

The current proposal is:

**Preservation Department – Item 1, LPC-20-08010**

**49-51 Chambers Street,**

**Borough of Manhattan**

Note: this is a Public Meeting item. No public testimony will be received today as the hearing on this item is closed



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# Culturespaces + IMG

51 Chambers Street - Emigrant Savings Bank Building

Public Meeting Presentation, 21 July 2020

## Hall des Lumieres

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Creating a Culturespaces Digital® Art Center in New York  
with Immersive Exhibitions



CULTURESPACES  
**DIGITAL**®

**IMG**



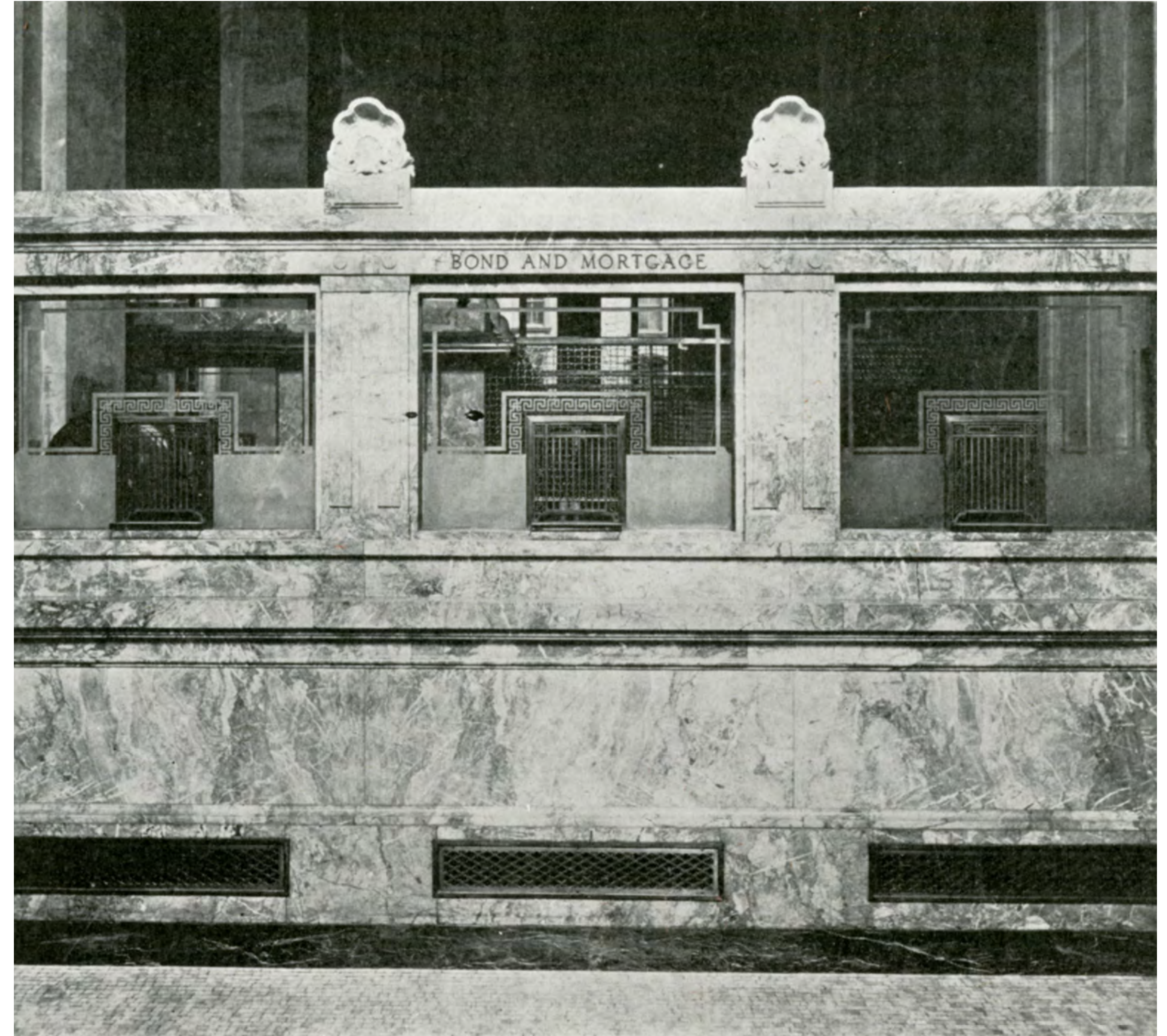




# 01.1 51 Chambers - Interior Historic Images



1913



TELLER WINDOWS - 1913

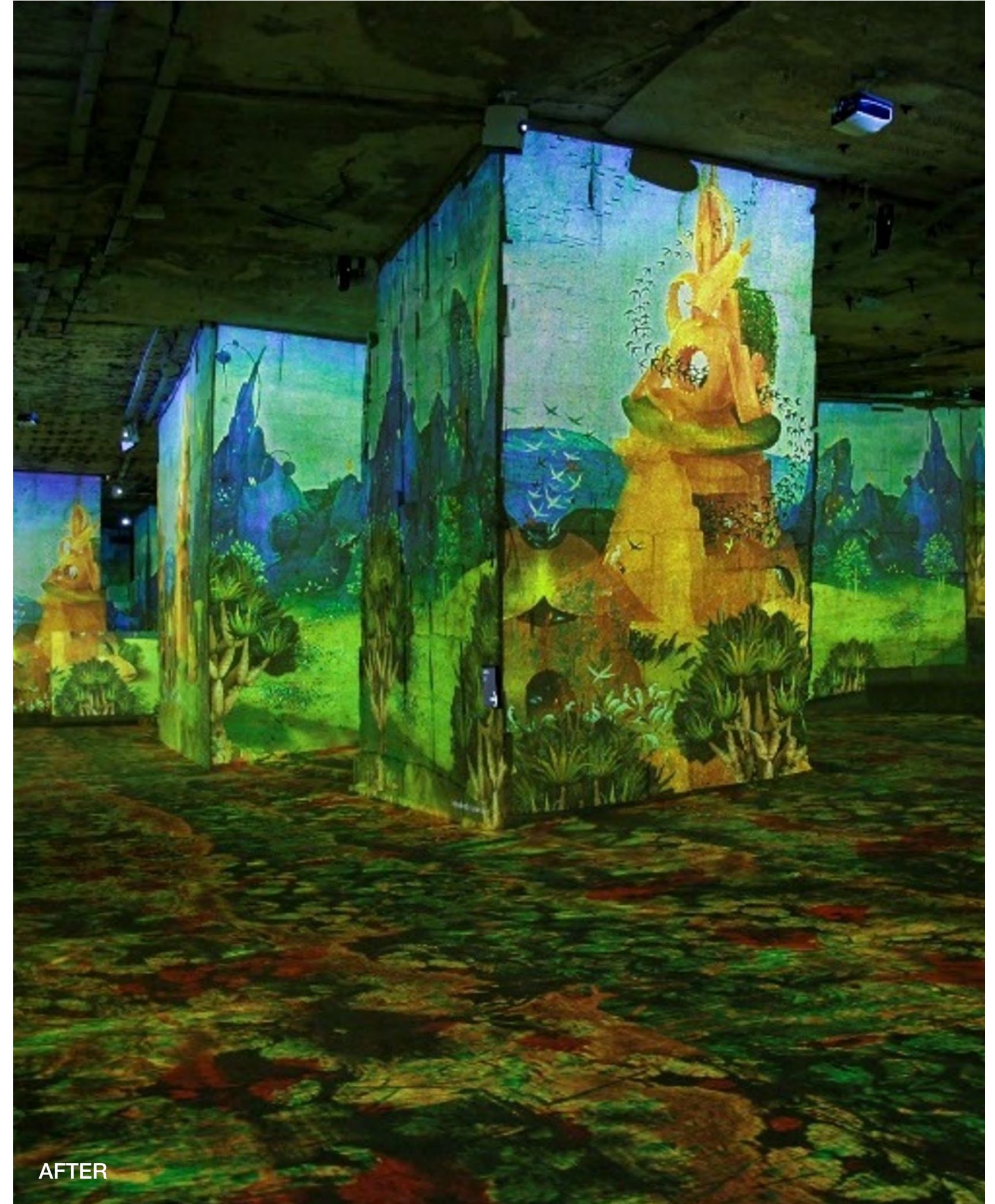
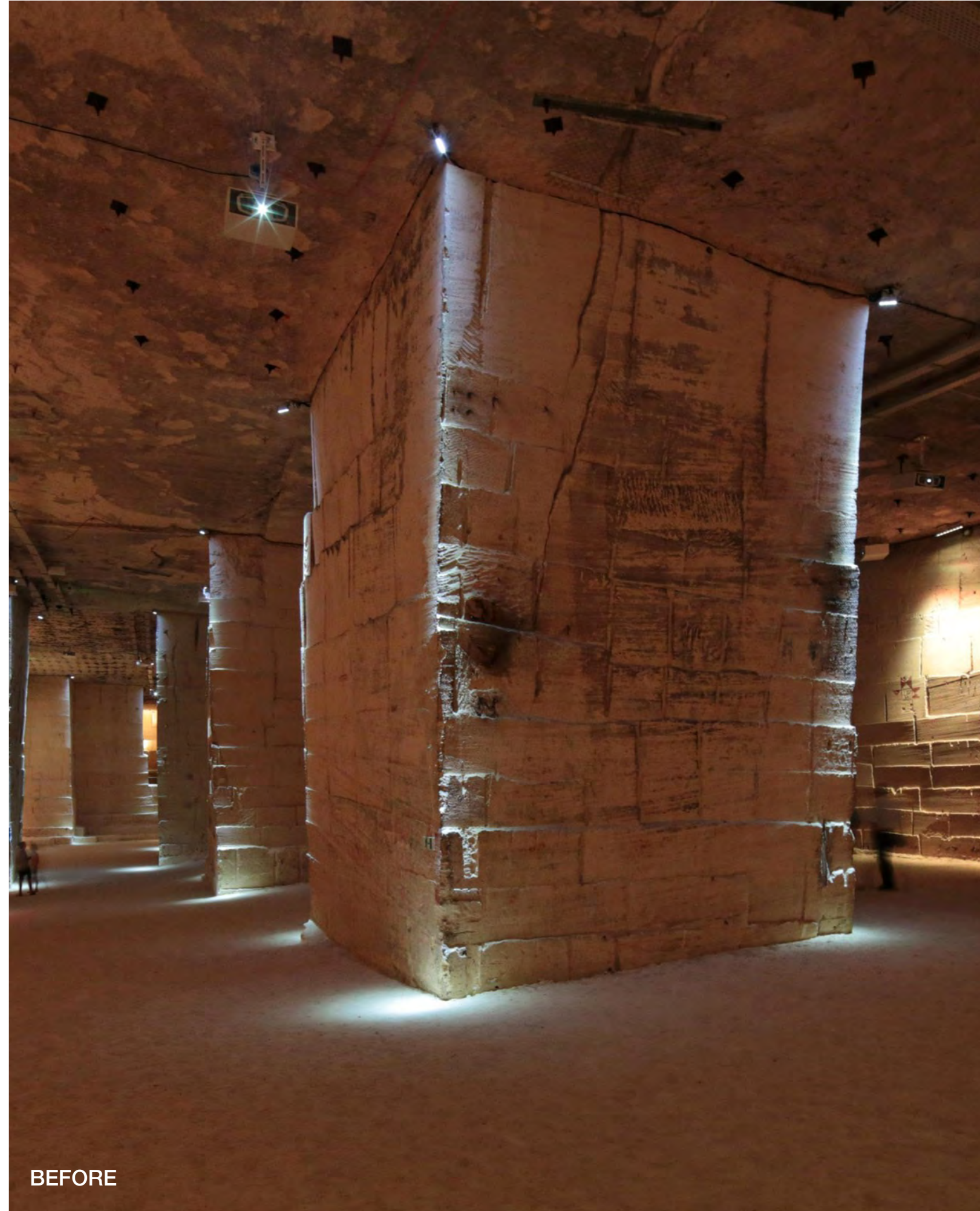


## 01.2 Culturespaces Digital: An Innovative Concept for Digital Exhibitions

Before + After Comparison

Carrières De Lumieres  
Baux-de-Provence, France

Former Stone Quarry





# 01.2 Culturespaces Digital: An Innovative Concept for Digital Exhibitions

Before + After Comparison

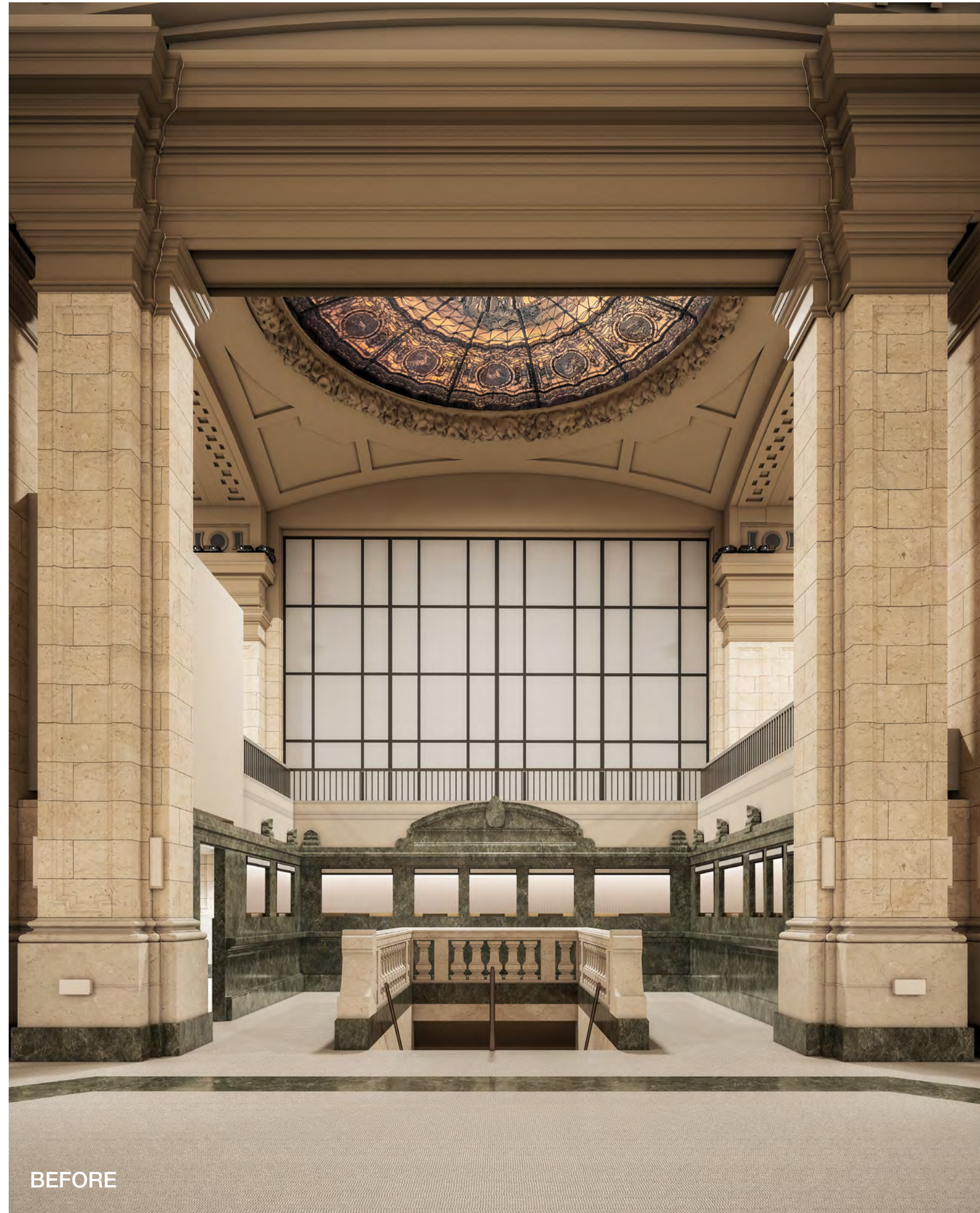
49 Chambers  
New York, NY

Former Emigrant Industrial Savings Bank

How it Happens:  
The Exhibition Loop

- 1. Teaser reminiscent of the space's past
- 2. Long Exhibition
- 3. Short Exhibiton
- 4. Architectural Lighting

Duration: 1 hour 15 minutes

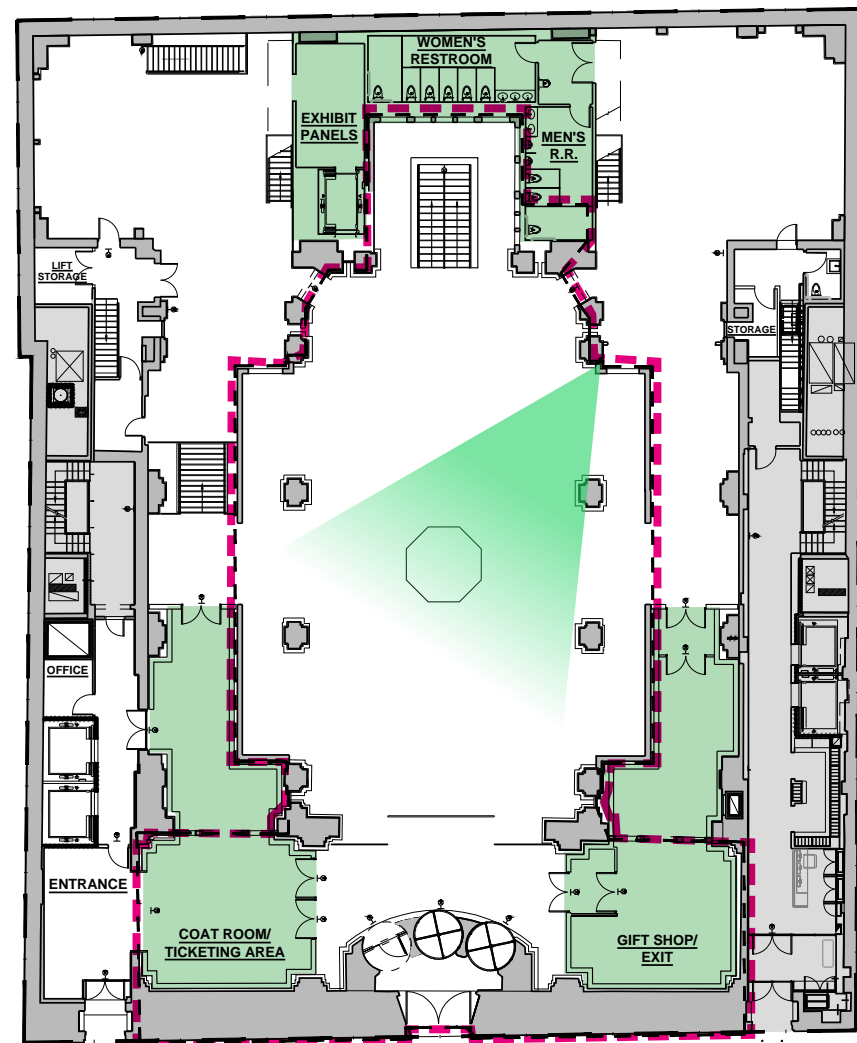




# 01.3 Previous Proposal

## Commissioner Comments:

- ① Blocking of windows
- ② Treatment of new construction (boxes)
- ③ Reuse of historic material
- ④ Extent of exterior signage



KEY PLAN



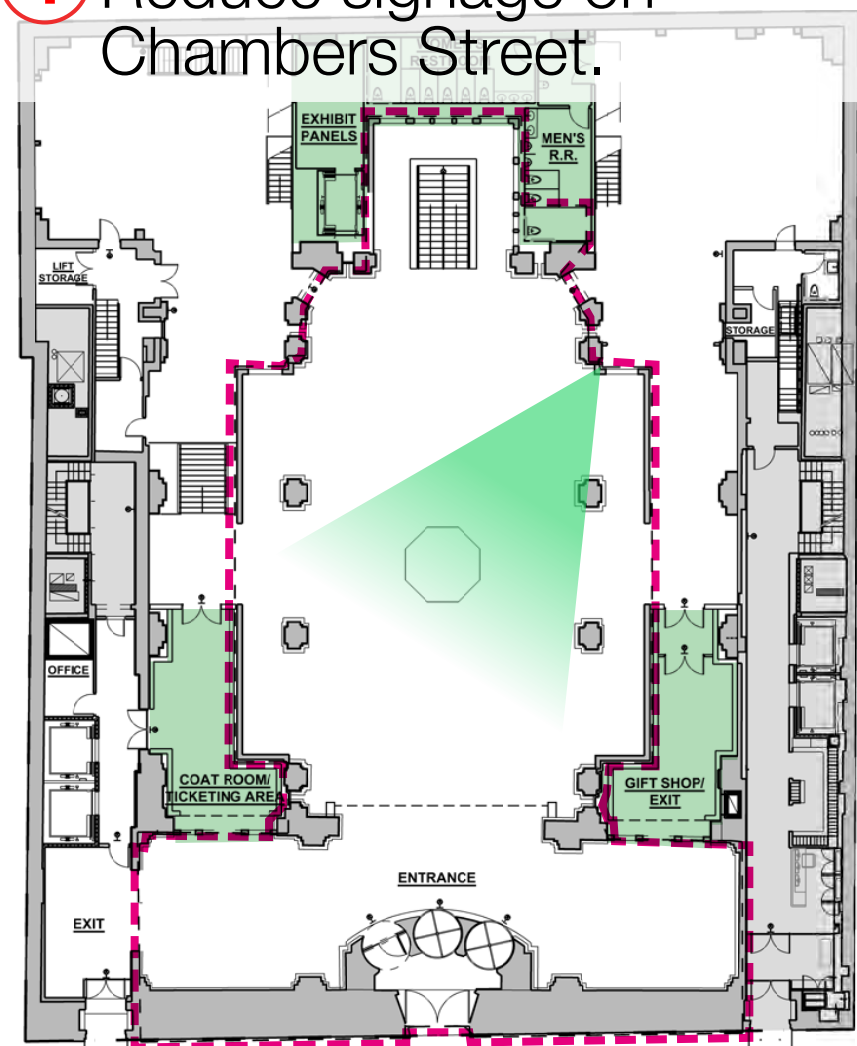
VIEW OF PROPOSED EXHIBITION SPACE



## 01.3 Revised Proposal

### Responses:

- 1 Introduce interior curtain system to control light and sound. Chambers Street windows to remain uncovered at all times.
- 2 Eliminate new construction within designated areas.
- 3 All historic material to be removed will be salvaged and stored on site. No reuse.
- 4 Reduce signage on Chambers Street.



