLIC SPACE CONNECTED TO THE FACADE

- Sistema de Fachada/ Facade System
1. Sistema de Fachada Formado por Puertas Correderas Plegables Tipo Acordeón/Track and Accordion-like Sectional Door Facade System
 2. Guía de la Puerta Corredera Soportada por una Estructura Ligera cada Siete Metros/Facade Track Supported by a light structure Every Seven Meters.
 3. Puertas Plegadas Durante Periodos en el que el Velódromo esta Completamente aAierto/Accordion-like Sectional Door Folded During No-competition periods
 4. Puertas Cerradas Durante Eventos de Competición/Accordion-like Sectional Door Closed During Competitions

5. Puesto de Venta Asociado al Sistema de Fachada con Posibilidad de Abrirse Independientemente Hacia el Interior o el Exterior del Velódromo/Concession Attached to the Facade that Can Be Independently Opened to the Interior or the Exterior of the Velodrome

- Bicicletas/Bicycles
6. Bicicletas Generadores que Controlan Parcialmente los Sistemas Ambientales y Luminicos/Exercise Bikes Connected to Electric Generators that Partially Control Light and environmental Systems over the Public Square
 7. Clínicas de Bicicletas y otros Mecanismos Deportivos/Bike Clinis and Other Exercise Equipment
 8. Bicicletas Batidoras/Blender Bikes

- Espacio Público/Public Space
9. Ventiladores con pulverizadores de agua para el control

- ambiental de las zonas públicas/System of Fans and Water Atomizers for Environmental Control of the Public Square
10. Multi-iluminación Controlada Parcialmente por las Bicicletas Generadores/ Lighting System Partially Controlled by Generators Connected to Exercise Bicycles
 11. Concesiones Temporales Separadas de la Fachada/ Temporary Concessions Not Attached to the Facade
 12. Área de Descanso y Comidas/Rest Area and Food Court

