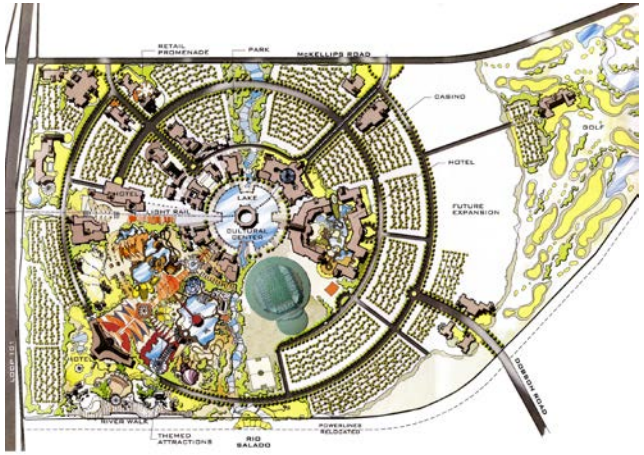
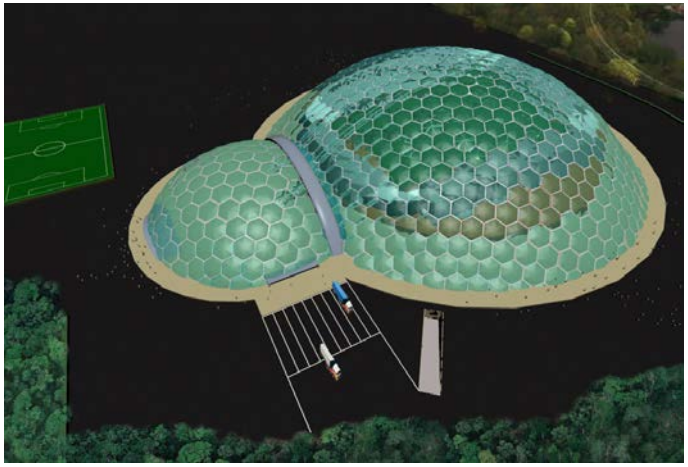


SITE PLAN



AERIAL

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EXTERIOR

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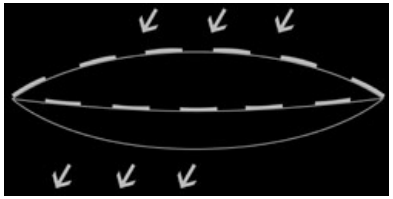
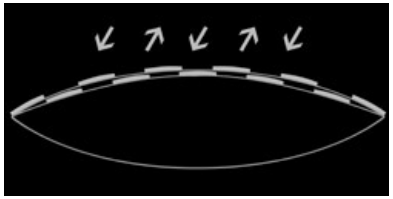
The Eden Project
Cornwall, UK

In his time, Buckminster Fuller, the great pioneer and mentor of innovative, architectural and structural visions, dreamed of roofing over entire cities to create new and exciting living spaces. Today, Texion Foil Systems can turn this concept into reality, creating breathtaking indoor spaces, like the Eden Project. Architect Nicholas Grimshaw sought to create an innovative enclosure for a tropical rain forest and Mediterranean biosphere more than 260 feet deep into a clay pit. The outcome is a serious of intersecting geodesic dome structures covering an area of 323,000 square feet. The Eden Project is the world's largest self-supported transparent envelope, with individual panels up to 860 square feet in area. 232 panels are intelligently controlled and operable for ventilation.



Open

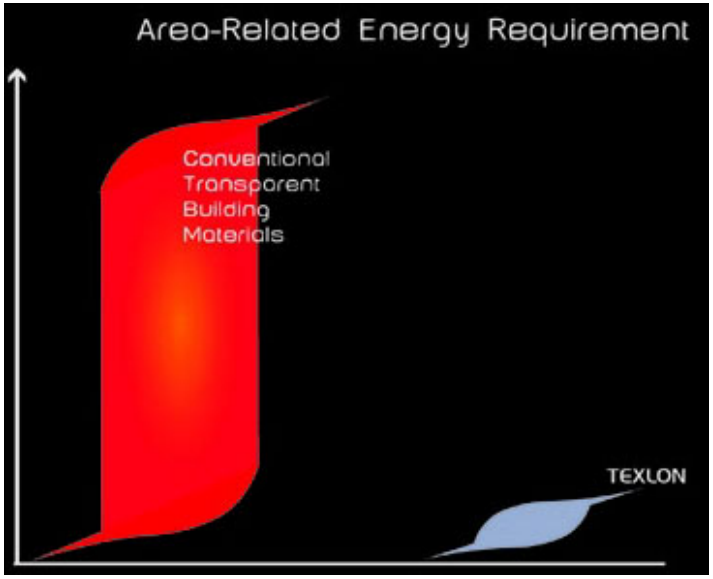


Closed

Foiltec has developed dynamic capabilities within TEXLON systems that can intelligently adapt and transform their transparency, aesthetics, and thermal properties as the sub moves across the sky, responding to specific program and climatic requirements.

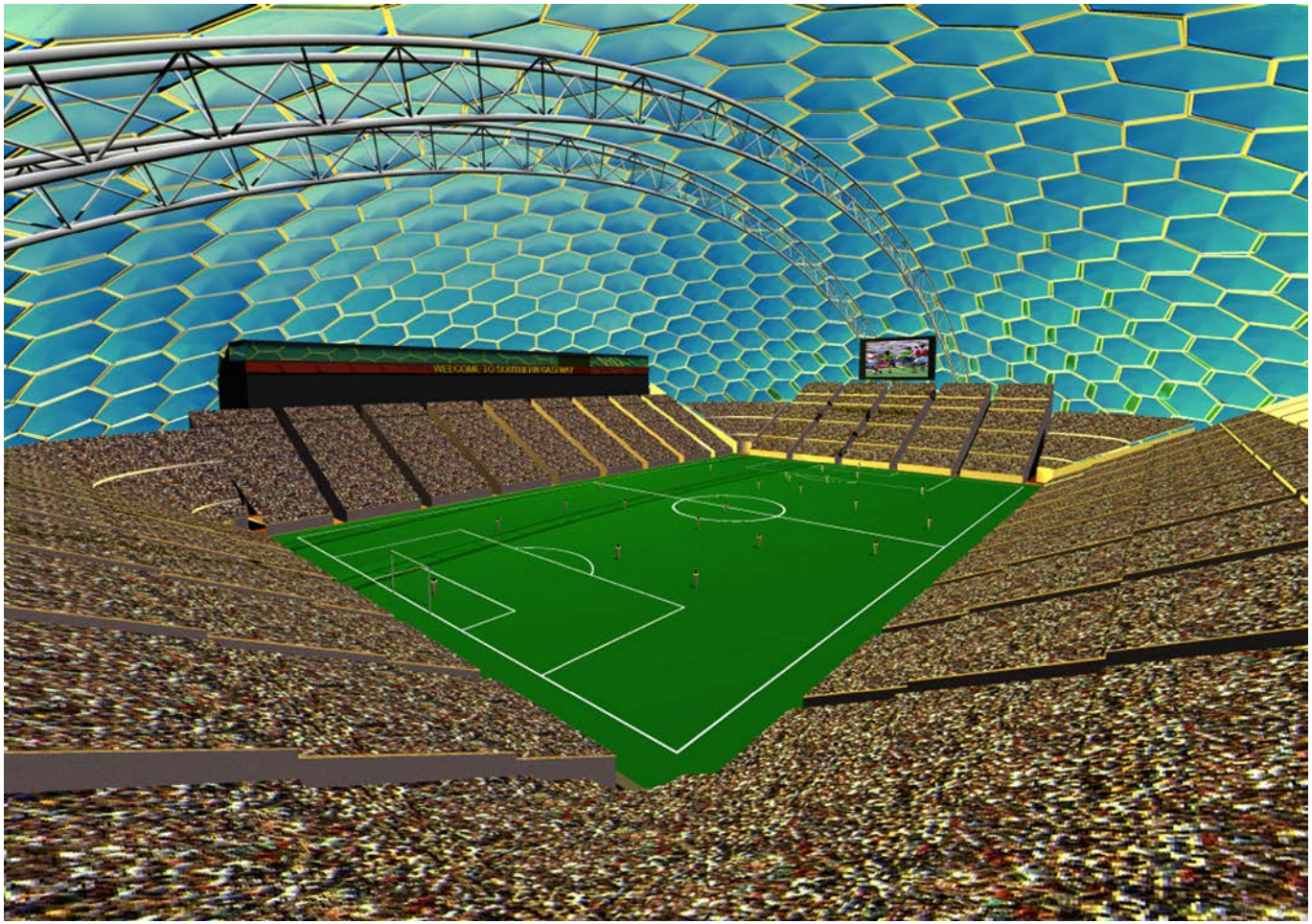
Our variable shading technology has turned indoor spaces into environments that can control or dramatize the effects of the sun. In the Festo Headquarters and the Solarlux Showroom both in Germany the architects used our variable shading system. To achieve this dynamic shading, various positive and negative print patterns can be developed and printed on the outer two layers of a three layer system. The simple change of position of the second or middle layer, either to the top or bottom of the system, can transform the system's transparency.

