

USTA BILLIE JEAN KING NATIONAL TENNIS CENTER 124-02 ROOSEVELT AVENUE FLUSHING, NY

# ARTHUR ASHE STADIUM RENOVATIONS

APRIL 8, 2024 | CONCEPTUAL PRESENTATION  
FOR REVIEW BY THE NEW YORK CITY PUBLIC DESIGN COMMISSION



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de Bruin

wsp

me | engineers

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ME ENGINEERS | MEP ENGINEERS





CITI FIELD

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USTA BILLIE JEAN KING NATIONAL TENNIS CENTER

CORONA PARK POOL & RINK

FLUSHING MEADOWS CORONA PARK

UNISPHERE

QUEENS MUSEUM OF ART

NEW YORK STATE PAVILION

HALL OF SCIENCE

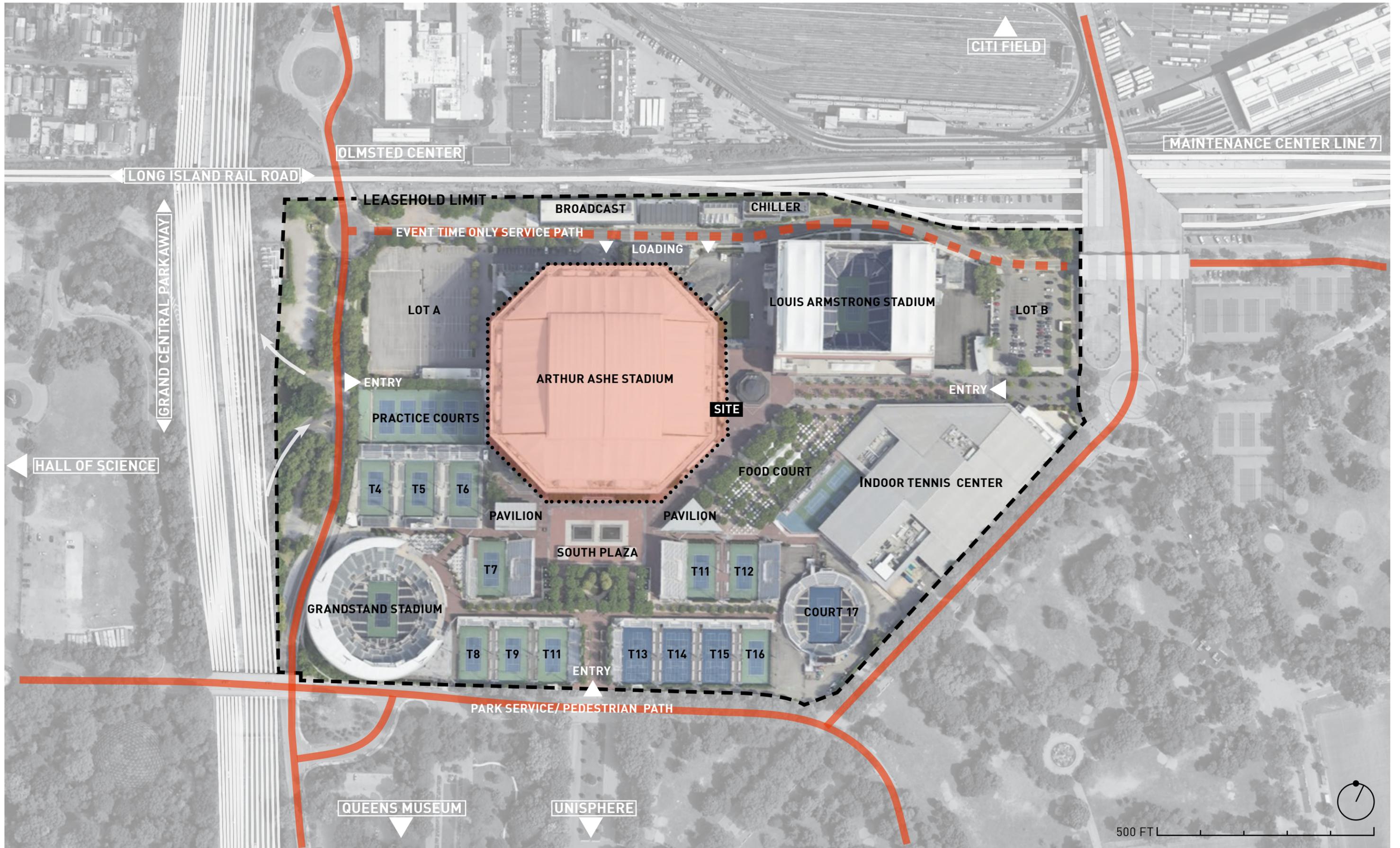
MEADOW LAKE

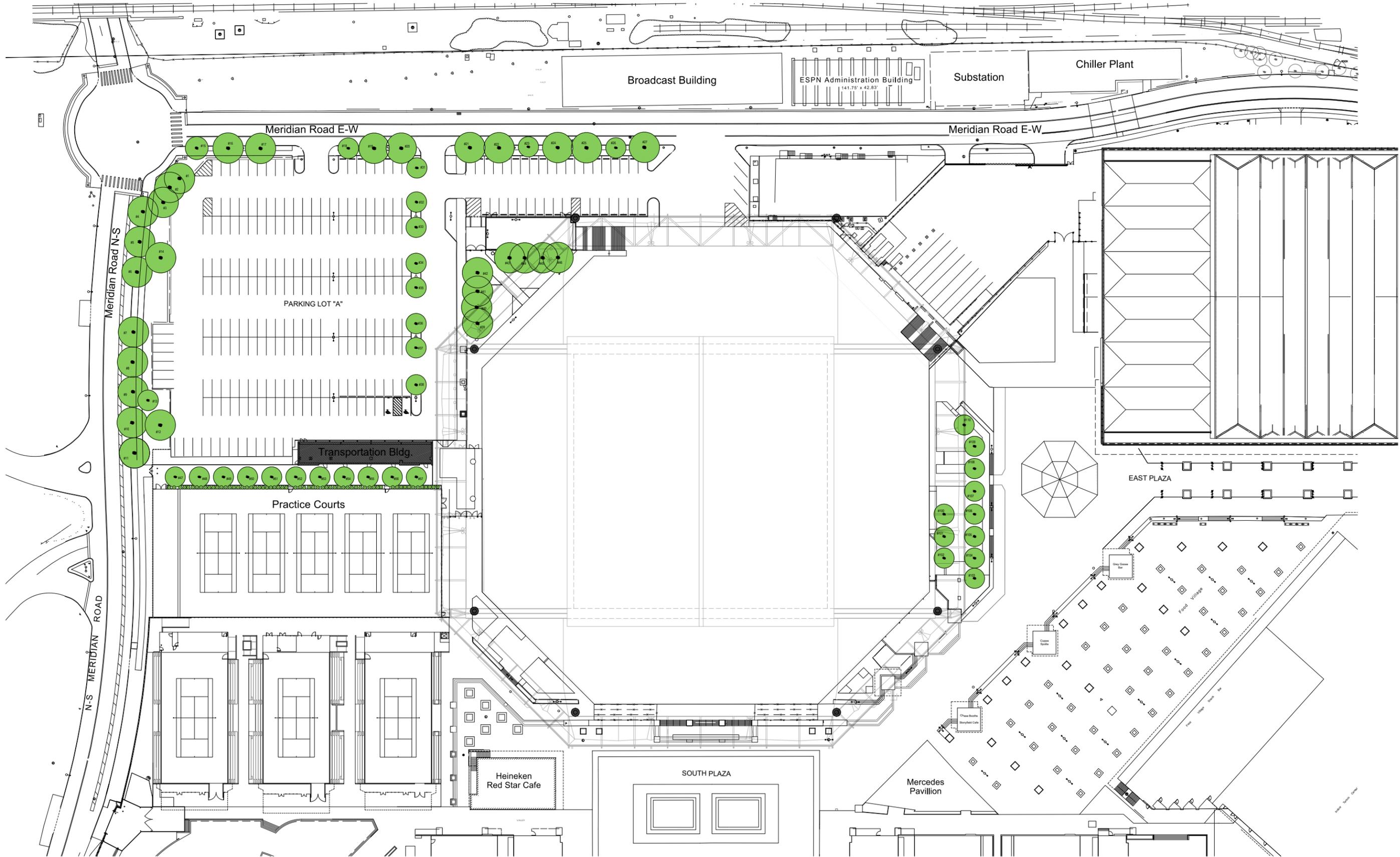
WILLOW LAKE

2000 FT

# USTA CAMPUS MASTER PLAN VISION:

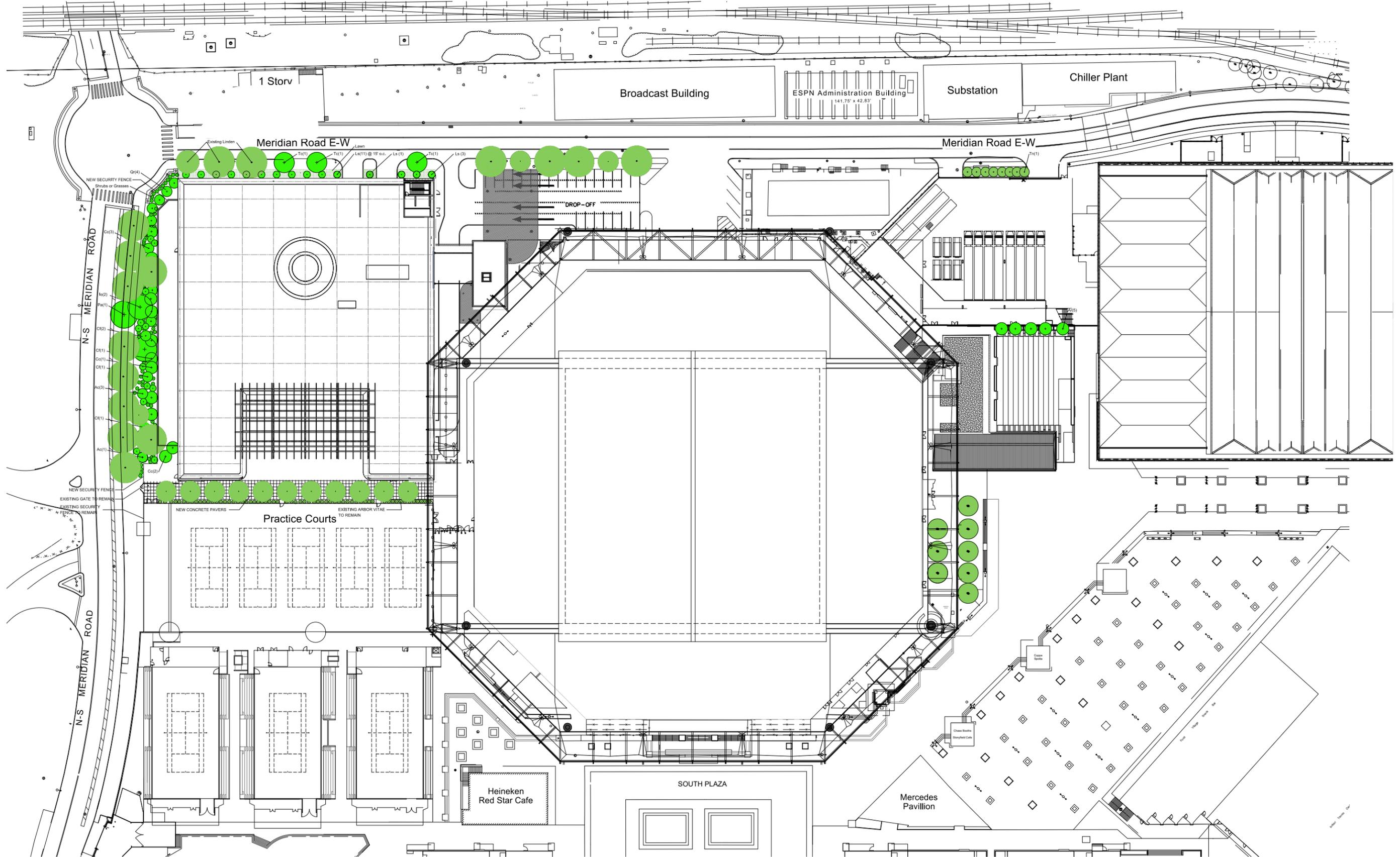
A HOLISTIC CAMPUS SETTING THAT EMBODIES THE SPIRIT OF 'SPECTACLE ON A GLOBAL STAGE' WITHIN THE CONSTRUCT OF NEW YORK CITY THAT IMPACTS GUESTS AND PLAYERS ALIKE BOTH EMOTIONALLY AND PHYSICALLY.





100 FT





100 FT



## ARTHUR ASHE RENOVATIONS



ANTICIPATED CONSTRUCTION 2024-2027

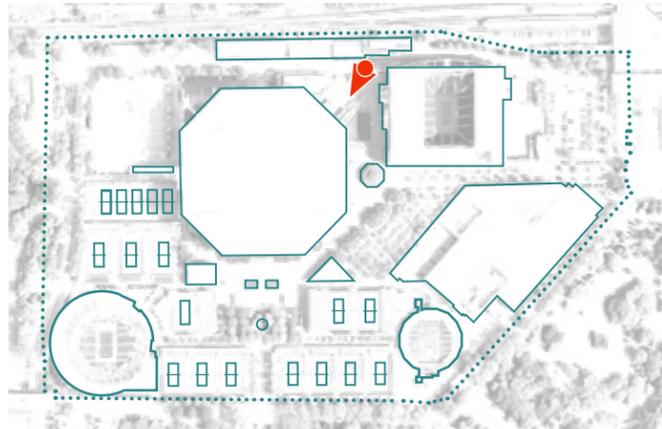
# ARTHUR ASHE RENOVATIONS:

THE ULTIMATE ENTERTAINMENT VENUE THAT ENCOMPASSES THE PRESCRIBED NYC VERSION OF 'GLOBAL SPECTACLE' PROVIDES VARIABLE PATHS OF CURATED EXPERIENCES RANGING FROM THE ULTRA-LUXURIOUS, STREET TO SEAT HANDLING TO THE INDEPENDENCE OF SELF-GUIDED TOURING OF VENUE AMENITIES.