KEY PLAN



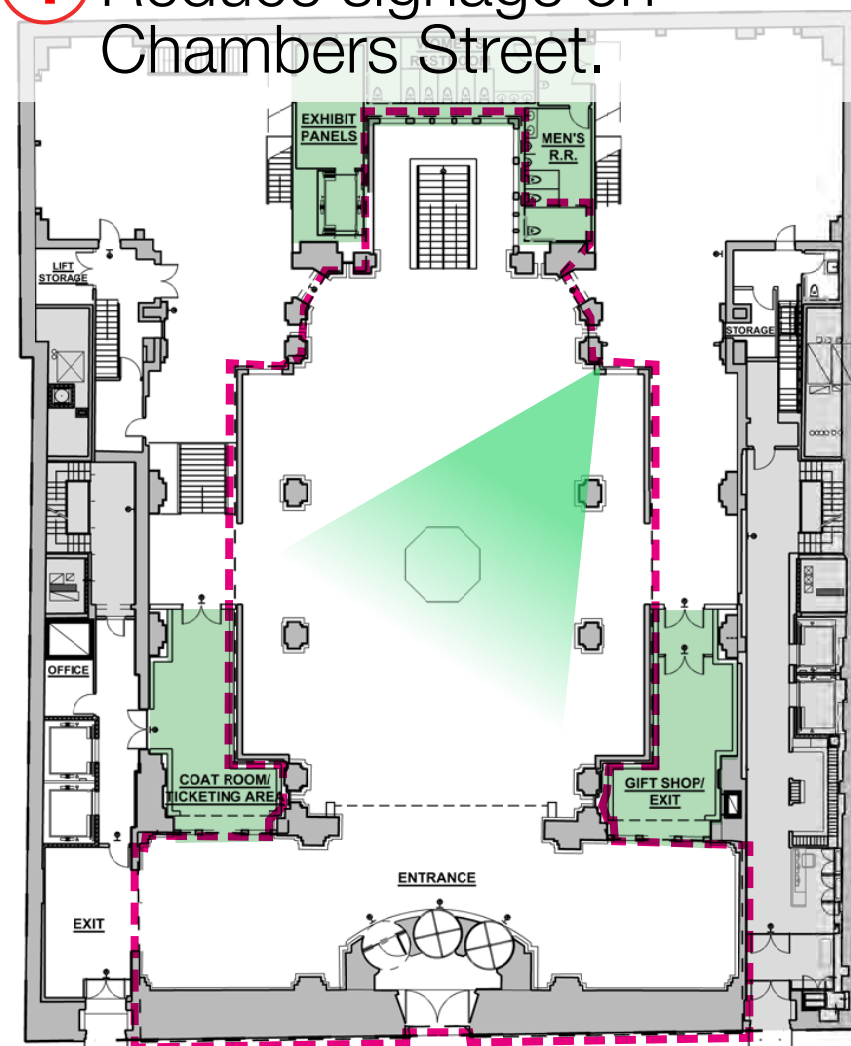
VIEW OF PROPOSED EXHIBITION SPACE



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KEY PLAN

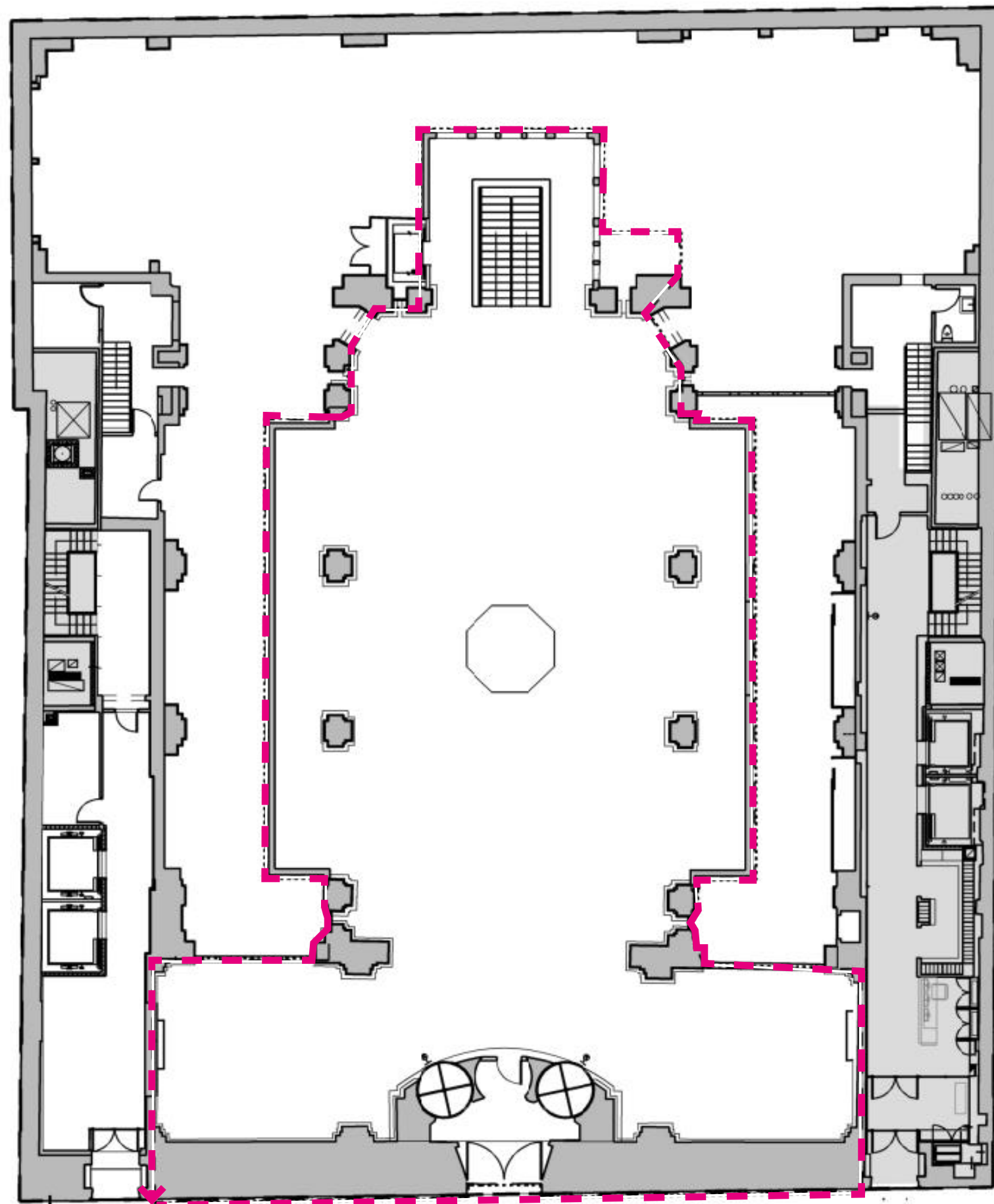


VIEW OF PROPOSED EXHIBITION SPACE

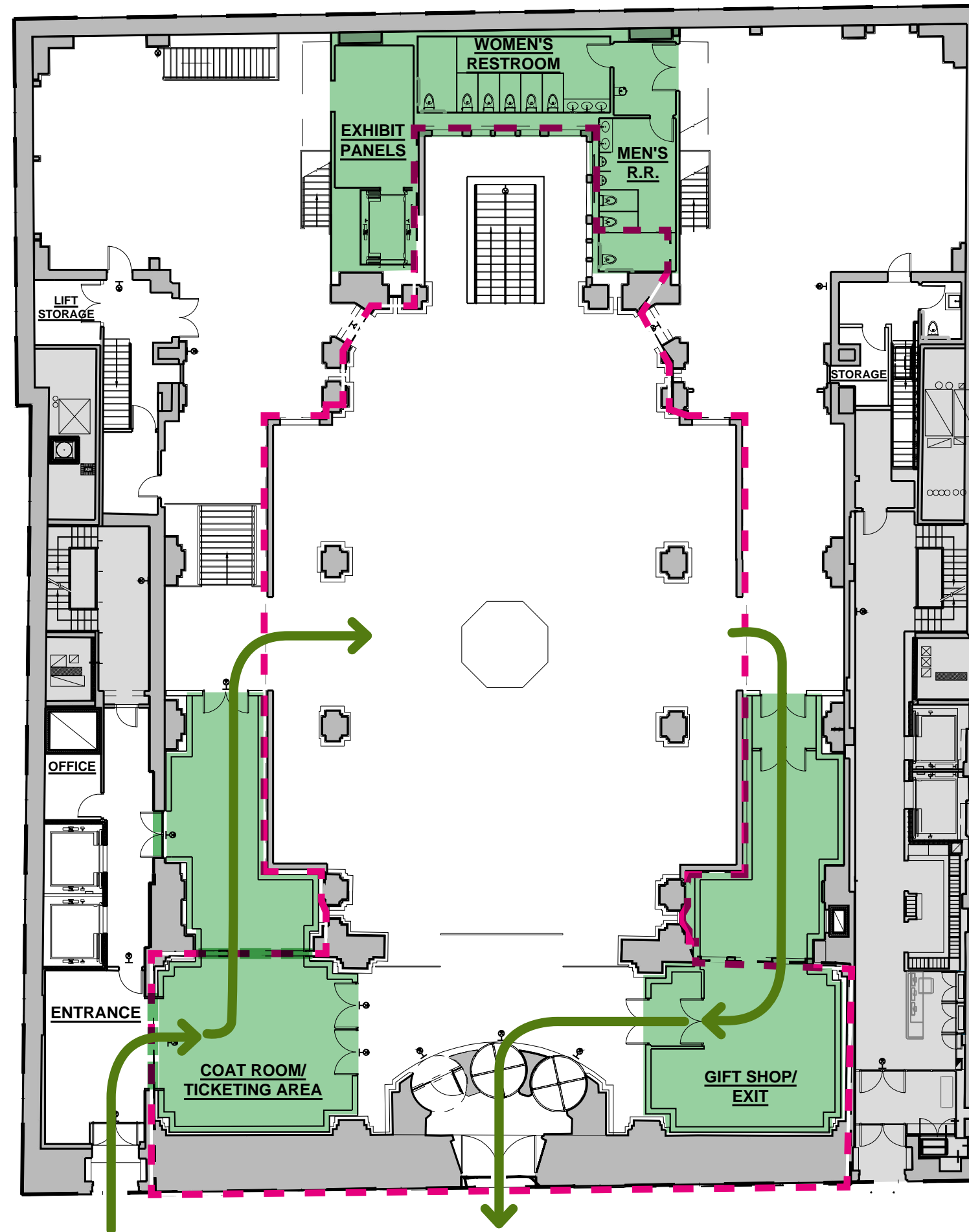


# 01.4 Hall des Lumieres - Exhibit Overview

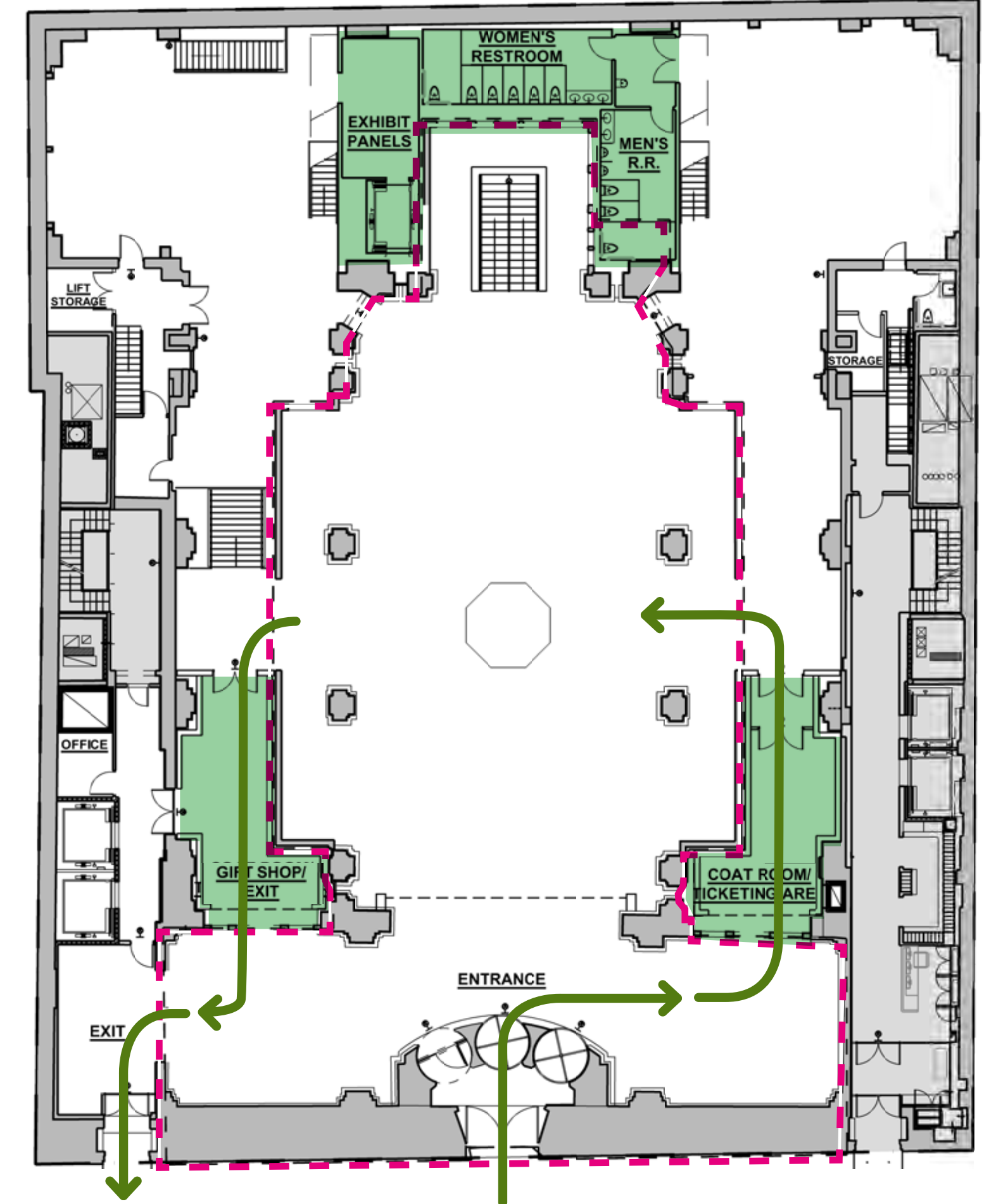
- PROPOSED SCOPE
- ■ ■ ■ LANDMARK DESIGNATED AREA