The Festo Headquarters used a bold checker-board pattern to achieve a variable transparency between 5% and 65% and in the Solarlux Showroom the designer developed a pattern with alternating stripes - where the stripes themselves are 50% transparent allowing the system to adjust from 45% - 85% transparent. The range of transparency of the system is project specific and is determined by the designer's intentions and building performance.



The profound ecological characteristics of TEXLON foil systems impacts not only the "green" within product selection but the sustainable design opportunities that are presented to the designer. The foils have an extremely low energy consumption during their manufacturing process; and the complete system weighs between 50-90 percent less than systems made from other materials with comparable properties- further conserving on the structural system needed to support the cladding. Part of the system is manufactured from recycled materials and the entire system can ultimately be returned to our facility to be recycled at the end of the project's life. The longevity and low life cycle costs make TEXLON systems effective solutions for sustainable in long life and low maintenance.

The architect can explore green or sustainable design solutions for responsive, intelligent day lighting and dynamic thermal properties that can alter spatial characteristics and building performance. These opportunities and capabilities put TEXLON foil systems in a category to themselves.



INTERIOR

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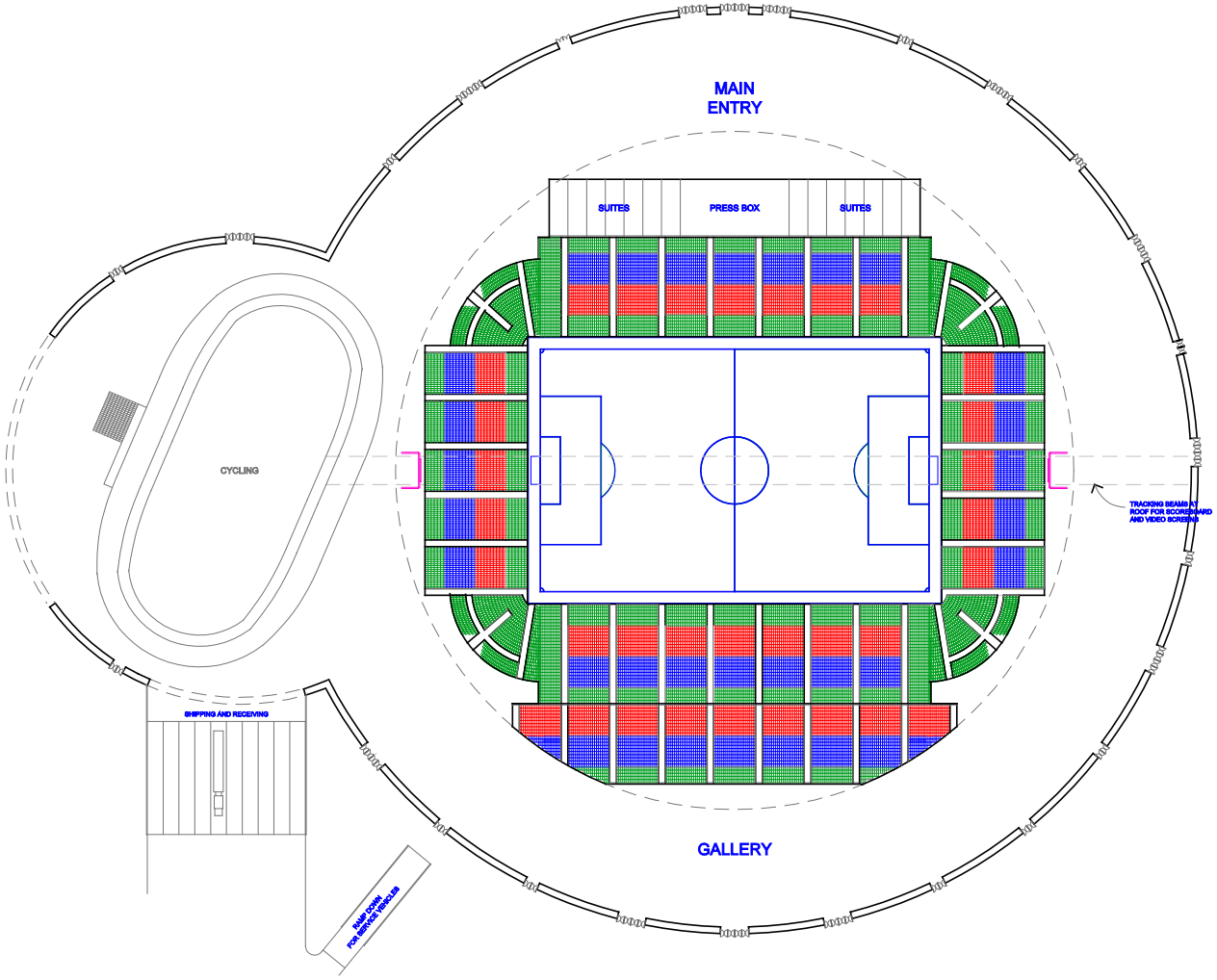

SOCCER

25,032 SEATS

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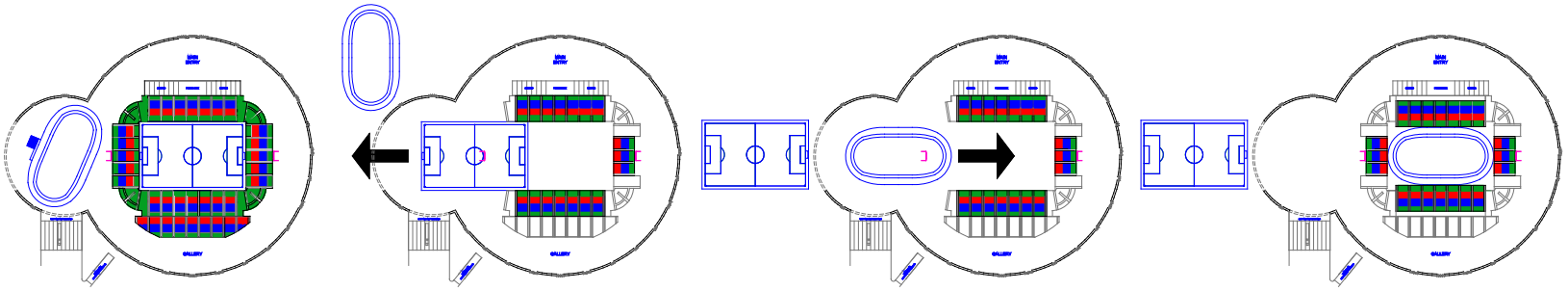