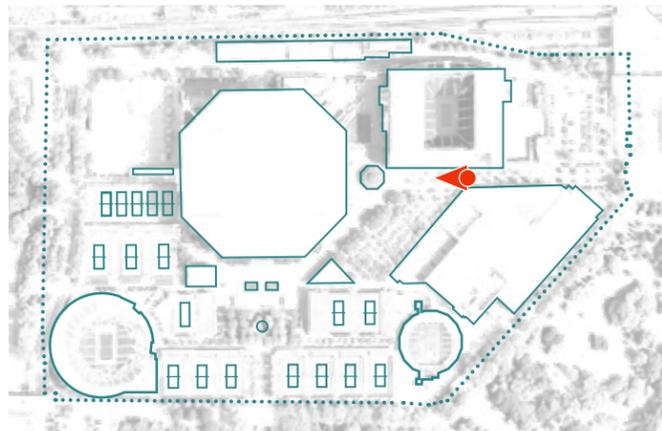




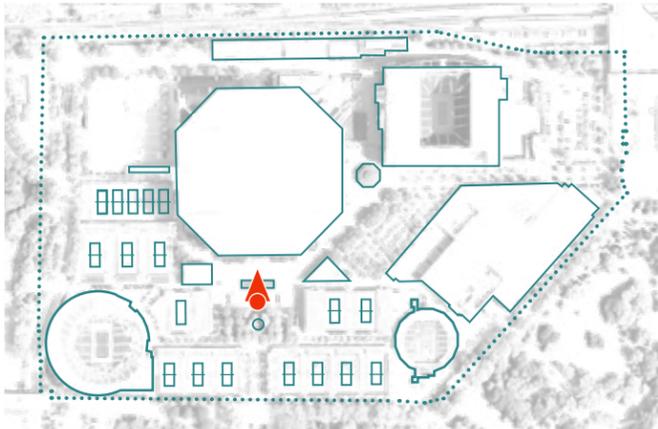
**EXISTING CONDITION |** LOOKING TOWARDS ASHE FROM MERIDIAN ROAD  
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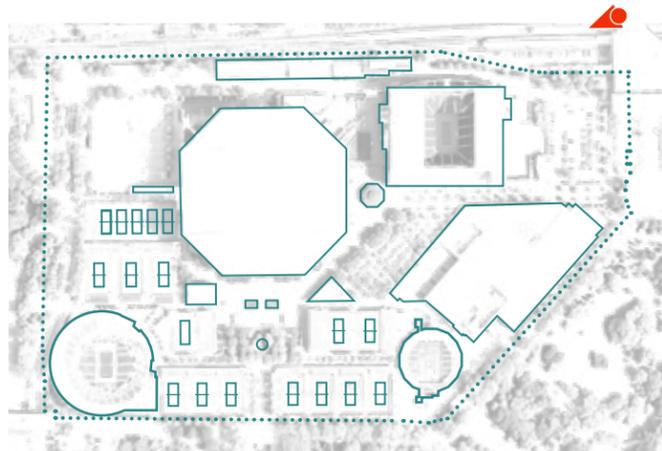
**EXISTING CONDITION |** LOOKING TOWARDS ASHE FROM THE NORTHEAST LOADING DOCK  
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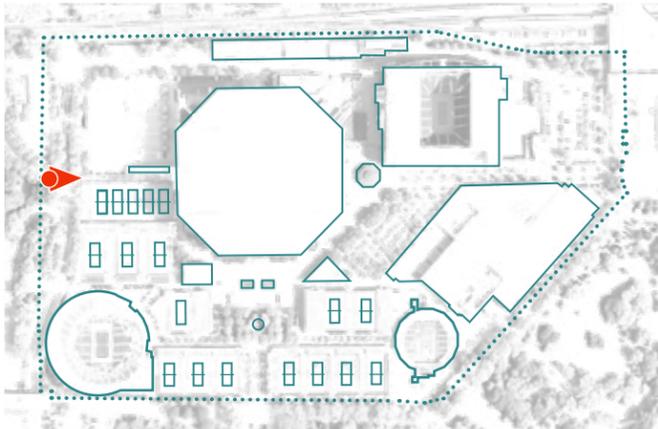
**EXISTING CONDITION | LOOKING TOWARDS ASHE FROM THE EAST PROMENADE**  
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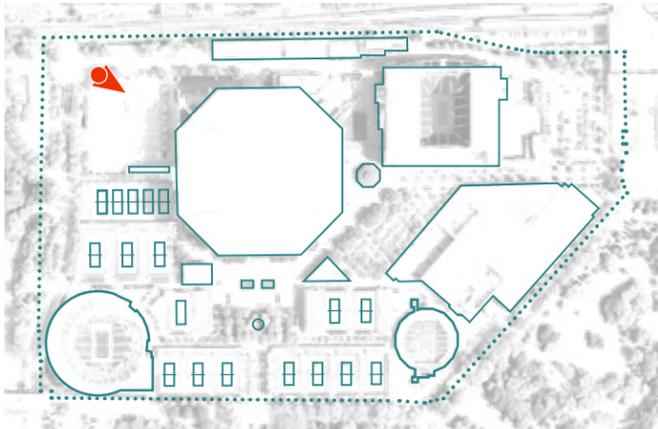
EXISTING CONDITION | LOOKING TOWARDS ASHE FROM THE SOUTH PLAZA  
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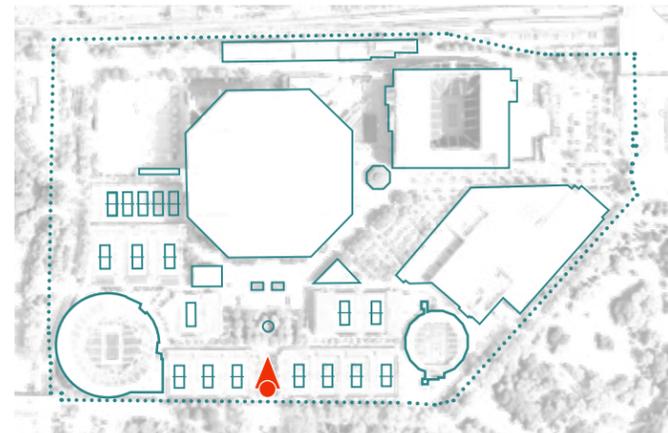
**EXISTING CONDITION | LOOKING TOWARDS ASHE FROM THE BOARDWALK**  
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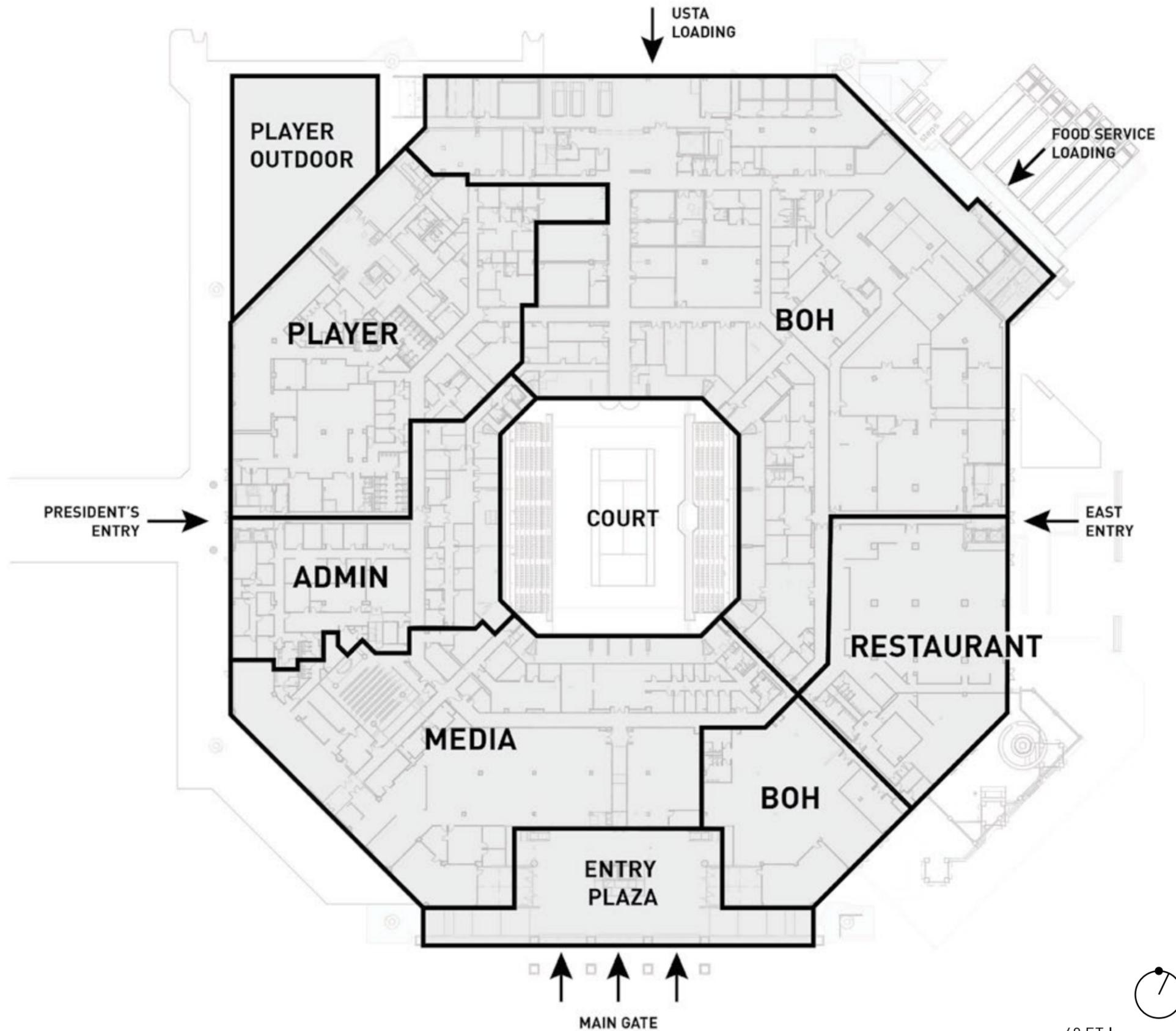
**EXISTING CONDITION | LOOKING TOWARDS WEST PORTAL FROM MERIDIAN ROAD**  
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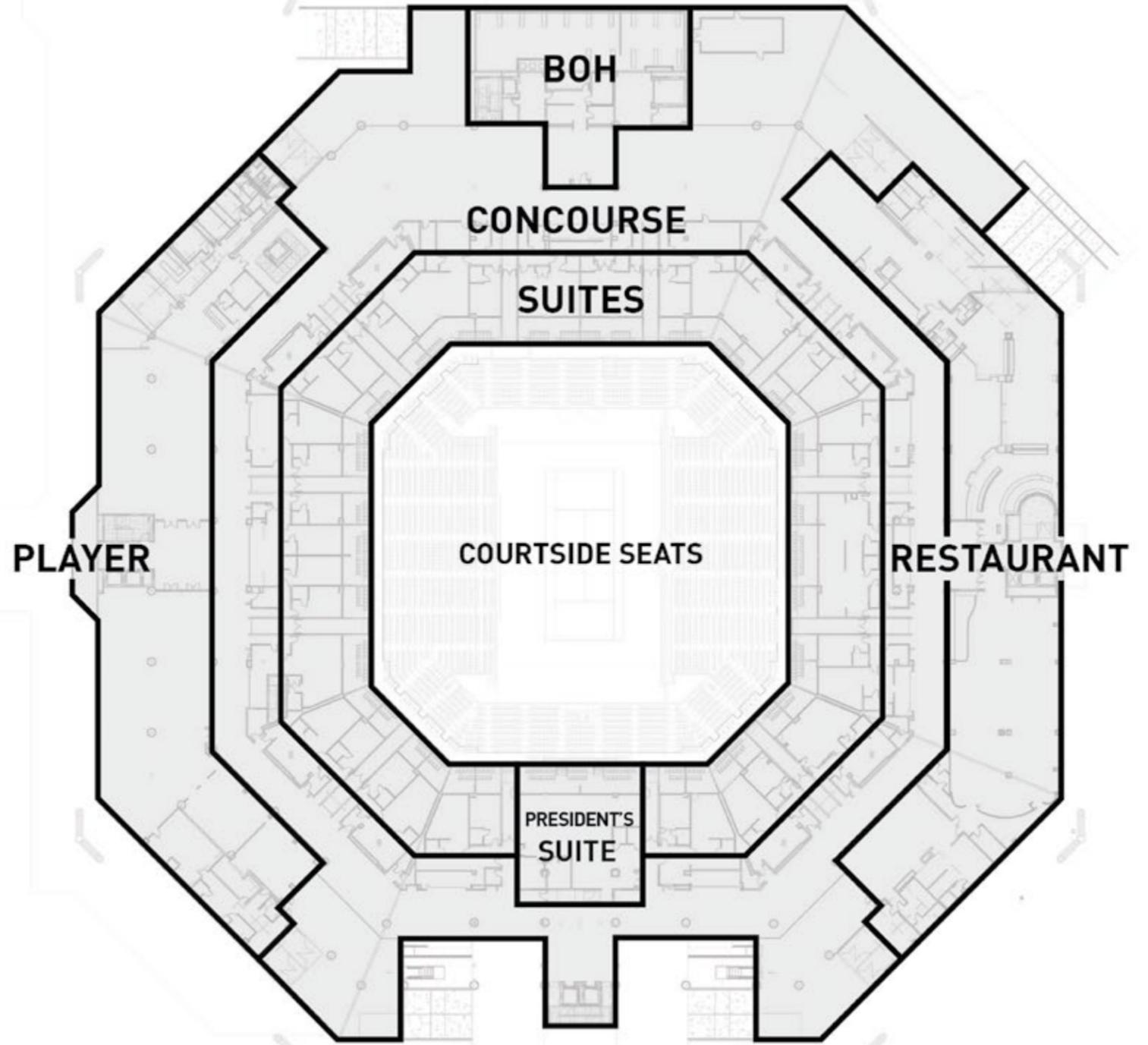


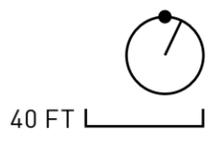
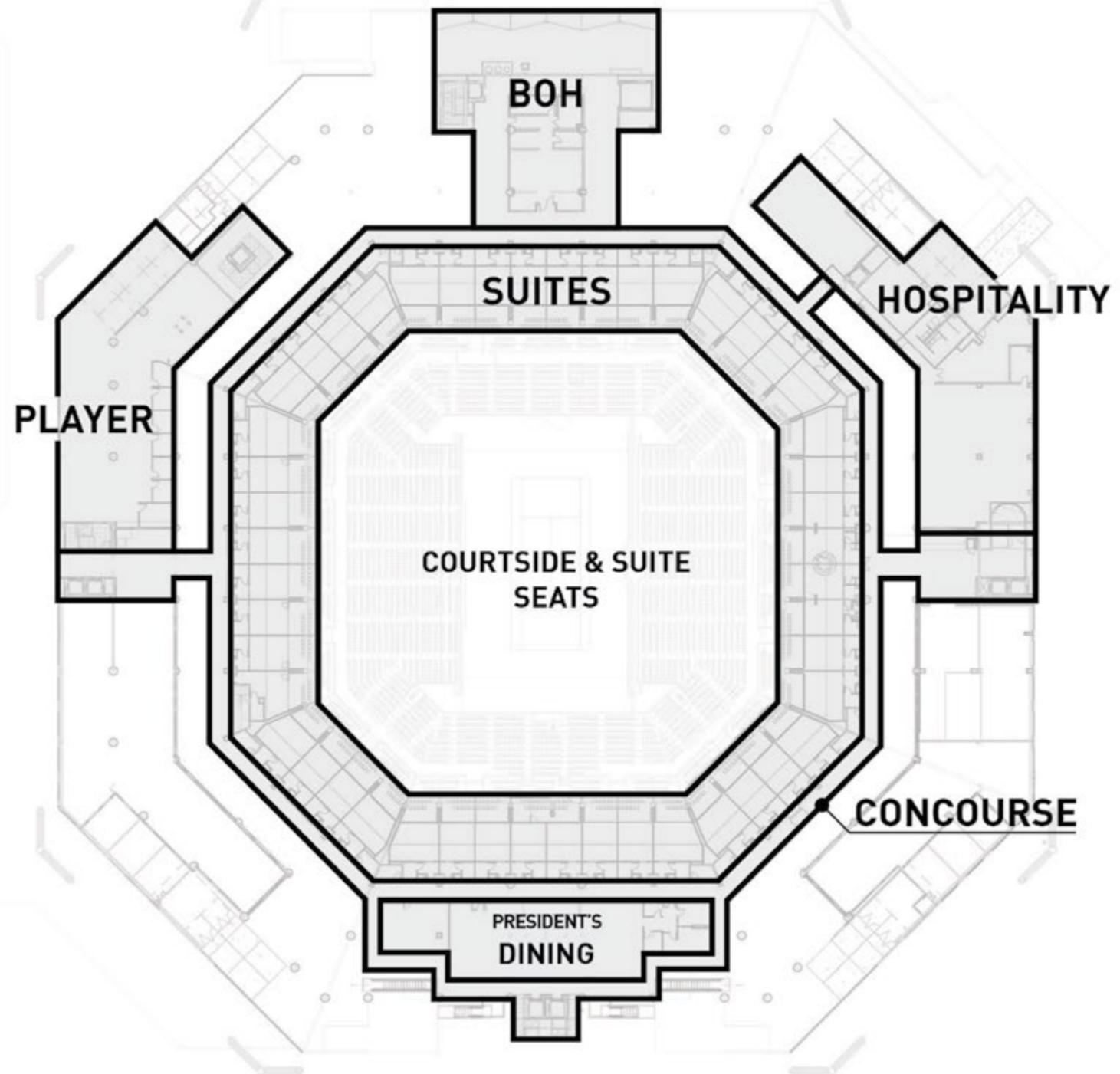
**EXISTING CONDITION |** LOOKING TOWARDS ASHE FROM THE NORTHWEST PARKING LOT  
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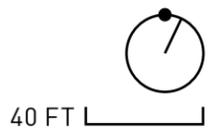
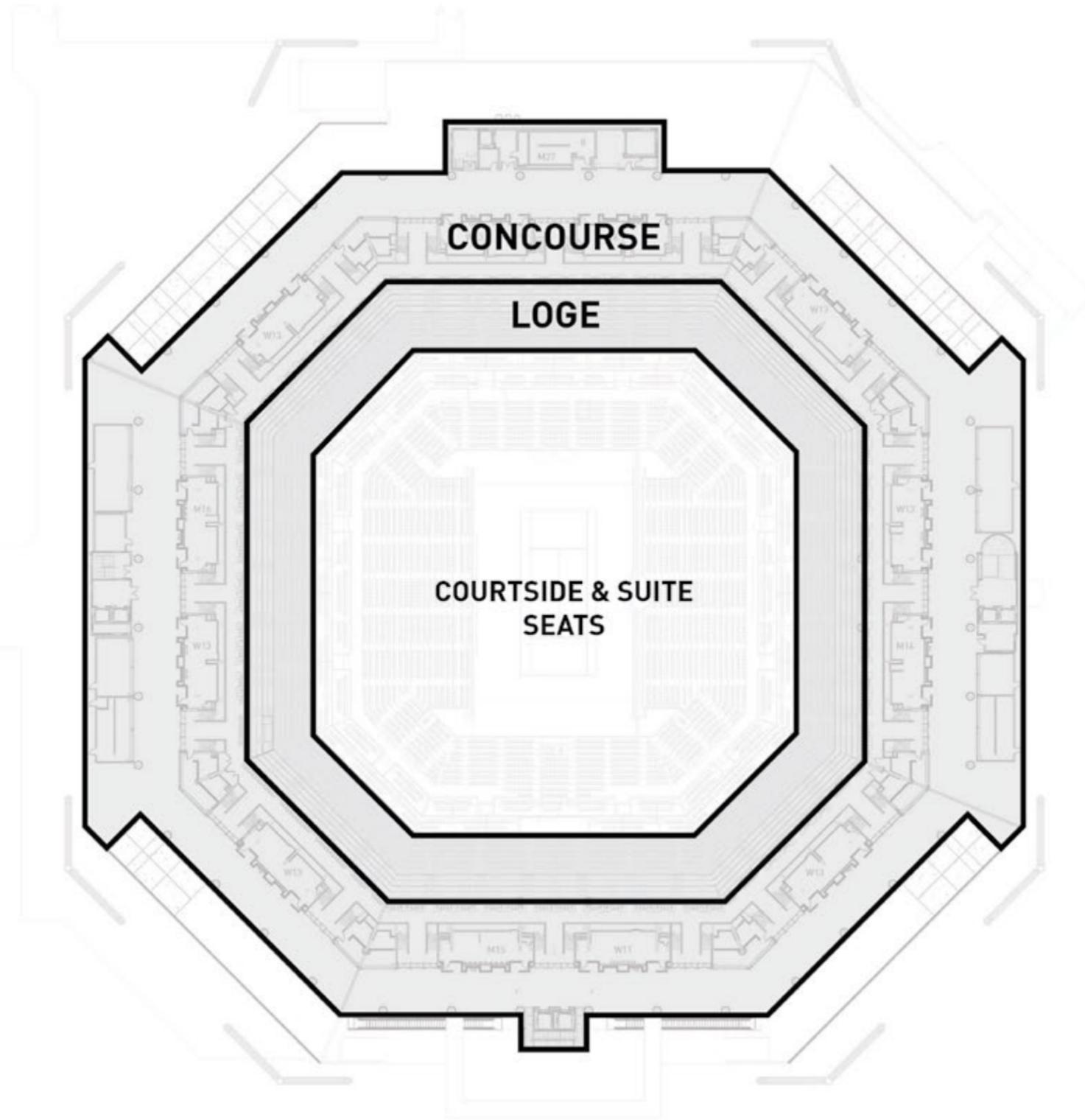


EXISTING CONDITION | LOOKING TOWARDS ASHE FROM THE SOUTH ENTRANCE  
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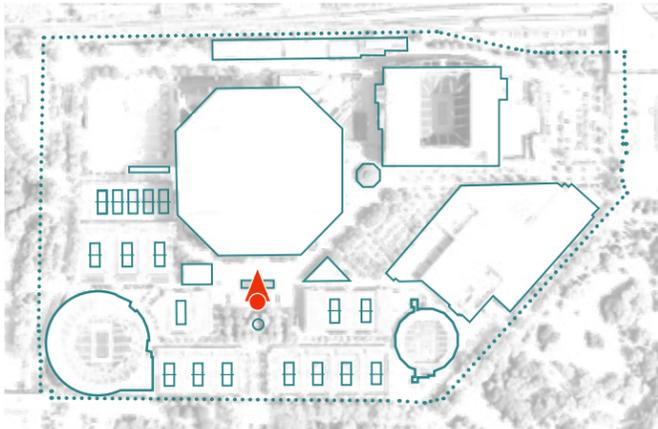










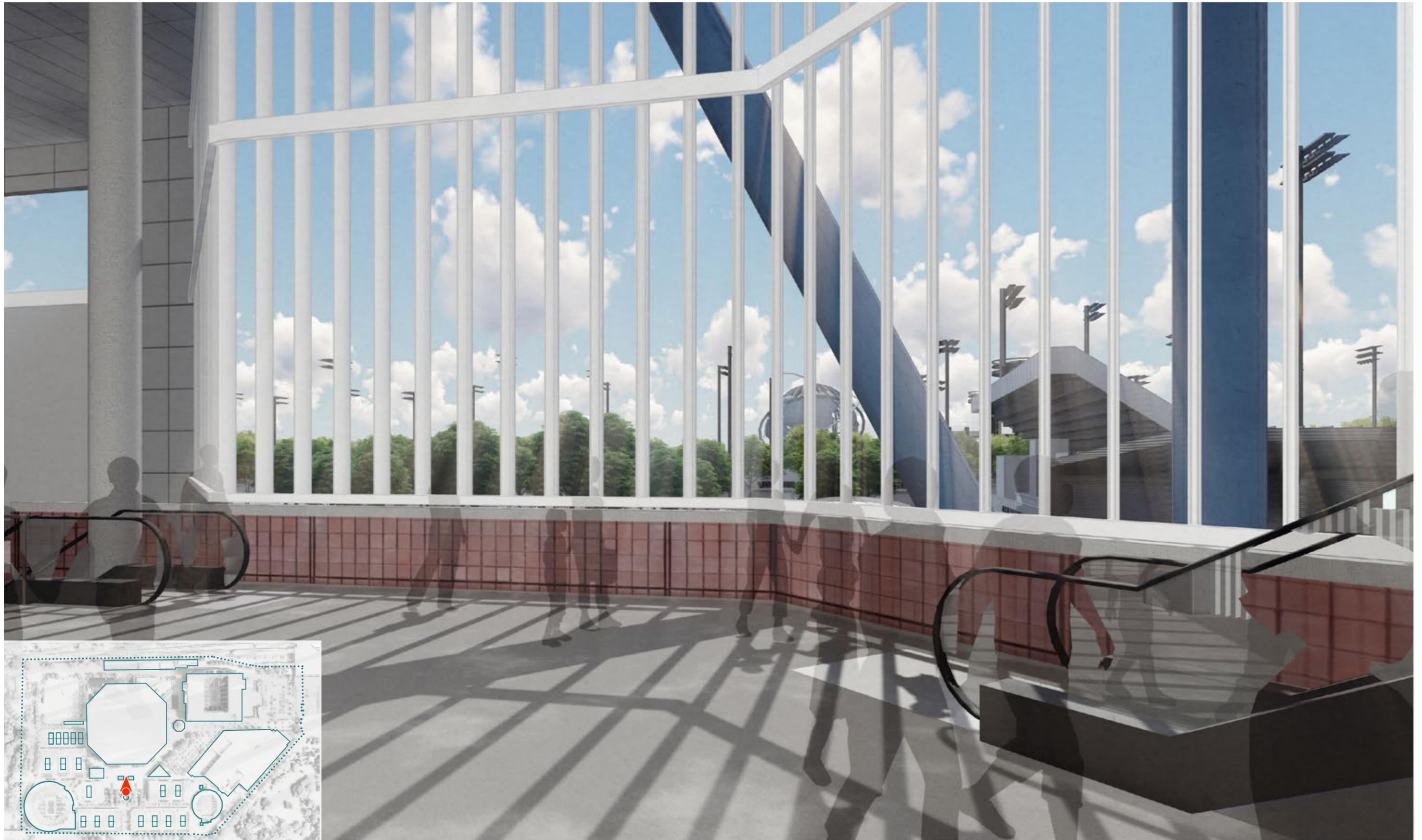


**EXISTING CONDITION |** LOOKING TOWARDS ASHE FROM THE SOUTH PLAZA  
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**SOUTH PORTAL VIEW**