EXISTING GROUND FLOOR



PREVIOUS PROPOSED GROUND FLOOR

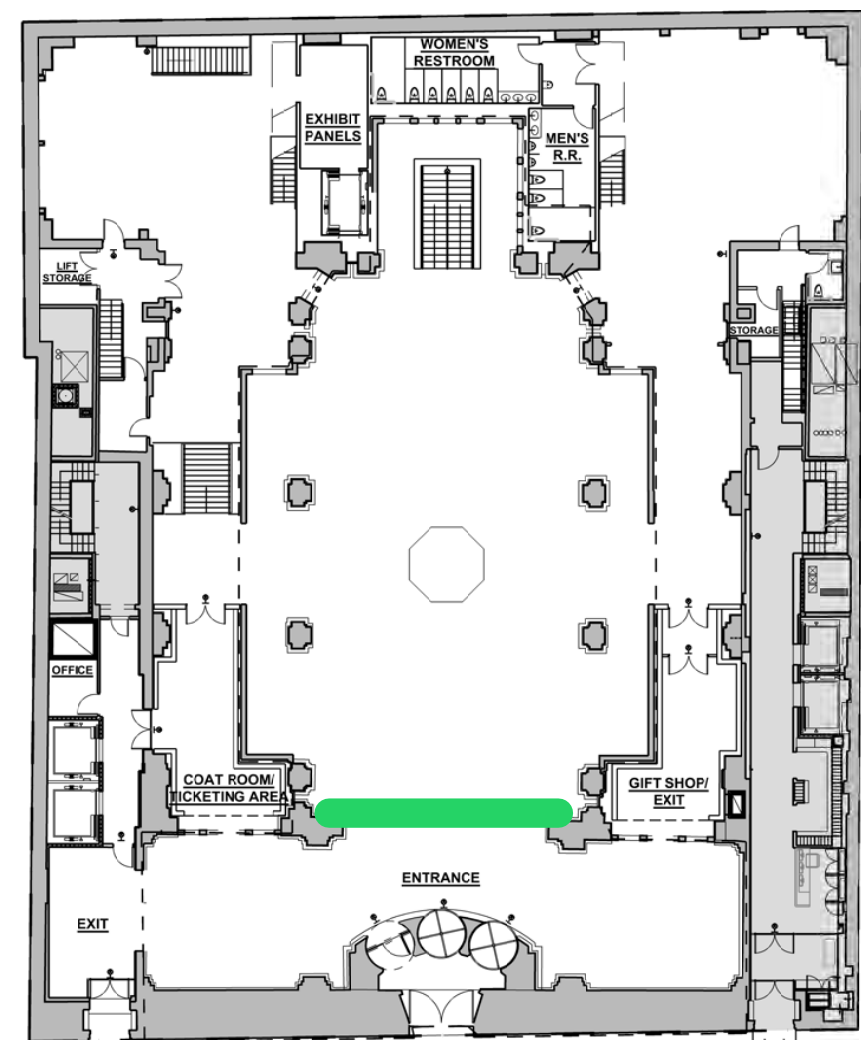


REVISED PROPOSED GROUND FLOOR

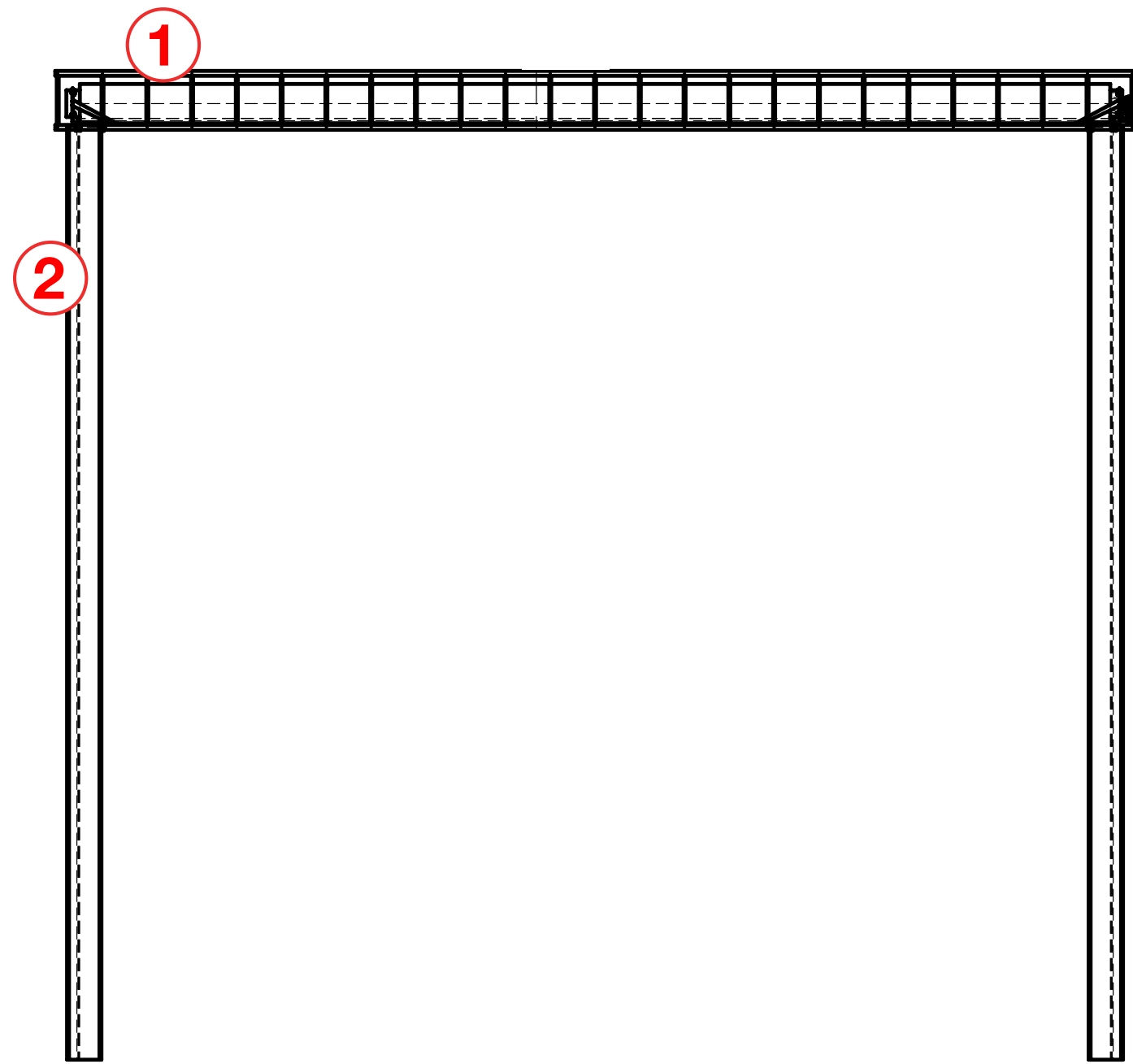


# 01.5 Central Curtain - Roller Structure and Curtain Tracks

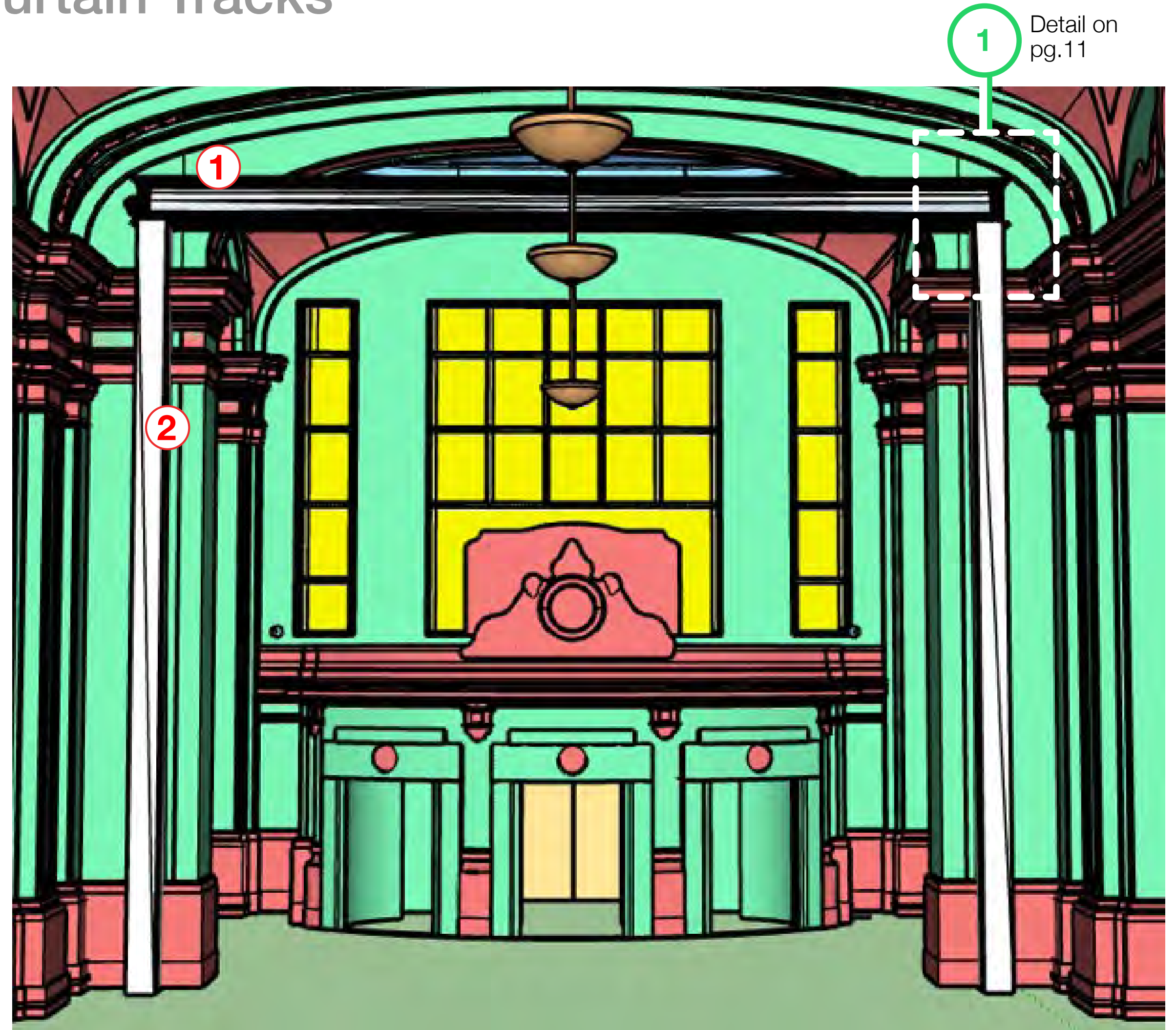
- ① Roller and Truss
- ② Curtain Track



KEY PLAN



CENTRAL CURTAIN ELEVATION

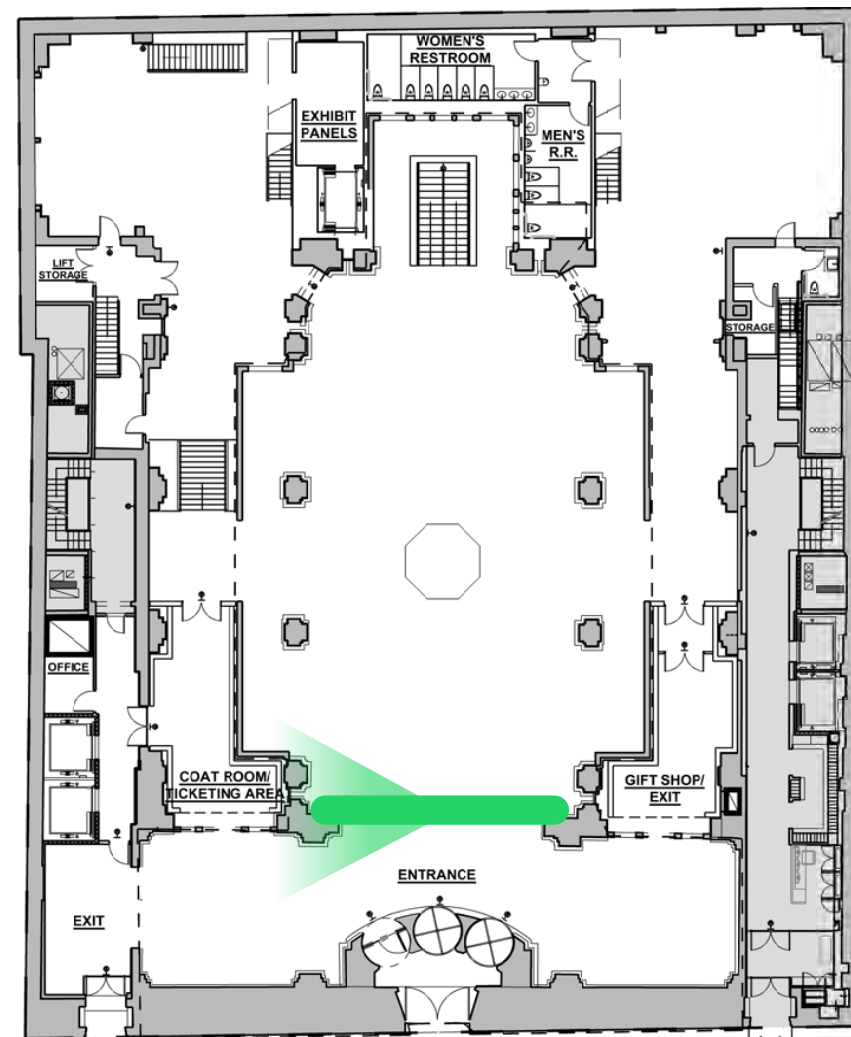


CENTRAL CURTAIN

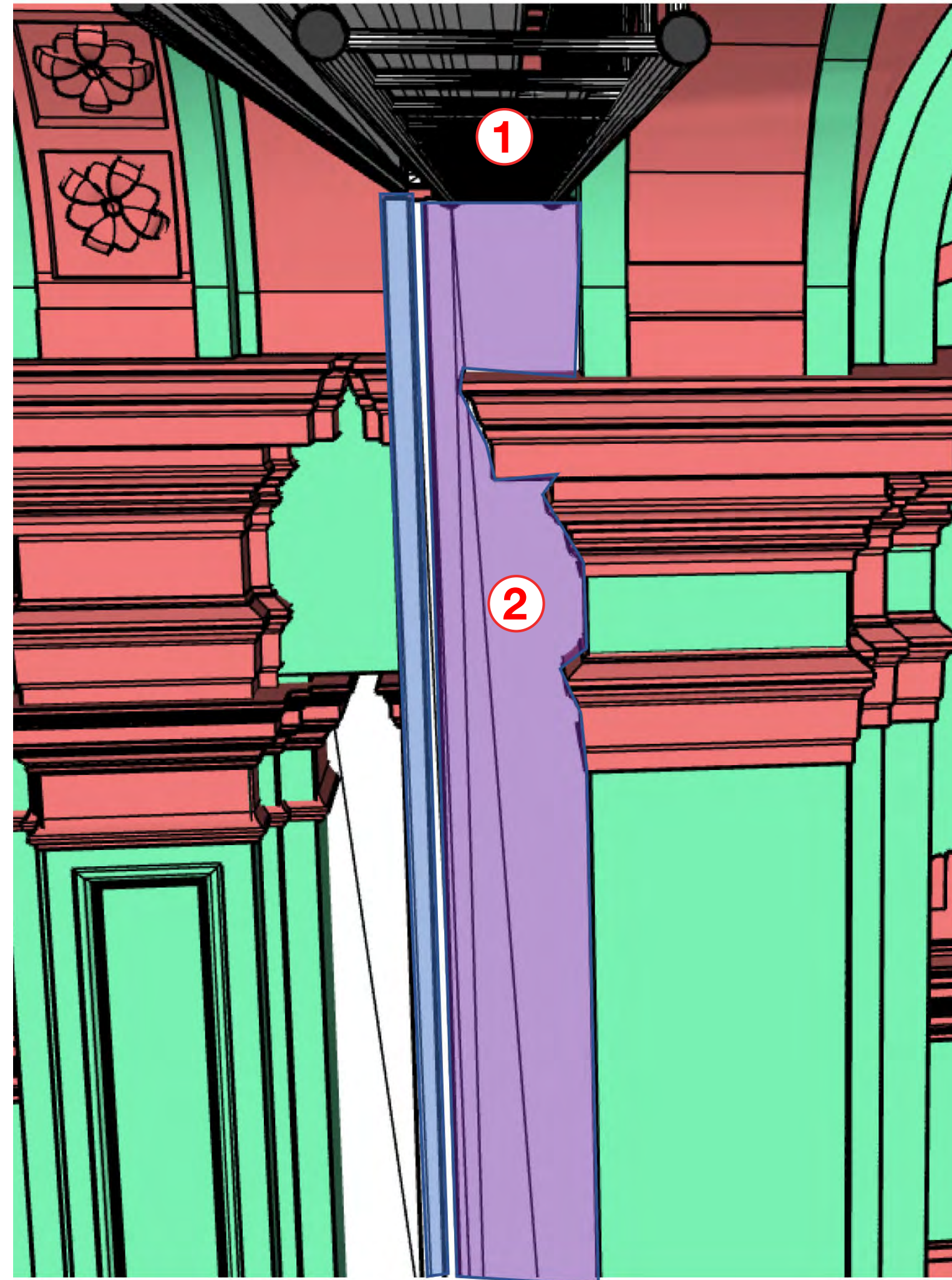


# 01.5 Central Curtain - Structural details

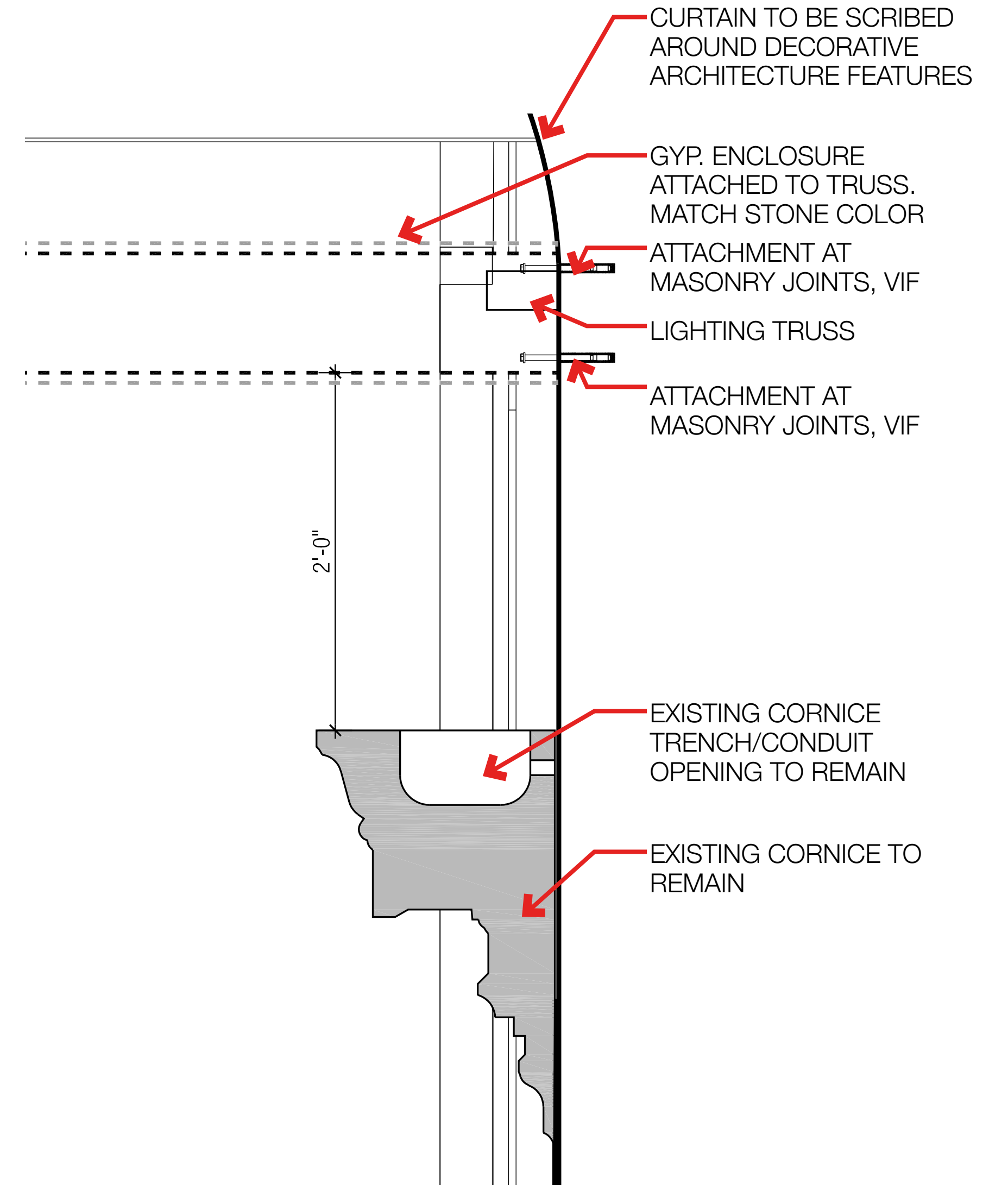
- 1 Curtain roller and truss attached to building structure.
- 2 Curtain track and enclosure attached to masonry wall at mortar joints only. To be scribed around decorative architectural features.



KEY PLAN



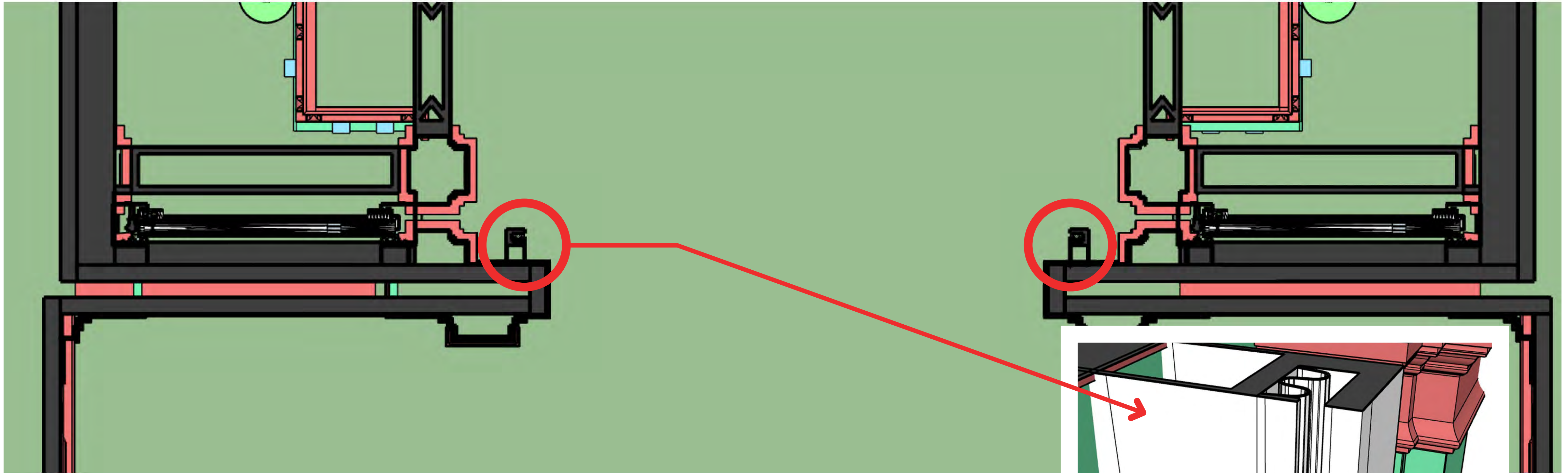
CURTAIN REWINDER - METAL STRUCTURE



DETAIL @ CORNICE



# 01.5 Central Curtain - Detail of Curtain Tracks and Enclosures



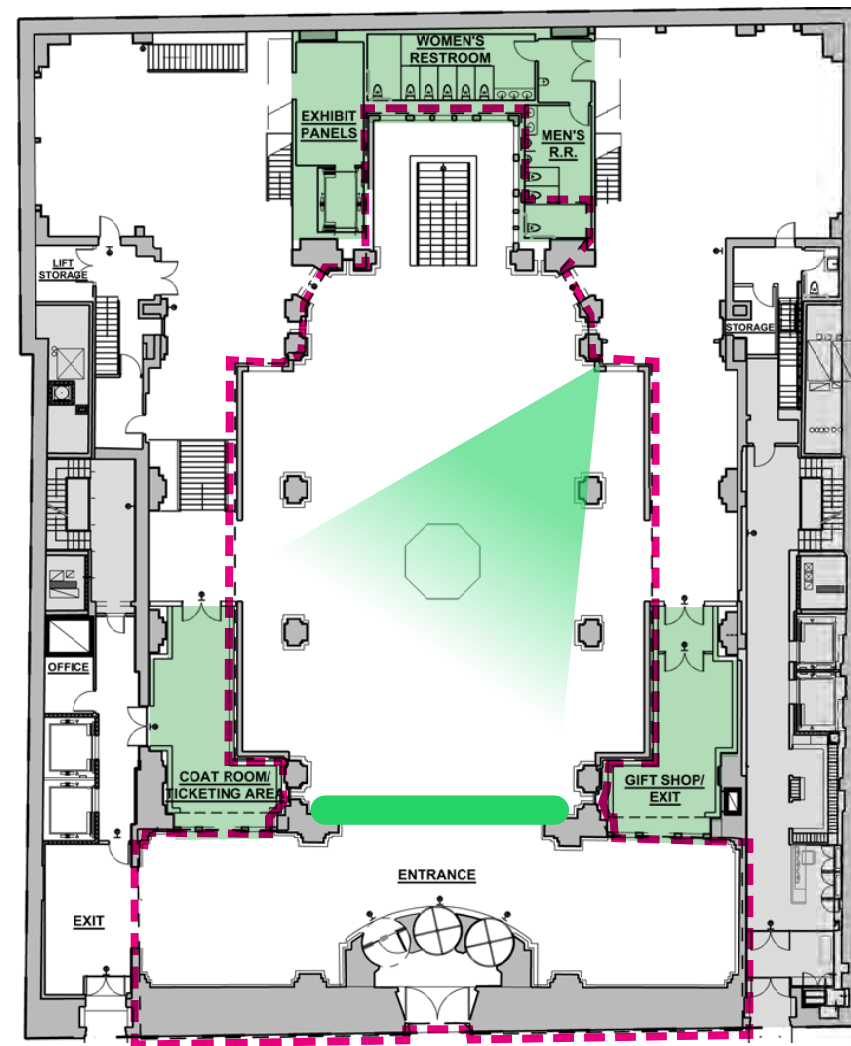
CURTAIN TRACK AND ENCLOSURE, WITH BRONZE FINISH. ATTACH TO MASONRY AT MORTAR JOINTS ONLY.



# 01.3 Central Curtain - Revised Proposal

1 Bronze-finished enclosure for curtain system.

Enclosure to be scribed to follow the architectural details, and attached at mortar joints only with masonry anchors.



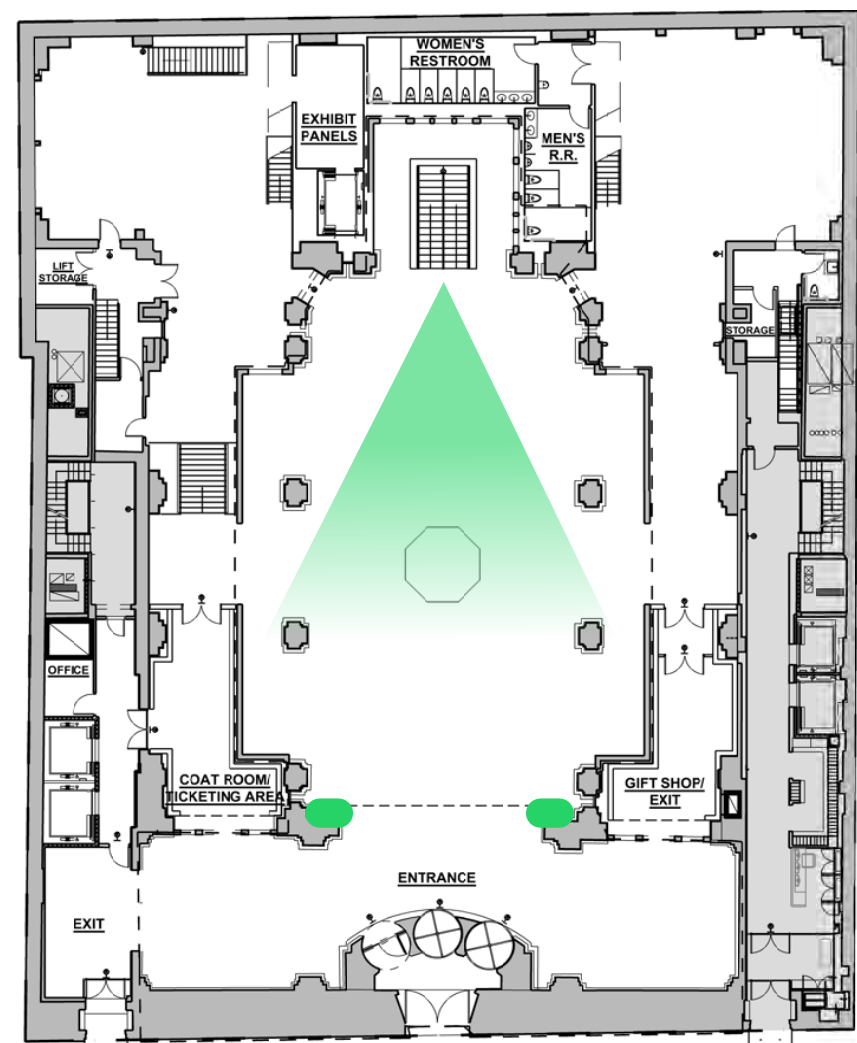
KEY PLAN



VIEW OF PROPOSED EXHIBITION SPACE



# 01.5 Curtain System - Revised Proposal

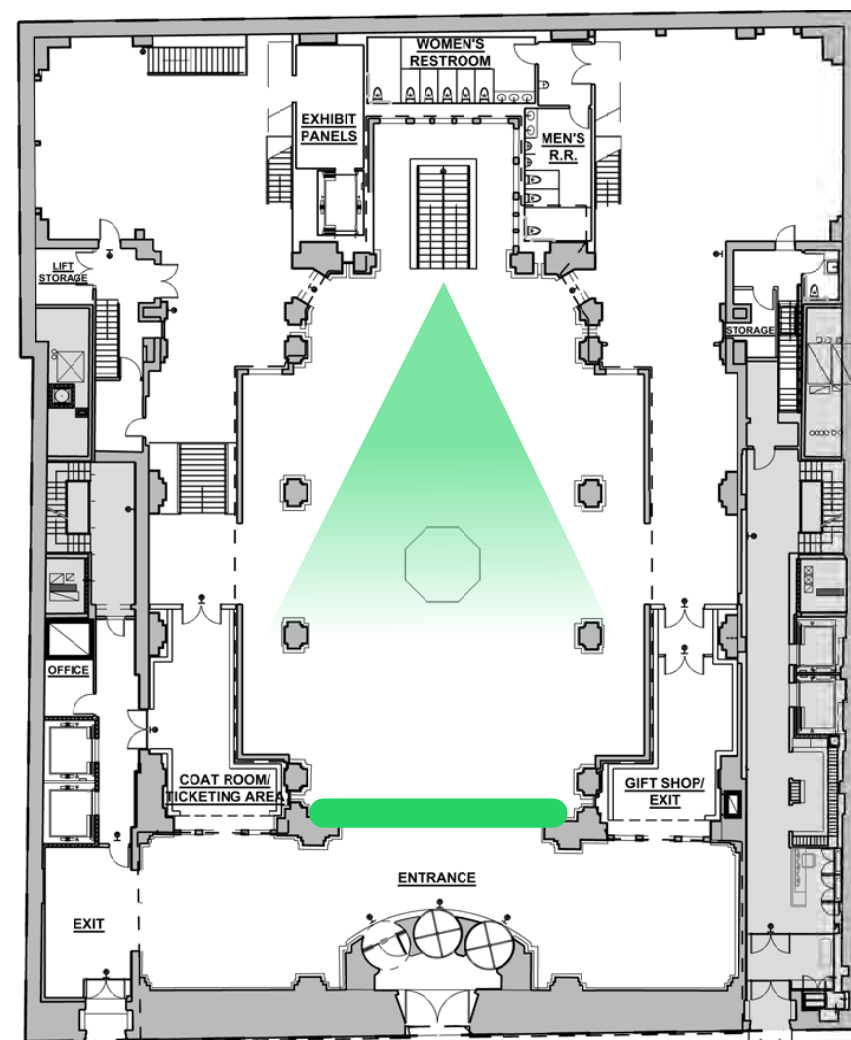


KEY PLAN





# 01.5 Curtain System - Revised Proposal

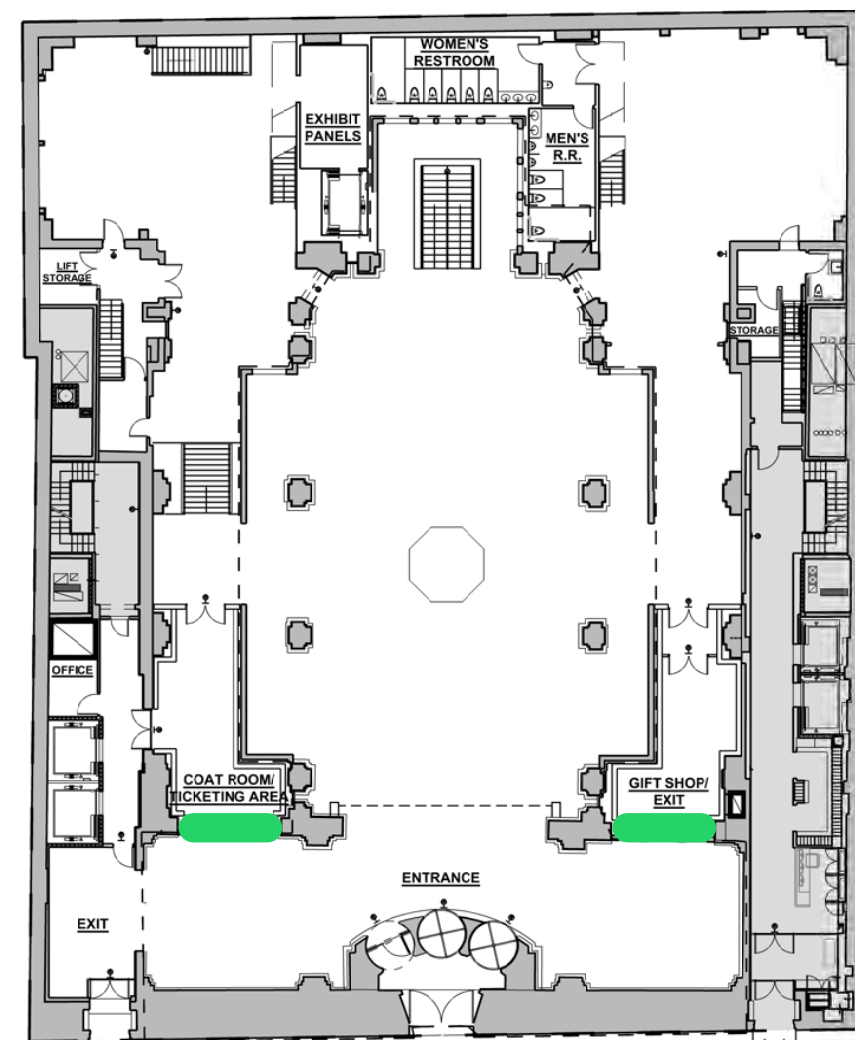


KEY PLAN





# 01.5 Side Curtains - Structural Details

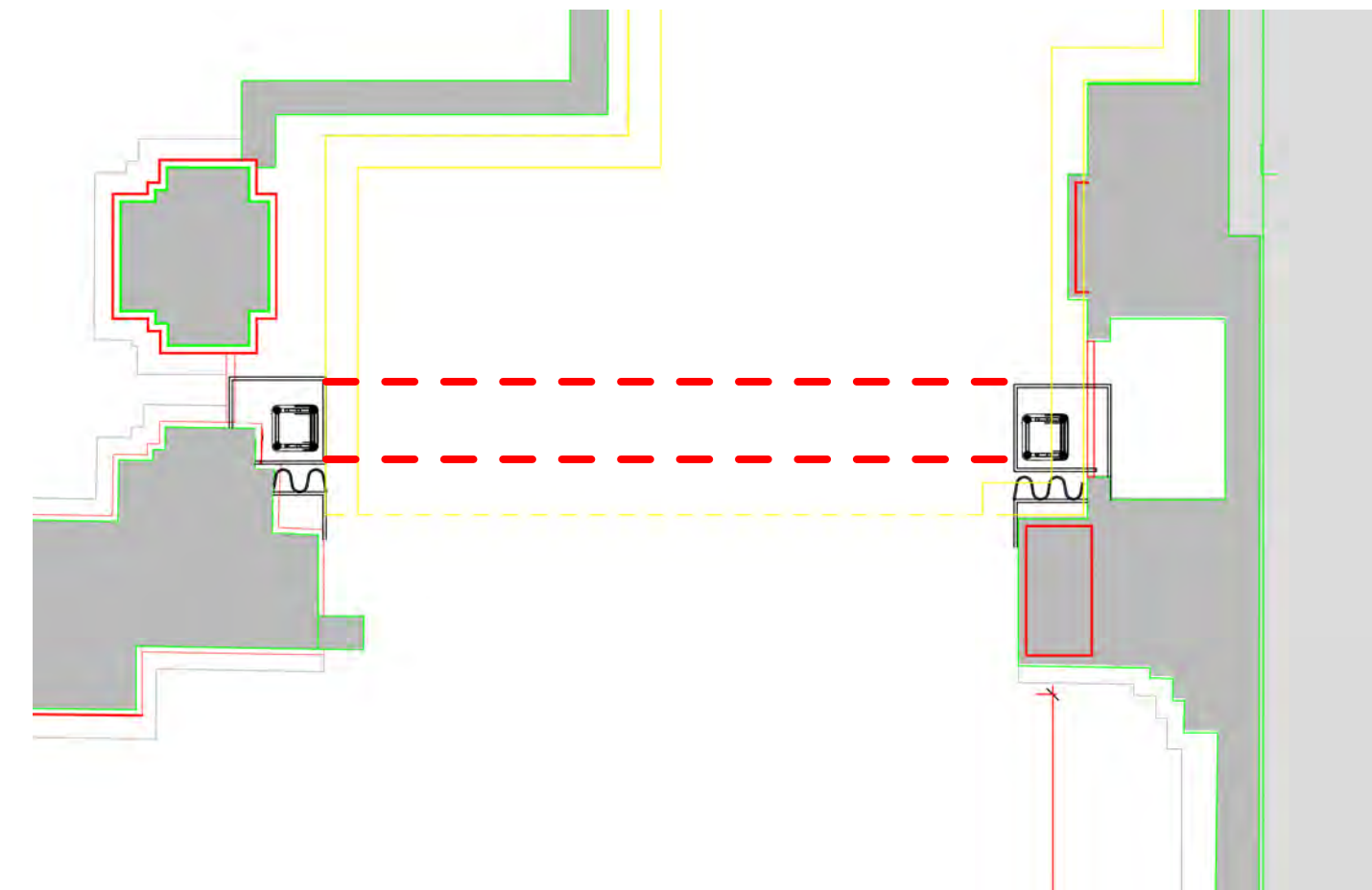


KEY PLAN



Weight of the structure = 120 kg  
 Weight of the curtains = 200 kg

Total = 320 kg



PLAN OF THE SIDE CURTAIN STRUCTURE -  
 ABOVE THE CORNICE LEVEL

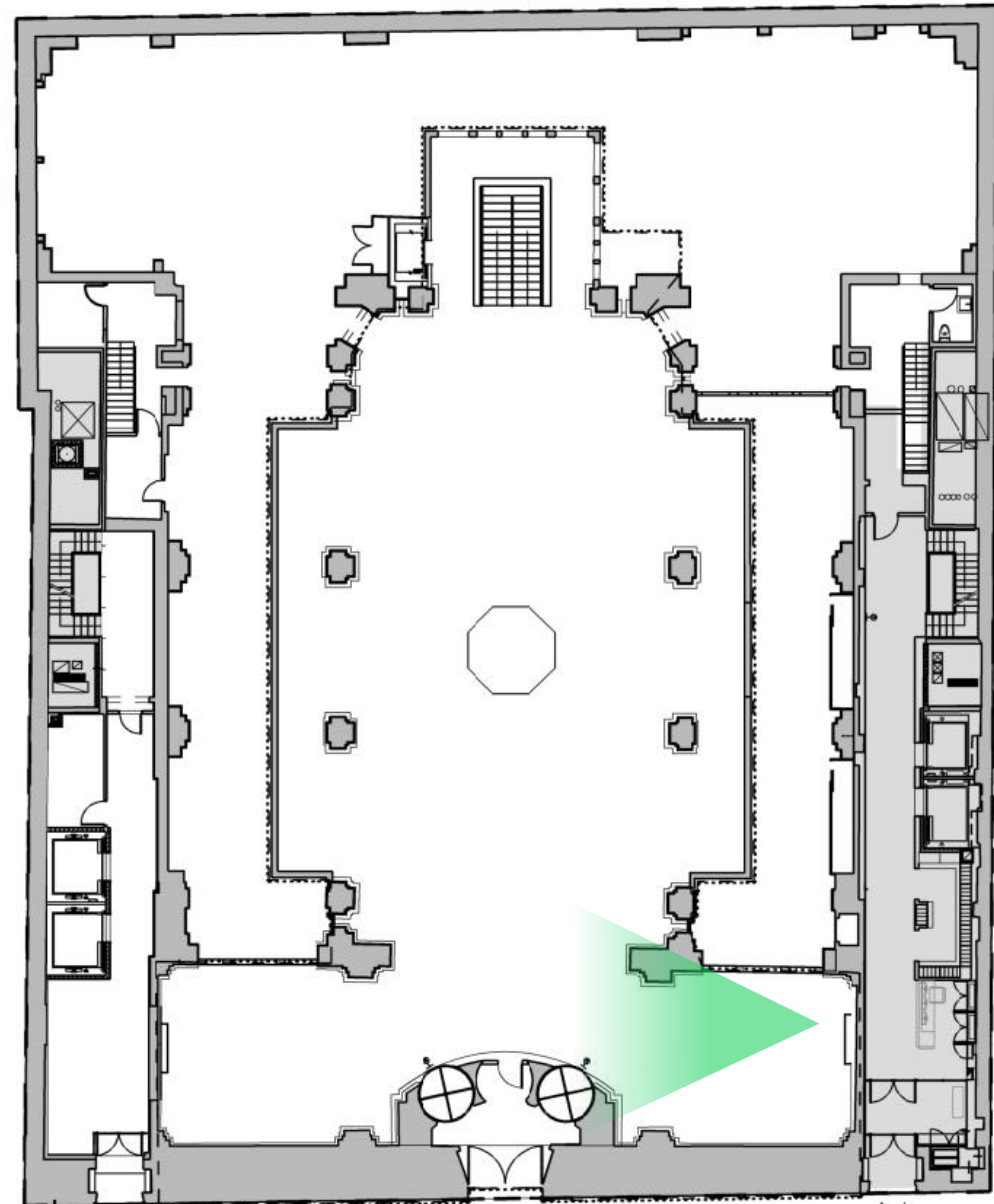


Weight of the structure = 80 kg  
 Weight of the curtains = 350 kg

Total = 430 kg (without the decorative formwork)