1 2 3 4

HOVERING STAGES

SOCCER ▶ ▶ ▶ ▶ ▶ ▶ ▶ ▶ ▶ CYCLING

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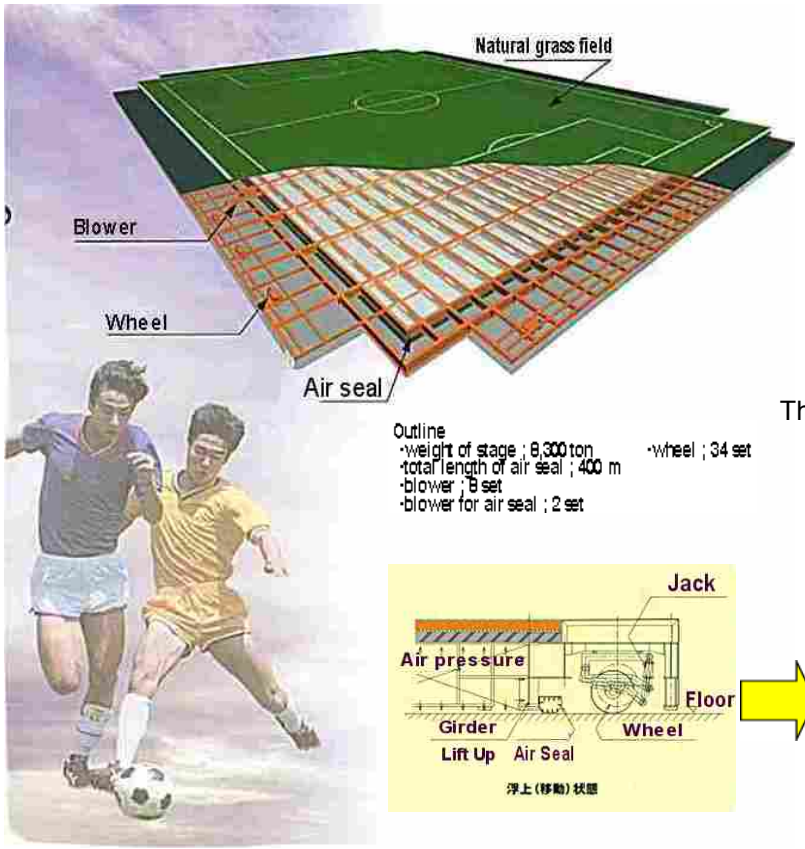
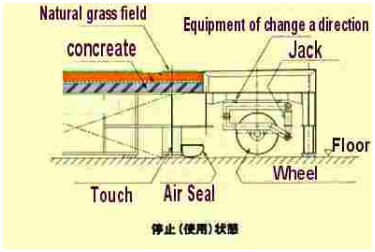
Hovering Soccer Field

120m in length, 85m in width, 1.38m in height, and weighs 8,300t..it's like an extensive country.
The field floats up by pneumatic floatation system and moves to anywhere.
Kawasaki developed this "Air Pressure Moving" technology after 5 years' research.



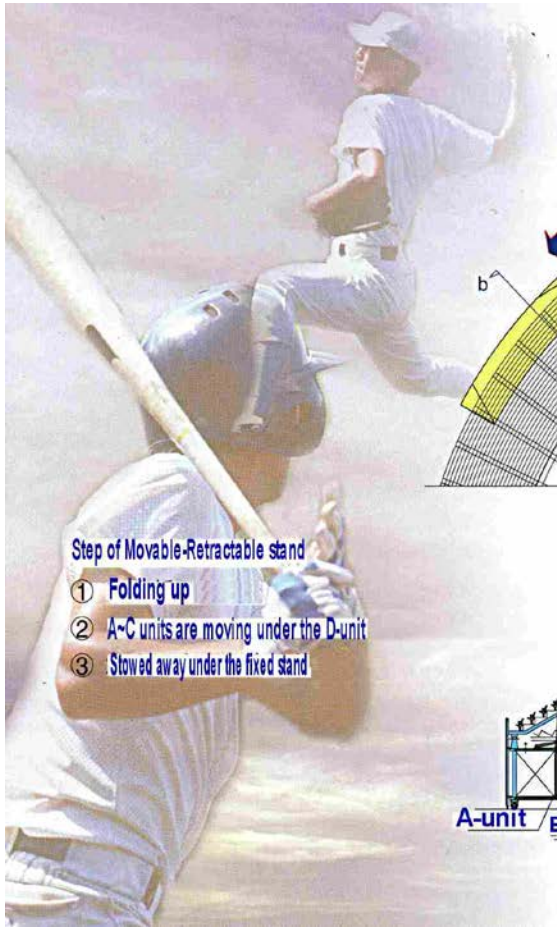
Outline
·weight of stage ; 8,300 ton
·total length of air seal ; 400 m
·blower ; 8 set
·blower for air seal ; 2 set
·wheel ; 34 set

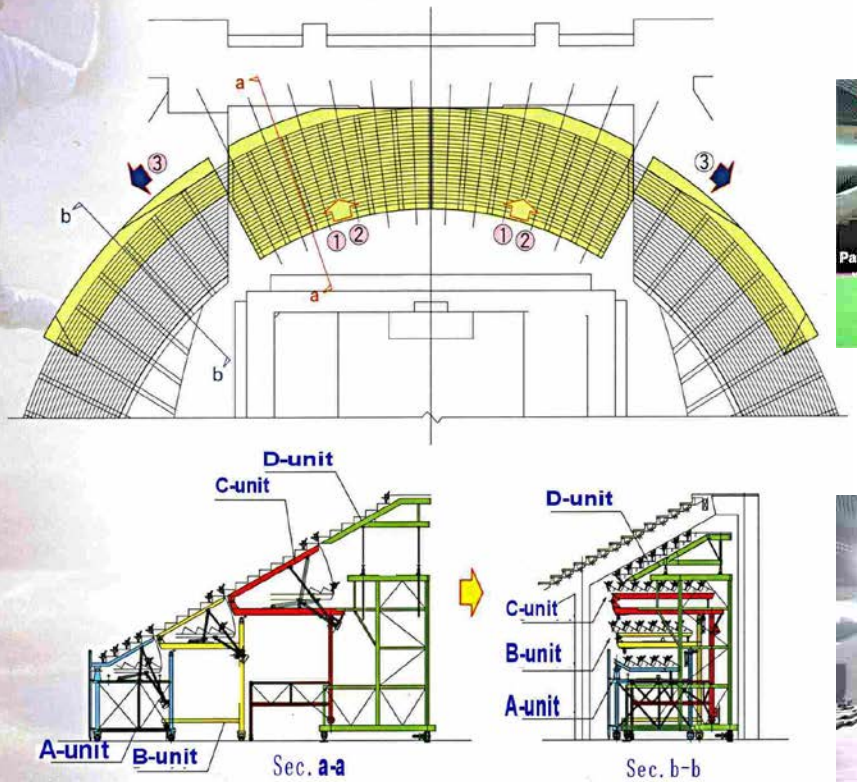
Natural grass shall be raised in full sunlight.
The field moves into the dome within 2 hours when soccer game is held.



Movable-RETRACTABLE SEATS

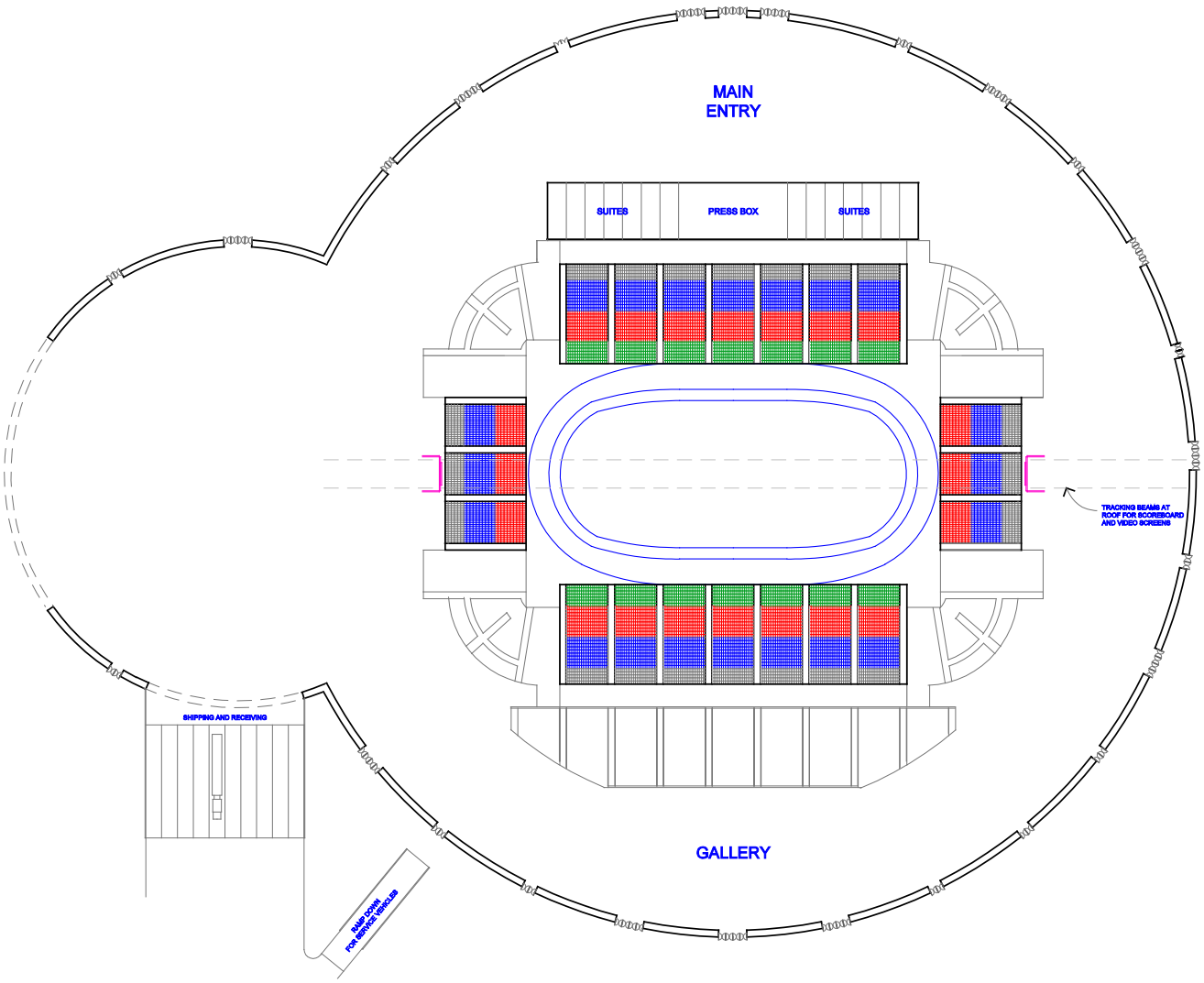
Passageway is required for Moving Hovering Stage in and out....