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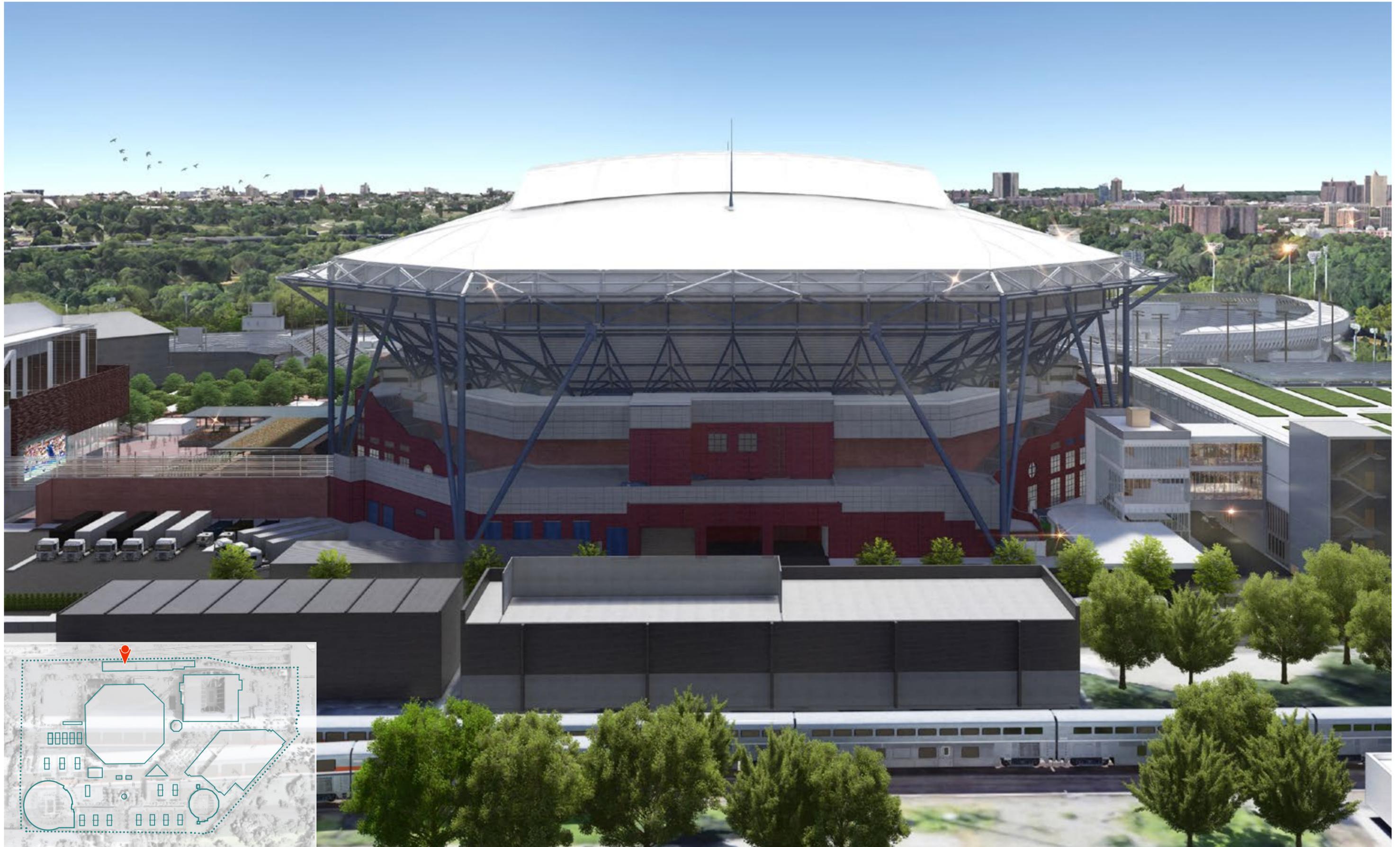
**SOUTH PORTAL INTERIOR**

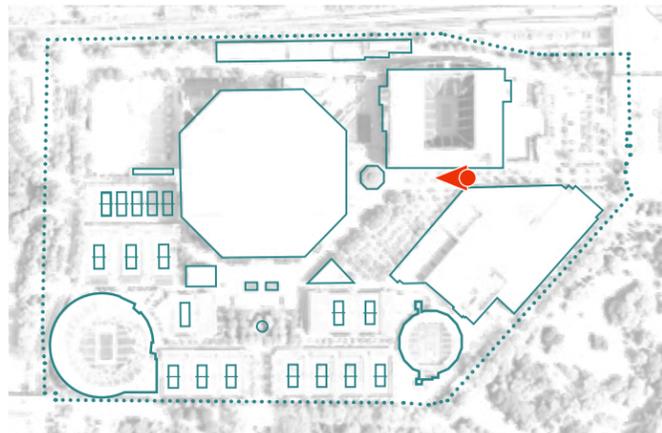
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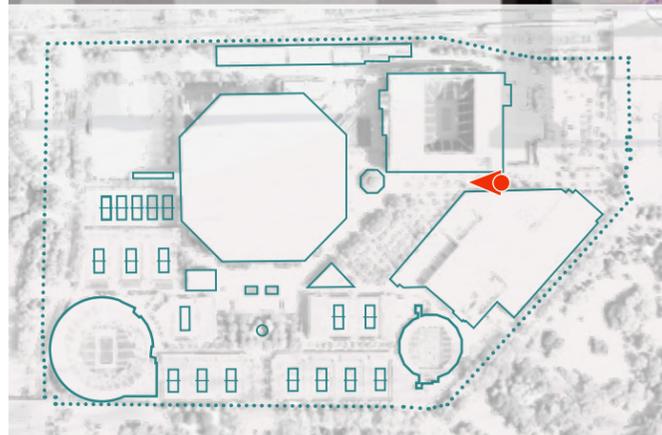
**SOUTH PORTAL BAR VIEW**

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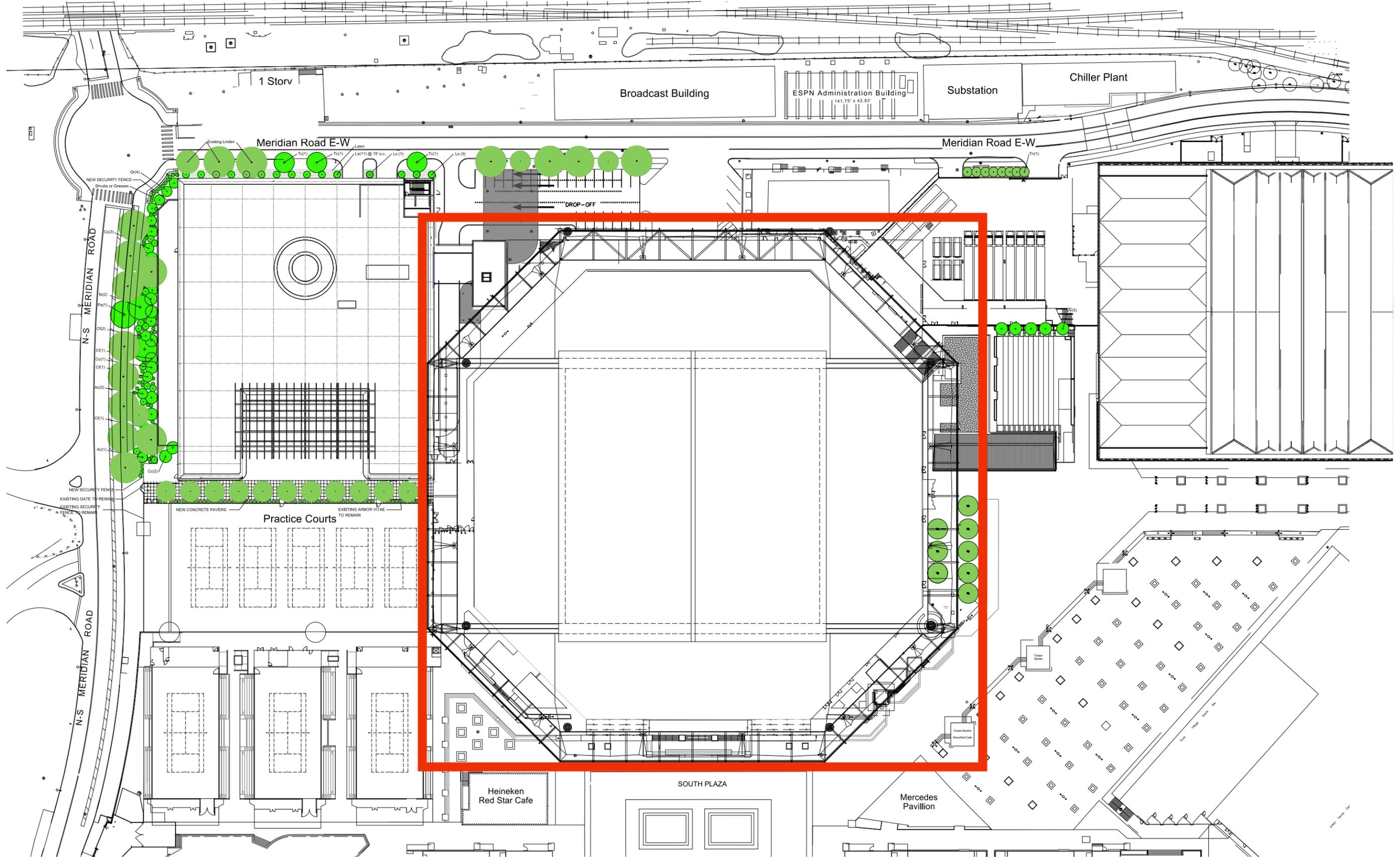
**EXISTING CONDITION | LOOKING TOWARDS ASHE FROM THE EAST PROMENADE**  
APRIL 08, 2024 • CONCEPTUAL REVIEW • ARTHUR ASHE RENOVATIONS





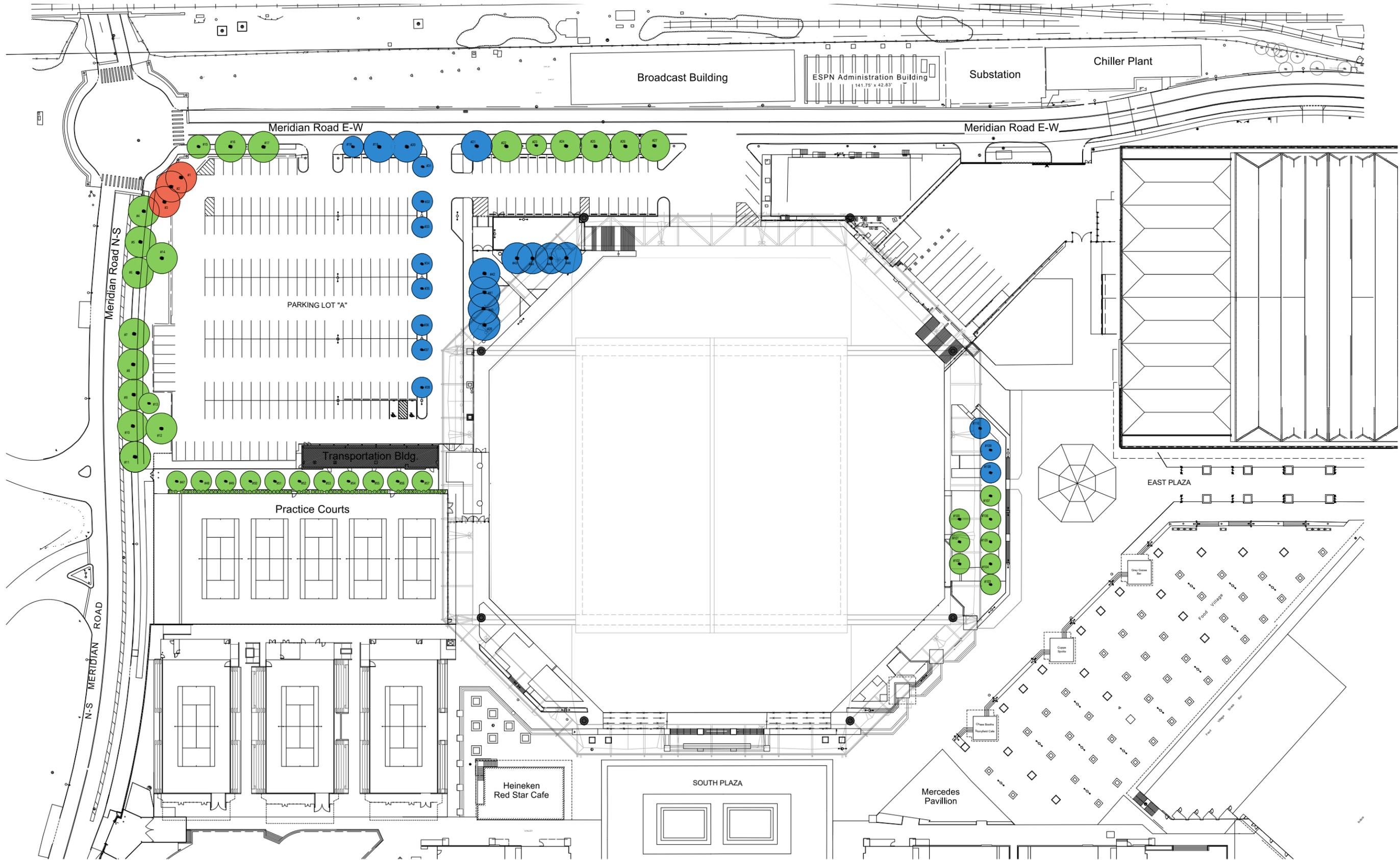


**PROPOSED VIEW | NORTH VIEW FROM MERIDIAN**  
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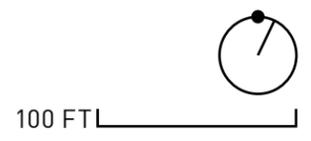


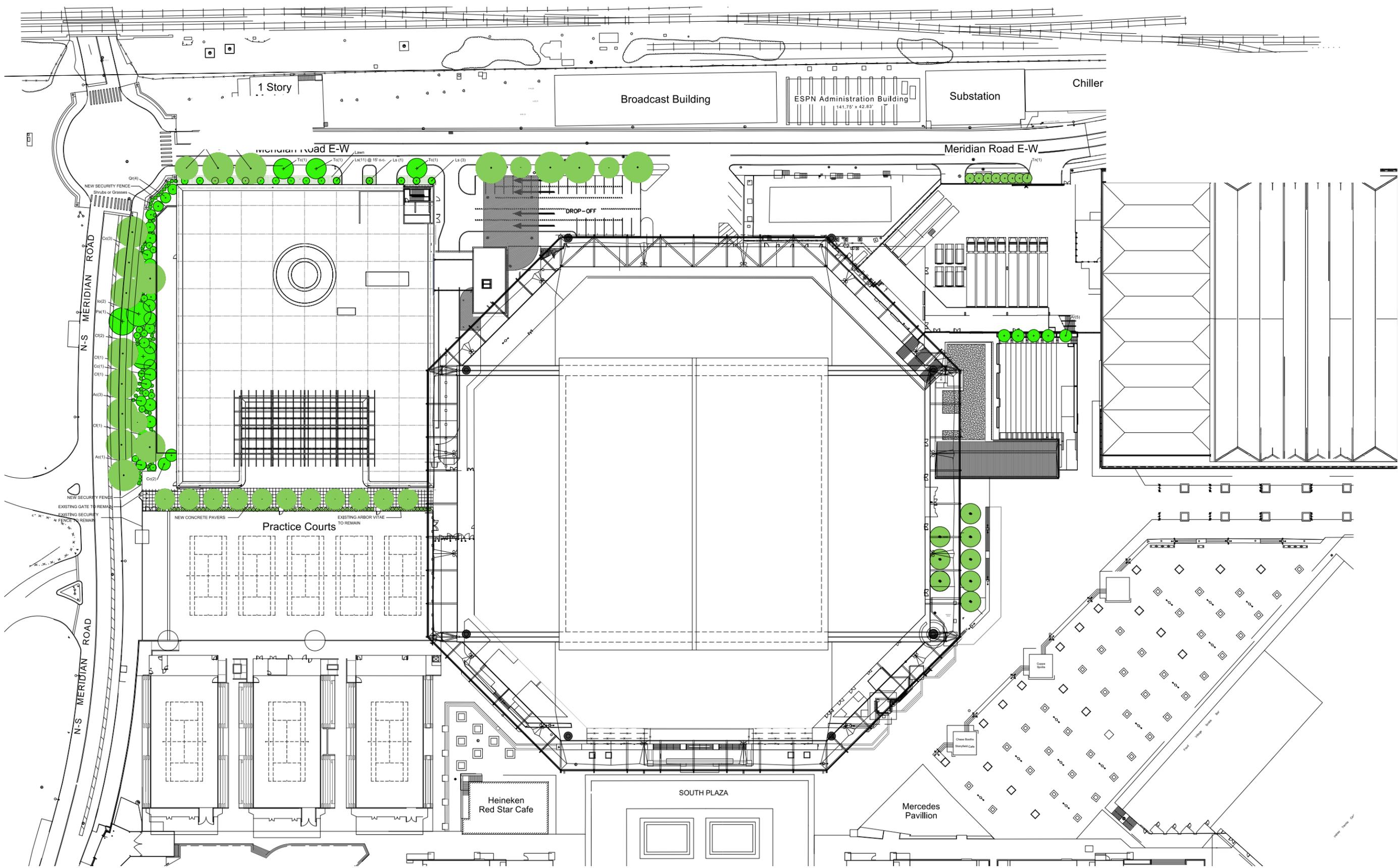
100 FT





● LEGEND EXISTING TREE   
 ● TRANSPLANT TREE   
 ● REMOVE TREE





LEGEND  
 EXISTING TREE   
  NEW TREE   
  NEW SHRUB

100 FT

# TREE DISPOSITION SCHEDULE

TREE ID #	SCIENTIFIC NAME	COMMON NAME	REMAIN	REMOVAL	TRANSPLANT	DIA.
1	<i>Prunus kwanzan</i>	Japanese Flowering Cherry		X		15
2	<i>Prunus kwanzan</i>	Japanese Flowering Cherry		X		20
3	<i>Prunus kwanzan</i>	Japanese Flowering Cherry		X		15
4	<i>Platanus acerifolia</i>	London Plan Tree	X			13
5	<i>Platanus acerifolia</i>	London Plan Tree	X			13
6	<i>Platanus acerifolia</i>	London Plan Tree	X			12
7	<i>Platanus acerifolia</i>	London Plan Tree	X			15
8	<i>Platanus acerifolia</i>	London Plan Tree	X			12
9	<i>Platanus acerifolia</i>	London Plan Tree	X			11
10	<i>Platanus acerifolia</i>	London Plan Tree	X			11
11	<i>Platanus acerifolia</i>	London Plan Tree	X			12
12	<i>Quercus palustris</i>	Pin Oak	X			17
13	<i>A. palmatum denticatum</i>	Japanese Maple	X			6
14	<i>Quercus palustris</i>	Pin Oak	X			17
15	<i>Tilia cordata</i>	Little-Leaf Linden	X			15
16	<i>Tilia cordata</i>	Little-Leaf Linden	X			16
17	<i>Tilia cordata</i>	Little-Leaf Linden	X			18
18	<i>Tilia cordata</i>	Little-Leaf Linden			X	7
19	<i>Tilia cordata</i>	Little-Leaf Linden			X	18
20	<i>Tilia cordata</i>	Little-Leaf Linden			X	15
21	<i>Tilia cordata</i>	Little-Leaf Linden			X	10
22	<i>Tilia cordata</i>	Little-Leaf Linden	X			11
23	<i>Tilia cordata</i>	Little-Leaf Linden	X			6
24	<i>Tilia cordata</i>	Little-Leaf Linden	X			11
25	<i>Tilia cordata</i>	Little-Leaf Linden	X			11
26	<i>Tilia cordata</i>	Little-Leaf Linden	X			11
27	<i>Tilia cordata</i>	Little-Leaf Linden	X			11
28	<i>Tilia cordata</i>	Little-Leaf Linden	X			11
29	<i>Tilia cordata</i>	Little-Leaf Linden	X			11
30	<i>Tilia cordata</i>	Little-Leaf Linden	X			11
31	<i>Tilia cordata</i>	Little-Leaf Linden			X	8
32	<i>Tilia cordata</i>	Little-Leaf Linden			X	8
33	<i>Tilia cordata</i>	Little-Leaf Linden			X	8
34	<i>Tilia cordata</i>	Little-Leaf Linden			X	8
35	<i>Tilia cordata</i>	Little-Leaf Linden			X	8
36	<i>Tilia cordata</i>	Little-Leaf Linden			X	8
37	<i>Tilia cordata</i>	Little-Leaf Linden			X	8
38	<i>Tilia cordata</i>	Little-Leaf Linden			X	8
39	<i>Prunus kwanzan</i>	Japanese Flowering Cherry	X			11
40	<i>Prunus kwanzan</i>	Japanese Flowering Cherry	X			11
41	<i>Prunus kwanzan</i>	Japanese Flowering Cherry	X			11
42	<i>Prunus kwanzan</i>	Japanese Flowering Cherry	X			11
43	<i>Prunus kwanzan</i>	Japanese Flowering Cherry	X			11
44	<i>Prunus kwanzan</i>	Japanese Flowering Cherry	X			11
45	<i>Prunus kwanzan</i>	Japanese Flowering Cherry	X			11
46	<i>Prunus kwanzan</i>	Japanese Flowering Cherry	X			11
47	<i>Gled. triacanthos inermis</i>	Honey Locust	X			10
48	<i>Gled. triacanthos inermis</i>	Honey Locust	X			10
49	<i>Gled. triacanthos inermis</i>	Honey Locust	X			10
50	<i>Gled. triacanthos inermis</i>	Honey Locust	X			10
51	<i>Gled. triacanthos inermis</i>	Honey Locust	X			10
52	<i>Gled. triacanthos inermis</i>	Honey Locust	X			10
53	<i>Gled. triacanthos inermis</i>	Honey Locust	X			10
54	<i>Gled. triacanthos inermis</i>	Honey Locust	X			10
55	<i>Gled. triacanthos inermis</i>	Honey Locust	X			10
56	<i>Gled. triacanthos inermis</i>	Honey Locust	X			10
57	<i>Gled. triacanthos inermis</i>	Honey Locust	X			10