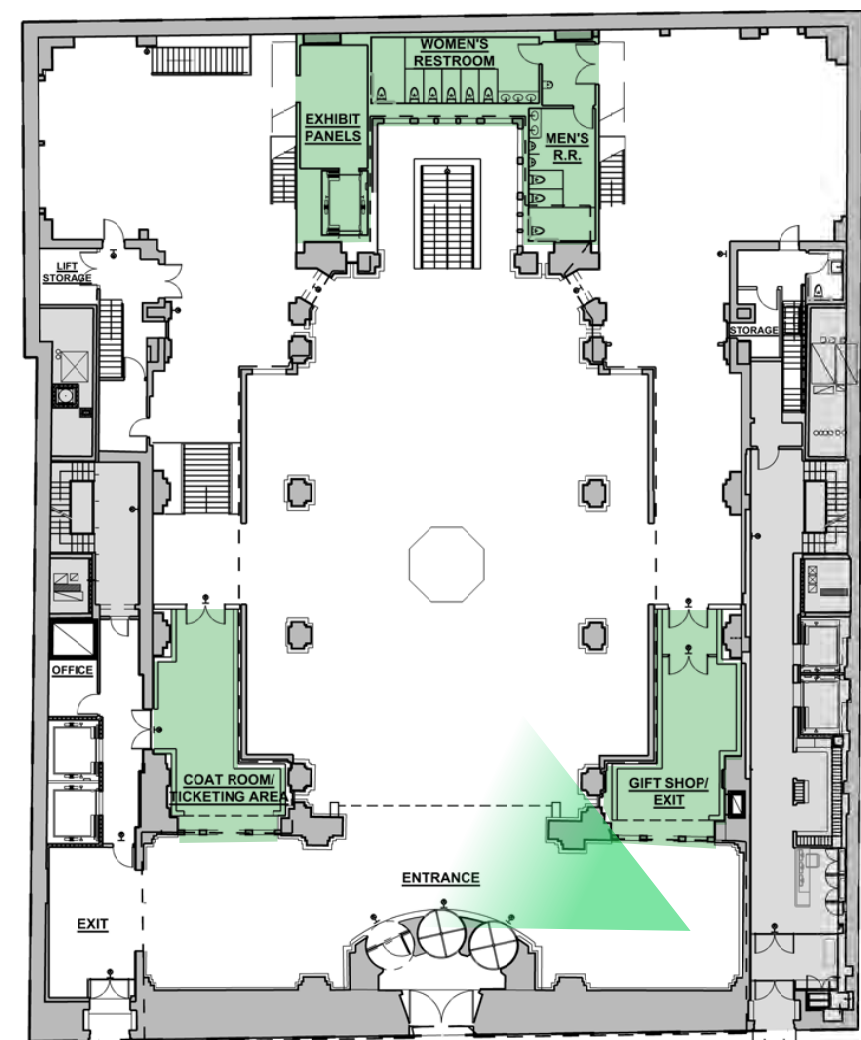


# 01.5 51 Chambers - Existing Conditions





# 01.5 Curtain System - Revised Proposal

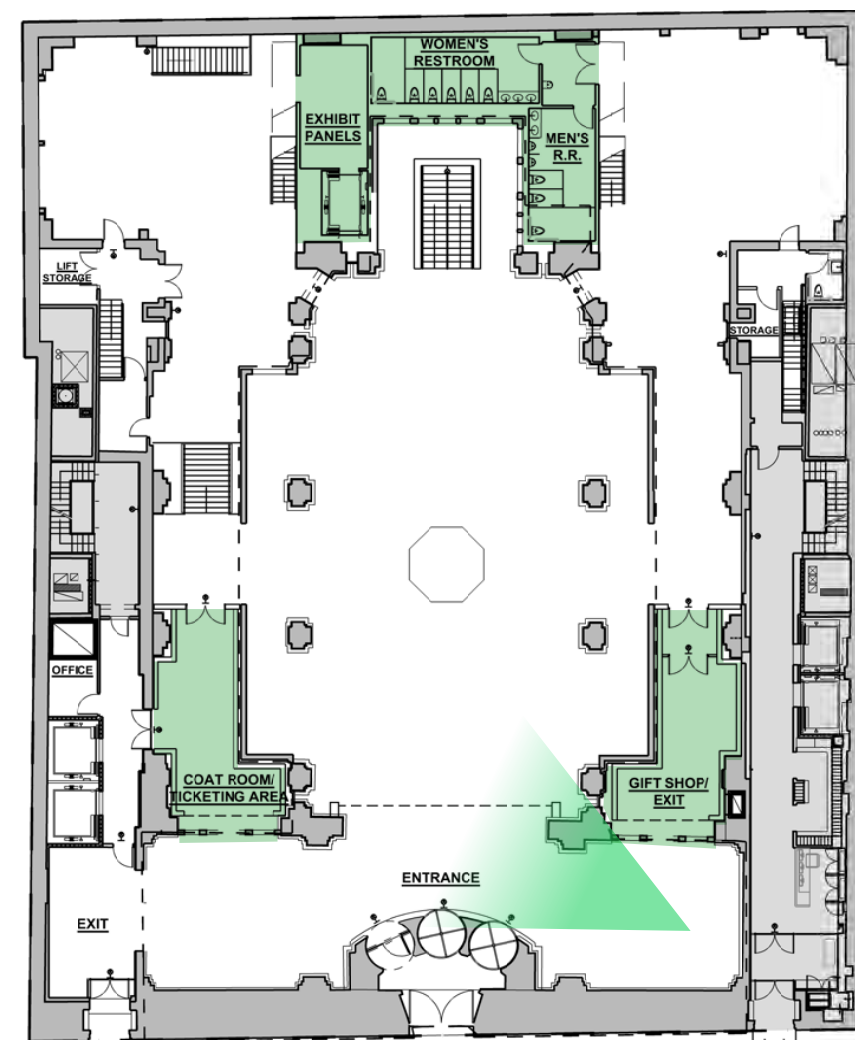


KEY PLAN





# 01.5 Curtain System - Revised Proposal



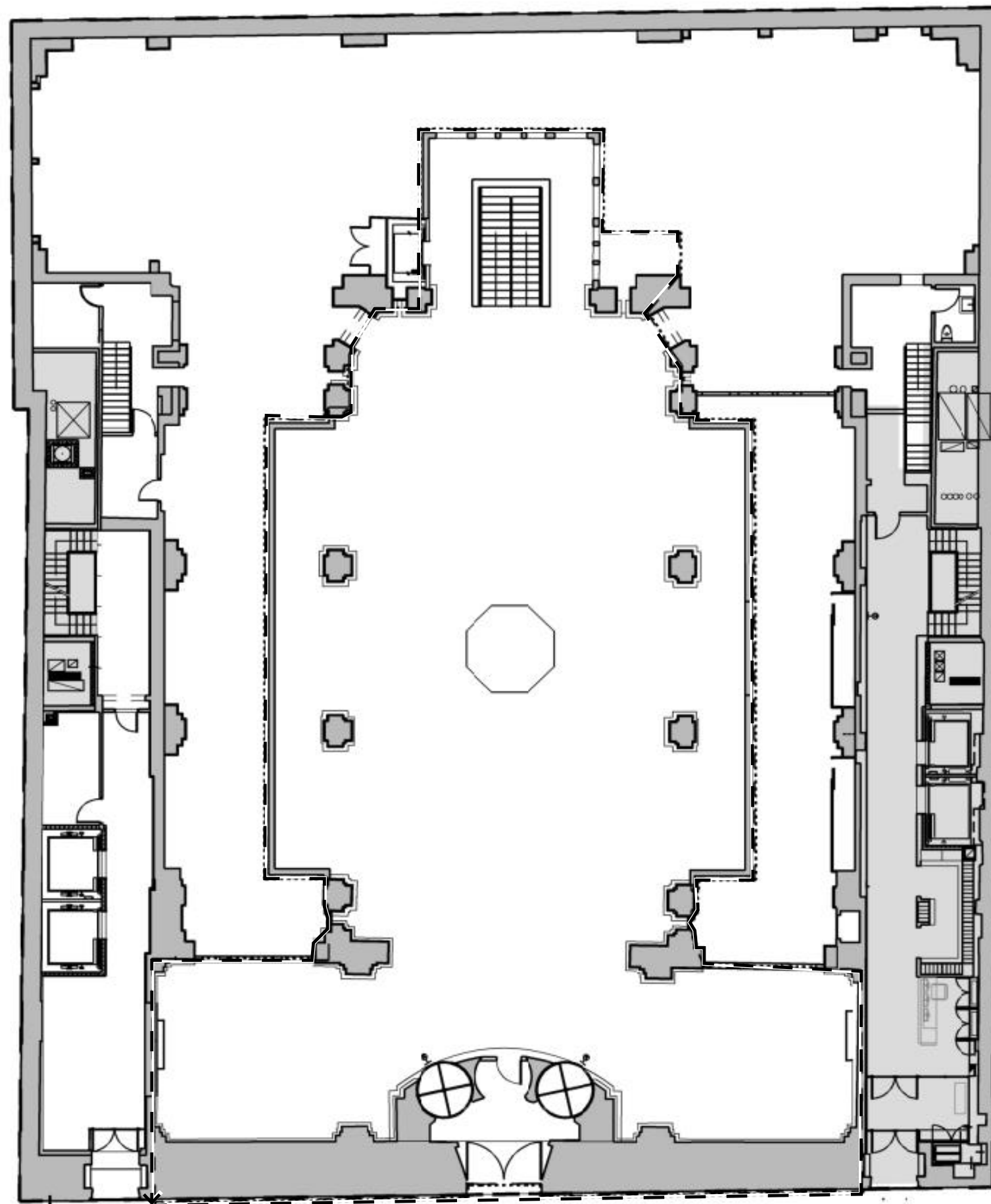
KEY PLAN



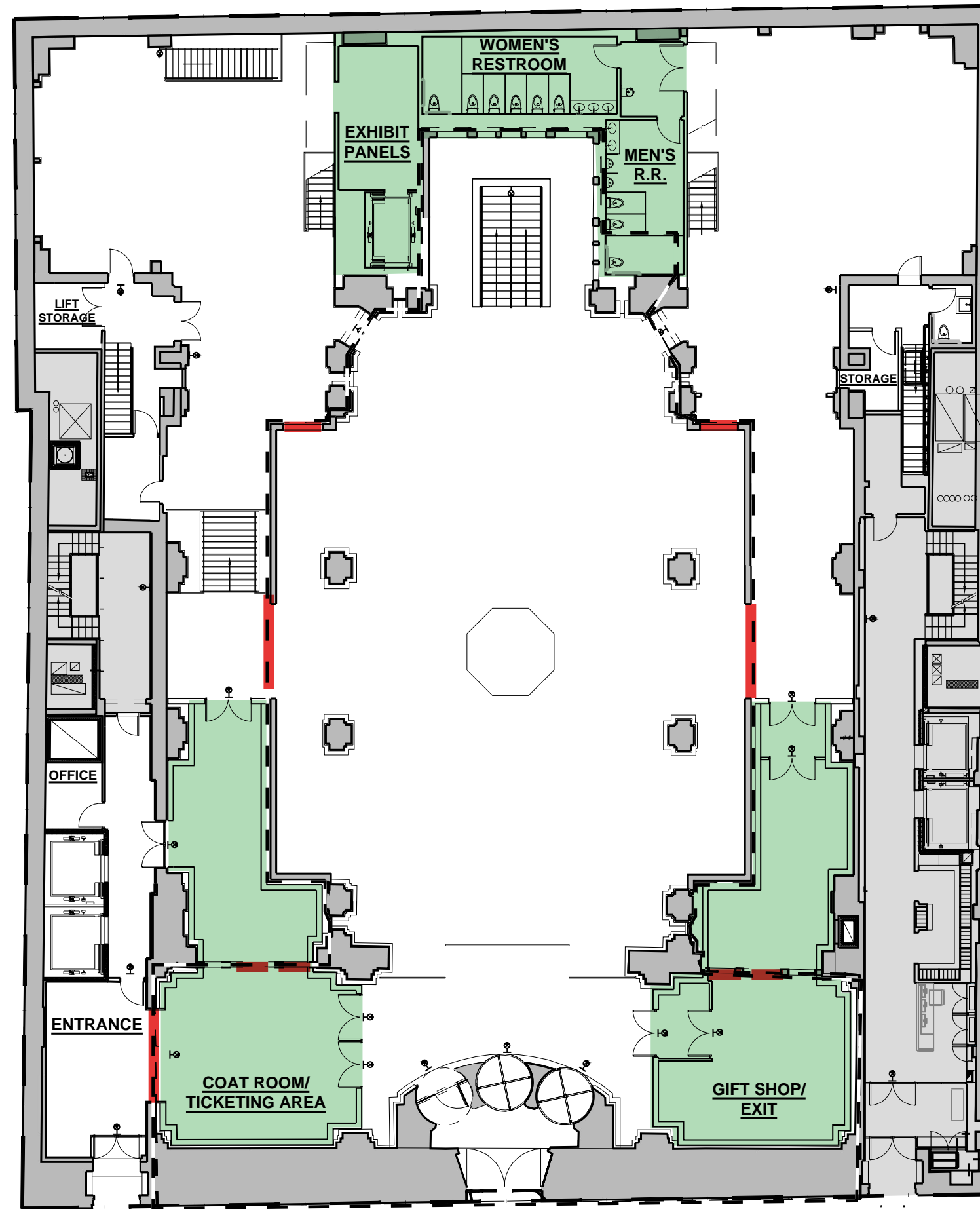


# 01.6 Plans - Revised removal of historic fabric and insertion of boxes

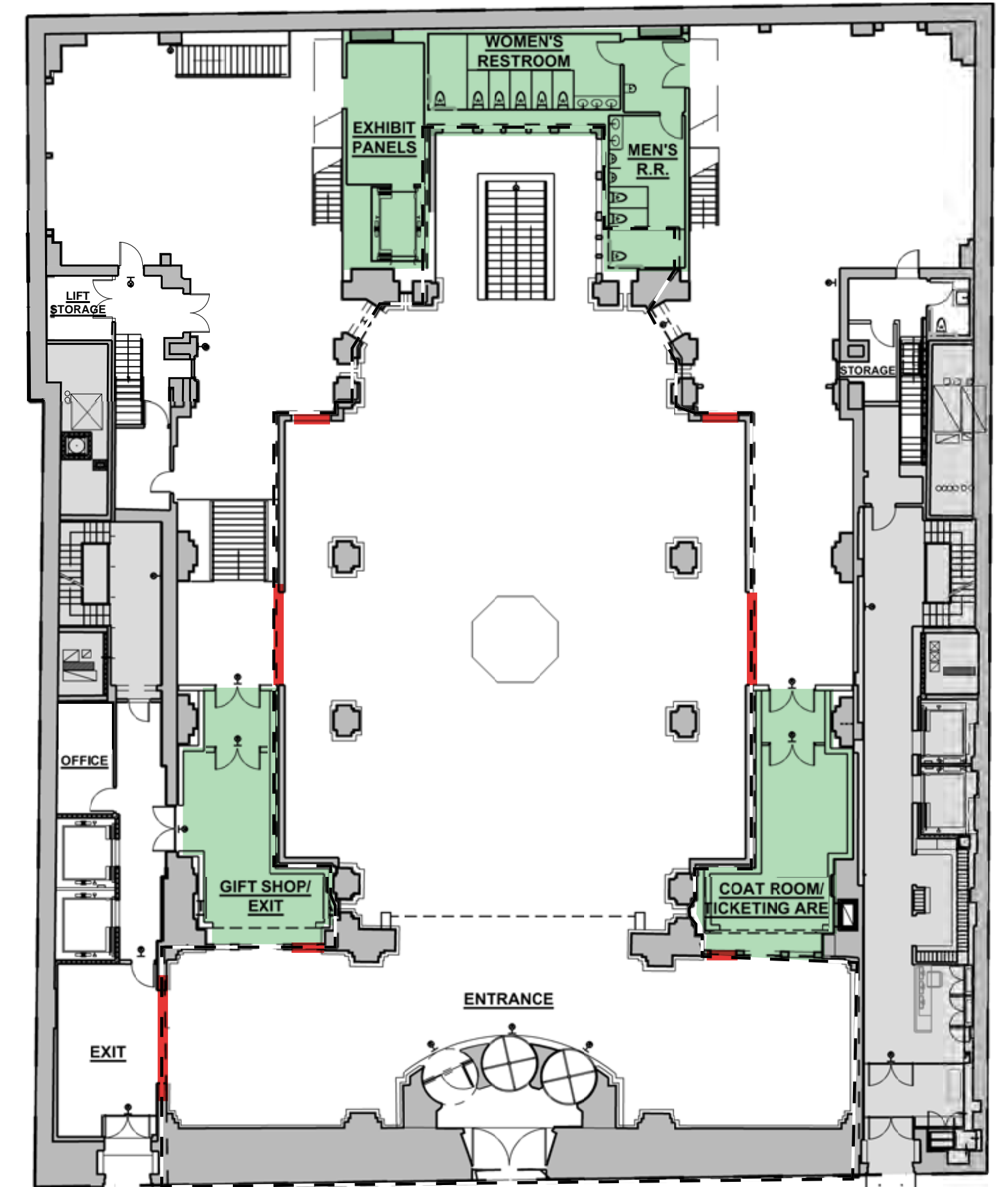
NEW CONSTRUCTION  
REMOVAL



EXISTING GROUND FLOOR



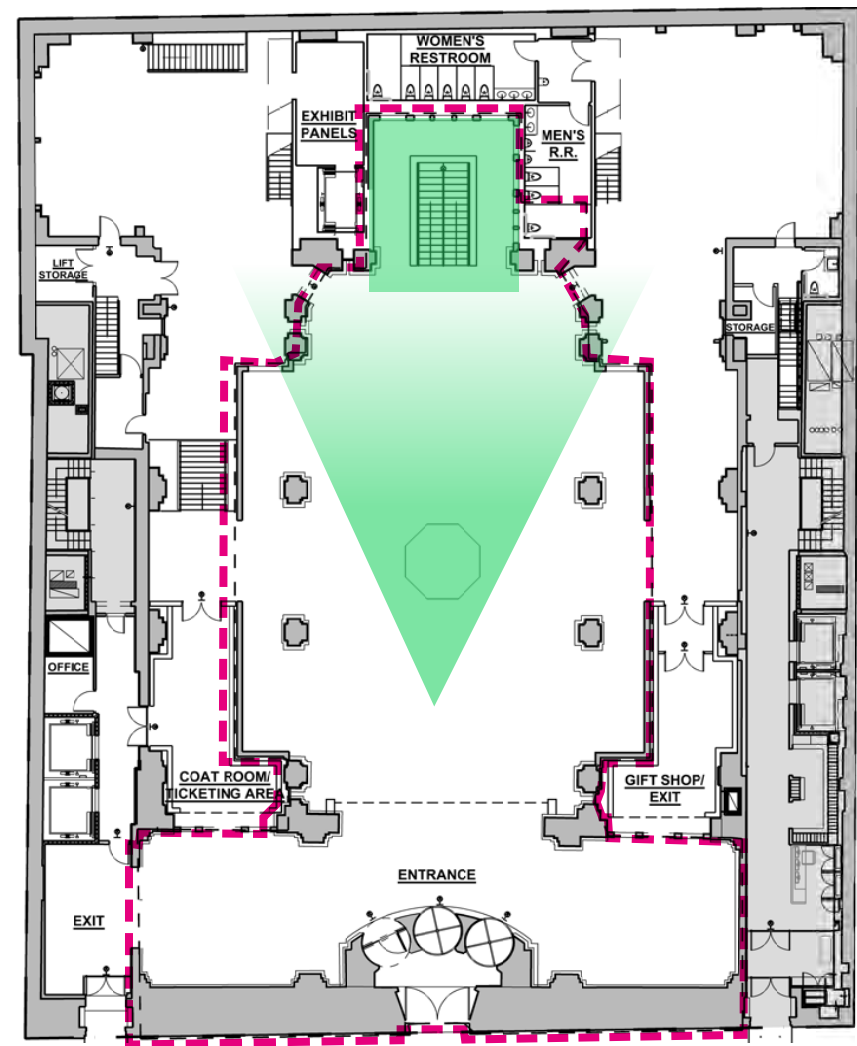
PREVIOUS PROPOSED GROUND FLOOR



REVISED PROPOSED GROUND FLOOR



# 01.7 Mezzanine Viewing Platform - Existing



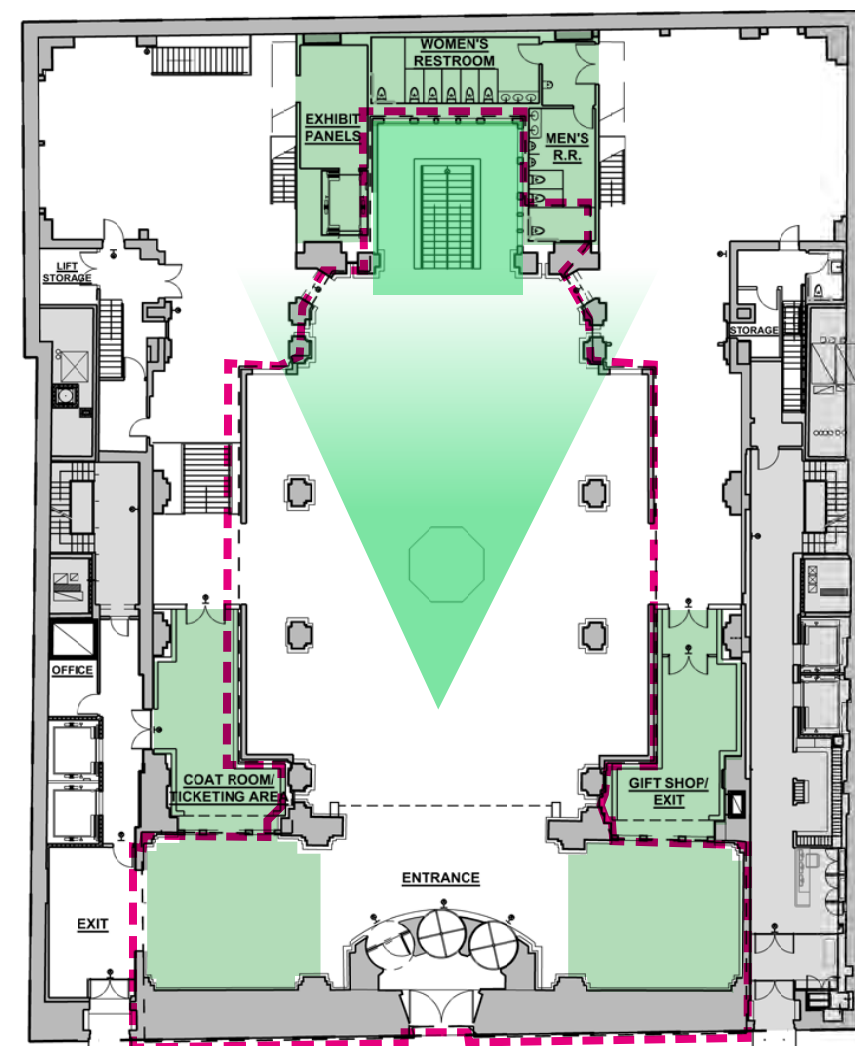
KEY PLAN



CURRENT INTERIOR CONDITIONS



# 01.7 Mezzanine Viewing Platform and Elevator - Previous Proposal



KEY PLAN

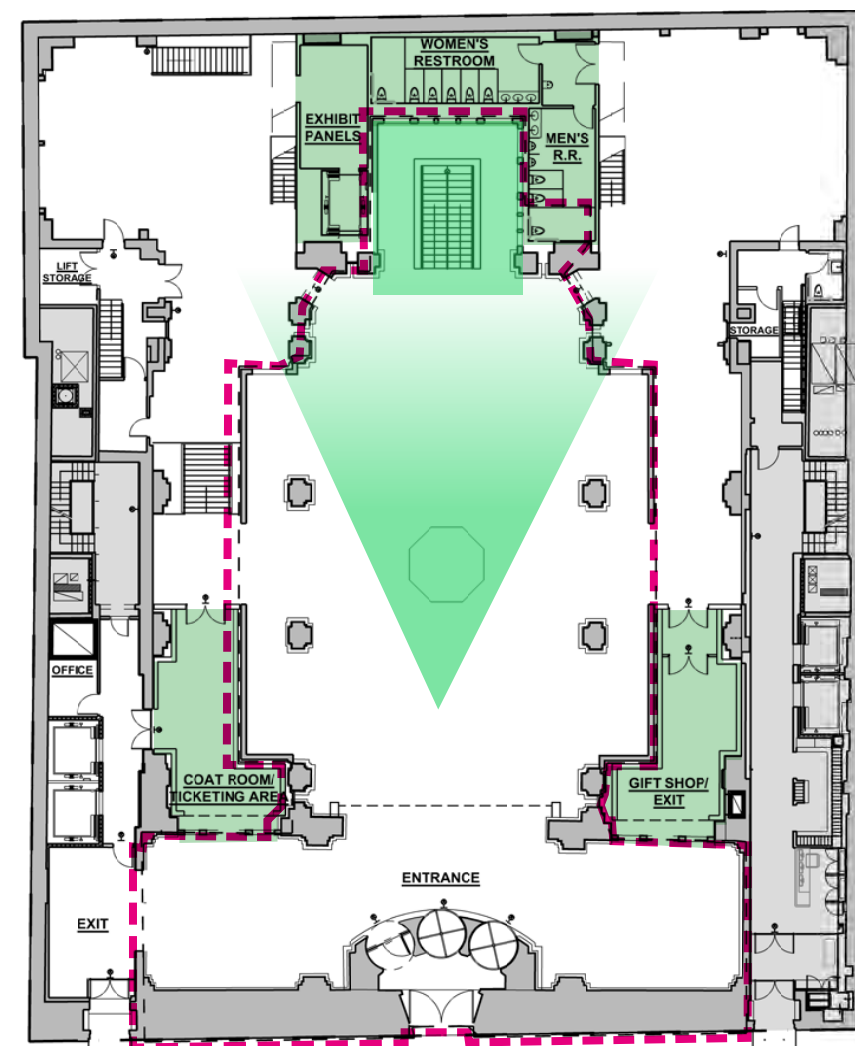


PROPOSED MEZZANINE



# 01.7 Mezzanine Viewing Platform and Elevator - Revised Proposal

1 Plaster cornice detailing on drywall.



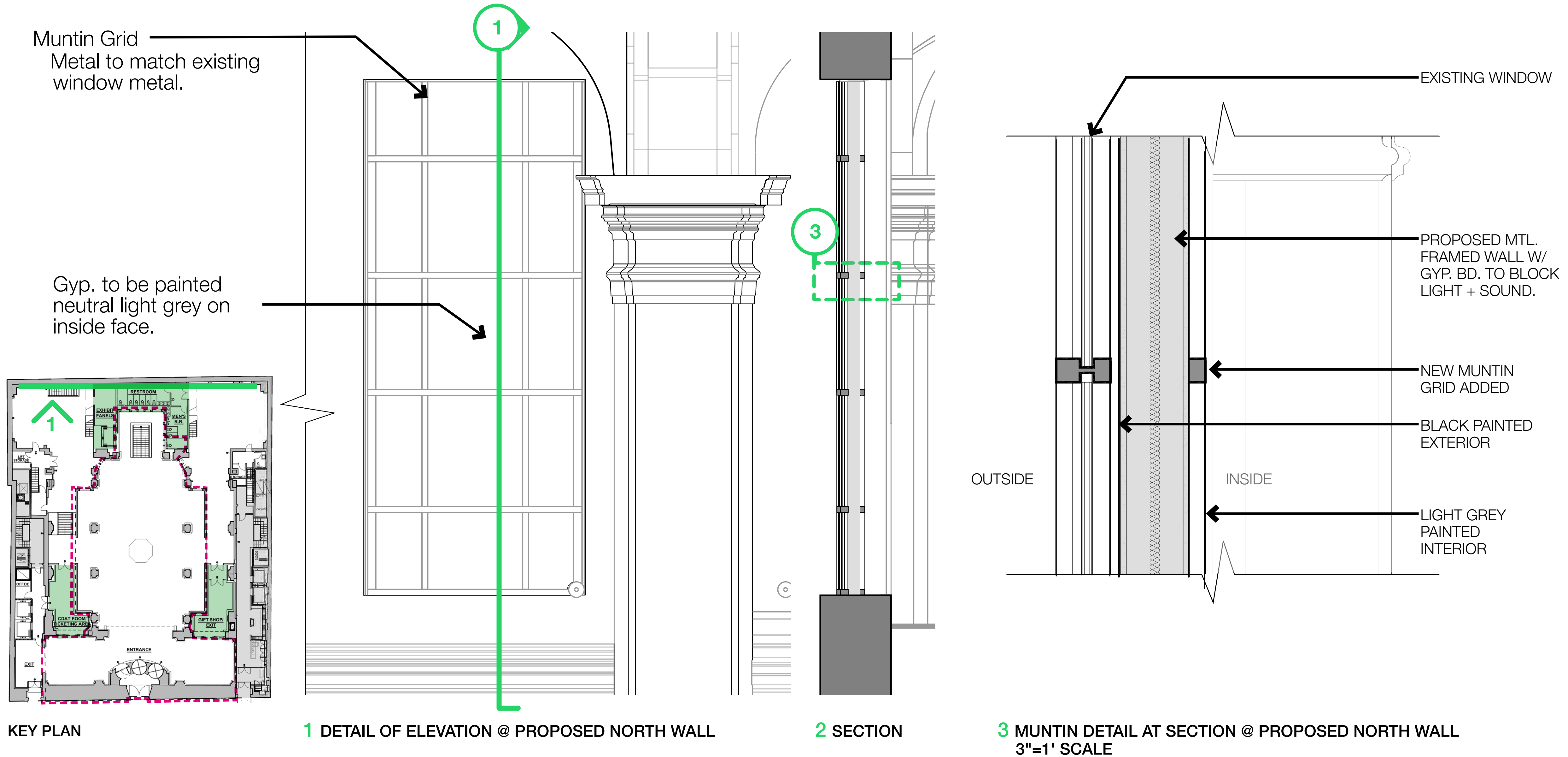
KEY PLAN



PROPOSED MEZZANINE