A-unit is moving under D-unit

stoued away under the fixed stand



CYCLING

13,288 SEATS

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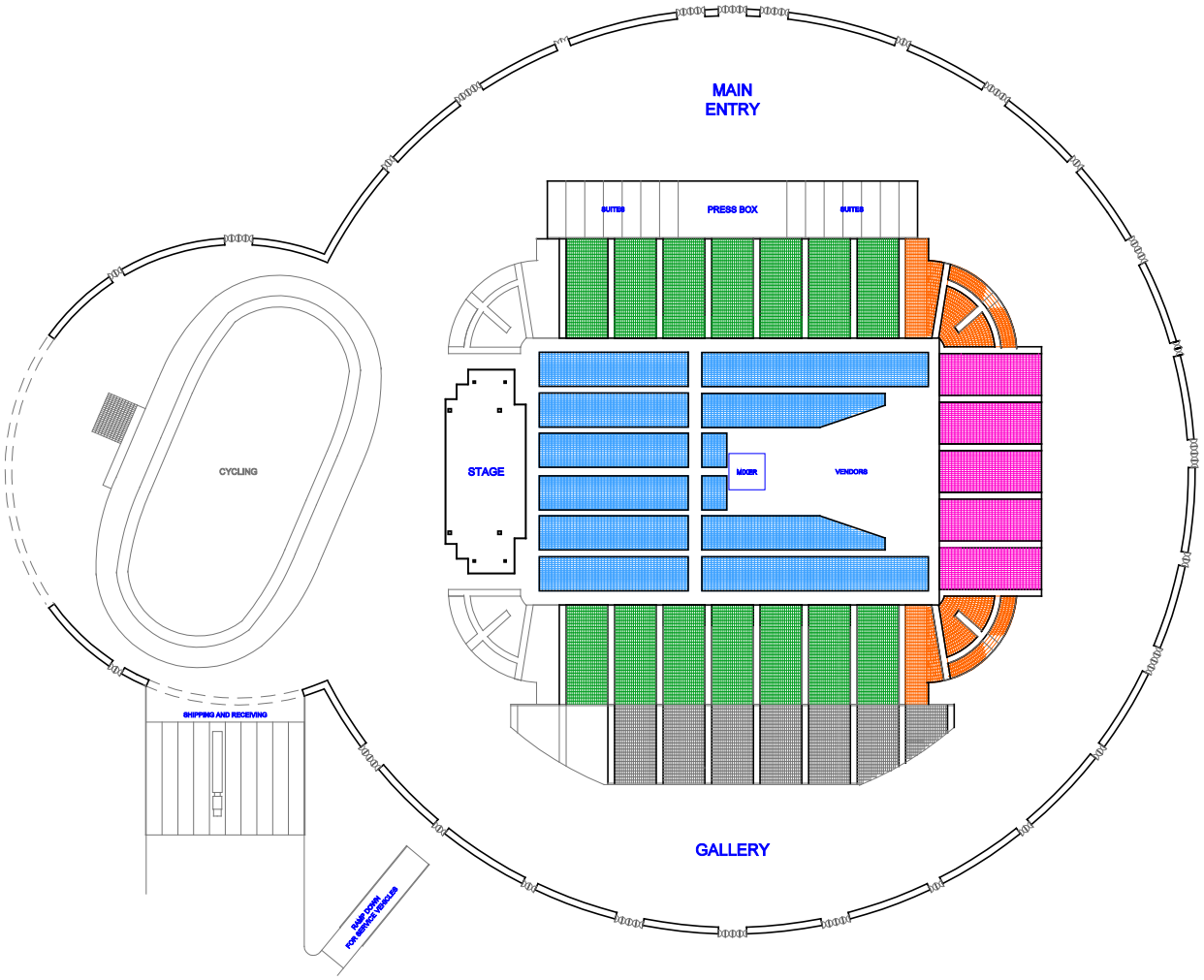
TINA
24/7
24/7
STAGECO
STAGING GROUP



CONCERT 28,397 SEATS

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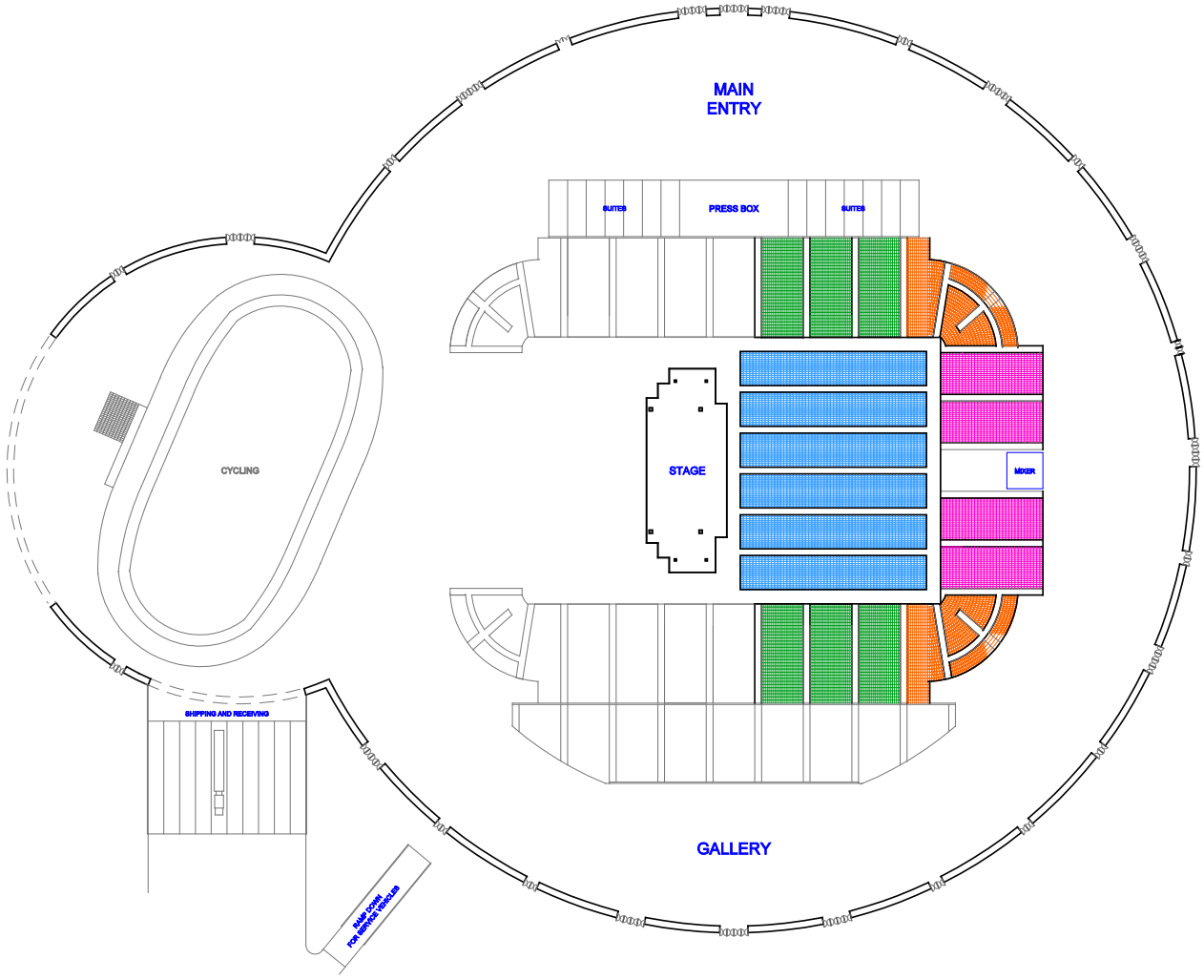
architecture and planning