TREE ID #	SCIENTIFIC NAME	COMMON NAME	REMAIN	REMOVAL	TRANSPLANT	DIA.
100	<i>Gled. triacanthos inermis</i>	Honey Locust	X			8
101	<i>Gled. triacanthos inermis</i>	Honey Locust	X			8
102	<i>Gled. triacanthos inermis</i>	Honey Locust	X			8
103	<i>Gled. triacanthos inermis</i>	Honey Locust	X			8
104	<i>Gled. triacanthos inermis</i>	Honey Locust	X			8
105	<i>Gled. triacanthos inermis</i>	Honey Locust	X			8
106	<i>Gled. triacanthos inermis</i>	Honey Locust	X			8
107	<i>Gled. triacanthos inermis</i>	Honey Locust	X			8
108	<i>Gled. triacanthos inermis</i>	Honey Locust			X	8
109	<i>Gled. triacanthos inermis</i>	Honey Locust			X	8
110	<i>Gled. triacanthos inermis</i>	Honey Locust			X	8

# TREE PLANTING SCHEDULE

KEY	QTY (TOTAL)	DESCRIPTION	SIZE	NOTES
<b>DECIDUOUS TREES</b>				
Ar	5	<i>Acer rubrum</i> 'Armstrong'	Armstrong Maple	4"-4.5" caliper
Pa	1	<i>Platanus acerifolia</i>	London Plane Tree	5.5"-6" caliper
Qr	4	<i>Quercus robur</i> x <i>bicolor</i> 'Long'	Regal Prince Oak	4"-4.5" caliper
Tc	3	<i>Tilia cordata</i>	Little-leaf Linden	4"-4.5" caliper
<b>EVERGREEN TREES</b>				
Io	2	<i>Ilex opaca</i>	American Holly	7'-8' Ht.
Tn	8	<i>Thuja occidentalis</i> 'Nigra'	American Arbor Vitae	10'-12' Ht.
<b>DECIDUOUS TREES</b>				
Ac	4	<i>Amelanchier canadensis</i>	Serviceberry	9'-10' Ht.
Cc	6	<i>Cercis canadensis</i>	Eastern Redbud	3"-3.5" caliper
Cf	5	<i>Cornus florida</i>	Flowering Dogwood	3"-3.5" caliper

# PROPOSED MATERIALS

## Paving

## Use / Location

## Description

Asphalt

Vehicular roads, driveways, drop-off and loading areas

Bituminous concrete vehicular surface



Concrete Pavers

Player drop-off and other pedestrian spaces

Concrete unit pavers in various square and rectangular sizes



Poured Concrete

Walkways, steps, ramps, and curbs

Poured in place scored concrete



# PROPOSED MATERIALS

## Paving

Asphalt Block (8" square and 8" hexagonal)

## Use / Location

Primary paving material for the pedestrian plazas

## Description

Asphalt block pavers have been used throughout the USTA Billie Jean King campus for many years. For this project, both gray and red asphalt pavers will be used to match the colors and patterns of the existing pavers.



Concrete Pavers

Pedestrian plaza areas adjacent to Ashe Stadium

Concrete Unit Pavers in various square and rectangular sizes



Poured Concrete

Steps and ramps

Poured in place scored concrete



# PROPOSED MATERIALS

## Plants

## Use / Location

## Description

Deciduous Shade Trees

North and west sides of the Player Performance Building along Meridian Road.

New 3"-4" caliper shade trees such as *Quercus imbricaria* (Shingle Oak), *Acer rubrum* 'Armstrong' (Armstrong Red Maple), and *Gleditsia triacanthos* 'Inermis' (Thornless honeylocust) to provide shade and upper level screening.



Flowering Trees

Site perimeter along Meridian Road on the north and west sides of the Player Performance Building.

New 8'-10' high understory trees such as *Cercis canadensis* (Eastern Redbud), *Cornus florida* (Flowering Dogwood), and *Amelanchier canadensis* (Serviceberry) to provide mid-level screening between the shrub layer and the shade tree canopies



Shrubs

Planted areas to provide lower level visual screening of the Player Performance Building and vehicular circulation areas from Meridian Road along the western and northern property boundaries.

Native deciduous and evergreen shrubs ranging from 3'- 8' in height to screen views along the site perimeter.



# PROPOSED MATERIALS

## Plants

## Use / Location

## Description

Columnar Trees

Along the northern edge of the amphitheater to provide visual screening for the wall and sound mitigation for the loading dock

New 4"-5" caliper shade trees such as Quercus robur 'Fastigiata' (English Oak) or Acer rubrum 'Armstrong' (Armstrong Red Maple)



Shrubs

Between the steps and the wall at the northern end of the amphitheater as well as in raised planters and at-grade planting situations.

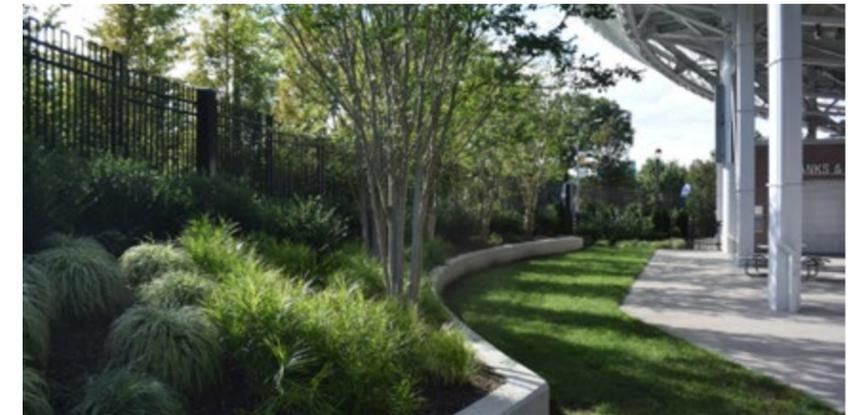
Native deciduous and evergreen shrubs ranging from 2'- 6' in height as a soft contrast to the surrounding hardscape, to help mitigate sound transmission, and to provide seasonal interest and color.



Ornamental Grasses, Groundcovers, Vines, and Perennials

Along the northern edge of the amphitheater as well as in raised planters and at-grade planting situations.

Low level plantings in tree pits and raised planters to supplement tree and shrub plantings and to provide more variety in terms of plant texture and color at the ground level. Vines will be planted to cover the 'Greenscreen.'



# PROPOSED MATERIALS

## Plants

## Use / Location

## Description

Deciduous Shade Trees

North side of Ashe Stadium along Meridian Road

New 3"-4" caliper shade trees such as Quercus imbricaria (Shingle Oak) or Acer rubrum 'Armstrong' (Armstrong Red Maple)



Shrubs

Planted areas to provide visual screening of the loading dock from Meridian Road and campus public areas.

Native deciduous and evergreen shrubs ranging from 2'- 6' in height to screen views of the loading dock and mitigate sound transmission.



## PROPOSED MATERIALS

### PERIMETER FENCE

Perimeter Fence

### Use / Location

Western site boundary from the existing west plaza gate to the north-western corner of the new Player Performance Building.

### Description

Black metal picket fence, 8 feet in height, to match the existing BJK NTC site perimeter security fence.



### LIGHTING

Pole Light

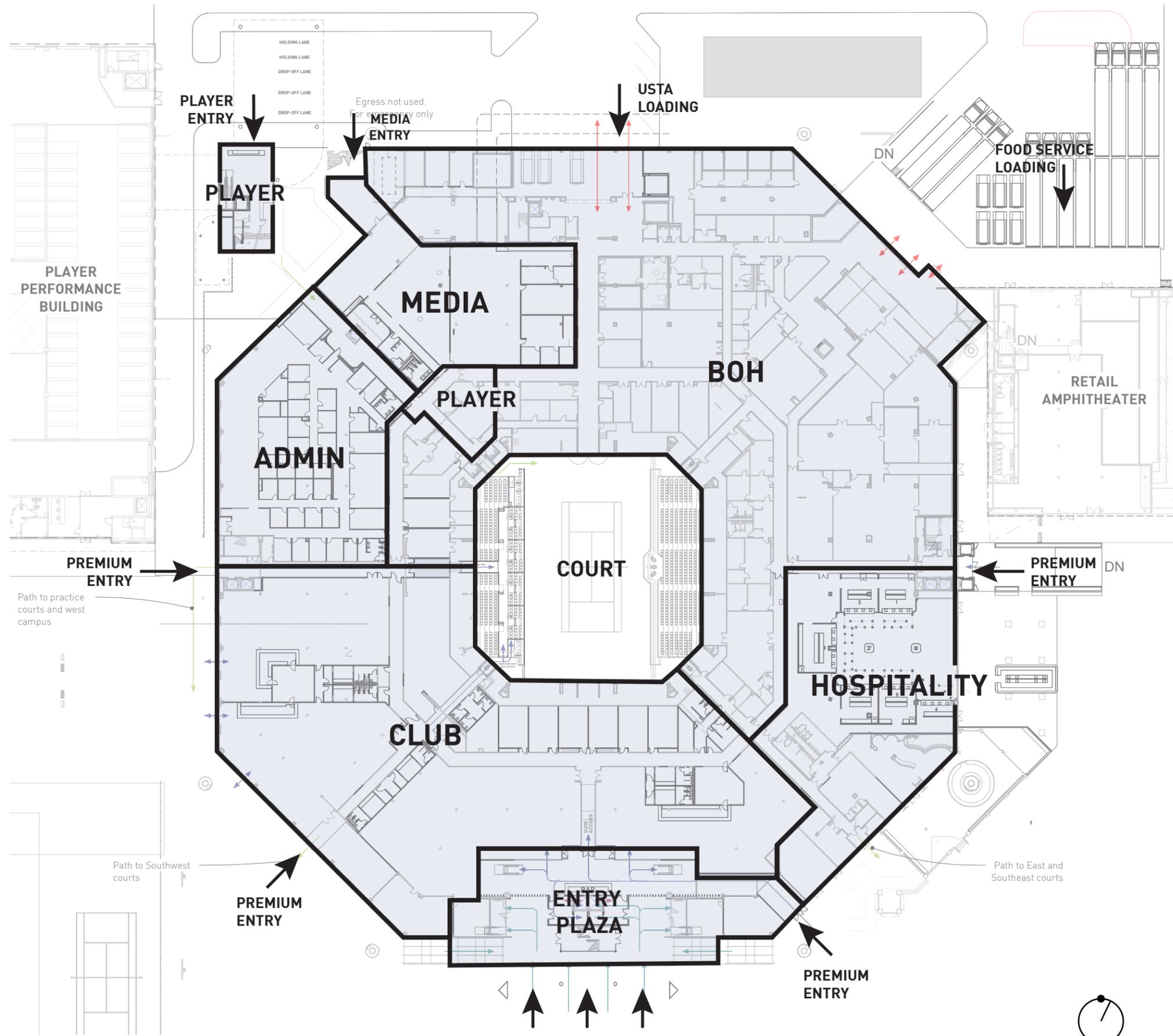
### Use / Location

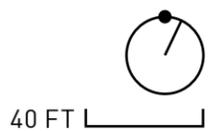
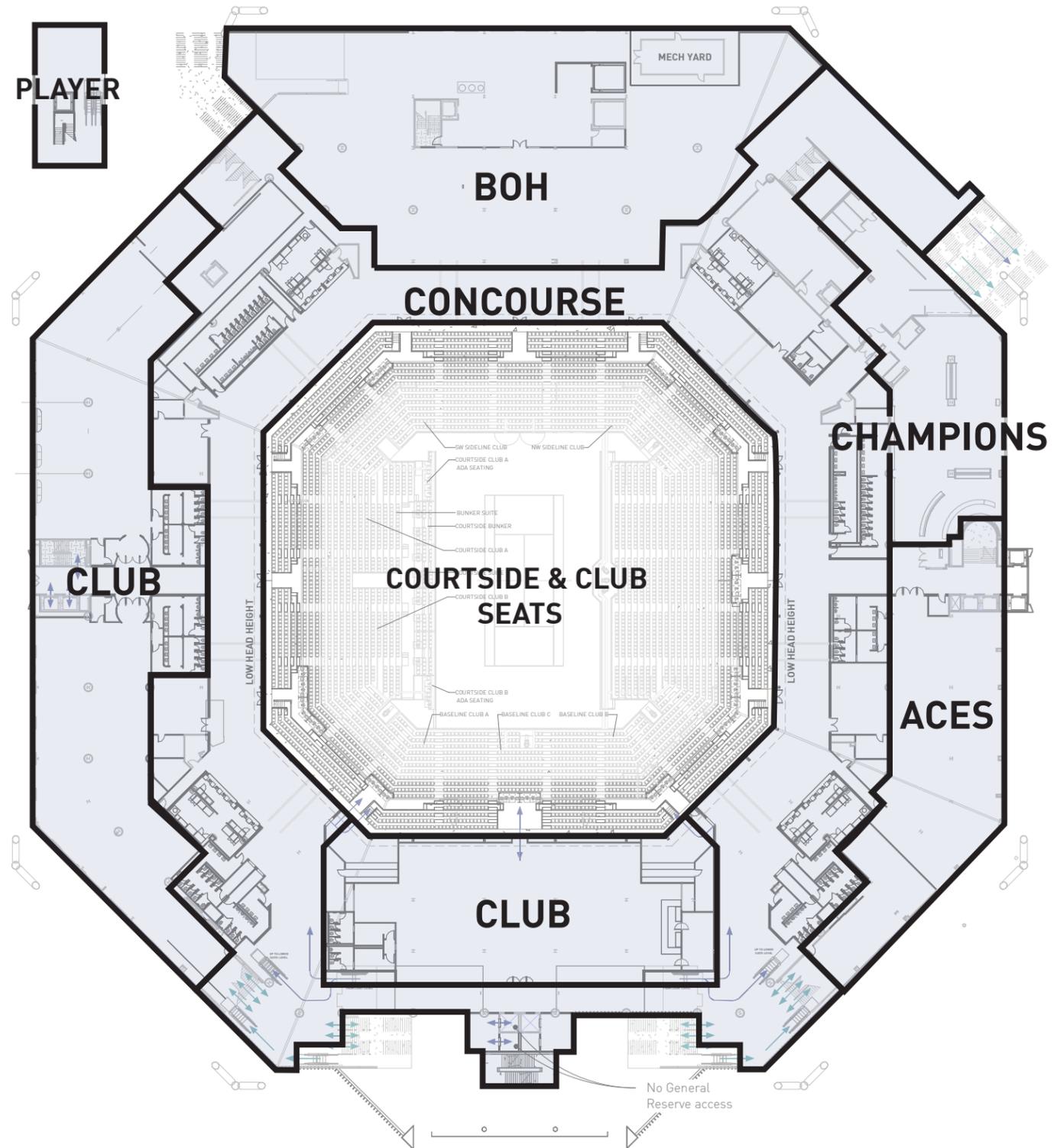
Pedestrian walkways and drop-off areas.

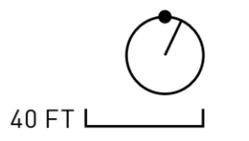
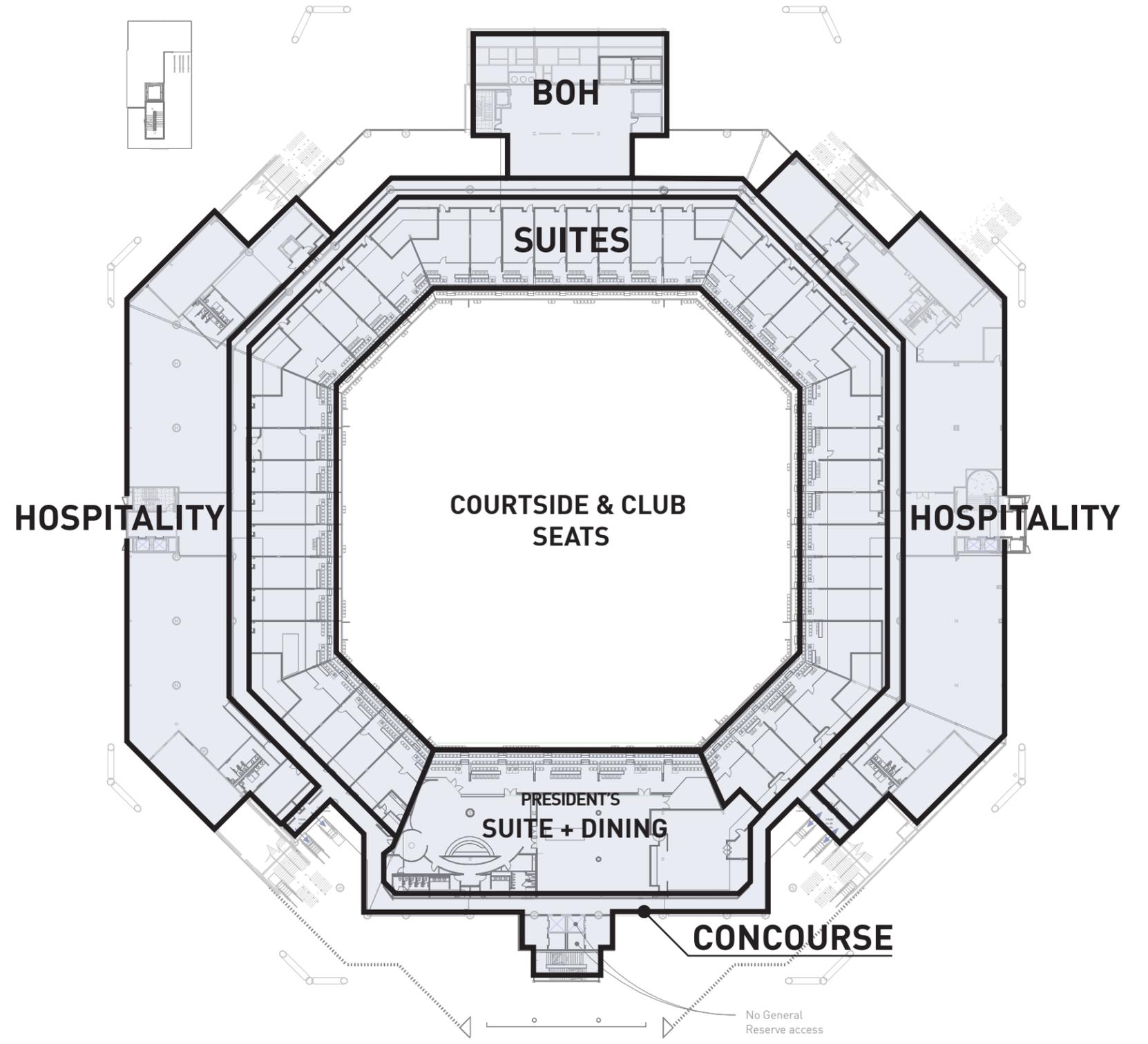
### Description