# 01.8 Main Exhibit Space - Reade Street Window Cover





## 02.0 Exterior Alterations - Chambers Street Existing Elevation



EXISTING CHAMBERS STREET FACADE



EXISTING CHAMBERS STREET FACADE







# 02.0 Exterior Alterations - Chambers Street Revised Elevation



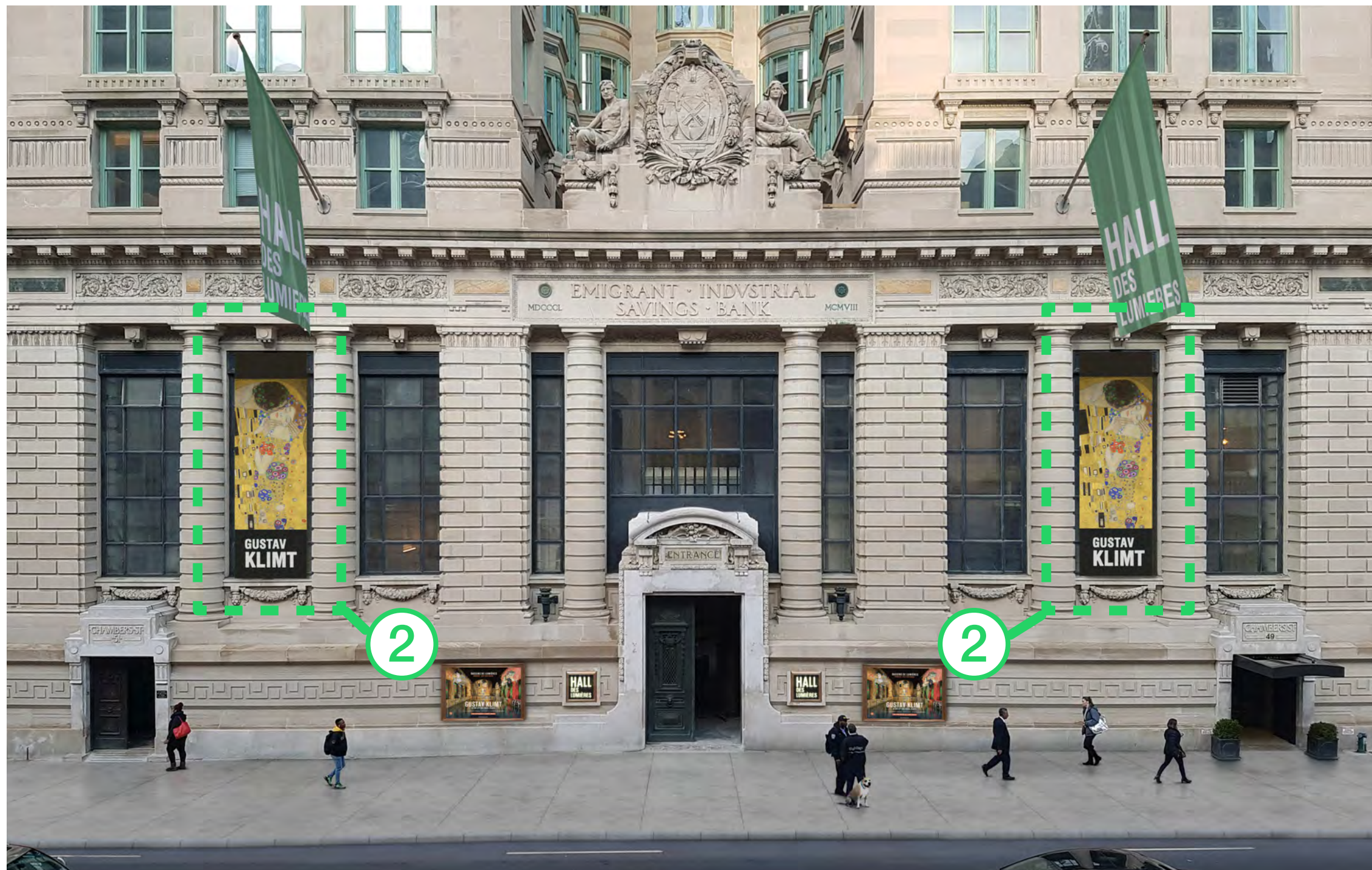
EXISTING CHAMBERS STREET FACADE



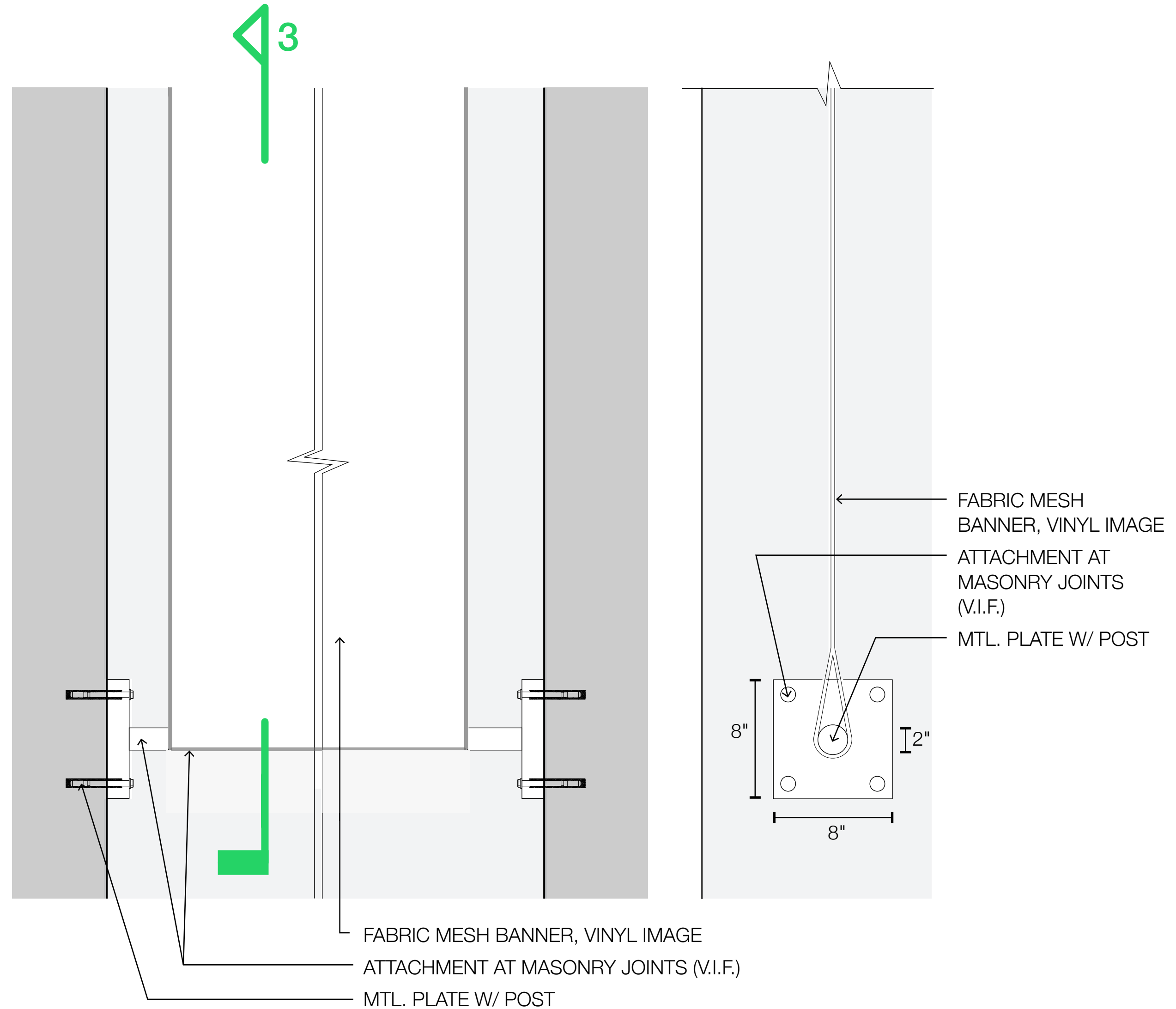
PROPOSED CHAMBERS STREET FACADE



# 02.0 Exterior Alterations - Chambers Street Proposed Signage Details



1 PROPOSED CHAMBERS STREET ELEVATION

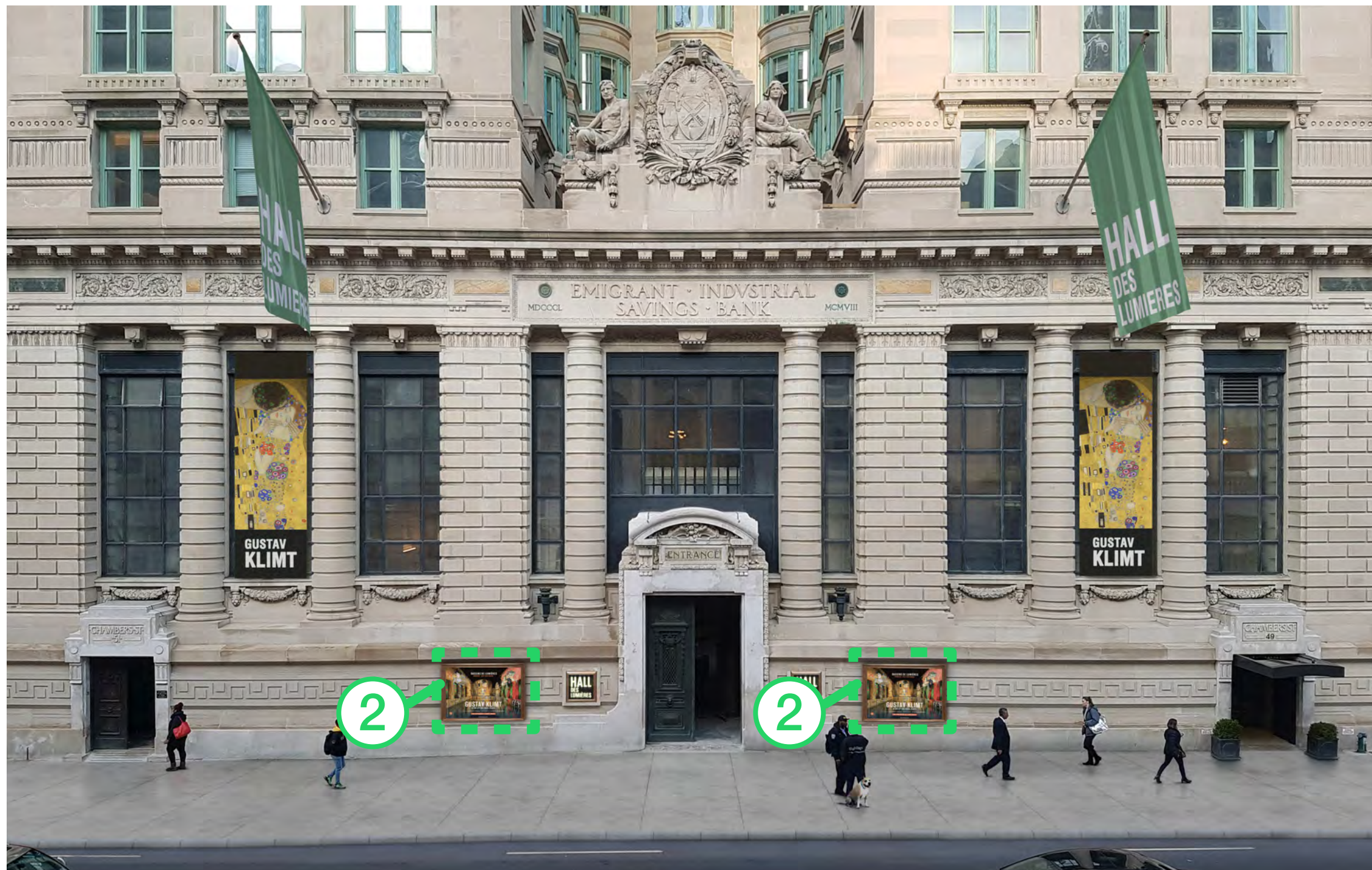


2 SECTION @ PROPOSED BANNER

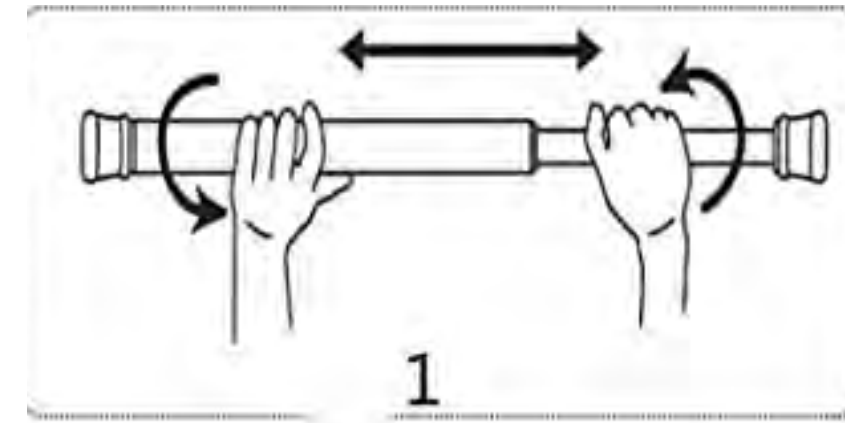
3 ELEVATION @ PROPOSED BANNER



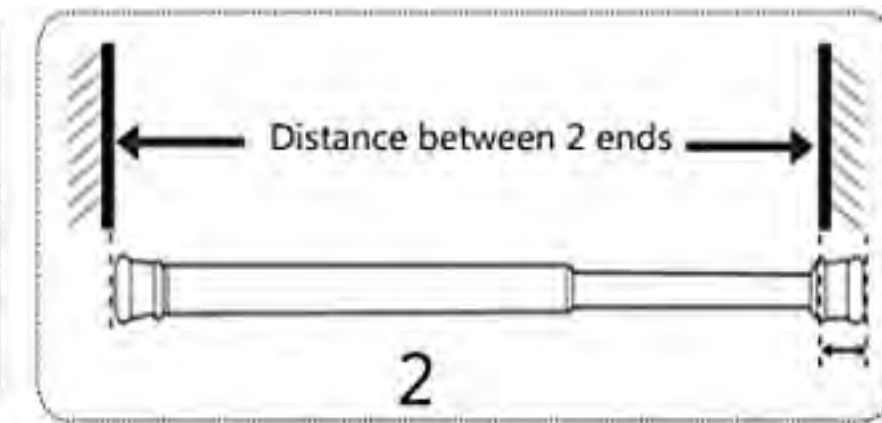
# 02.0 Exterior Alterations - Chambers Street Proposed Signage Details



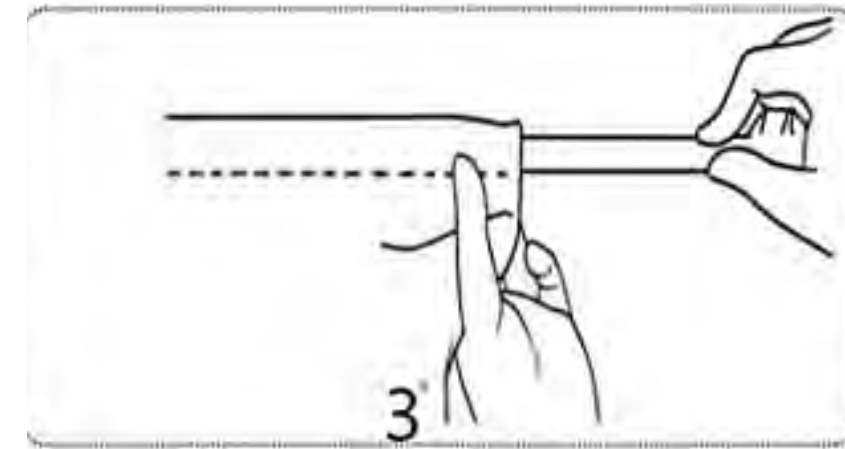
1 PROPOSED CHAMBERS STREET ELEVATION



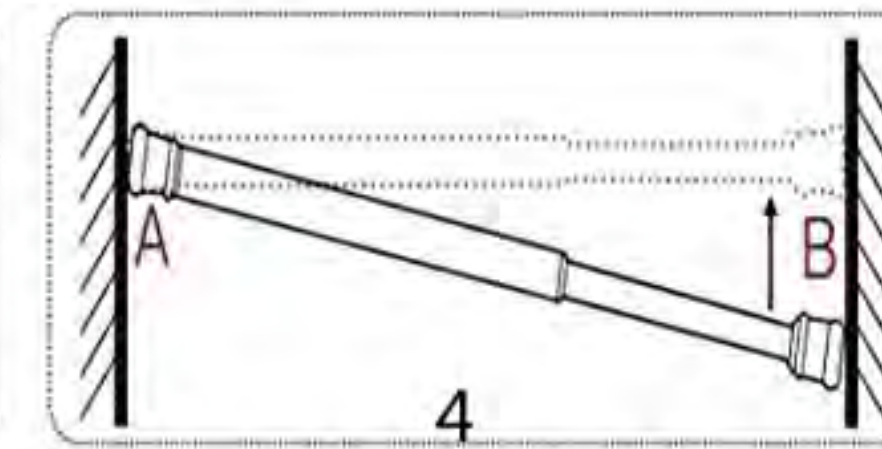
Rotate the rod counterclockwise for long and clockwise for short.



Rotate the rod counterclockwise until the rit is 1cm long than the distance between walls.