CONCERT

15,138 SEATS

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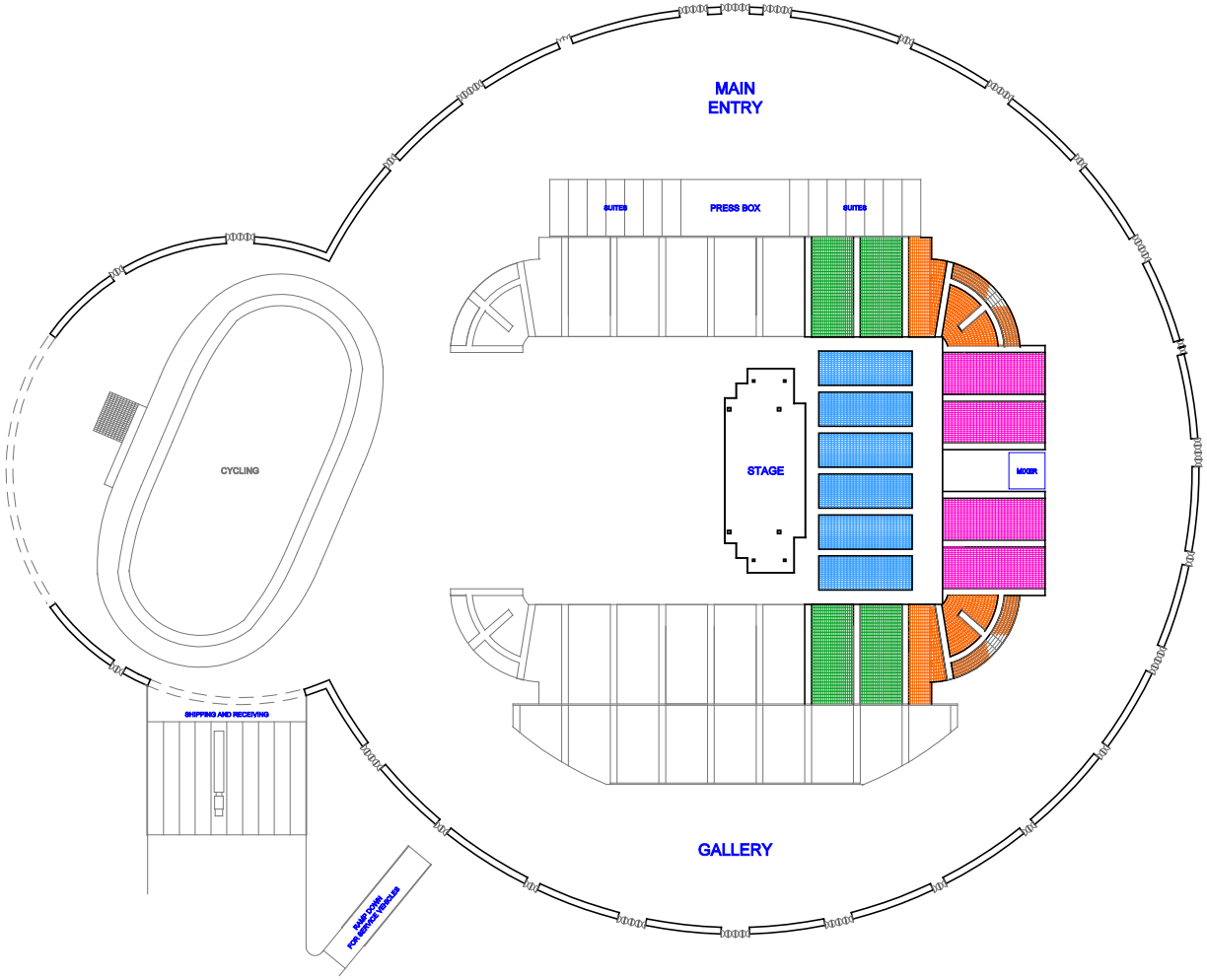

CONCERT 10,502 SEATS

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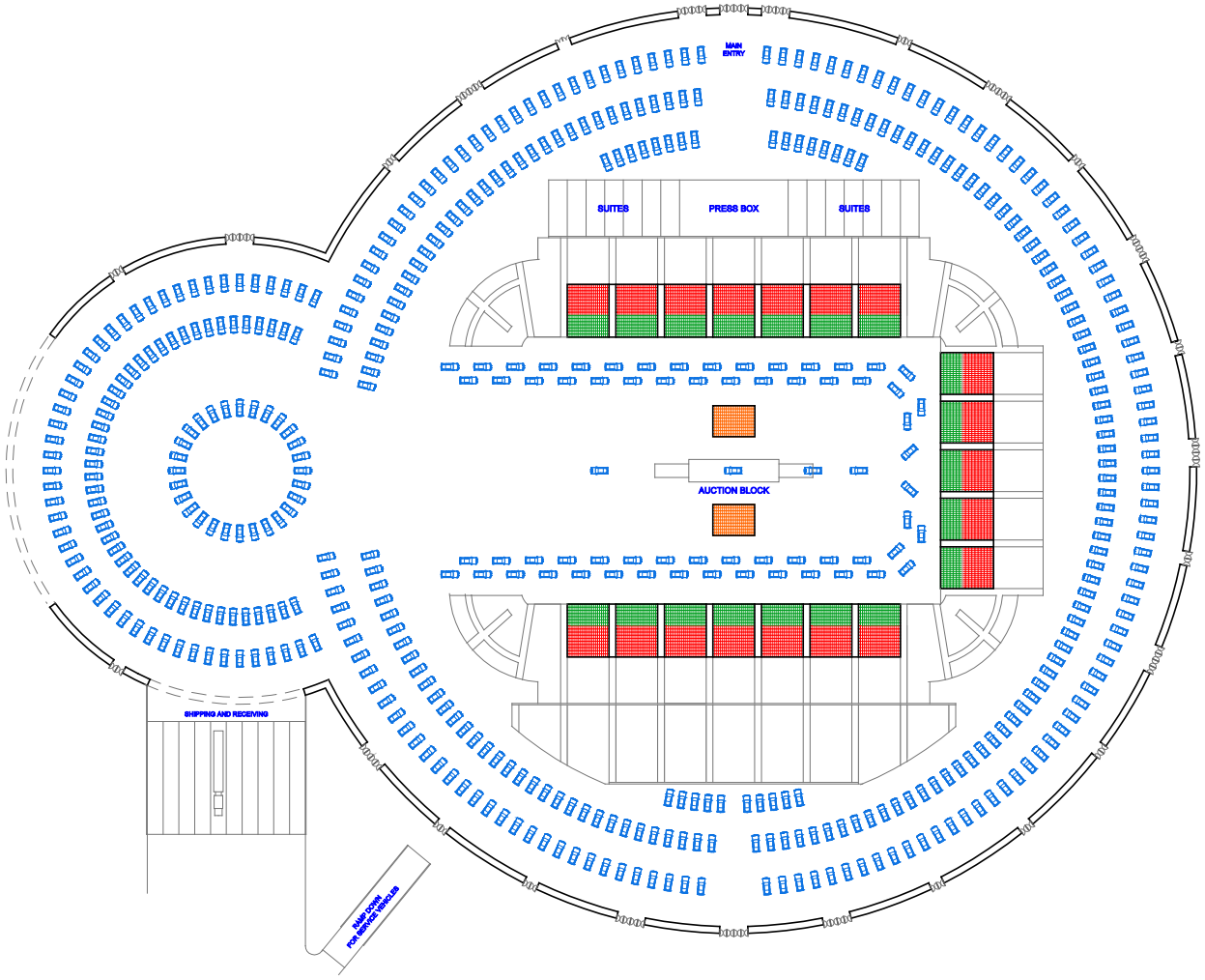
STAGECO
STAGING GROUP