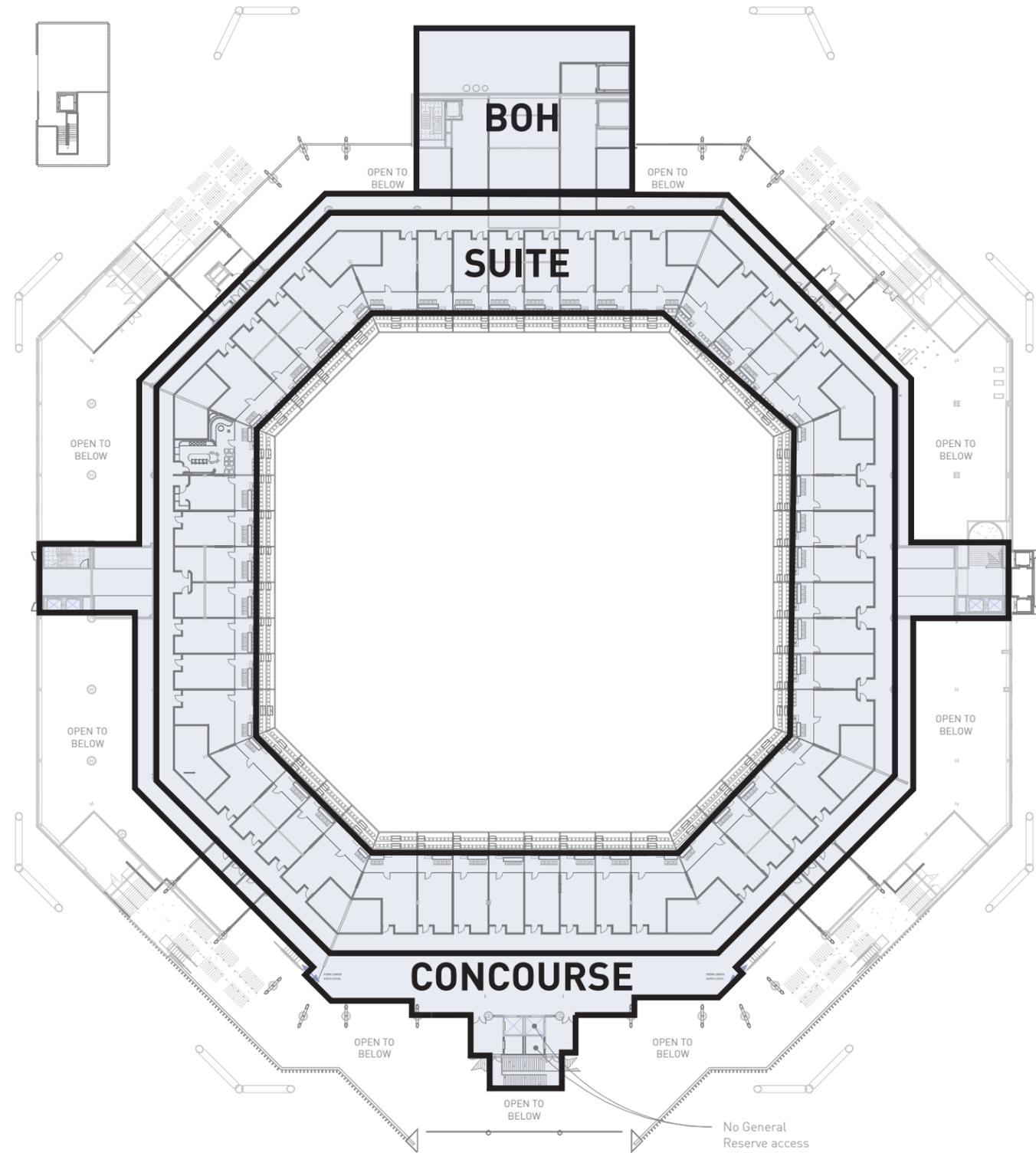
Manufactured by Selux, post mounted double short arm fixture, gray/silver, powder coated finish, LED luminaire, 16' height

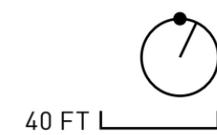
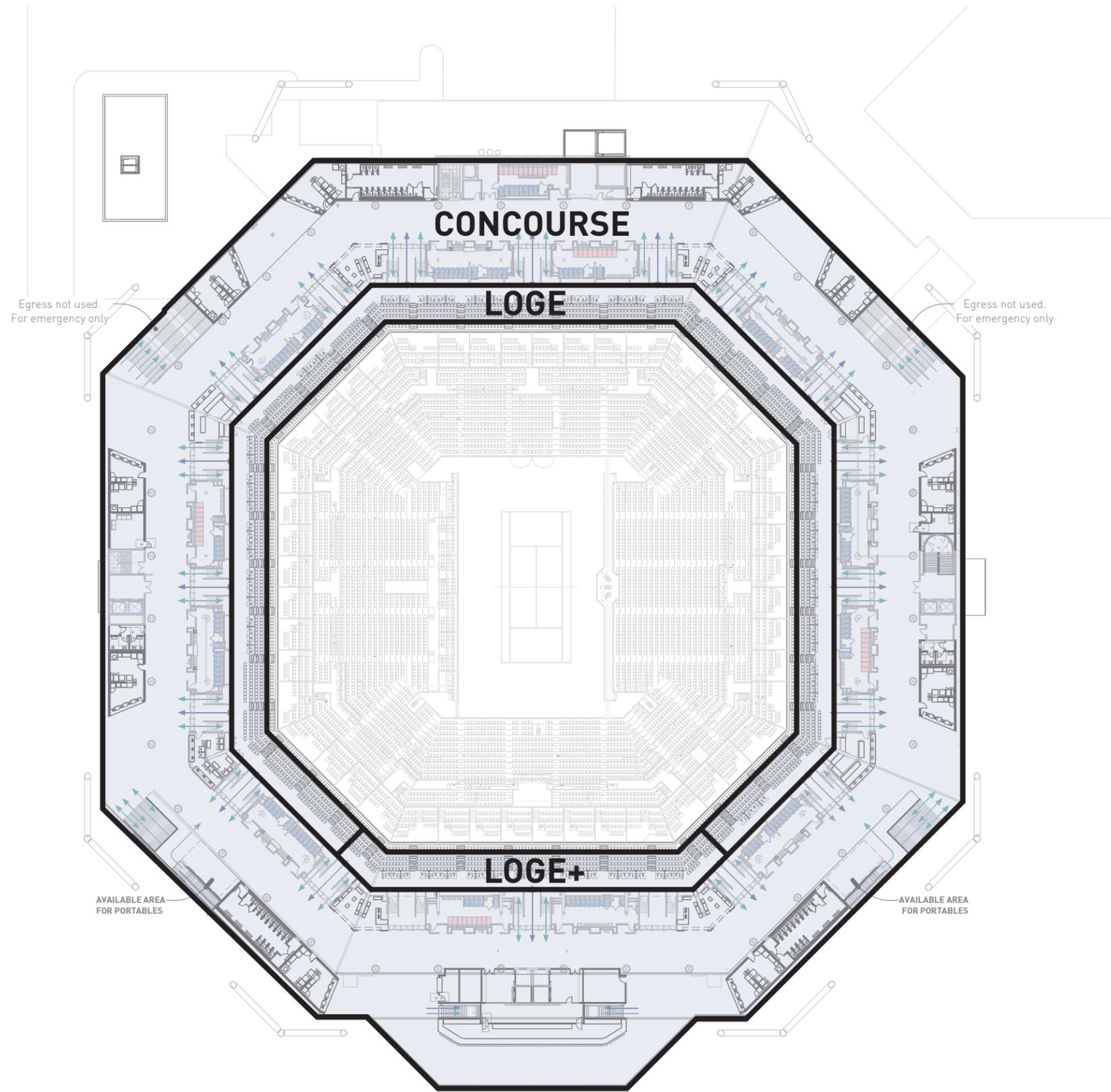


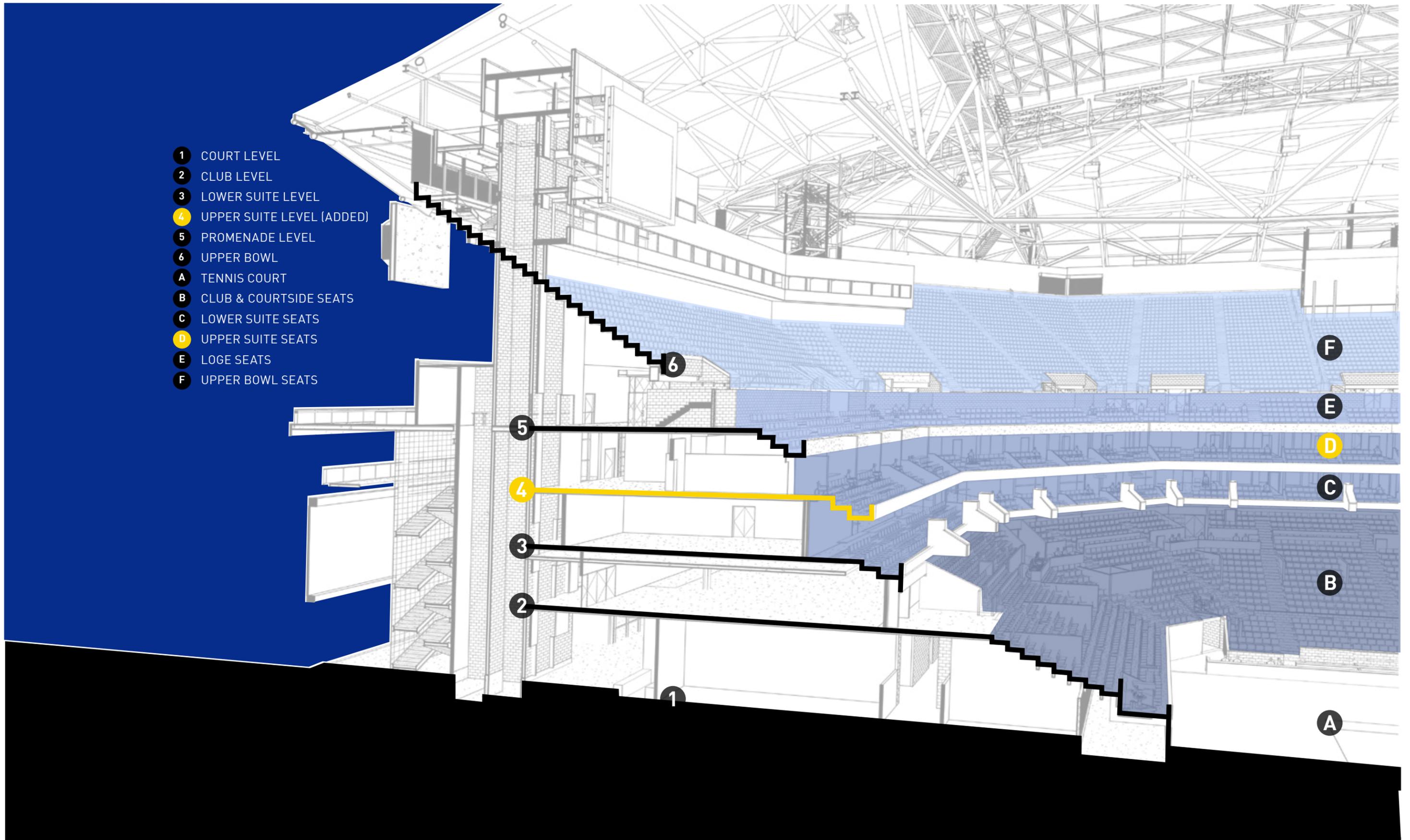












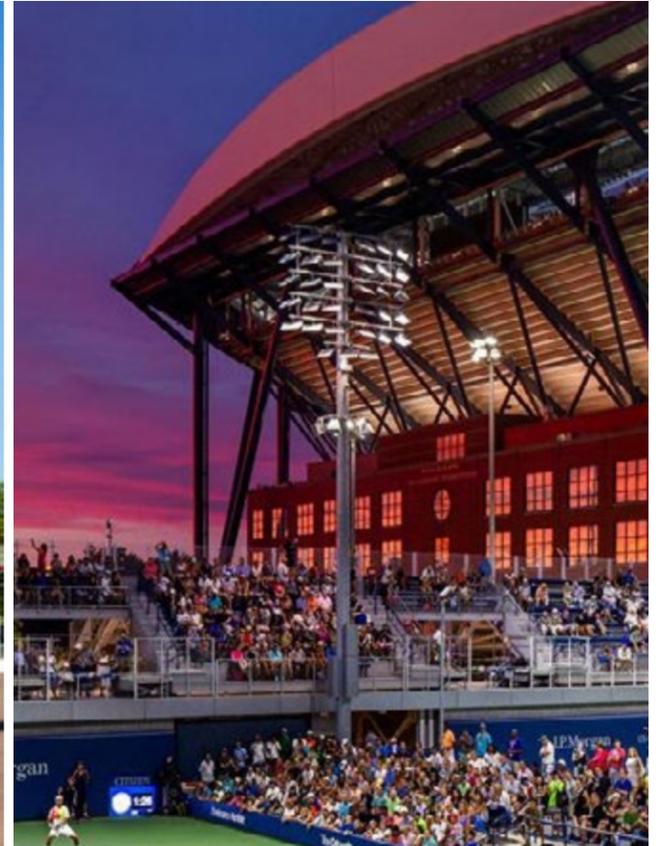
**PROPOSED SECTION DIAGRAM**

### Material Synergy

Arthur Ashe Stadium is a historic venue with a distinctive materials and expressive structural features. The proposed stadium preserves the majority of the existing red brick and glass and iconic blue structure. The lightweight, structural properties of the metal panels and fins were selected deliberately to complement the existing vocabulary. As a derivative of existing campus metal panels, these materials also harmonize the materiality of the campus with the stadium's signature terracotta panels. The final result is an iconic entry portal to the stadium. The wide spacing of the fins provides a more visually open experience than a mesh or screen material might while also maintaining the functional and code required open-air concourse.

### Campus Design Patterns

As the primary building, Arthur Ashe Stadium defines the design palate for stadiums on campus. In the proposed design, the existing and distinct terracotta, glass and blue steel are strengthened by filling in the void on the south side and defining the octagonal mass. The added infill is consistent with metal panels throughout campus, creating unity between the historic stadium and modern campus developments.