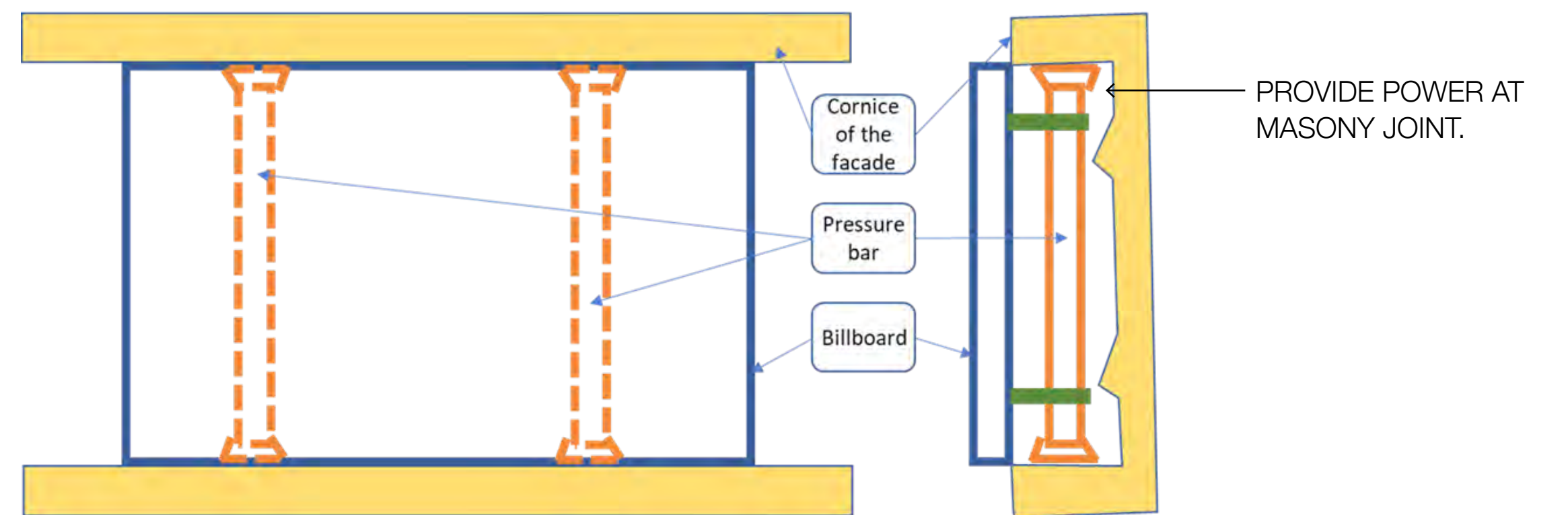


Put in the curtain from the end of the rod.



Stable A end, push B end up until it is horizontal than press B end to the wall.

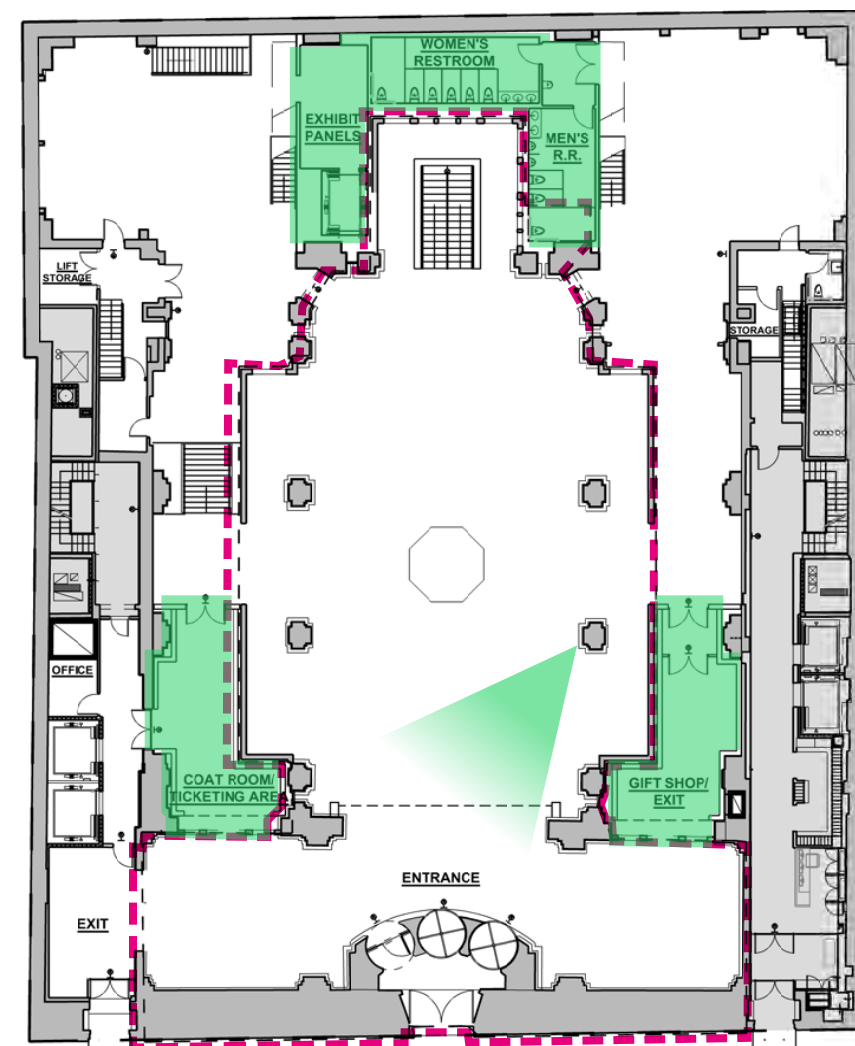
## 2 BANNER PRESSURE SYSTEM OF PROPOSED BANNER



## 3 DETAIL OF THE 2 SUPPORTING PRESSURE BARS



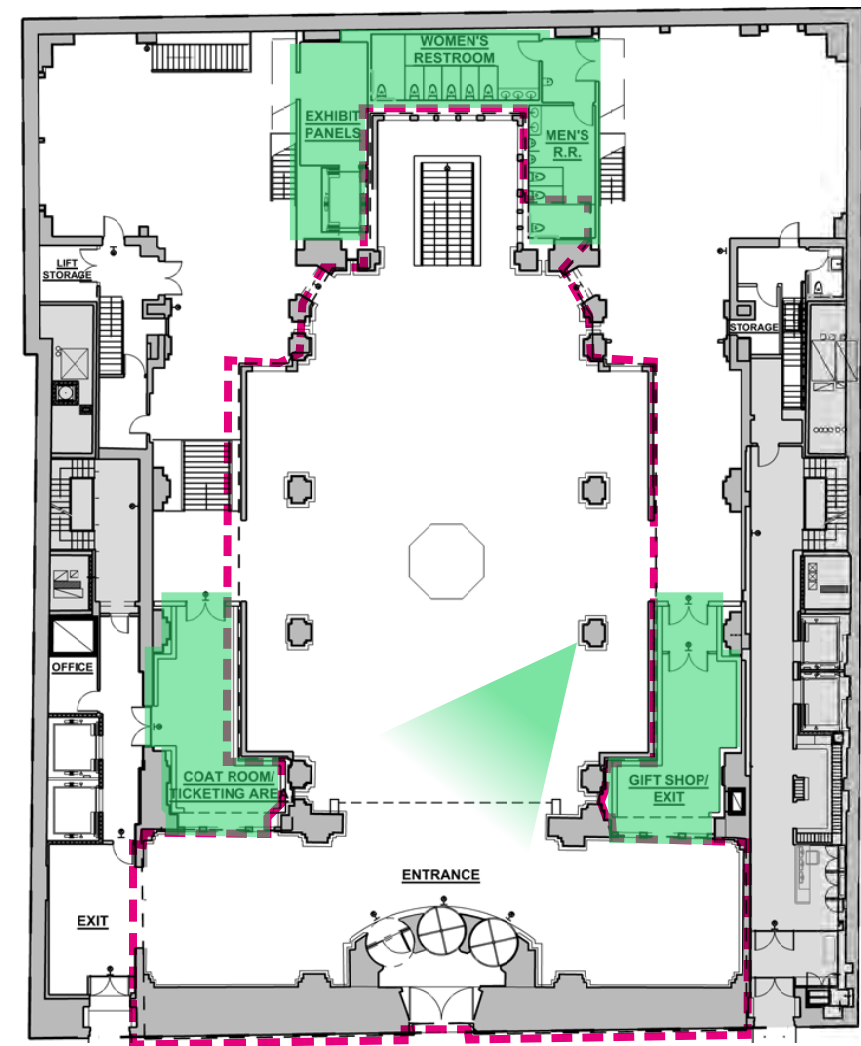
# 03.0 Main Exhibit Space



KEY PLAN



# 03.0 Main Exhibit Space

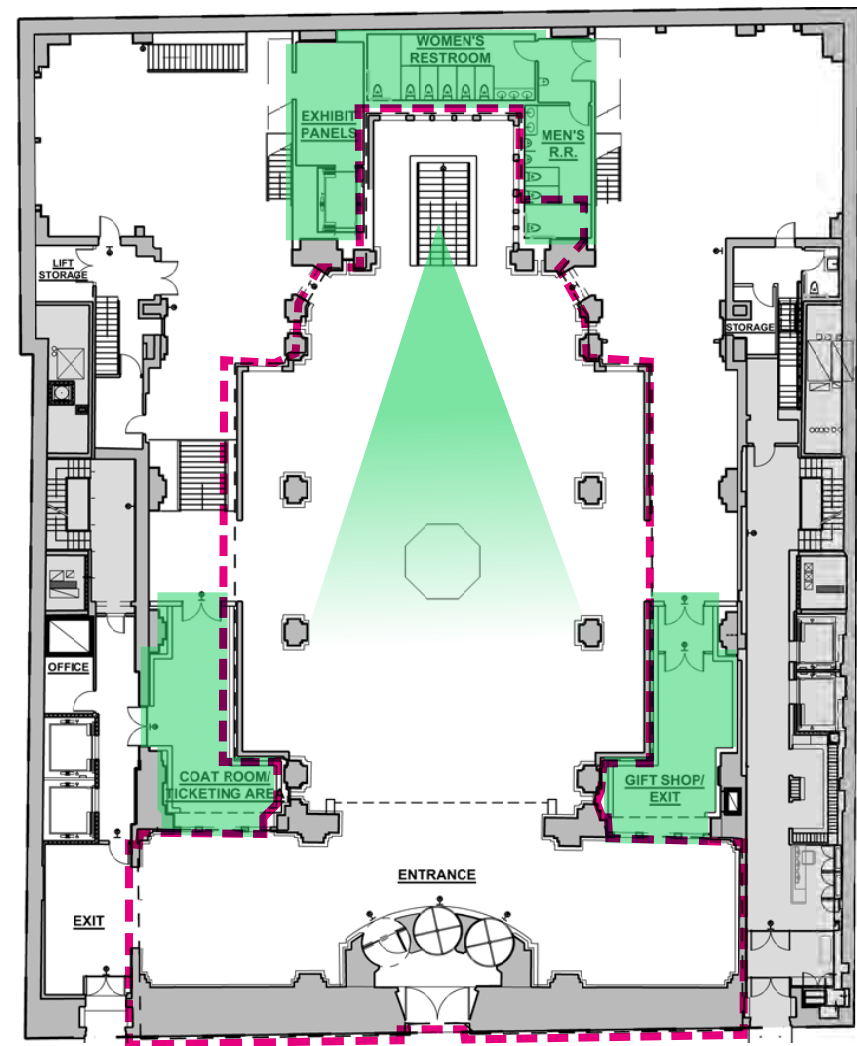
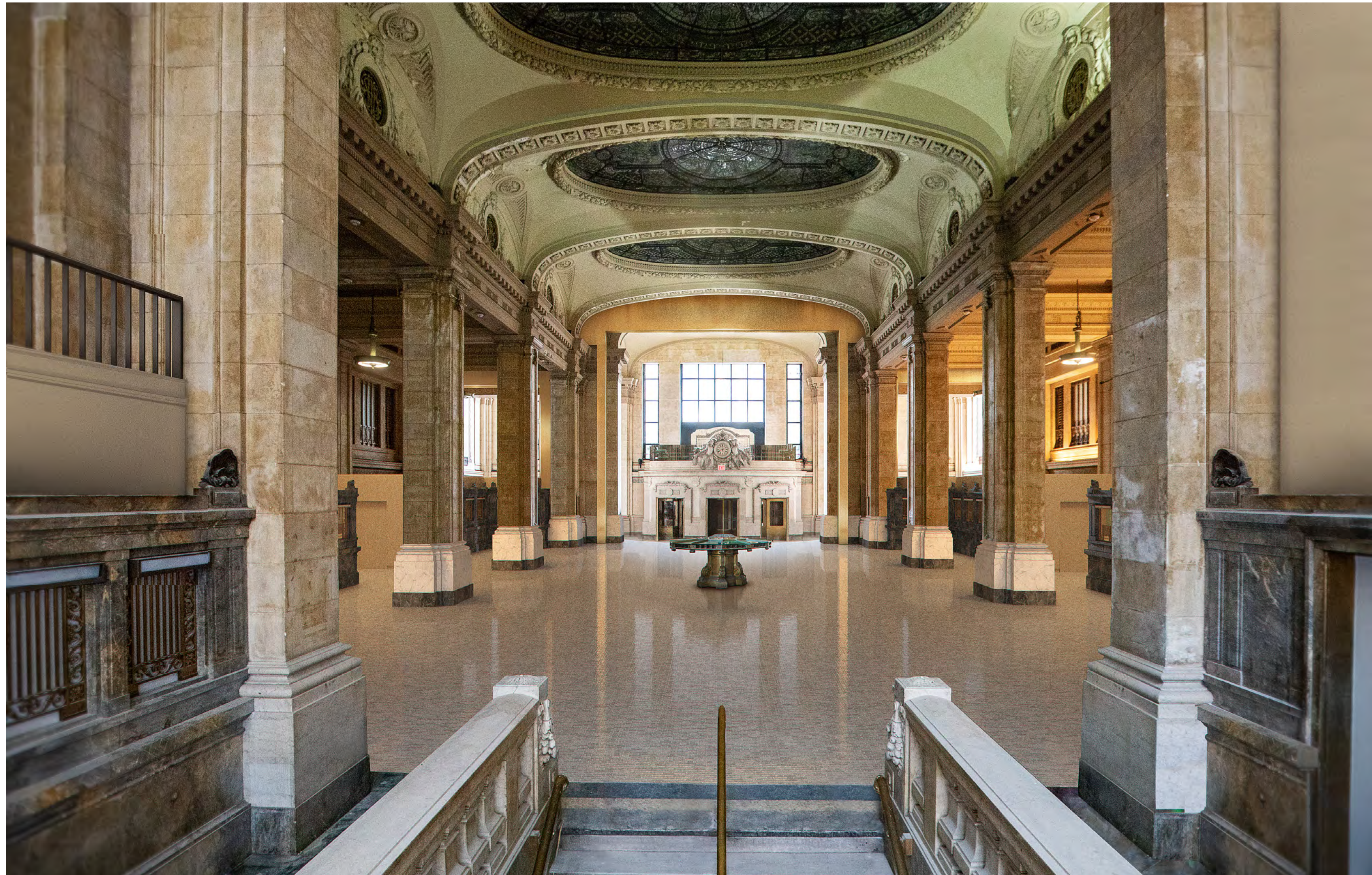


KEY PLAN





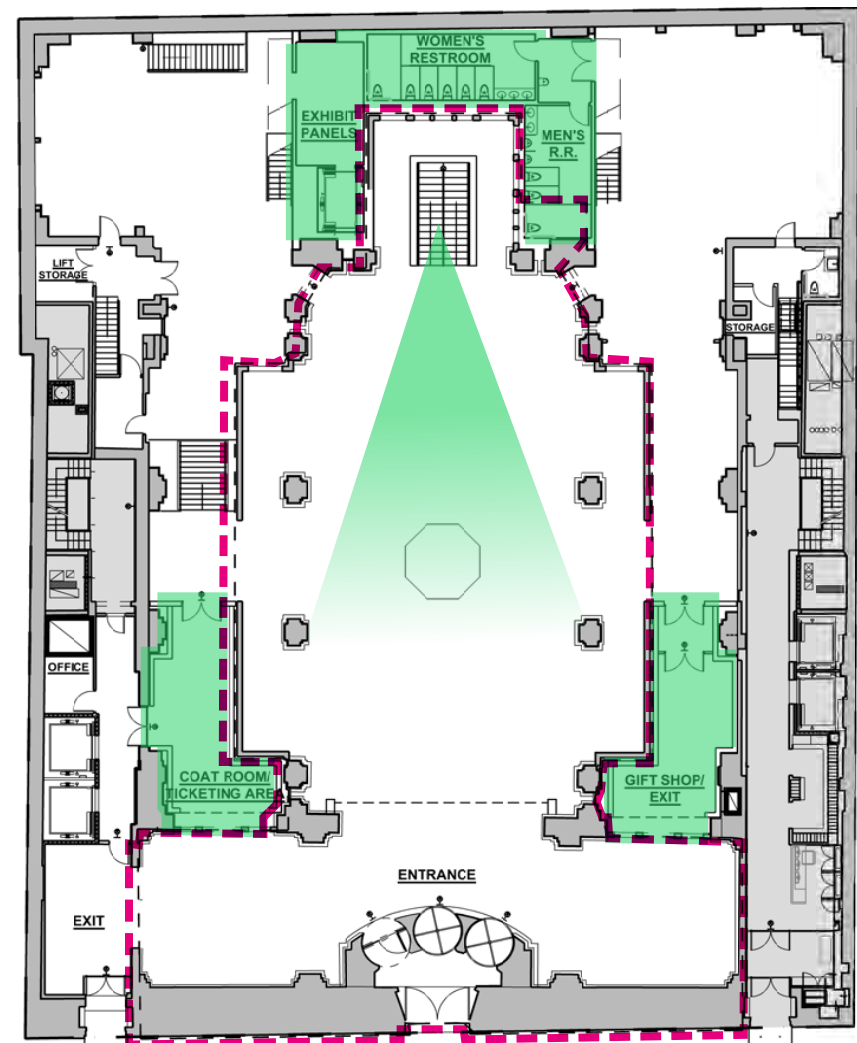
# 03.1 Main Exhibit Space



KEY PLAN



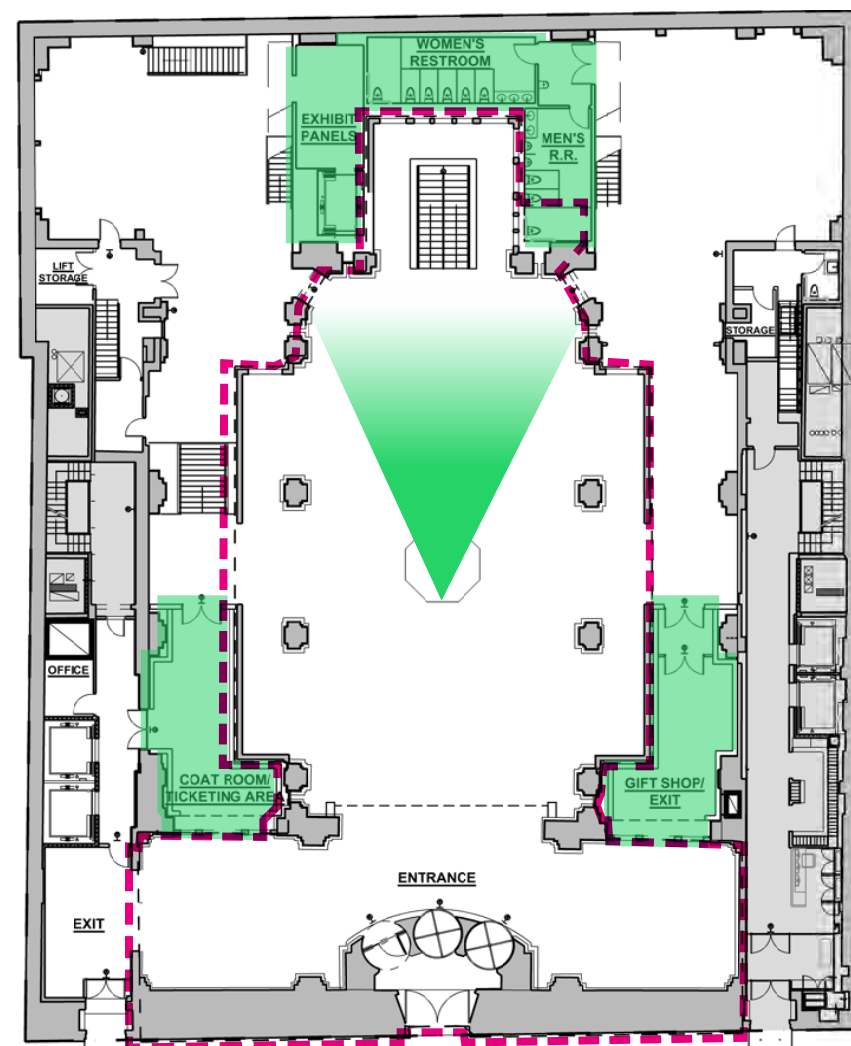
# 03.1 Main Exhibit Space



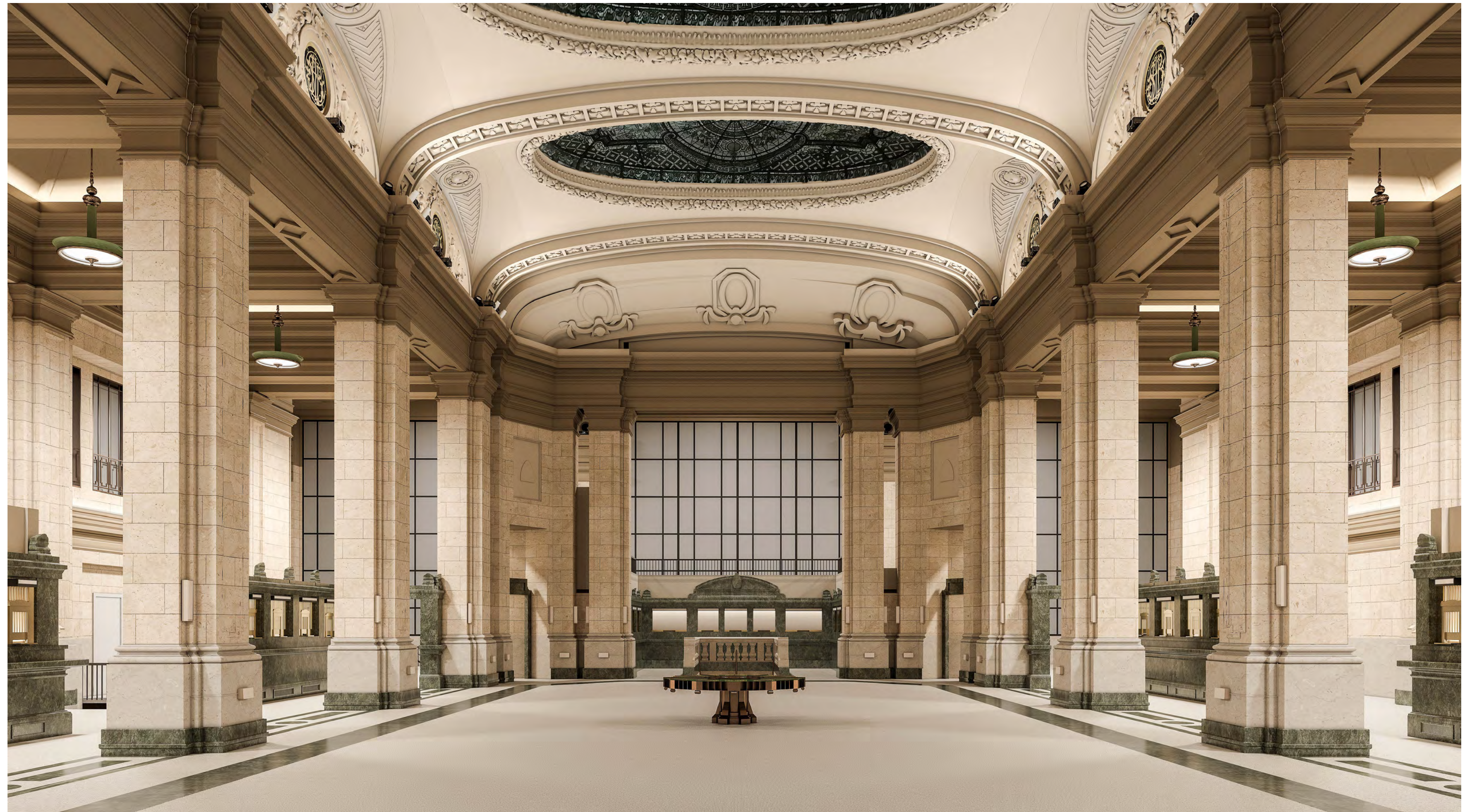
KEY PLAN



# 03.2 Main Exhibit Space - Proposed



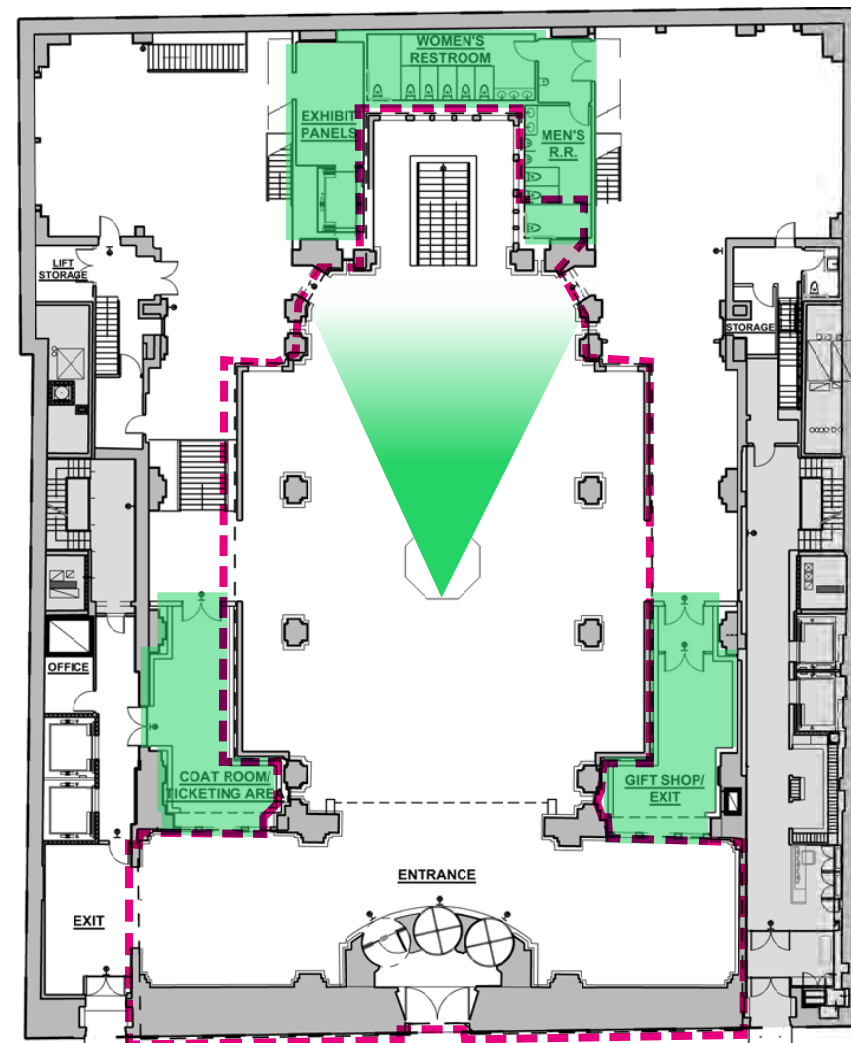
KEY PLAN



VIEW OF EXHIBITION SPACE



## 03.2 Main Exhibit Space - Proposed with Digital Art



KEY PLAN



VIEW OF EXHIBITION SPACE



THANK YOU





The current proposal is:

**Preservation Department – Item 1, LPC-20-08010**

**49-51 Chambers Street,**

**Borough of Manhattan**

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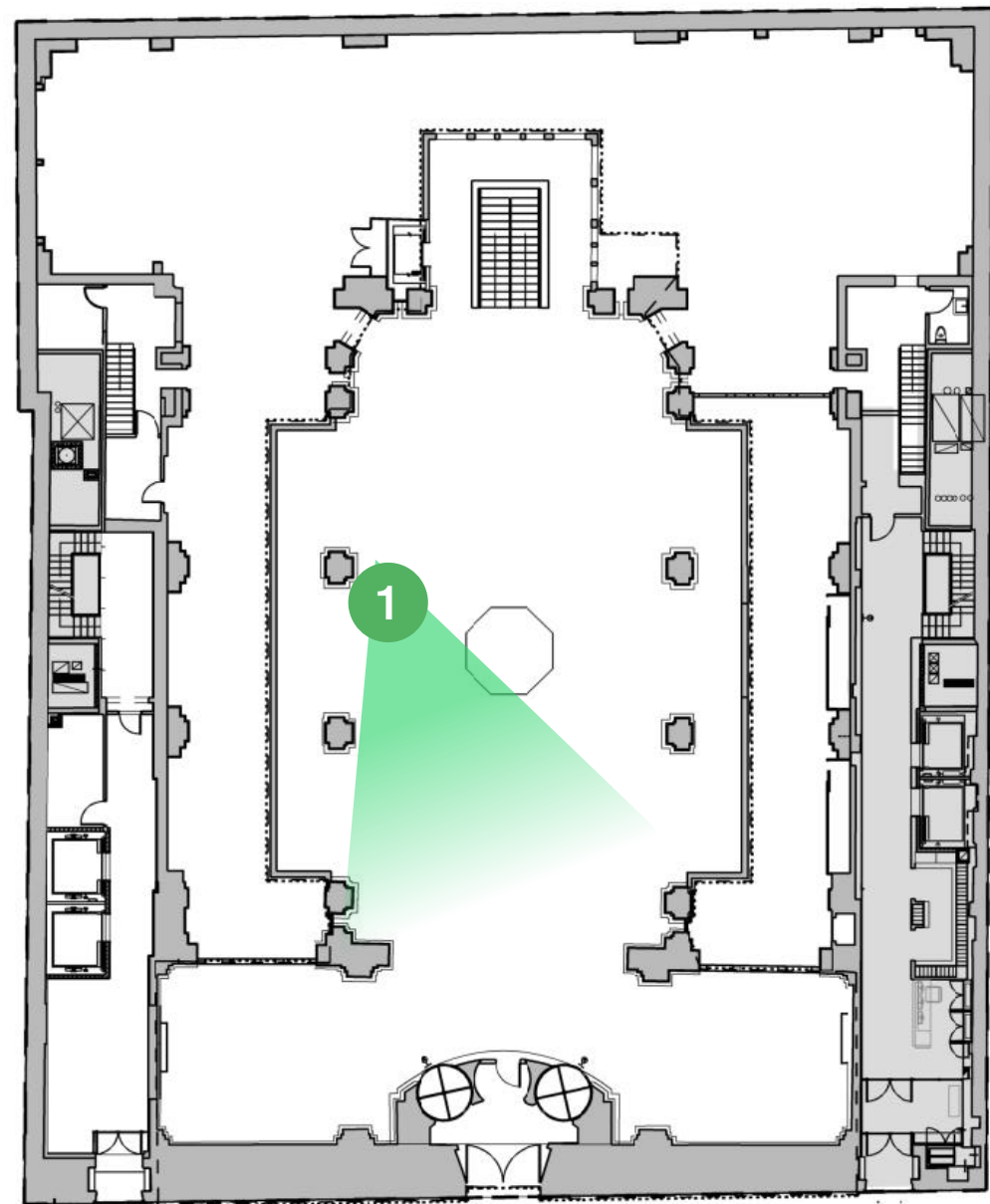
04

# 51 Chambers

## Appendix

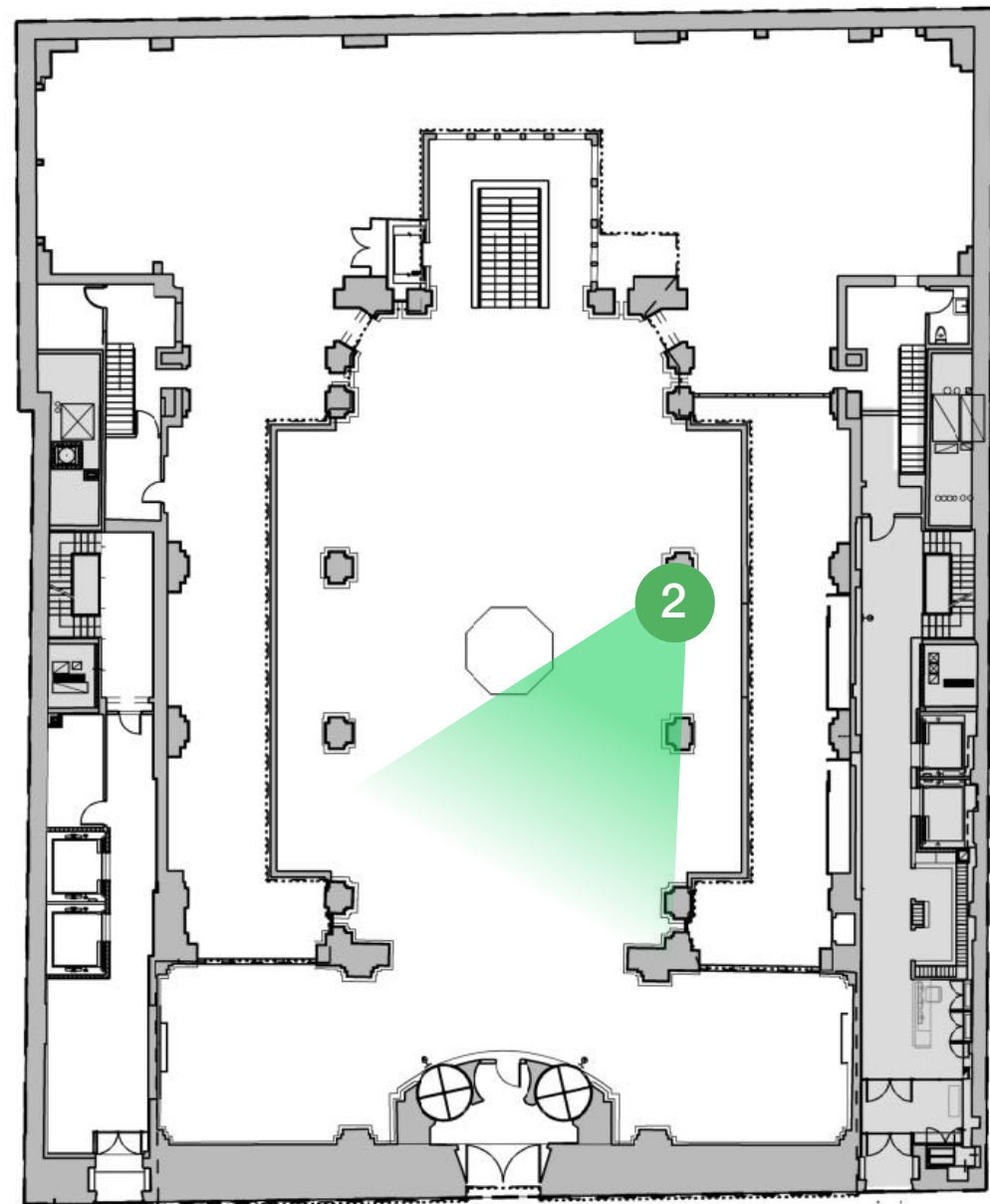


# 04.1 51 Chambers - Existing Conditions



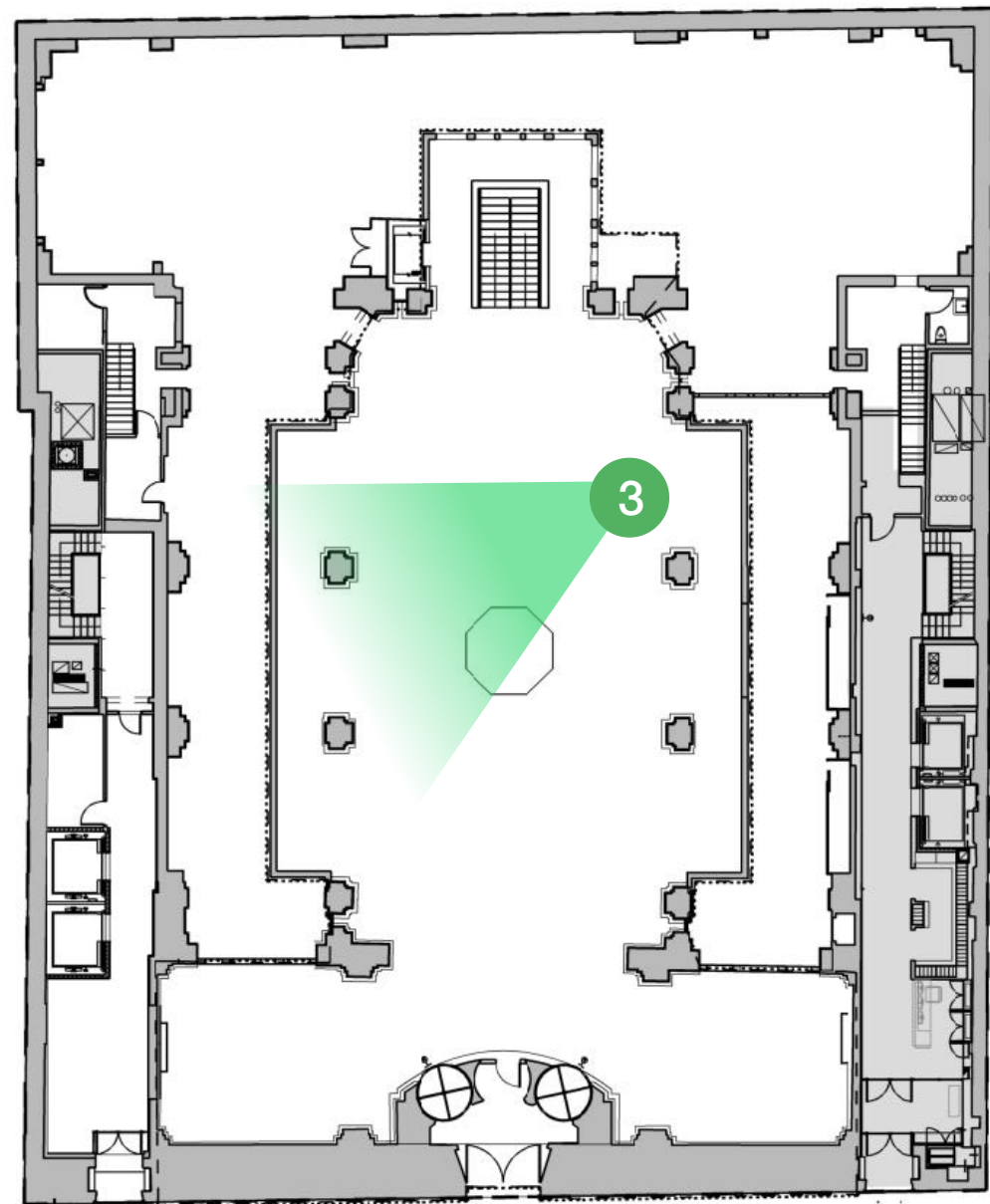


# 04.1 51 Chambers - Existing Conditions



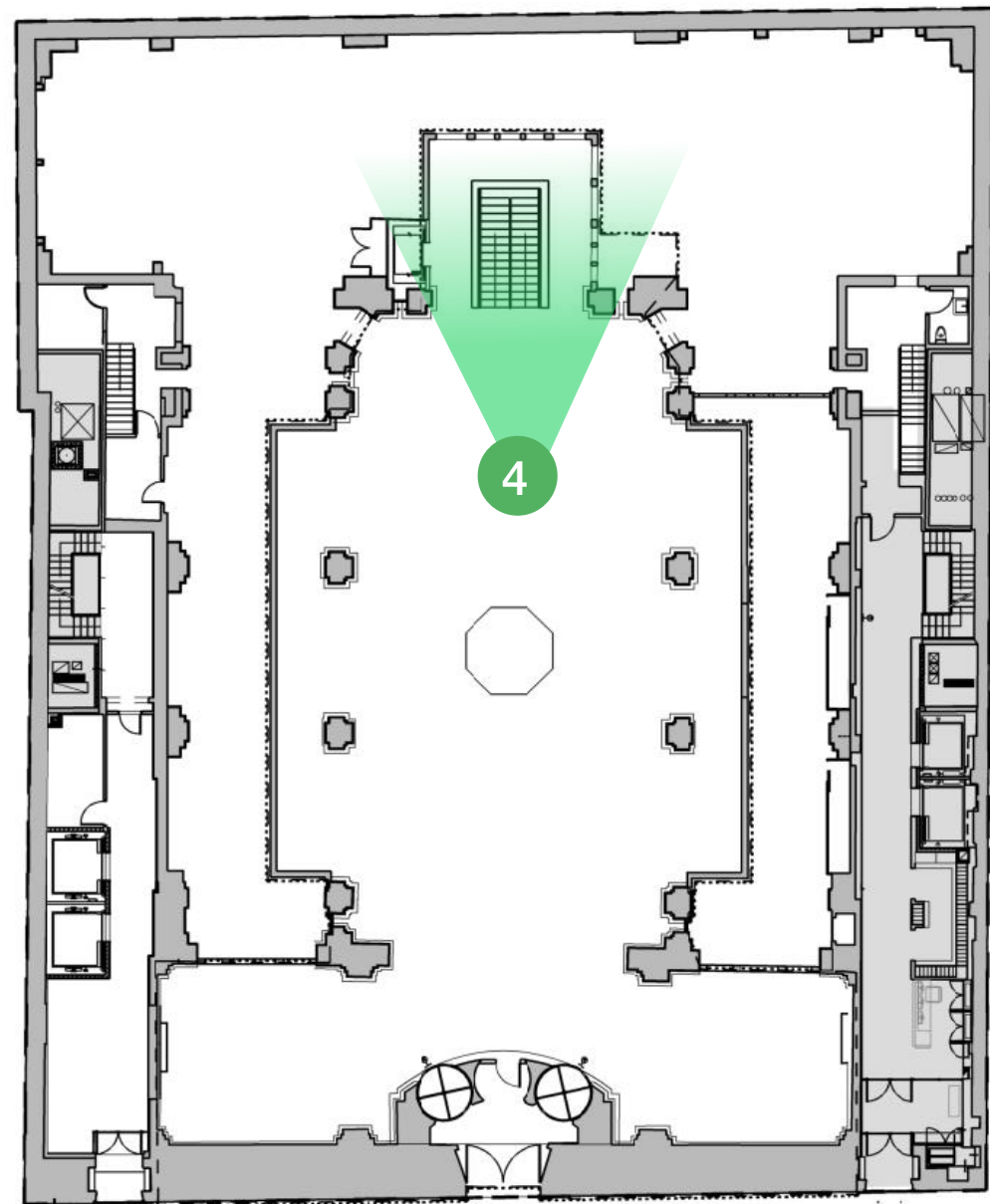


# 04.1 51 Chambers - Existing Conditions



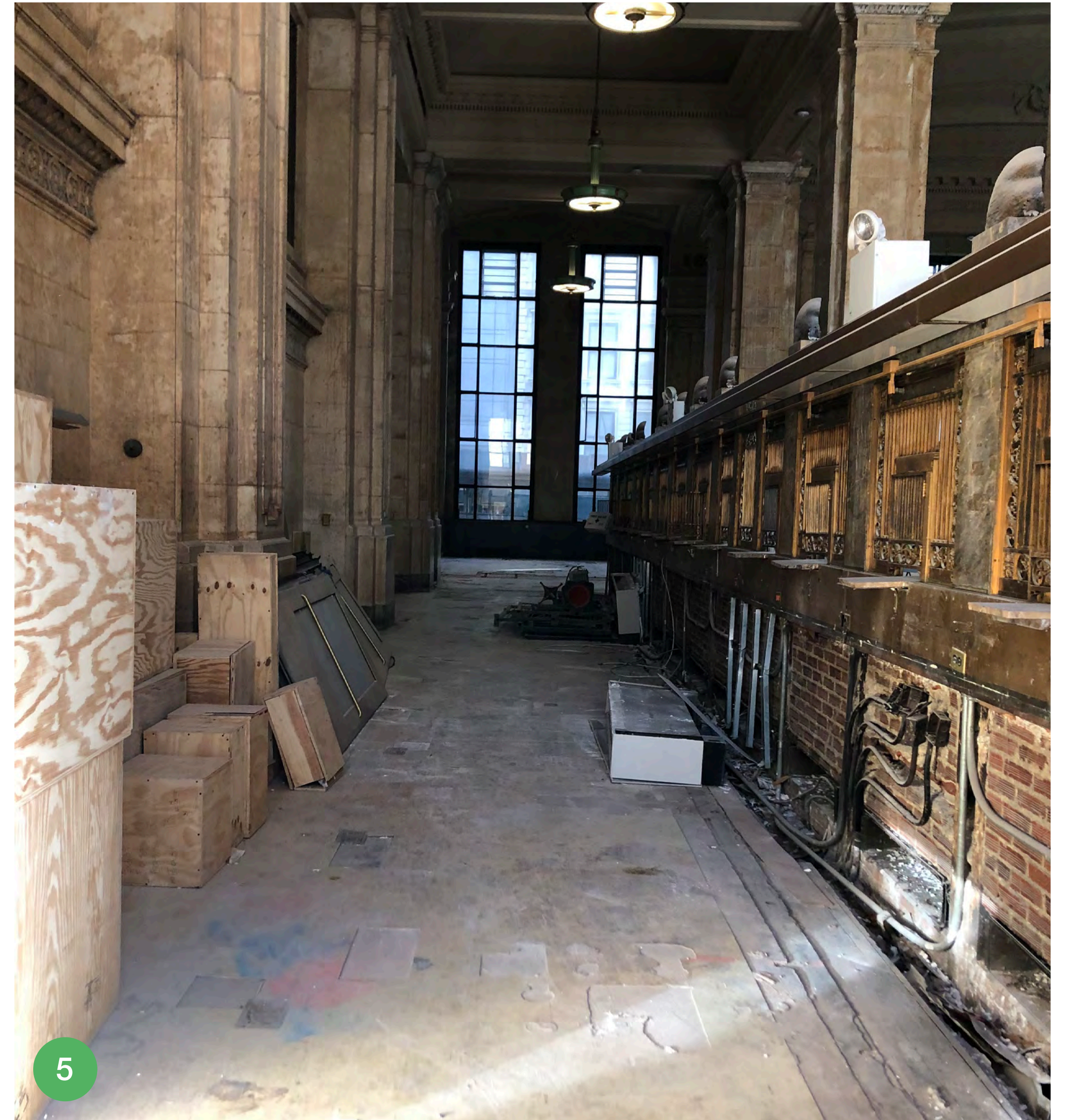
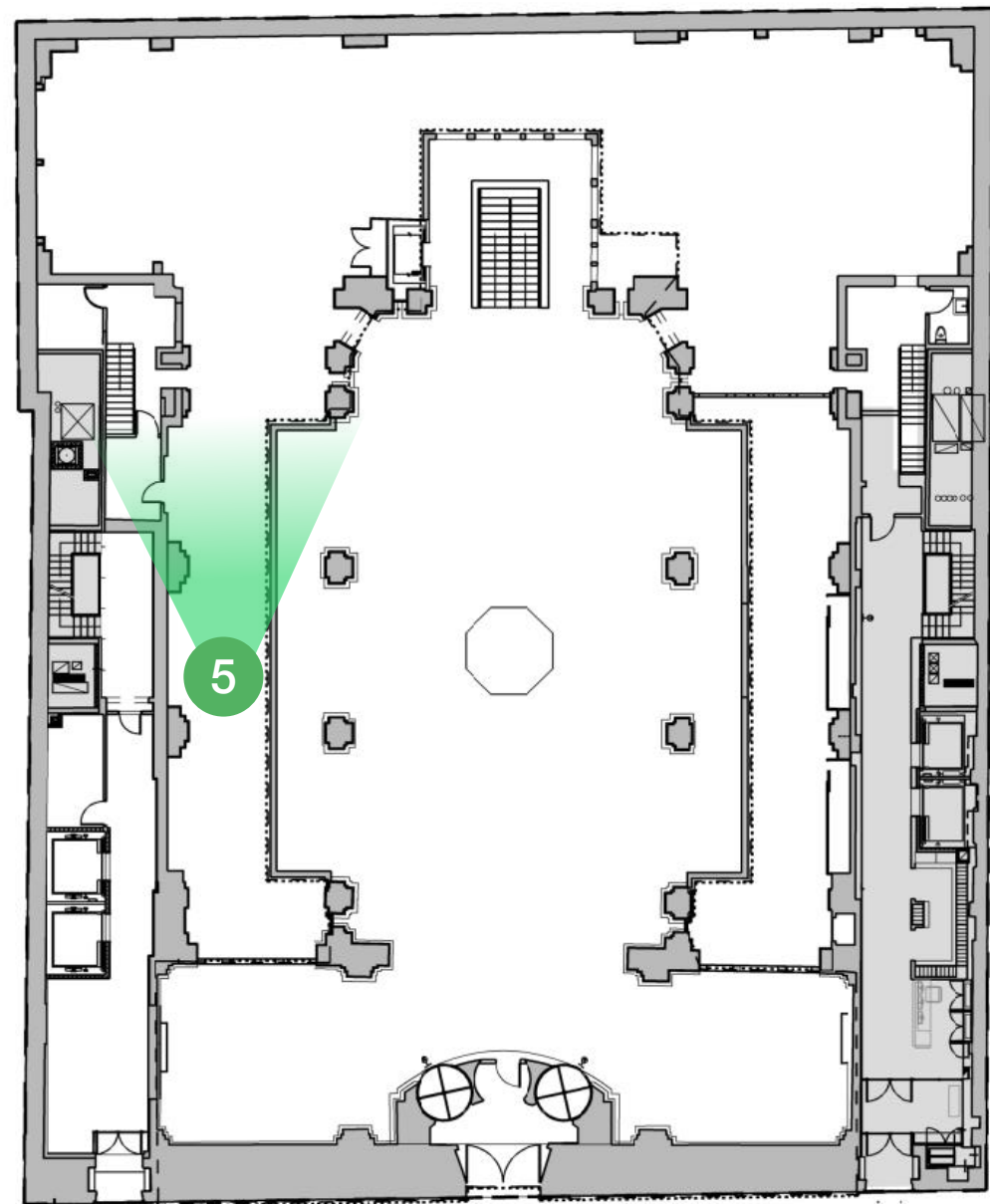