CANAL+
CANAL+
CANAL+
STAGECO
STAGING GROUP


ENECO
STAGECO
STAGING GROUP


24/7
TINA
STAGECO
STAGING GROUP



BARRETT-JACKSON AUCTION

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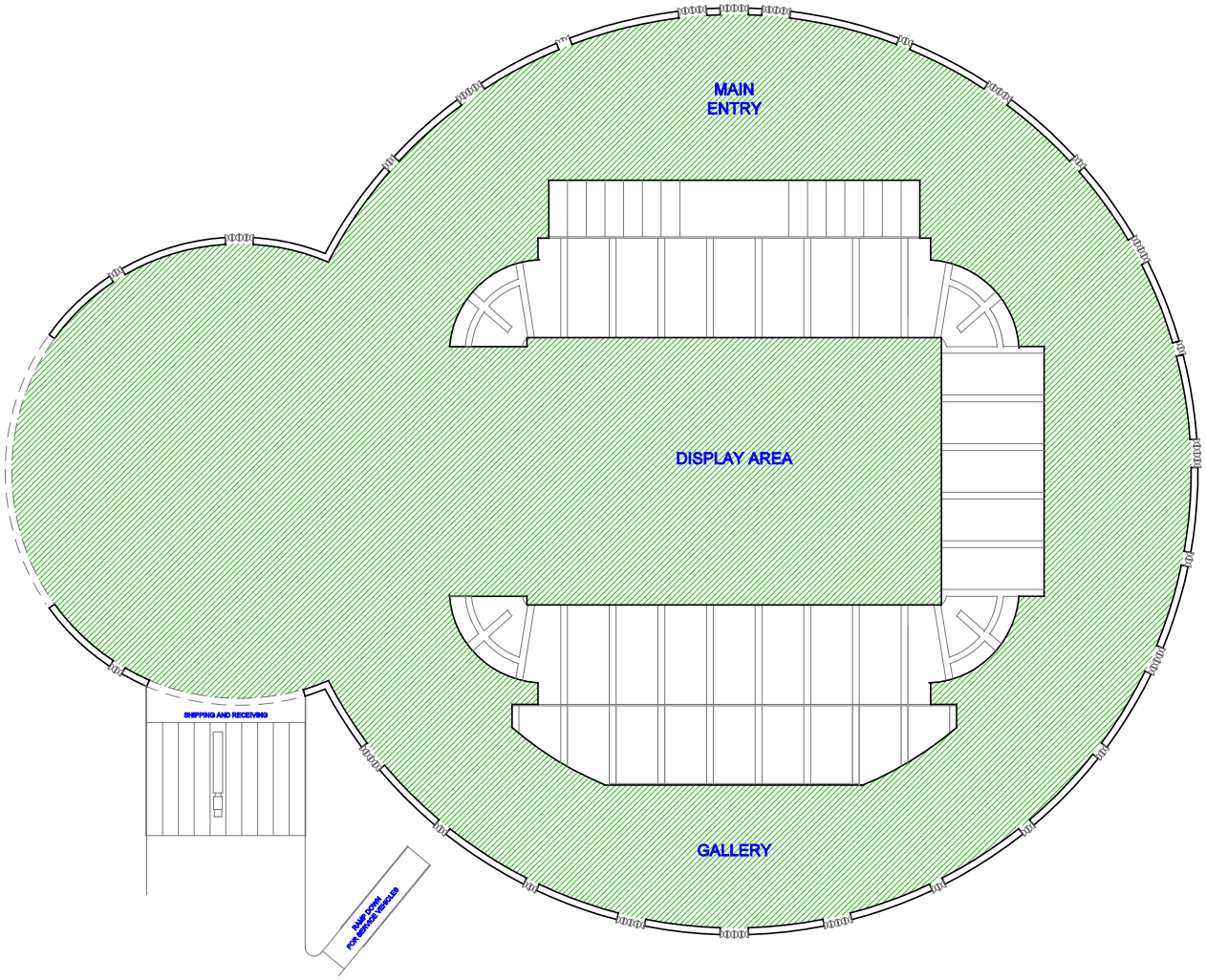

CONVENTION 455,573 SQ. FT.

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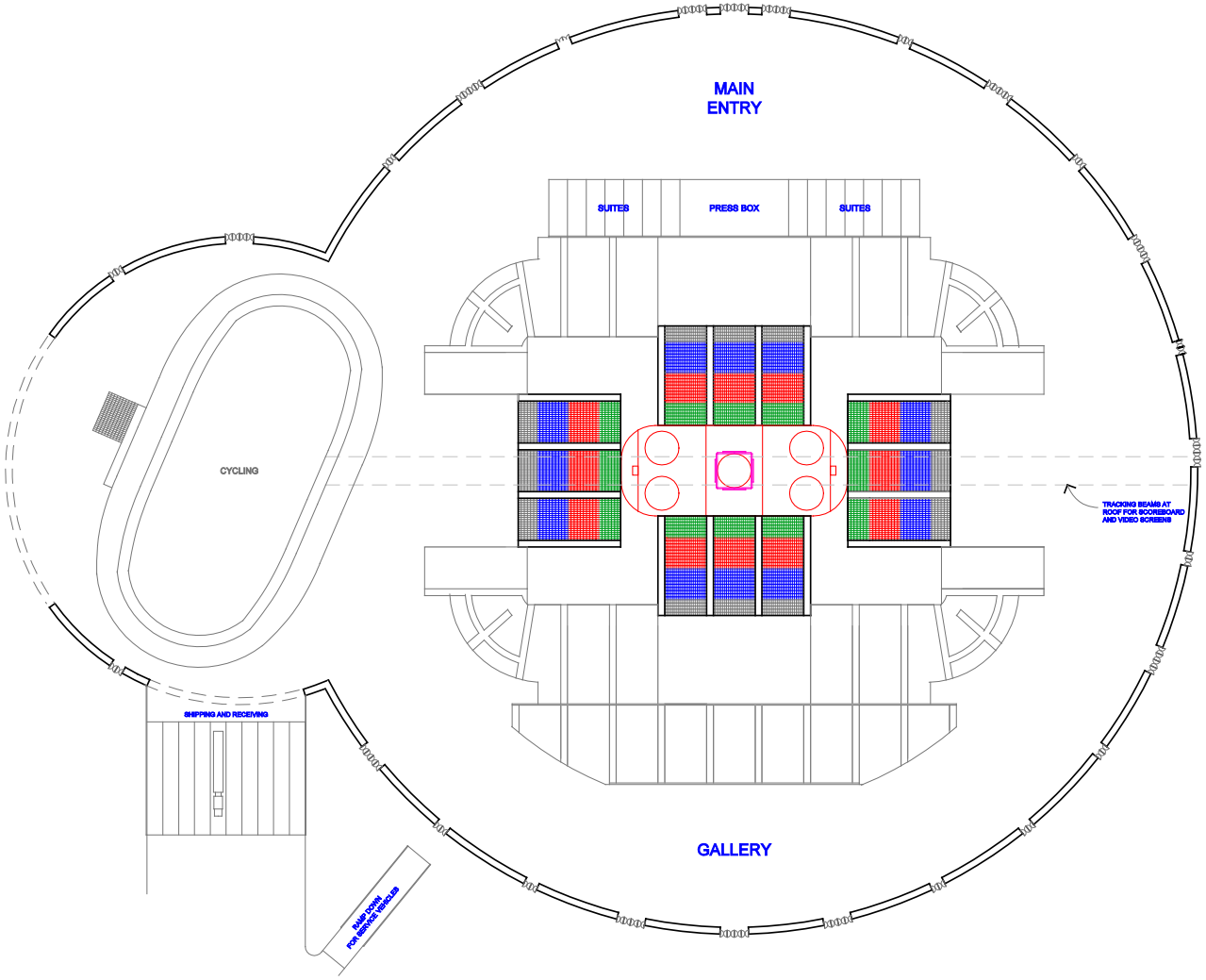