ALUMINUM FINS



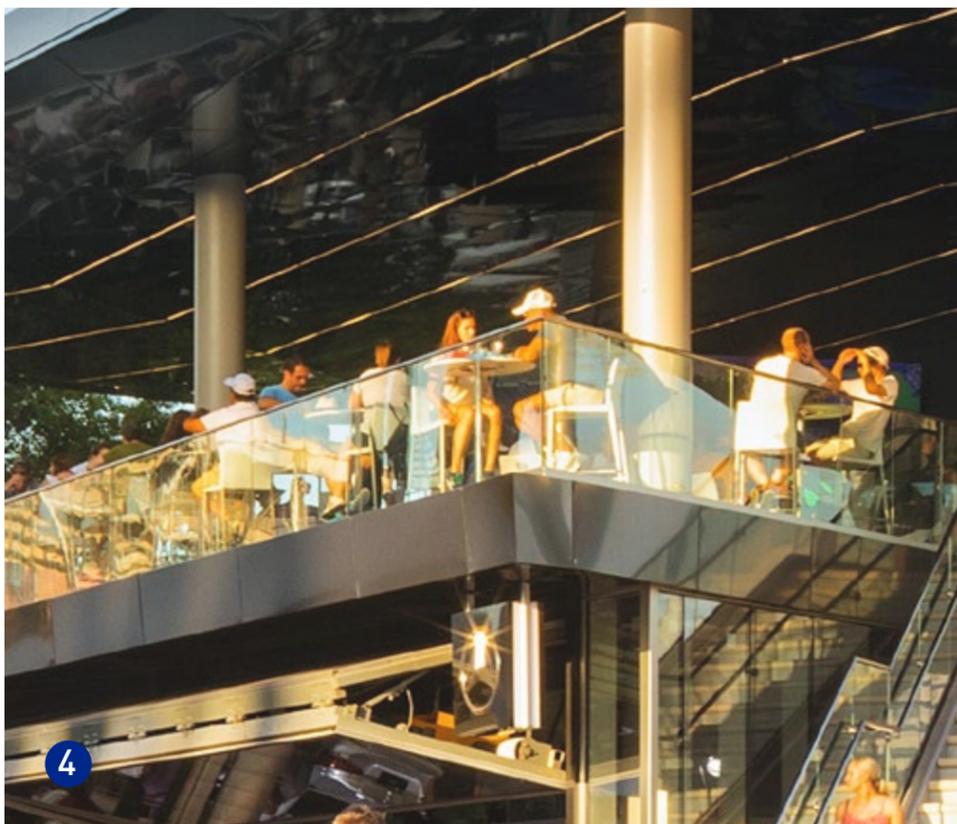
METAL PANEL



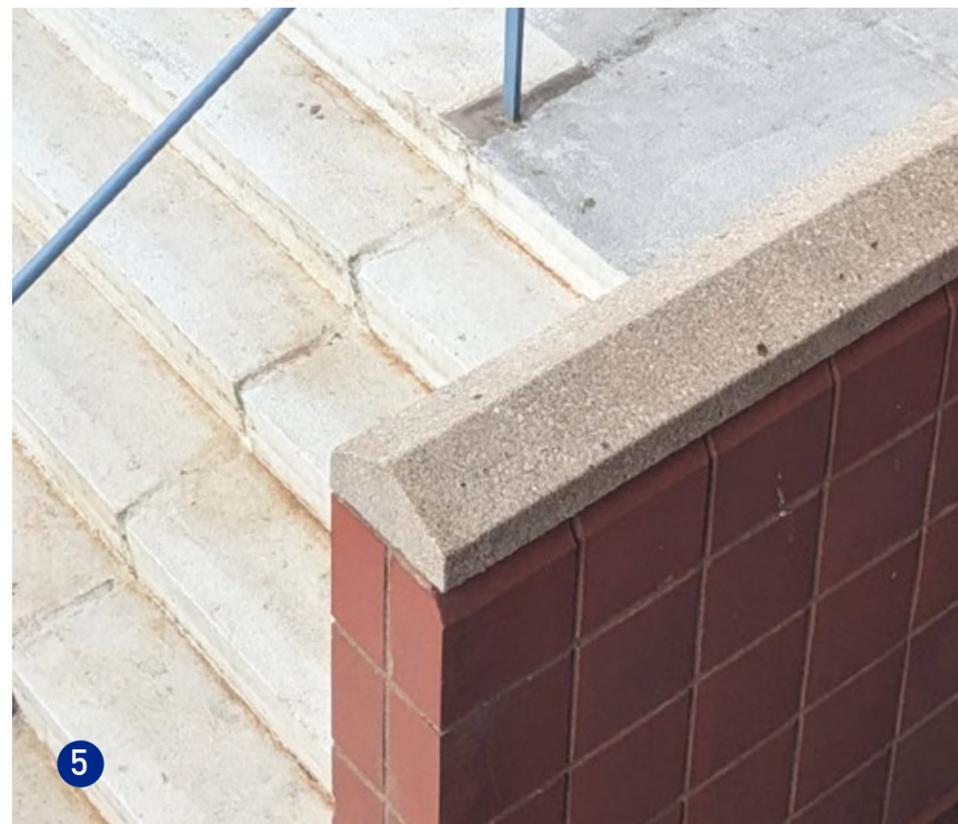
ASHE BRICK



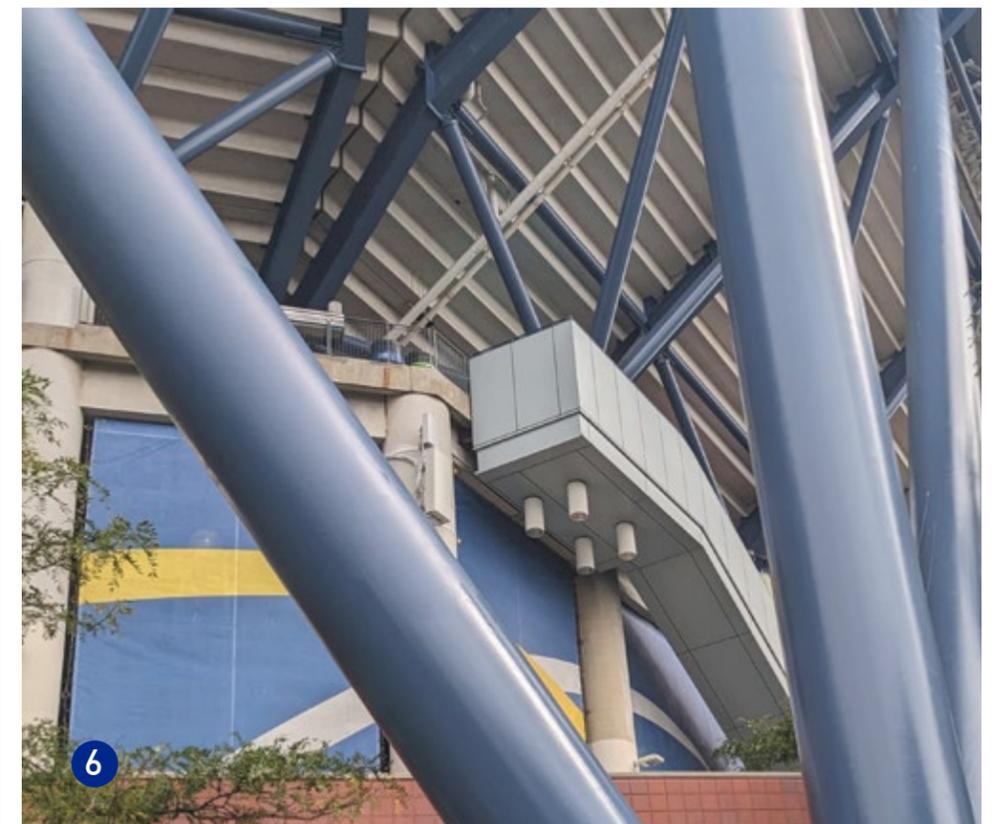
GLASS RAIL



ASHE COPING



PAINTED STEEL



PROPOSED MATERIALS



1. ALUMINUM FIN



2. METAL PANEL



3. ASHE BRICK



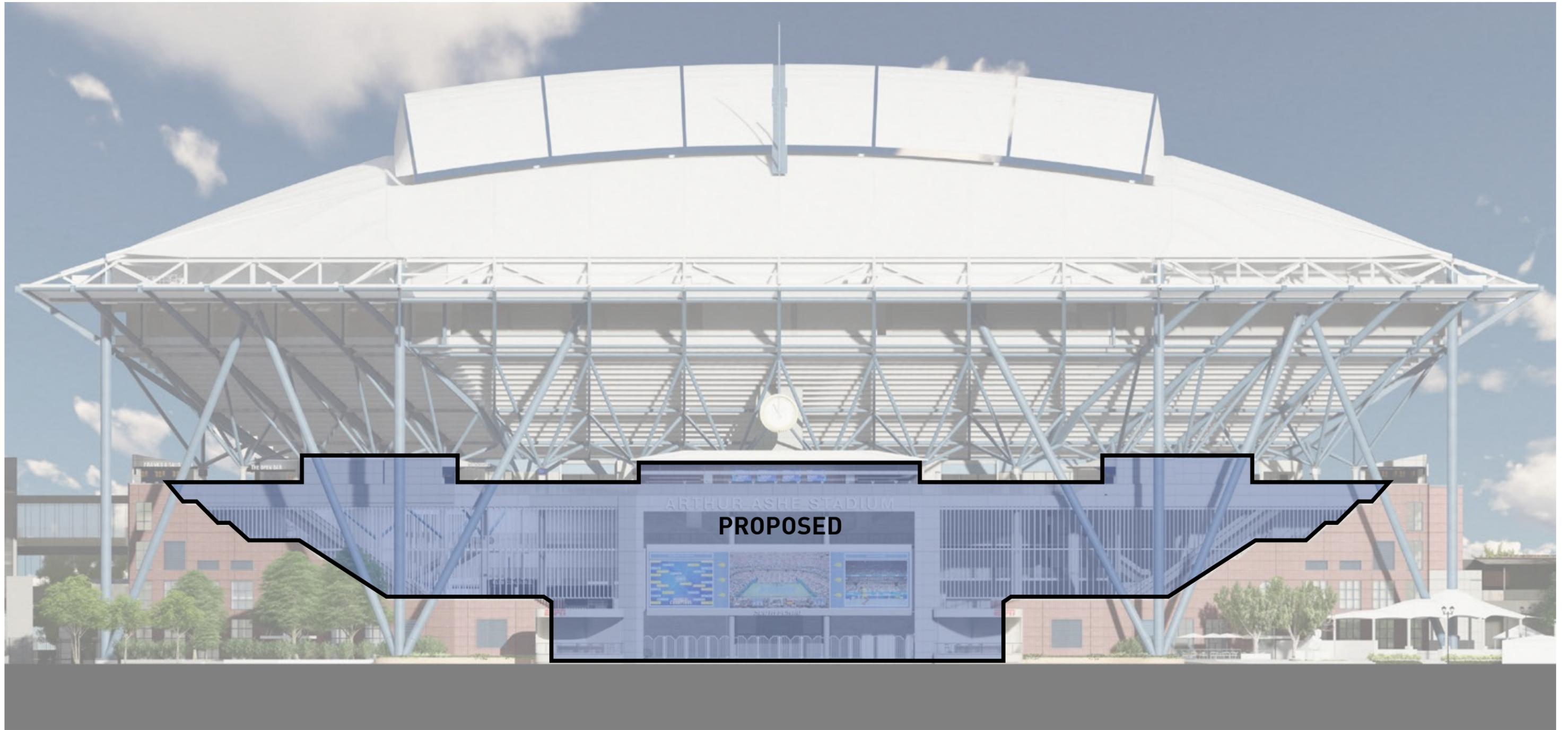
4. GLASS RAIL

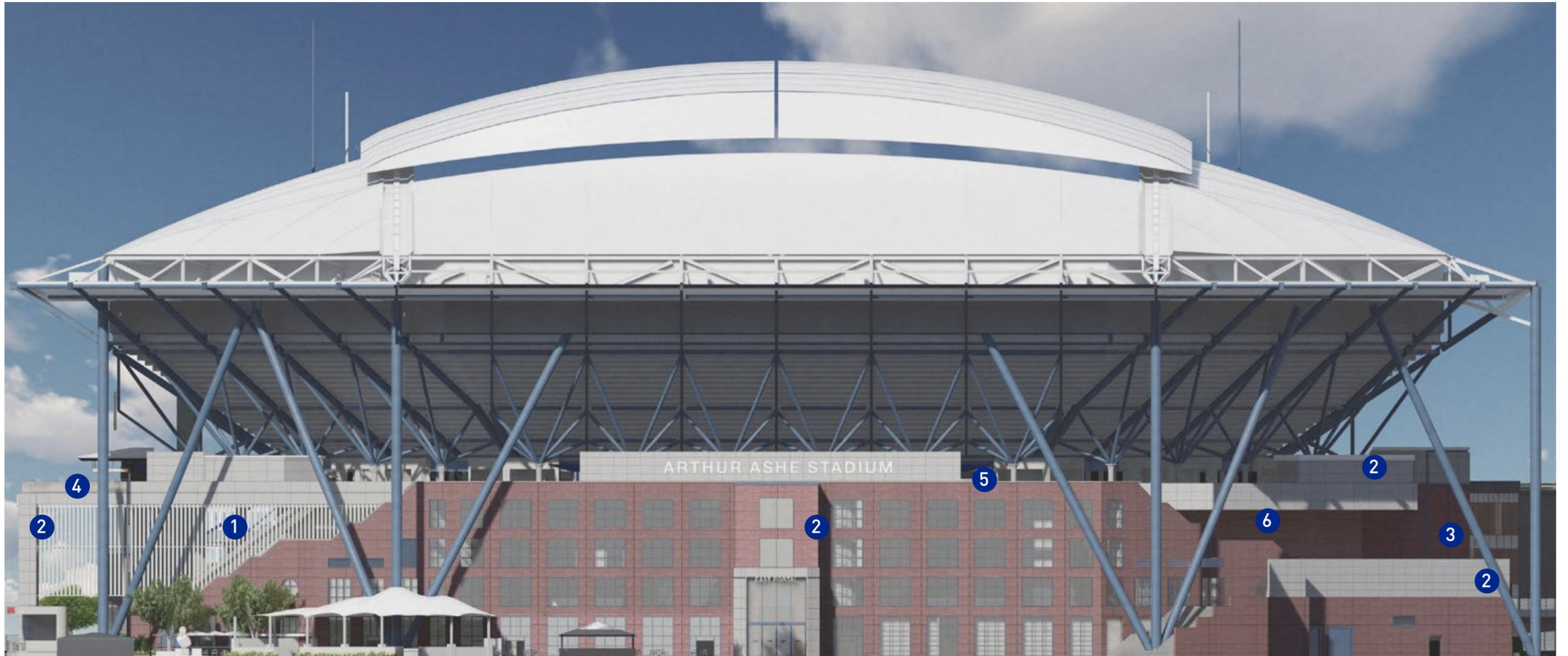


5. ASHE COPING



6. PAINTED STEEL





1. ALUMINUM FIN



2. METAL PANEL



3. ASHE BRICK



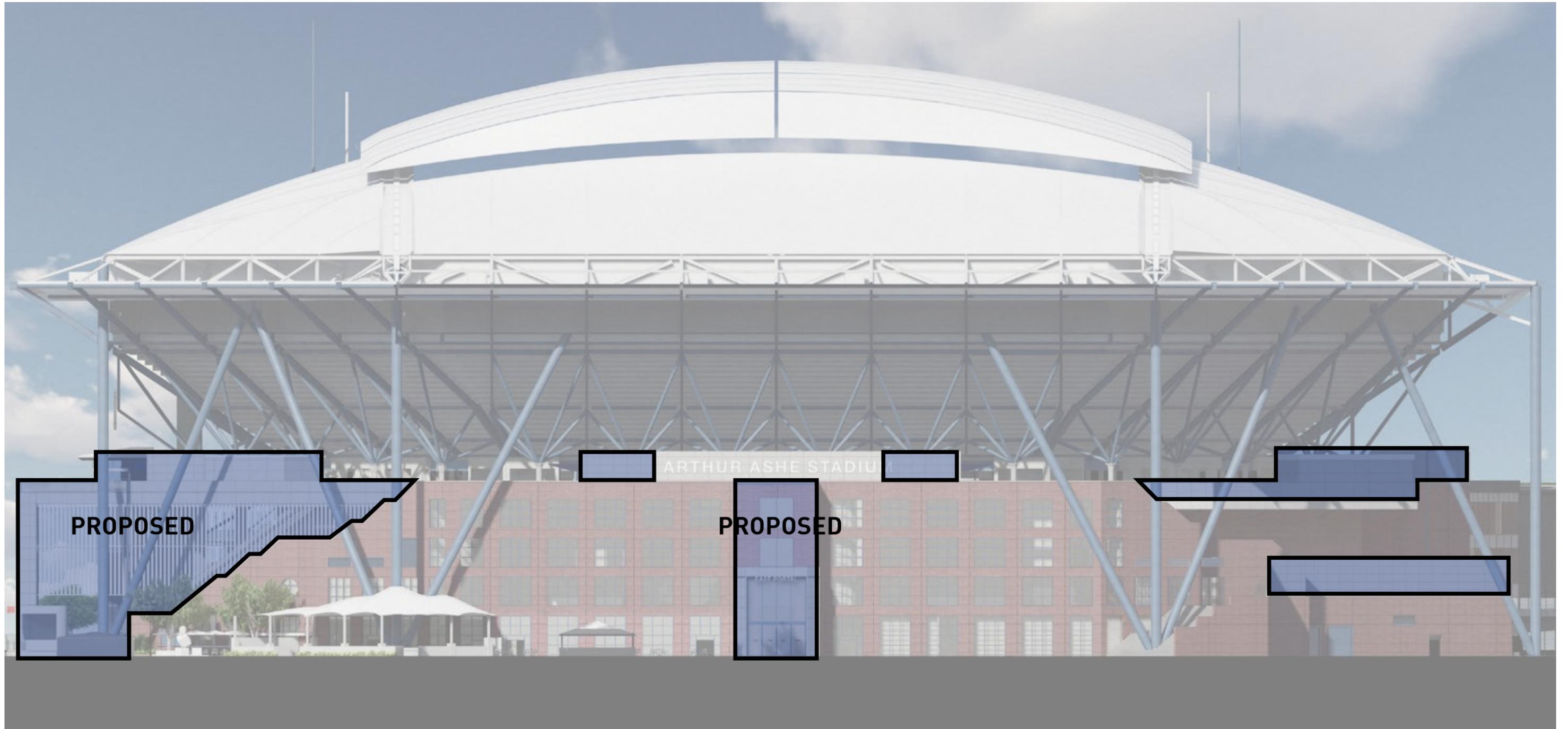
4. GLASS RAIL



5. ASHE COPING



6. PAINTED STEEL





1. ALUMINUM FIN



2. METAL PANEL



3. ASHE BRICK



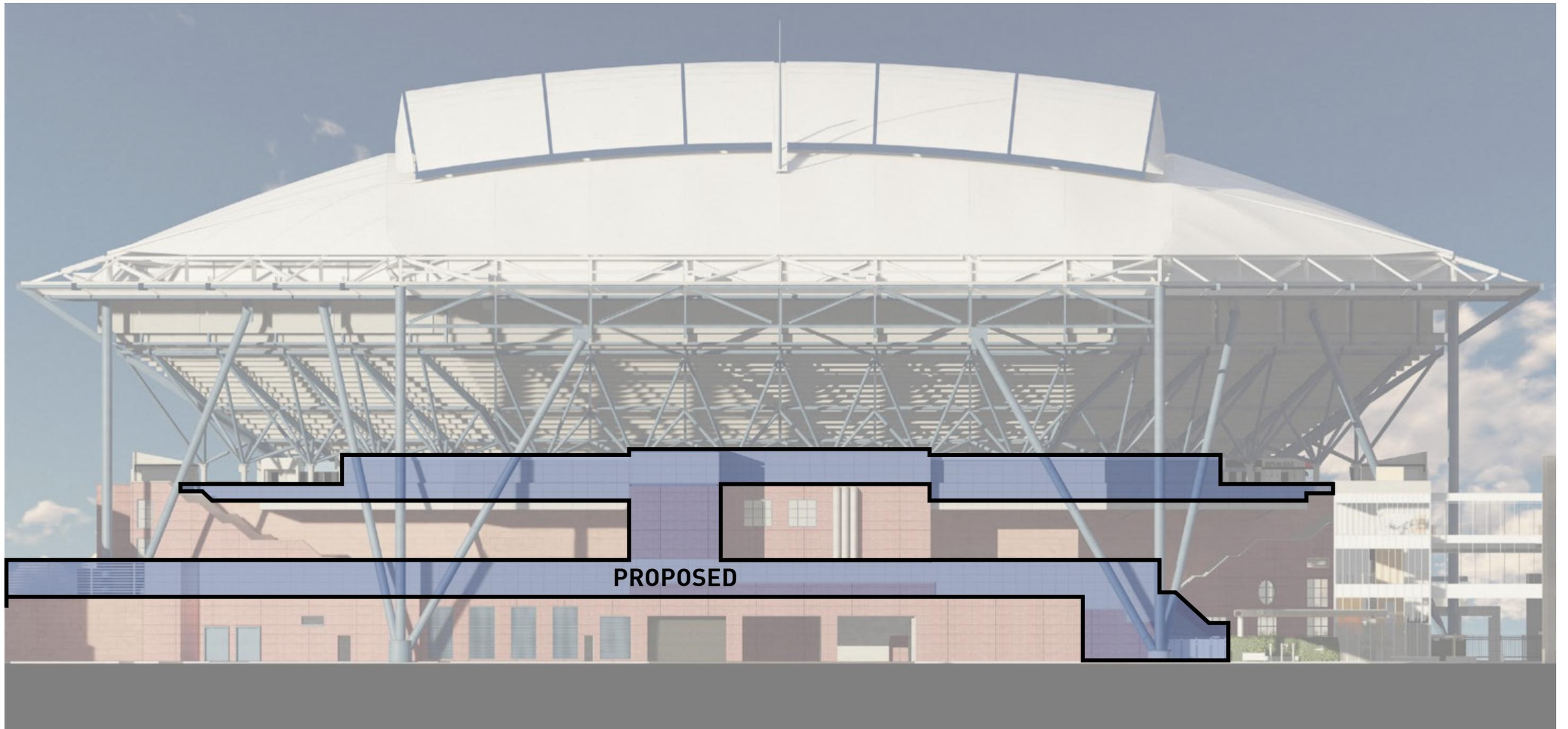
4. GLASS RAIL

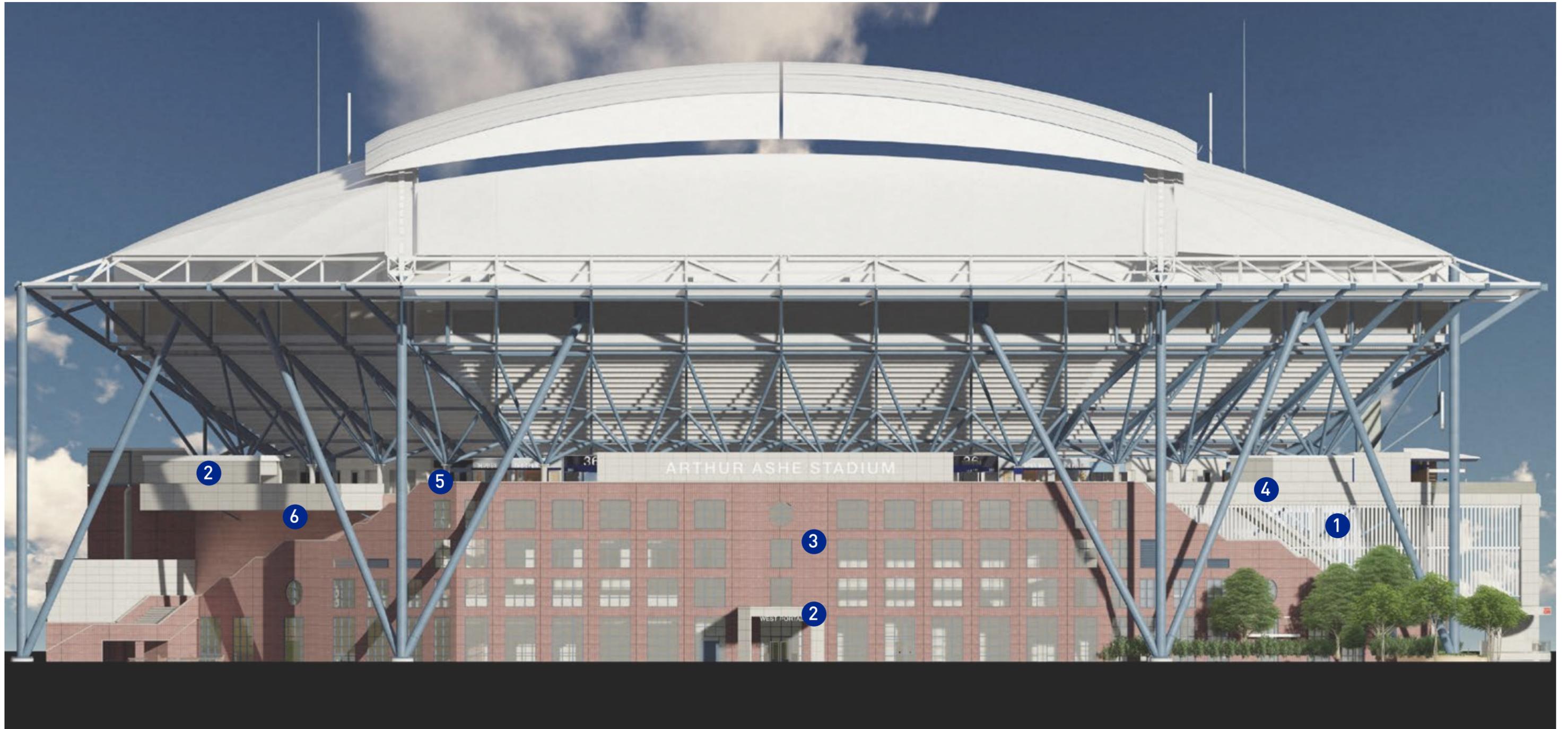


5. ASHE COPING



6. PAINTED STEEL





1. ALUMINUM FIN



2. METAL PANEL



3. ASHE BRICK



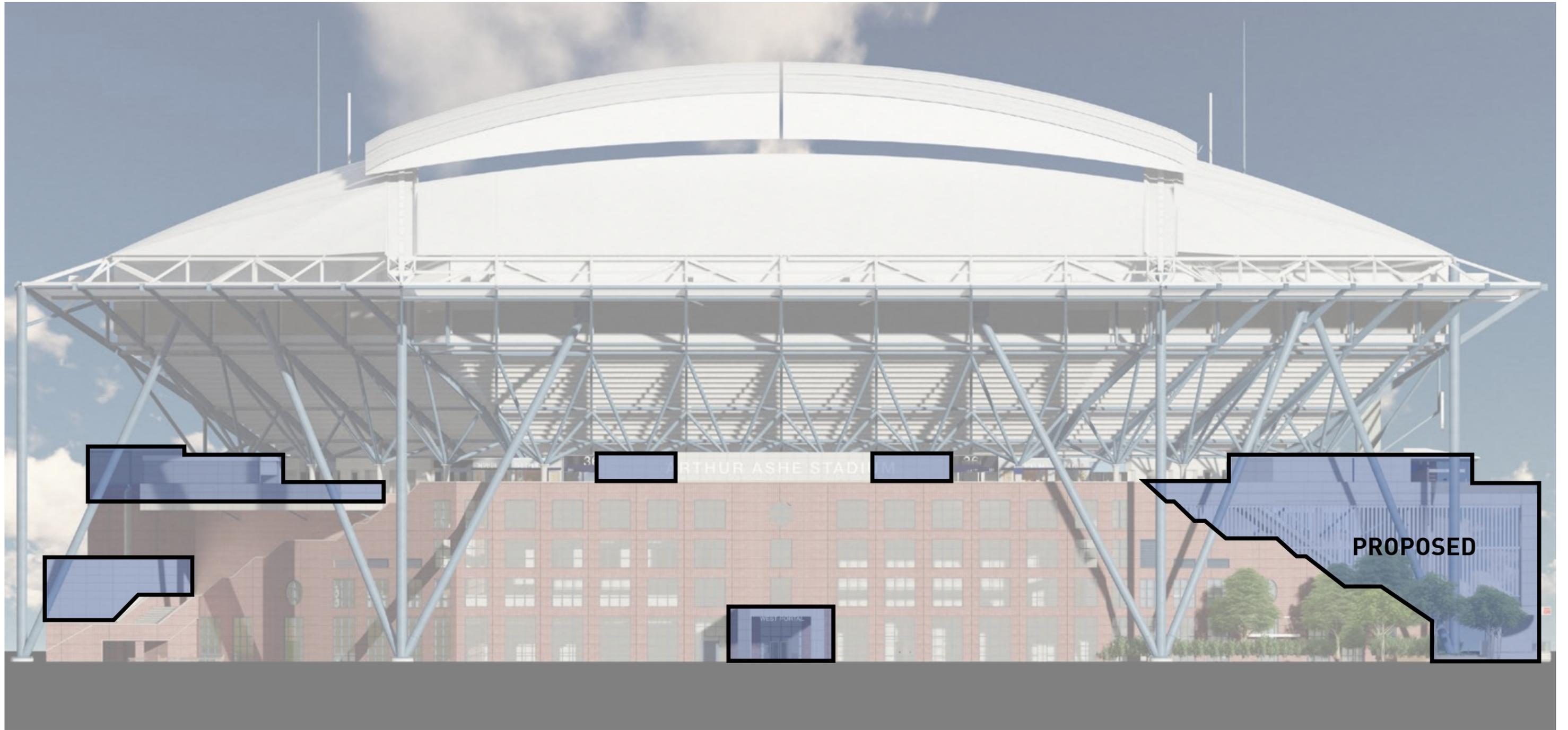
4. GLASS RAIL



5. ASHE COPING



6. PAINTED STEEL



**STADIUM ID FONT**  
Helvetica Neue LT Std 75 Bold  
KERNING: Optical  
TRACKING: 62

**PORTAL ID FONT**  
Helvetica Neue Medium  
KERNING: Optical  
TRACKING: 142

76'-0"

4' 0"

# ARTHUR ASHE STADIUM

16'-6 1/2"

1'-5 1/2"

## SOUTH PORTAL



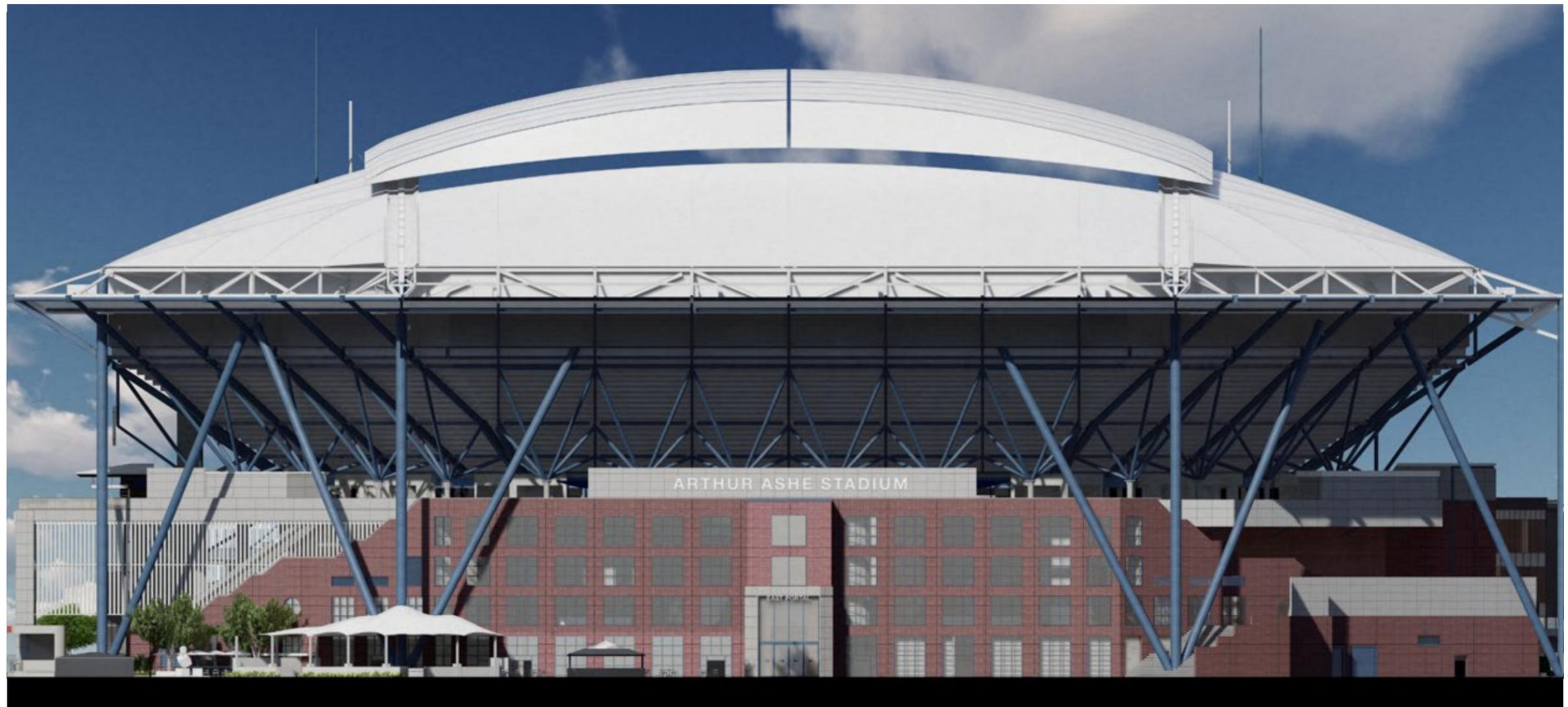
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Helvetica Neue LT Std 75 Bold  
KERNING: Optical  
TRACKING: 62

**PORTAL ID FONT**  
Helvetica Neue Medium  
KERNING: Optical  
TRACKING: 142

76'-0"

4' 0"  
**ARTHUR ASHE STADIUM**

14'-6"  
1'-5 1/2"  
**EAST PORTAL**



**STADIUM ID FONT**  
Helvetica Neue LT Std 75 Bold  
KERNING: Optical  
TRACKING: 62

**PORTAL ID FONT**  
Helvetica Neue Medium  
KERNING: Optical  
TRACKING: 142

76'-0"

4' 0"

# ARTHUR ASHE STADIUM

15'-2"

1'-5 1/2"

## WEST PORTAL



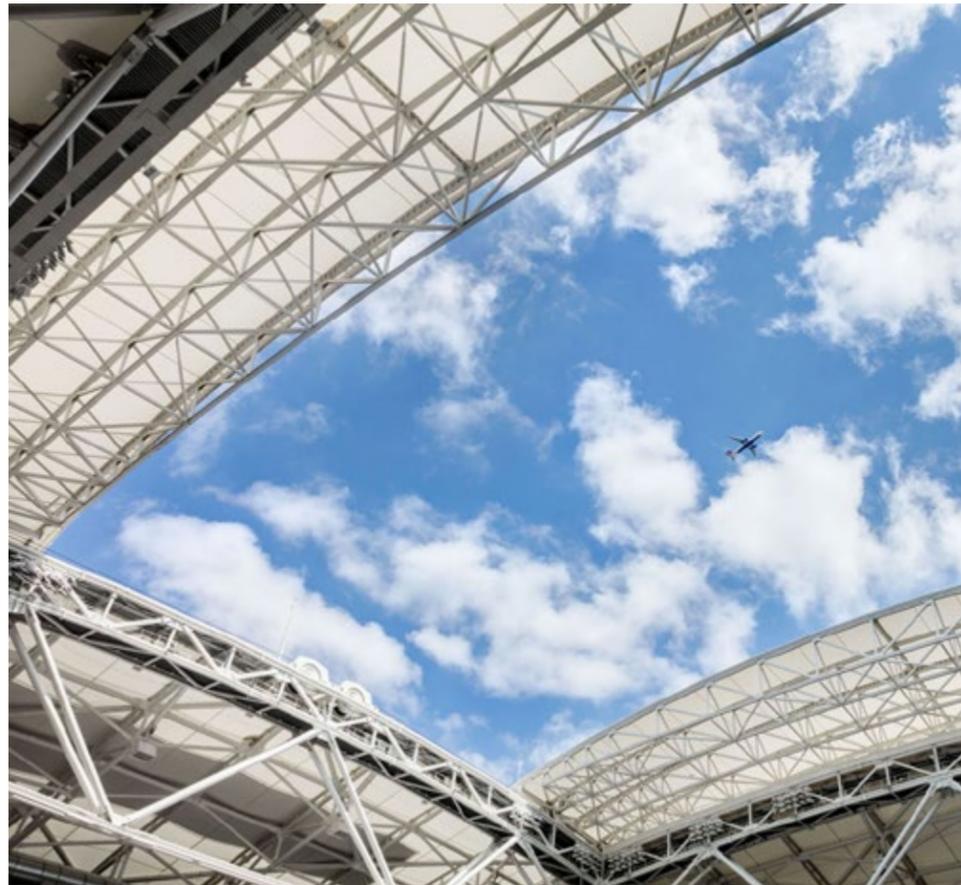
# SUSTAINABILITY STRATEGY

## ARTHUR ASHE RENOVATIONS

## SUSTAINABILITY

Our sustainability vision is guided by a commitment to the environment, integrating principles from OneNYC policy and Vision 3: Our Sustainable City. Proactively addressing environmental concerns, our strategy focuses on reducing emissions and waste, improving water and energy efficiency, and enhancing public space quality and occupant well-being.

The project will strive for a LEED Silver Certification from the US Green Building Council, reflecting a holistic and comprehensive approach to sustainability. This involves prioritizing energy and water efficiency, sustainable site practices, thoughtful material selection, and indoor environmental quality.



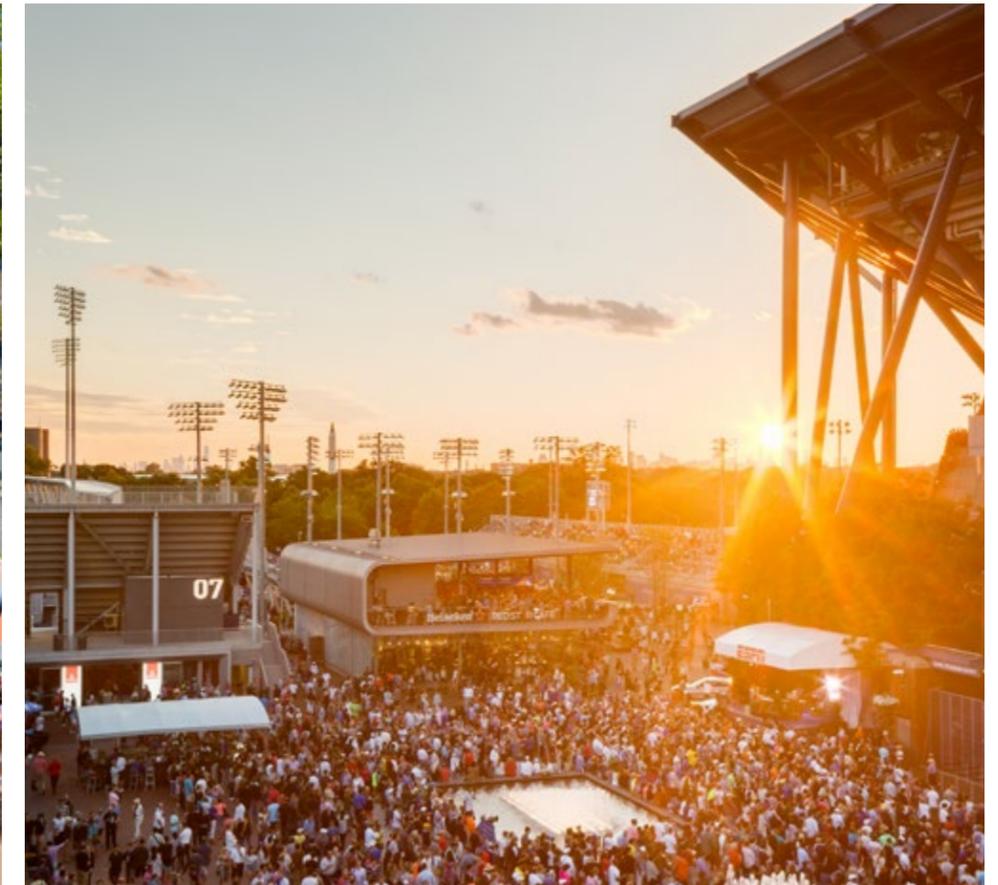
### DESIGN AND OPERATIONS

Employing strategic choices in materials, HVAC systems, facade design, and operational practices to enhance efficiencies and minimize long-term energy consumption, expenditures, and maintenance requirements.



### HEALTH AND PERFORMANCE

Integrating principles from the WELL standard from the International WELL Building Institute to prioritize human health and well-being.

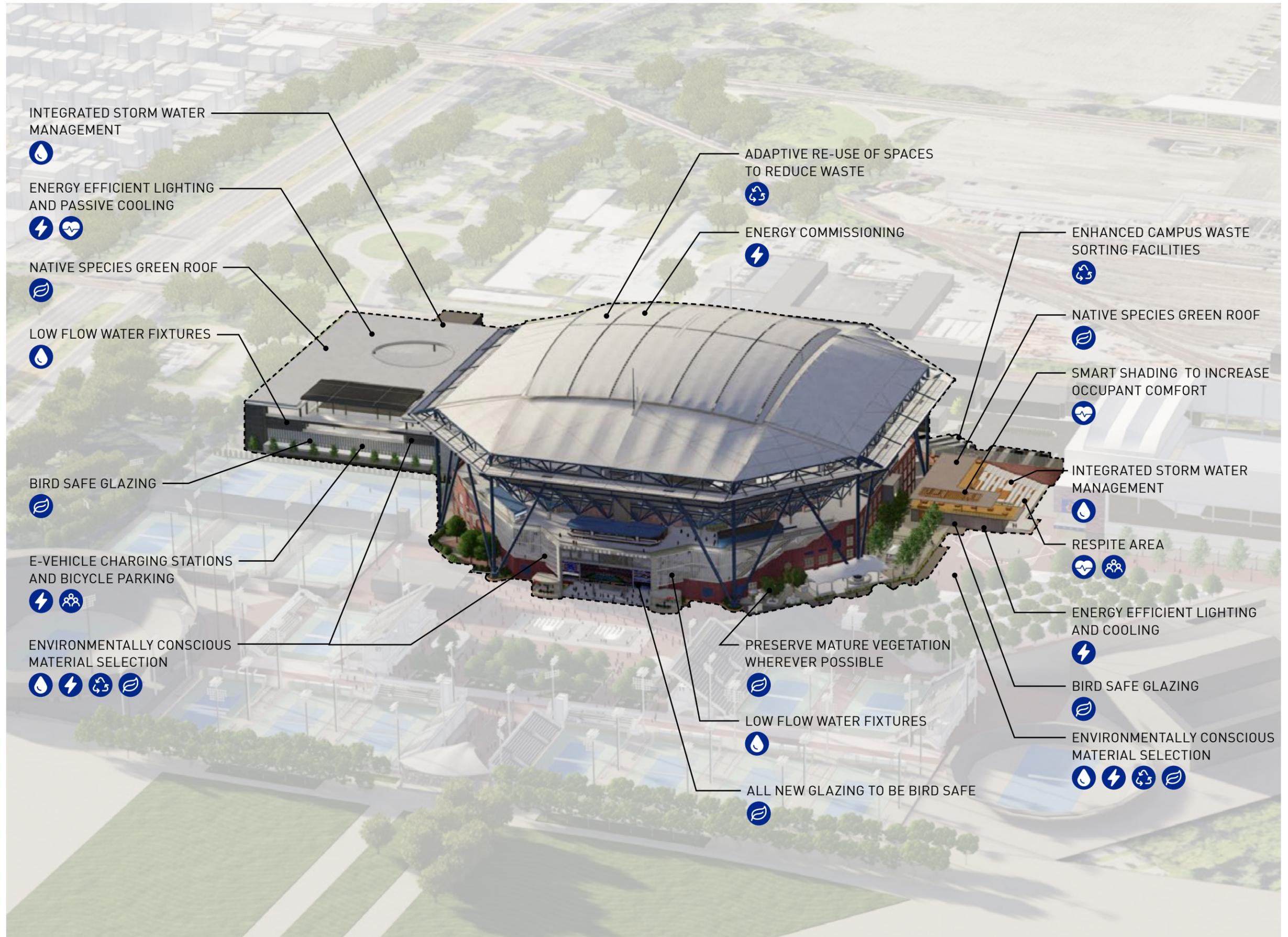


### COMMUNITY AND ECOLOGY

Nurture vibrant community engagement and ecological stewardship to create a resilient environment that benefits both people and nature.

**LEGEND**

-  Water Utilization
-  Energy Conservation
-  Resources and Waste
-  Biodiversity and Ecology
-  Wellness and Health
-  People and Community



# PREVIOUSLY REVIEWED BY PDC

GLOBAL DESIGN GUIDELINES  
ASHE NORTH EXPANSION

# Global Design Guidelines Summary

## Design Guidelines

Five distinct campus vocabularies:

1. Site & landscape
2. Field courts
3. Stadiums
4. Pavilions
5. Ancillary & support buildings

## Design Guidelines

The Strategic Plan addresses (1) site context and landscape architecture, (2) stadiums, (3) pavilions (independent retail components), (4) field courts, and (5) ancillary and support buildings.

The site **landscape** provides critical context for built elements on the site. Its design contributes vitally to the quality of the experience of visitors to the National Tennis Center.

**Stadiums** are the foundation of the campus program and act as anchors, while the **pavilions** are intended to be lighter and more transparent.

**Field courts** are composed of elements of both the historic stadiums and the new pavilions.

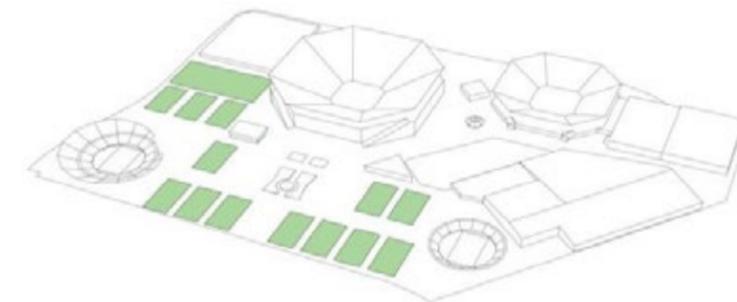
**Ancillary buildings**, the fifth category, serve as a neutral backdrop for the other facilities while at the same time fulfilling important programmatic functions.

## Design Guidelines

### Field courts

The field courts blur boundaries between sport and park. The courts serve as contextual site elements that effectively knit landscape and stadium aspects of the campus together.

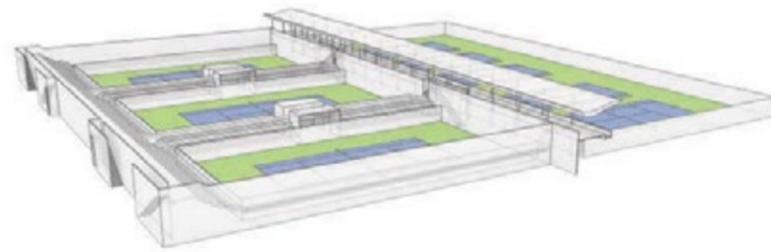
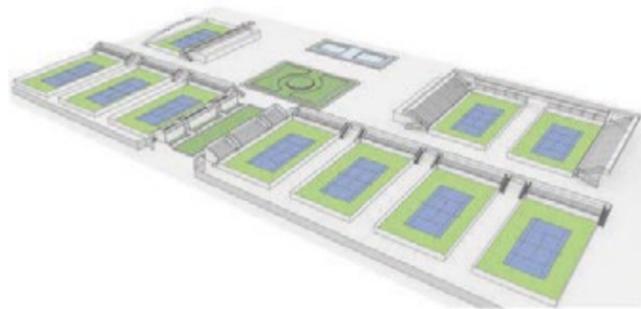
These spaces provide a unique opportunity for spectators to walk right up to the edge of the court, allowing fans to experience both tournament play and professional athletic practice with greater immediacy.