ICE RINK

8,580 SEATS

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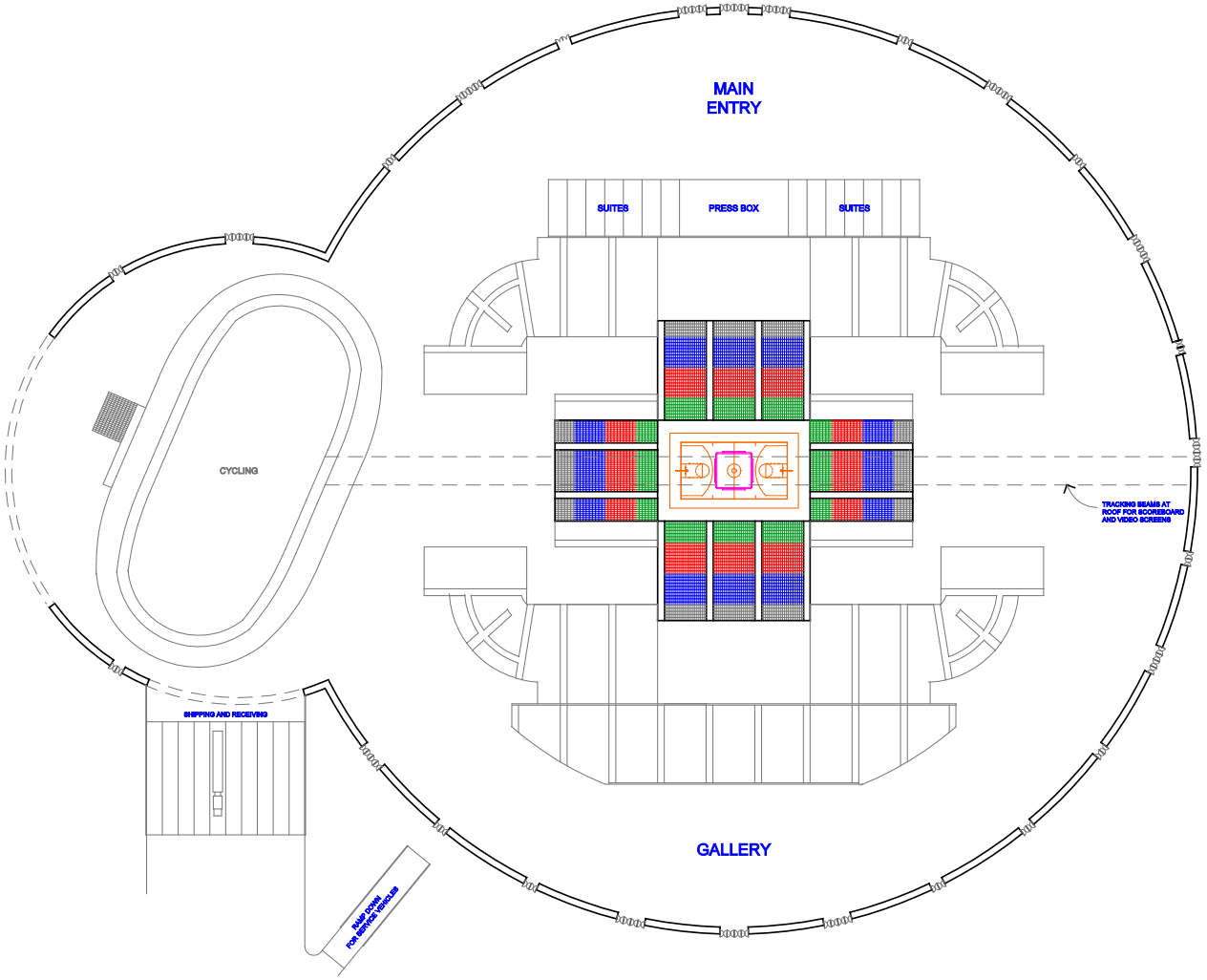

BASKETBALL 7,250 SEATS

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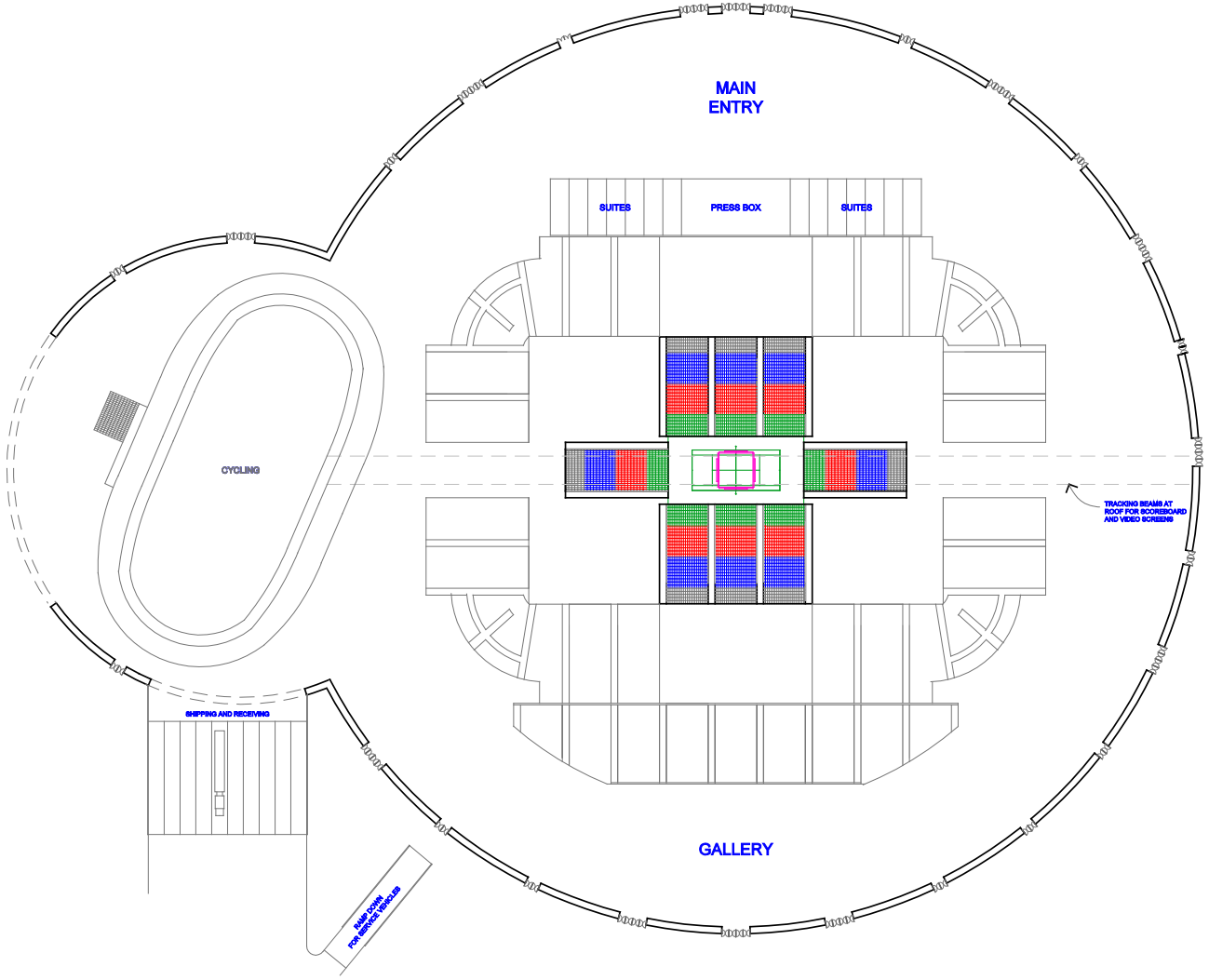

TENNIS

5,676 SEATS

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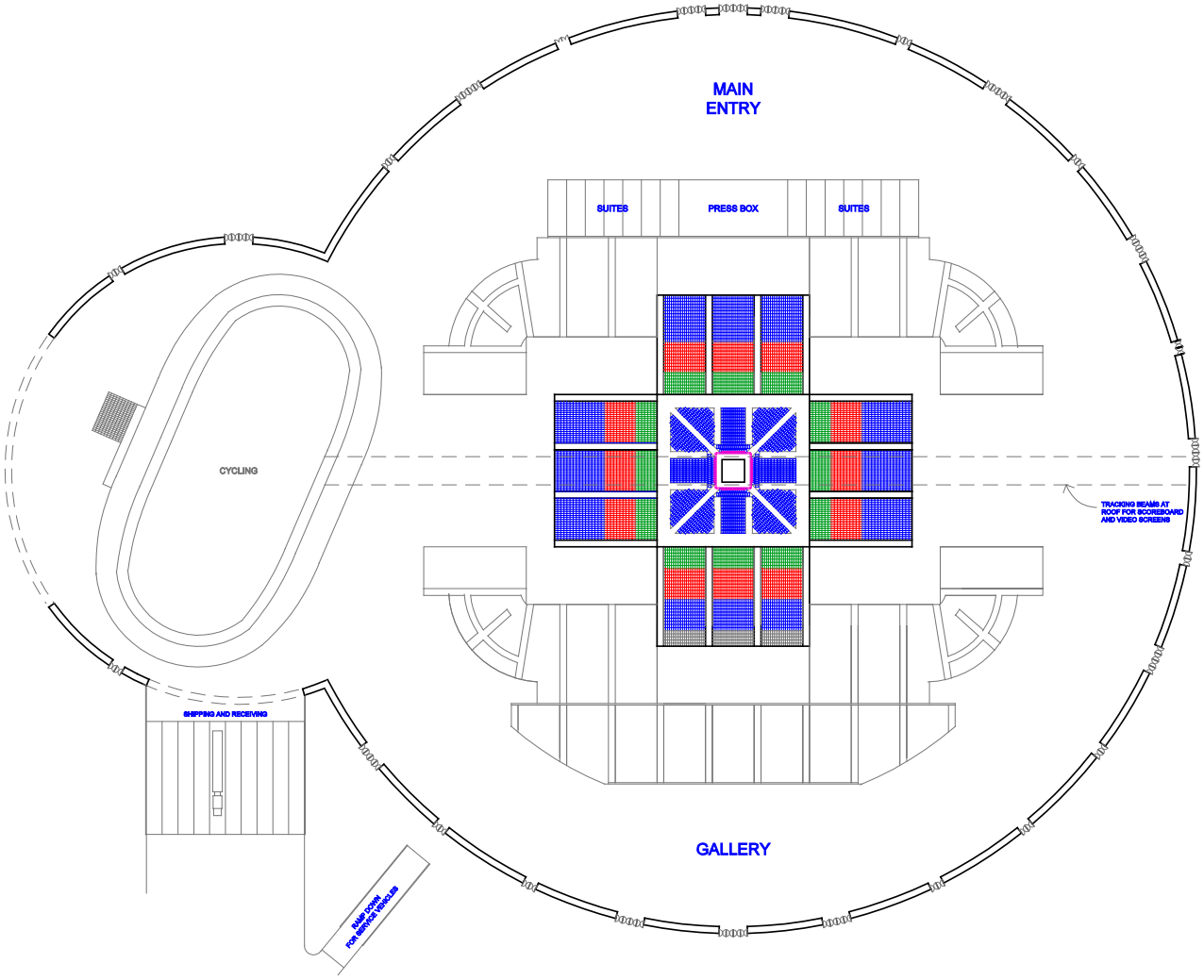

BOXING

10,176 SEATS

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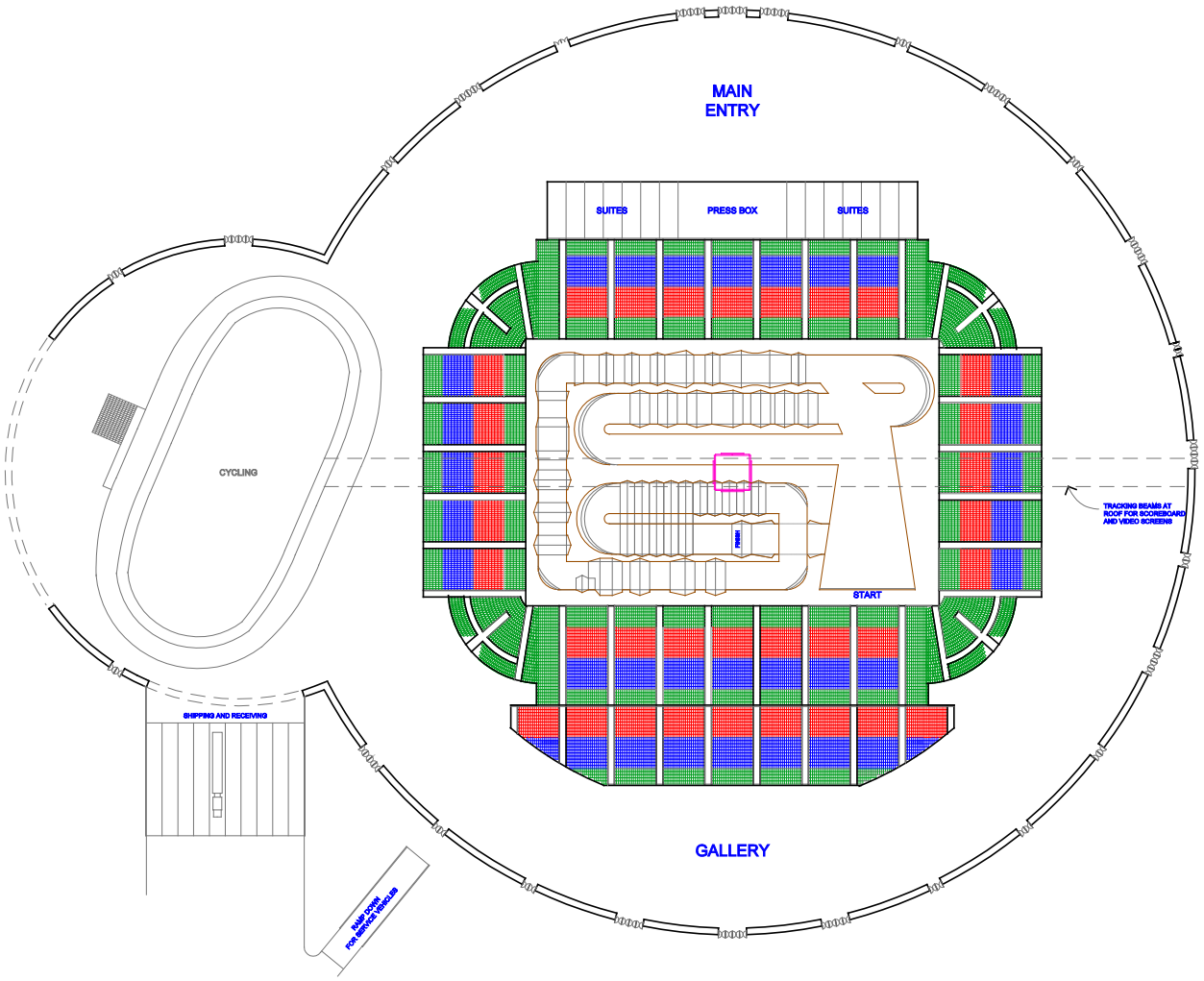

SUPERCROSS

25,032 SEATS

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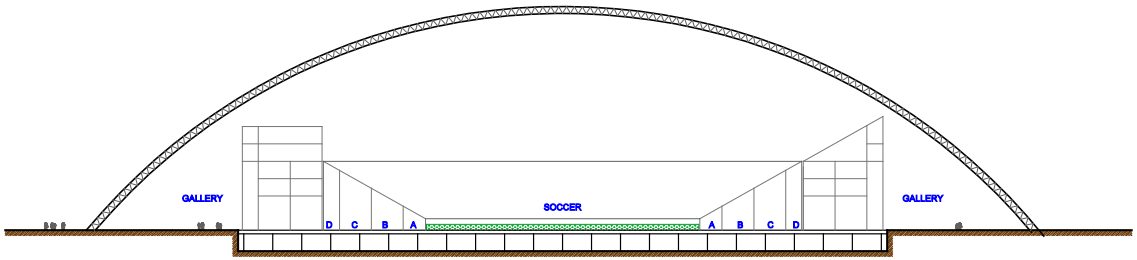

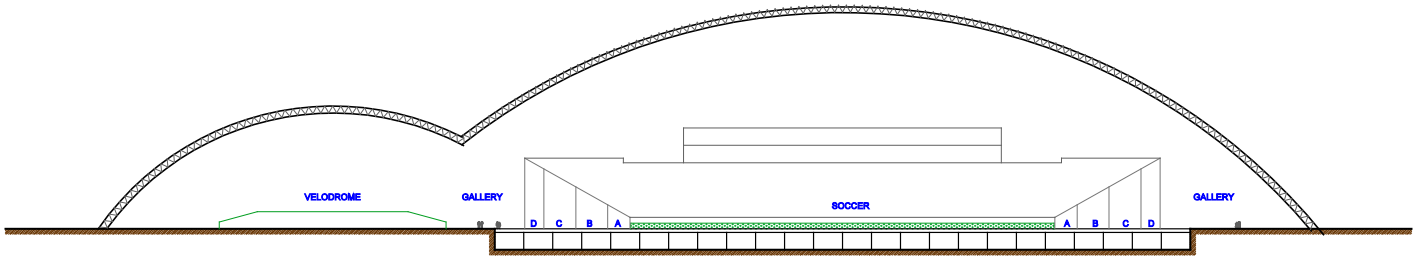

SECTIONS

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