## Design Guidelines

### Field courts

Spectator viewing structures and vertical surfaces surrounding the field courts offer important opportunities to amplify the overall fan experience at the US Open.



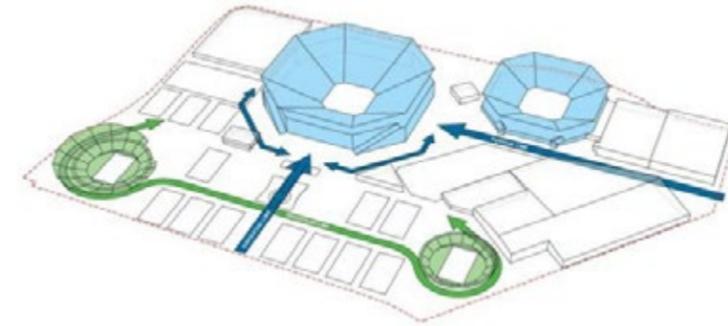
## Design Guidelines

### Stadiums

There are two pairs of stadium types. The first comprises the more prominent venues, Arthur Ashe Stadium and Louis Armstrong Stadium, or Courts 1 & 2. These venues define the campus spatially by providing context and orientation. Intentionally, they read as the permanent fixtures of the National Tennis Center.

The second pair of stadiums embodies a distinct language as objects absorbed by the landscape. These venues define a new direction for stadiums at the NTC by generating dramatic new experiences in corners of the site that were once underutilized.

While each pair of stadiums is articulated differently, collectively all the stadiums define the primary architectural language of the campus.

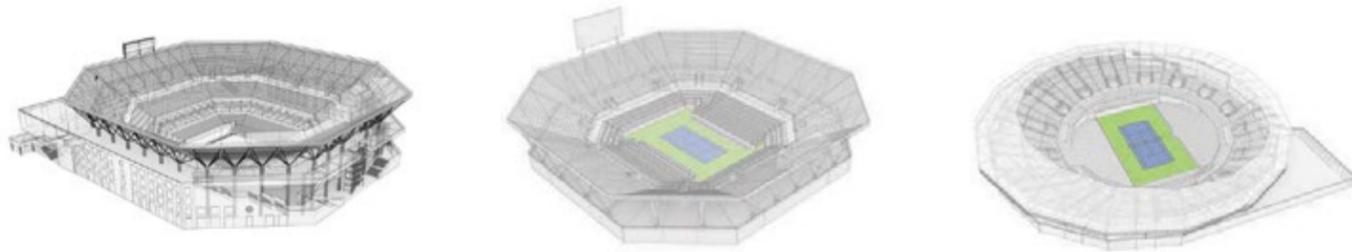


## Design Guidelines

### Stadiums

As a primary destination for spectators it is important that each stadium have a distinct expression. For Courts 1 and 2, this expression is dominated by a heavy podium and a lightweight upper bowl.

In contrast, Grandstand and Court 17 are expressed distinctly by their integration into the landscape in a manner that modifies circulation patterns of entry into the stadium.



## Design Guidelines

### Stadiums

The material palette defined by Arthur Ashe Stadium has been the primary language at the NTC for many years. More recently there has been a trend towards greater architectural transparency on campus.

Recognizing the need to balance these architectural languages, newer stadium venues will be characterized by lighter, more 'visually permeable' materials, which can be complemented by references to some of the original materials in appropriate proportions.

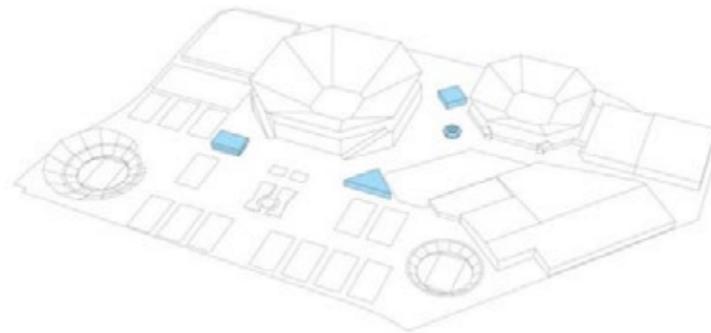


## Design Guidelines

### Pavilions

There are, broadly, two activities during the US open. The primary activity is the viewing of world-class tennis matches. The second is the participation in the week long “event” that surrounds the matches. The pavilions are meant to enhance the “event” while facilitating patron activities such as dining and retail.

Pavilions are positioned in locations that see heavy site circulation. In contrast to stadium venues, they are designed with the intention of attracting patrons independent of tournament matches.

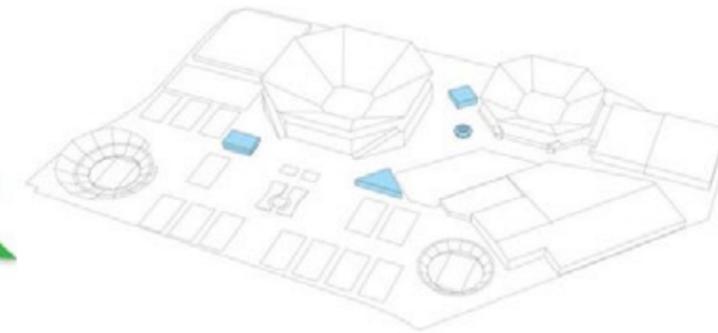
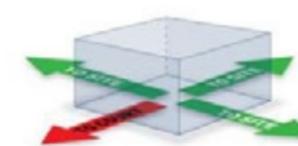
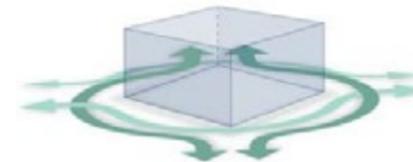


## Design Guidelines

### Pavilions

As part of the “event,” the expression of the pavilions is intended to mimic the transitory and dynamic nature of interstitial activity that takes place outside of the stadiums and between the field courts. They should feel light and have a transitory or temporal affect, in contrast to the mass and permanence of the stadium structures.

Pavilions should endeavor to maximize access to all sides facing site circulation. In contrast, tournament courts are to be protected from activity and from noise generated around pavilion structures.



## Design Guidelines

### Pavilions

Activities that include sitting for periods of time, such as eating and drinking, benefit from having a strong vantage point from which activity on the rest of the site can be viewed.

The relative size of the pavilion element is small. With enough space between the pavilion and adjacent structures, there is opportunity to create an object in the round. This amplifies the pavilions' ability to help define the US Open experience and enables them, through signage and form, to augment the identity of the event. Due to their potential for this level of visual impact, they should be state of the art design.

Because of their central placement, pavilions are also well-positioned to serve as interim areas of refuge, offering shade relief from sun or coverage from rain.



metal screen



glass storefront



metal panel cladding



stretched fabric

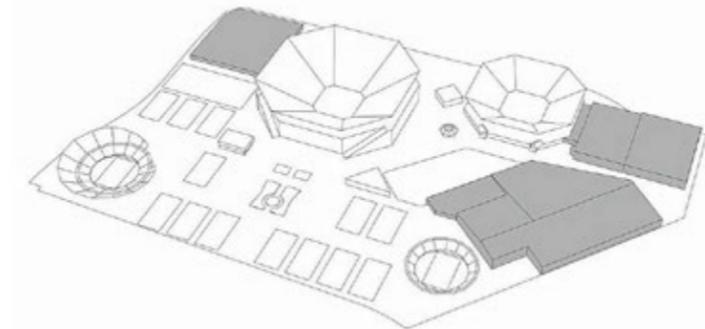
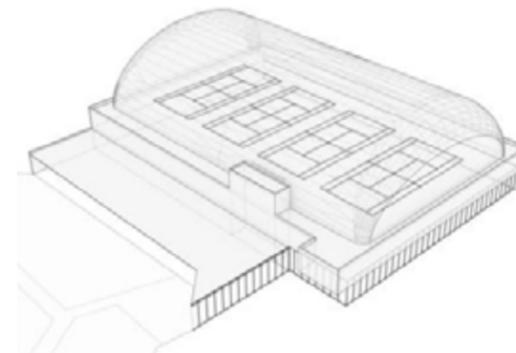
## Design Guidelines

### Ancillary & support buildings

Buildings in this category include:

- New decks to be located on parking lots A and B
- Existing Indoor Training Center
- New Retail/Sponsor/Admin building.

These buildings provide a backdrop to the primary architectural statements of the stadiums and pavilions.

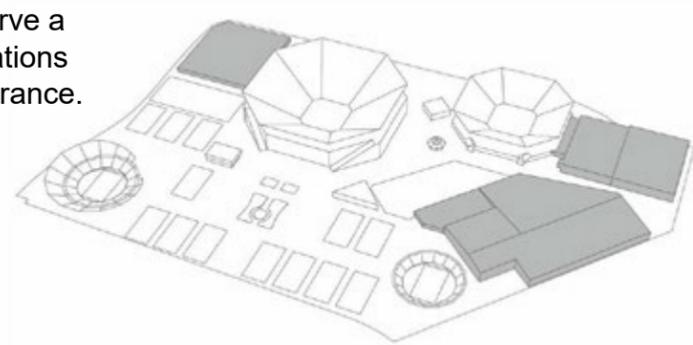


## Design Guidelines

### Ancillary & support buildings



The ancillary and support buildings at the NTC serve a variety of functions around the campus. Their locations can vary from back-of-house to defining a VIP entrance.

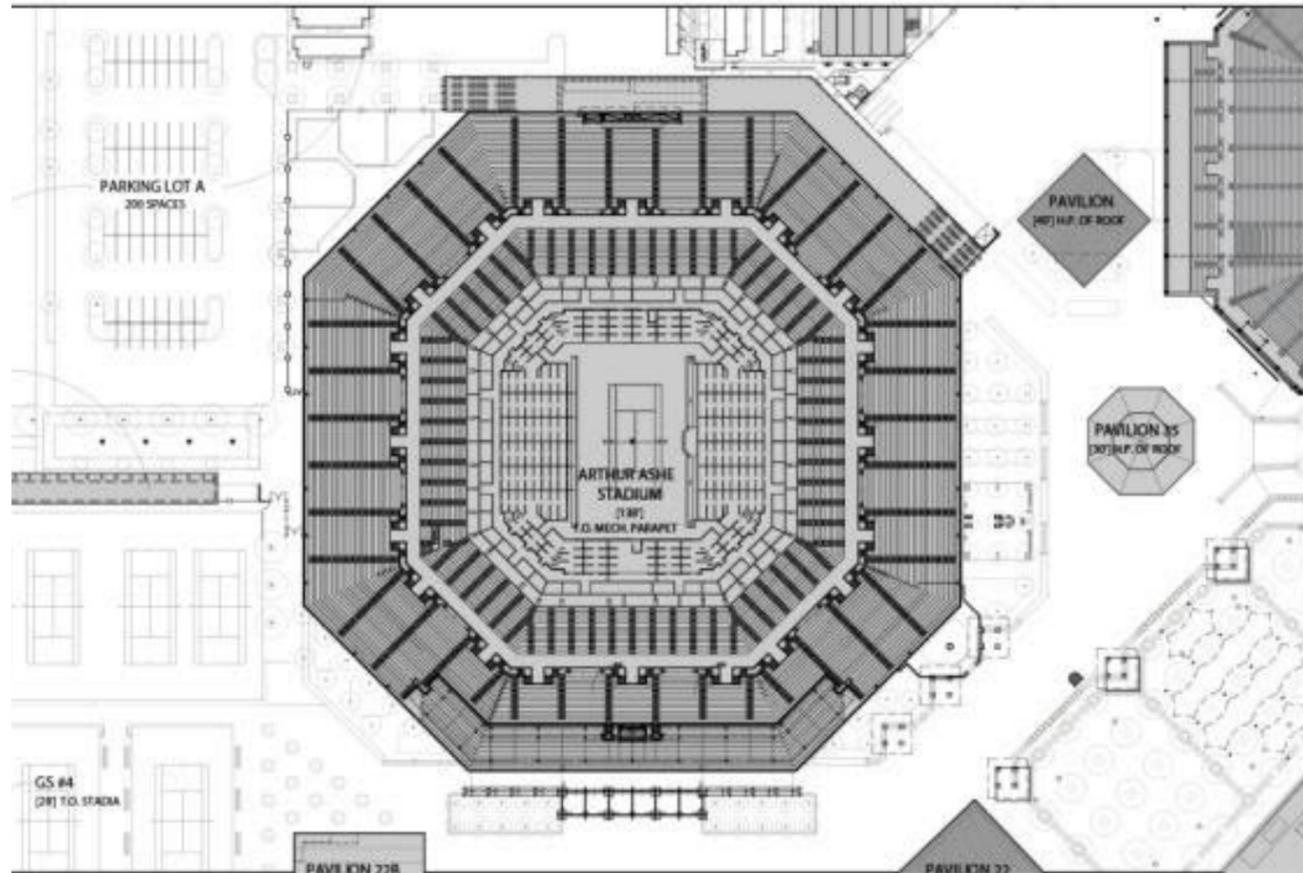


## Design Philosophy

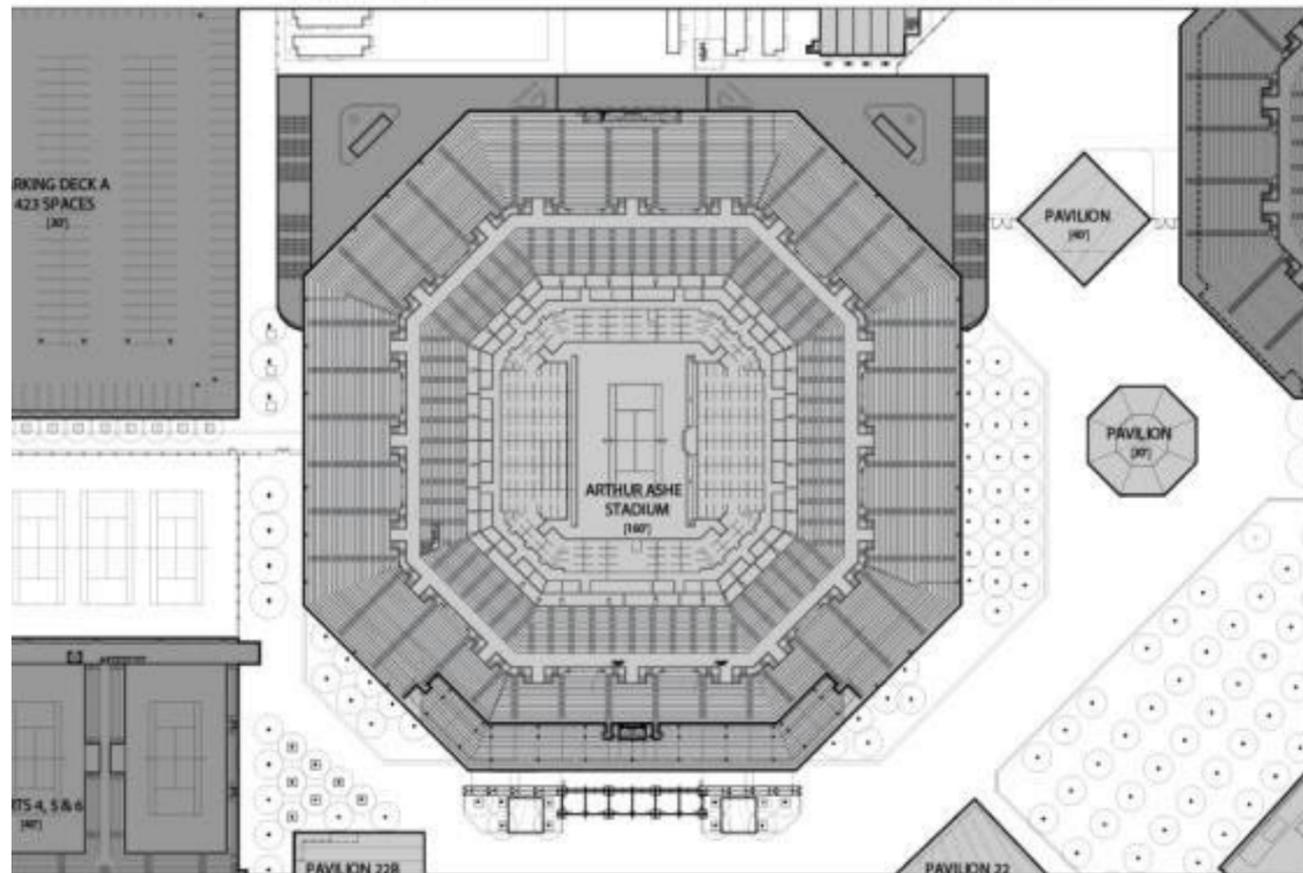
### Ancillary & support buildings

In some locations the function on the interior of support buildings will need to be screened from exterior view. Where it is appropriate, for example adjacent to public circulation, this screening can create a dynamic visual pattern.

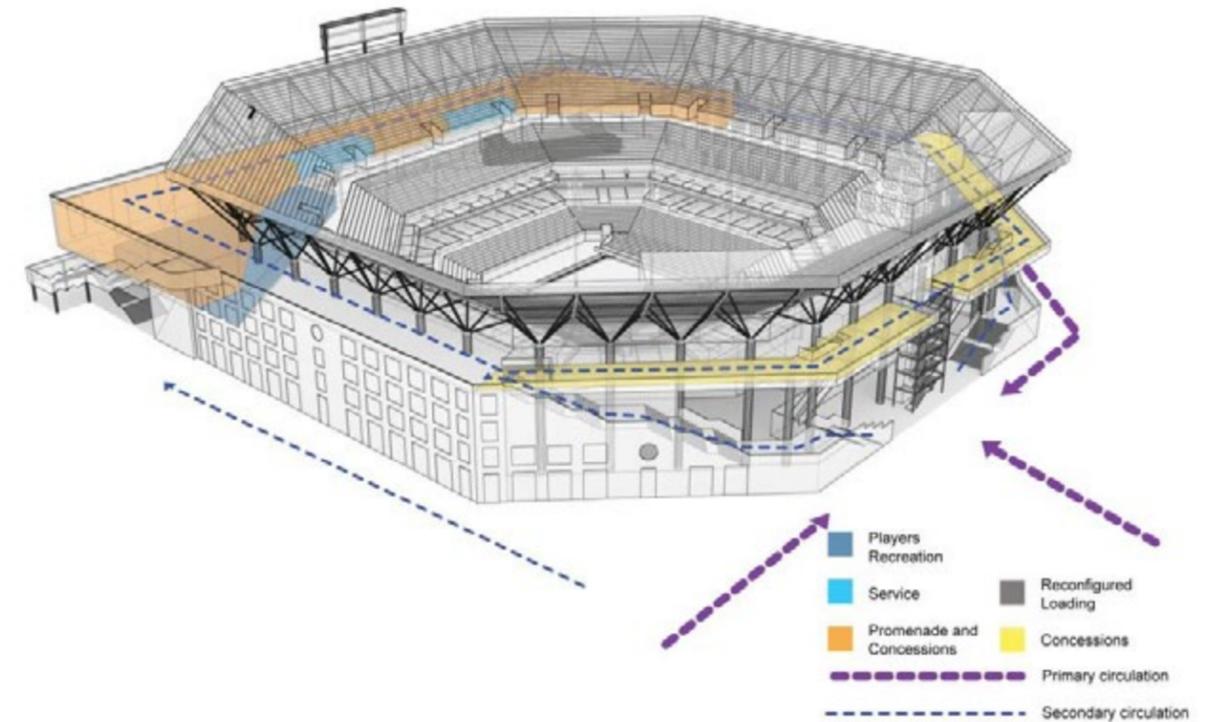




EXISTING CONDITIONS



PROPOSED CONDITIONS



**NOTE:**

This sheet contains a comprehensive compilation of the drawings, diagrams, and views of the proposed **Arthur Ashe** improvements, submitted to the PDC as part of the **USTA 2012 Strategic Vision**.



EXISTING CONDITIONS



PROPOSED CONDITIONS



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 This sheet contains a comprehensive compilation of the drawings, diagrams, and views of the proposed **Arthur Ashe** improvements, submitted to the **PDC** as part of the **USTA 2012 Strategic Vision**.