# 04.1 51 Chambers - Existing Conditions



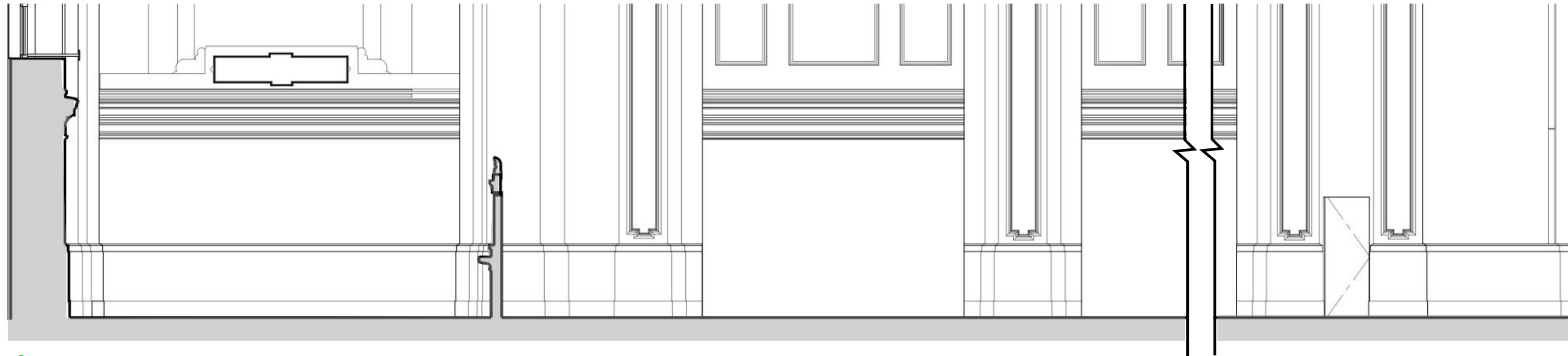
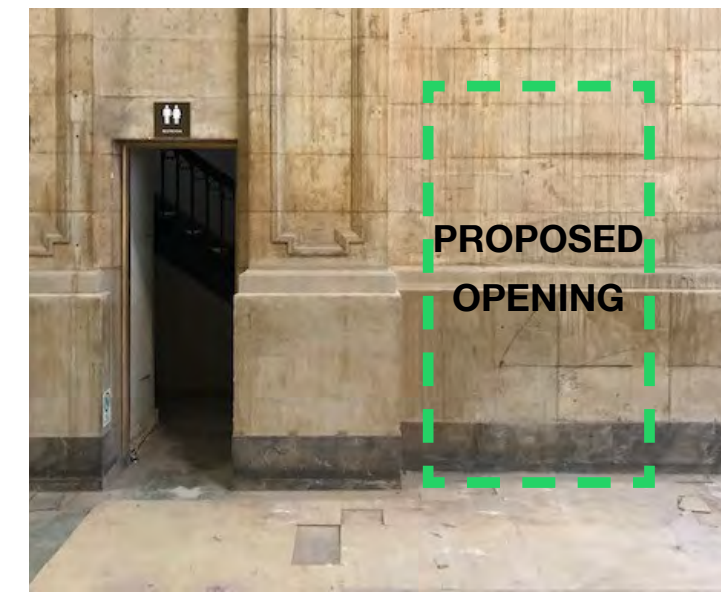
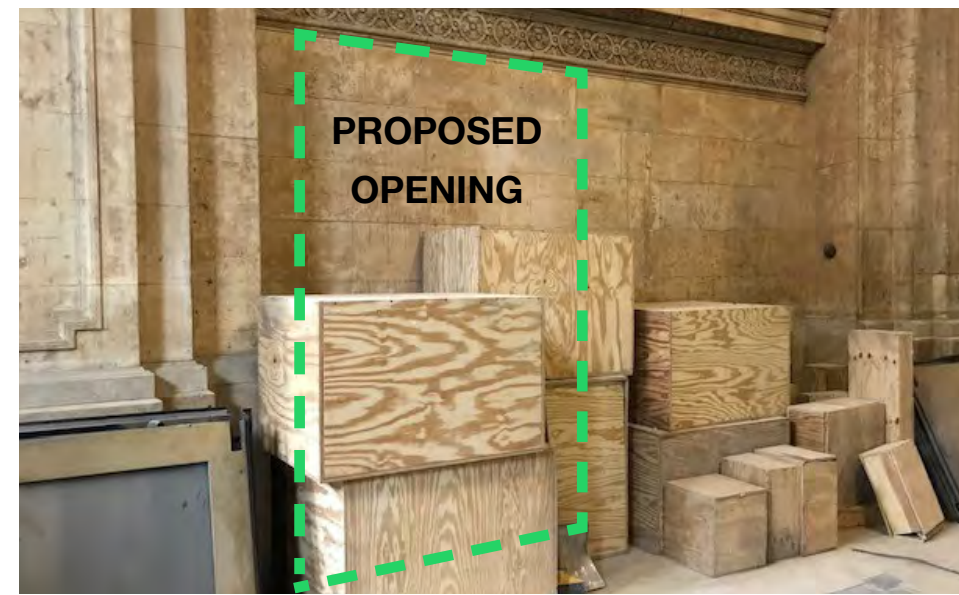
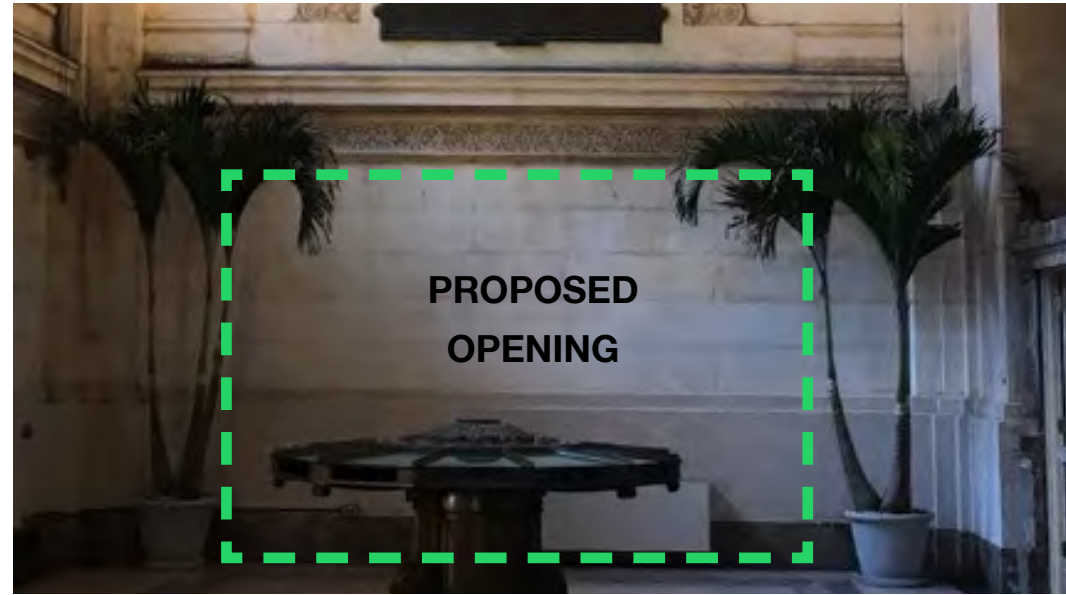


# 04.1 51 Chambers - Existing Conditions

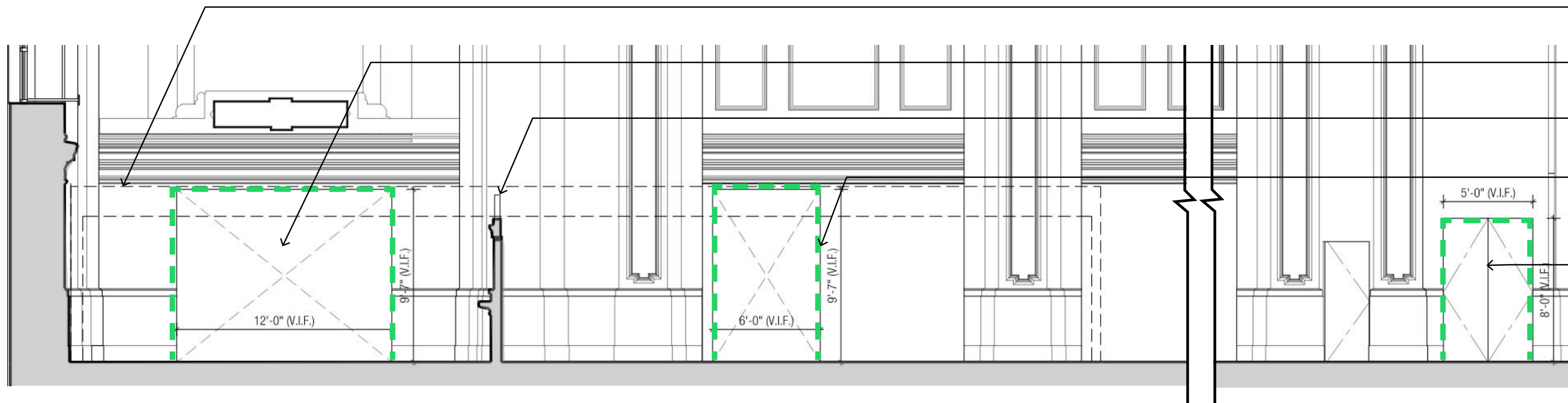




# 04.2 Exhibit Entrance / Ticketing Area - Proposed Openings

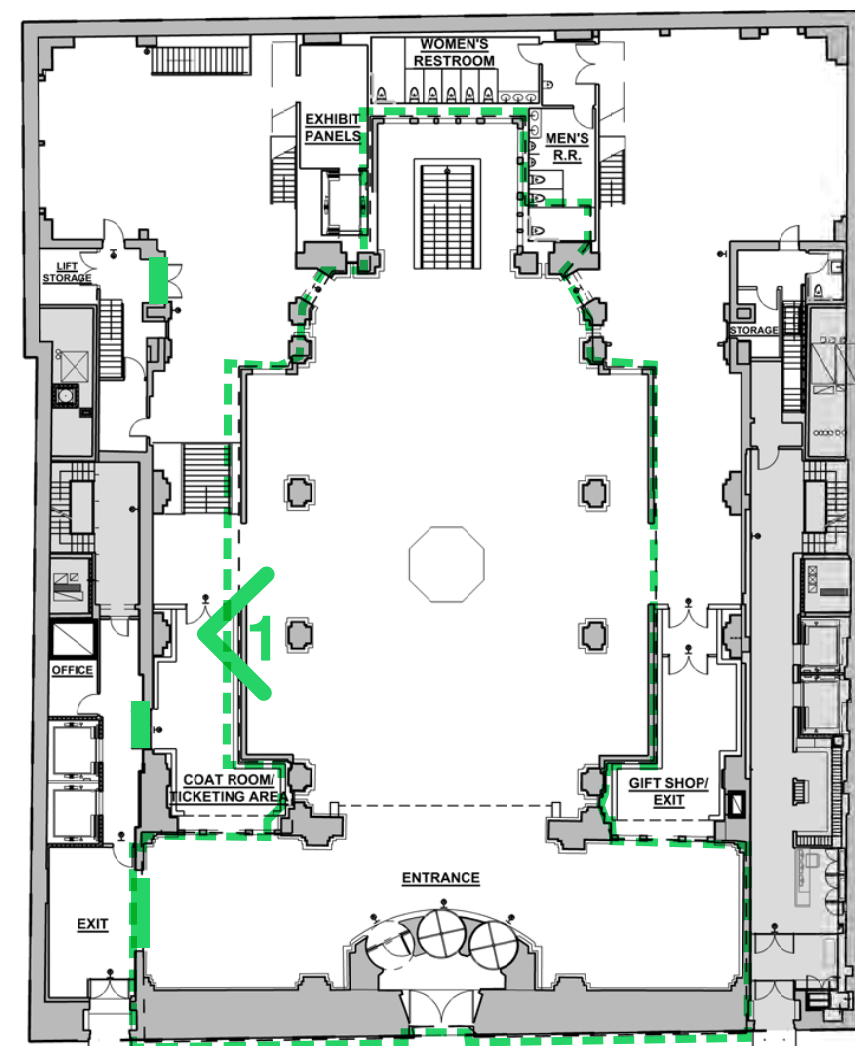


1 EXISTING ELEVATION @ WEST BANK HALL WALL



2 PROPOSED ELEVATION @ WEST BANK HALL WALL

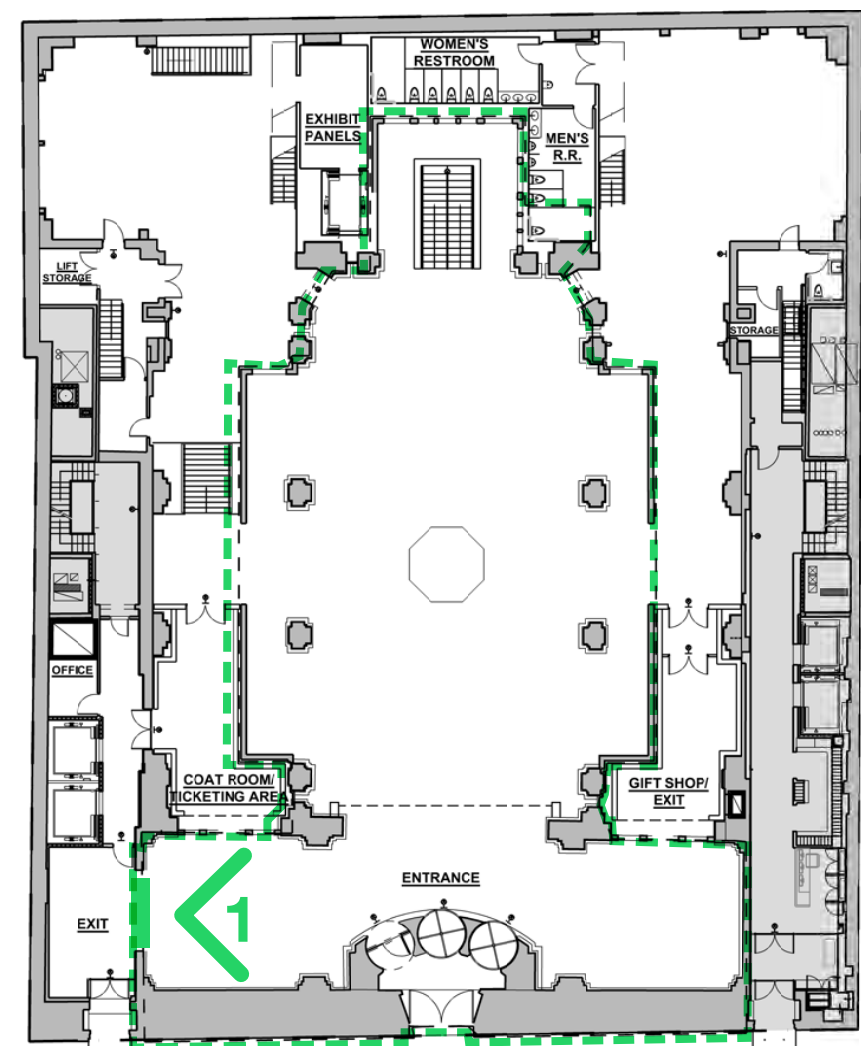
- LINE OF PROPOSED ROOM ENCLOSURE
- PROVIDE NEW OPENING FOR ENTRANCE TO EXHIBIT
- REMOVE EXISTING ORNAMENTAL PIECE
- PROVIDE NEW OPENING FOR STAFF ENTRANCE TO EXHIBIT
- PROVIDE NEW OPENING FOR INSTALLATION OF DOOR TO LIFT STORAGE ROOM



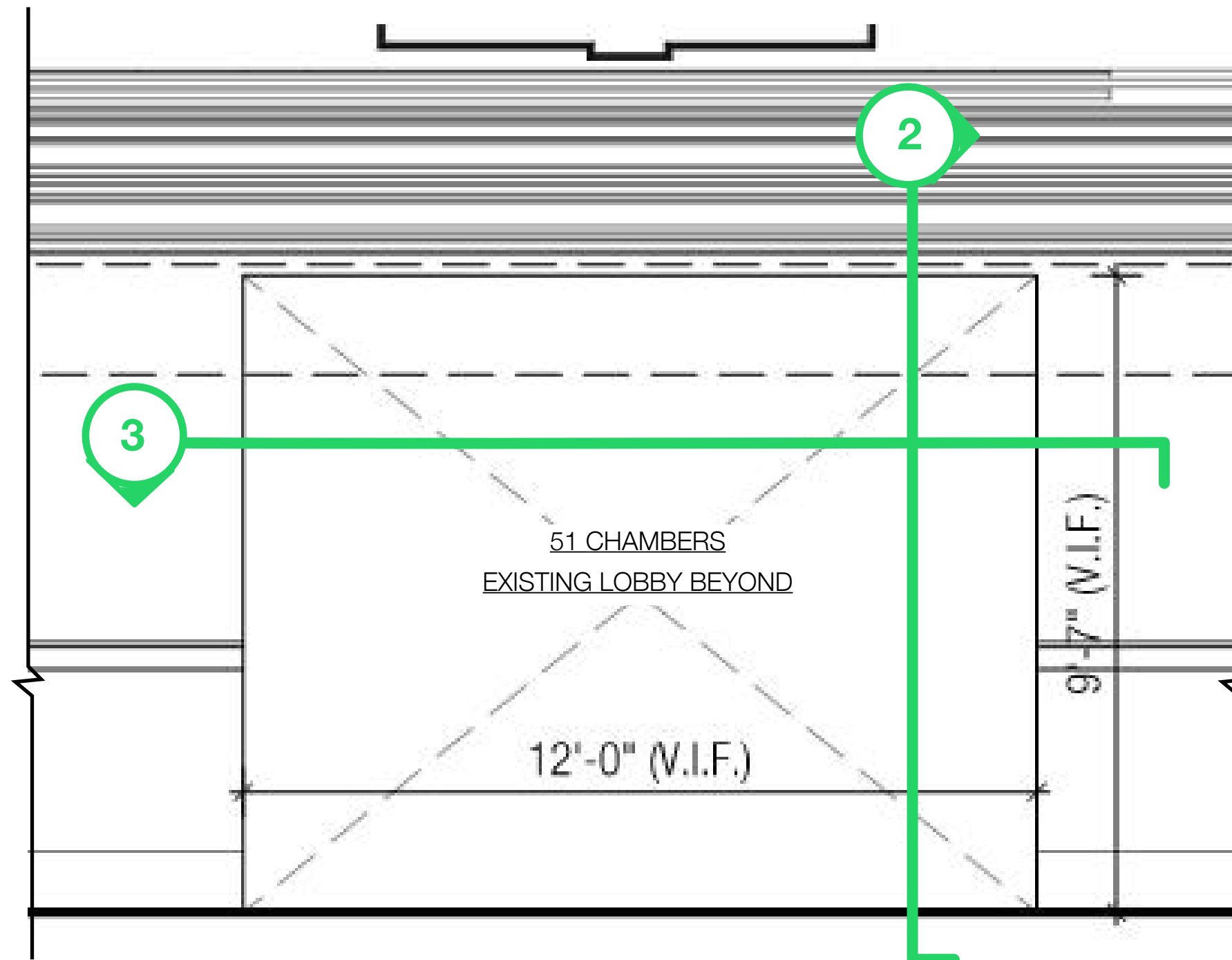
KEY PLAN



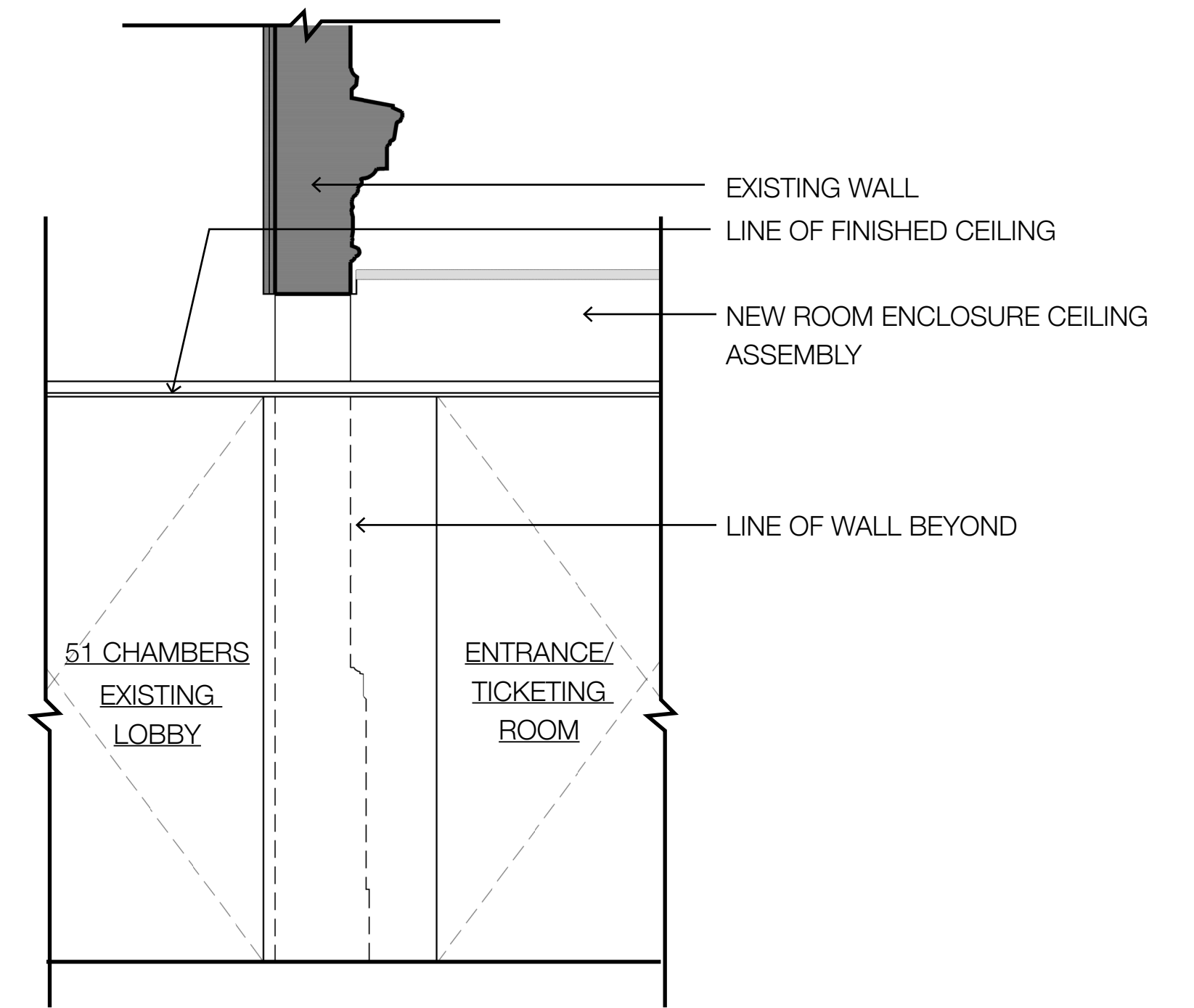
# 04.2 Exhibit Entrance / Ticketing Area - Proposed Openings



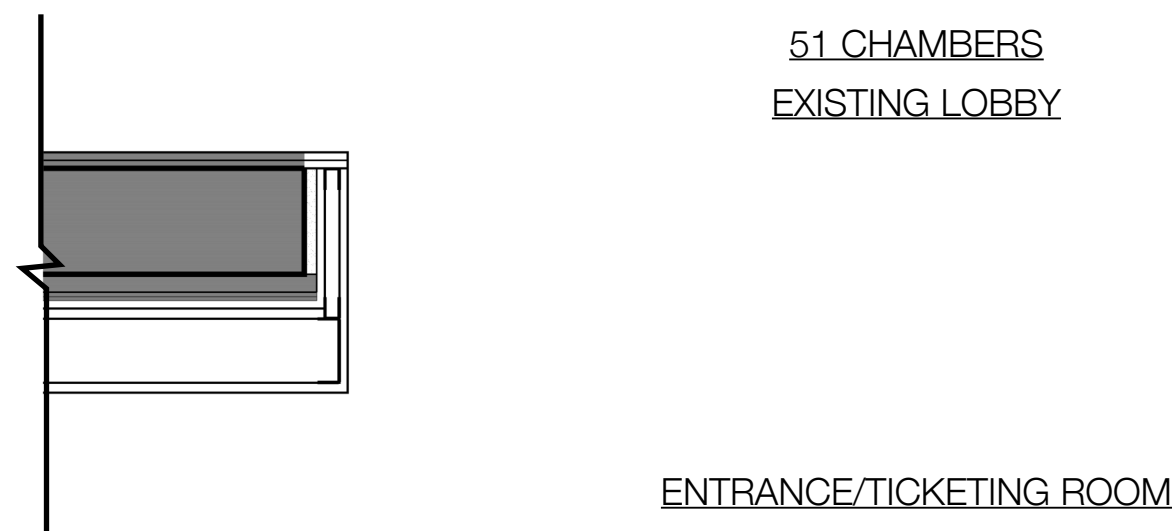
KEY PLAN



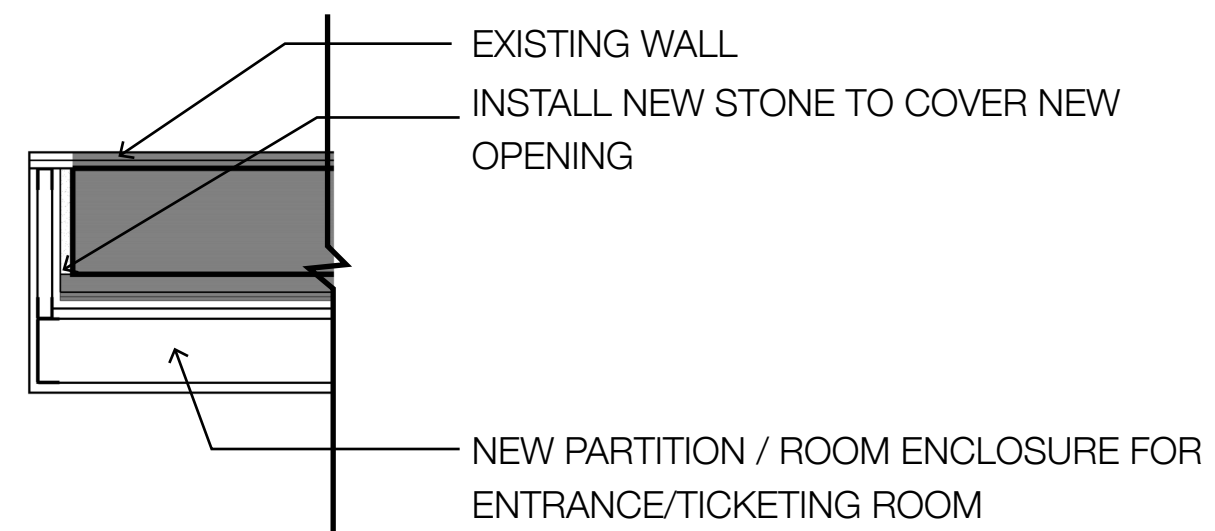
1 ELEVATION @ PROPOSED OPENING



2 SECTION DETAIL @ PROPOSED OPENING

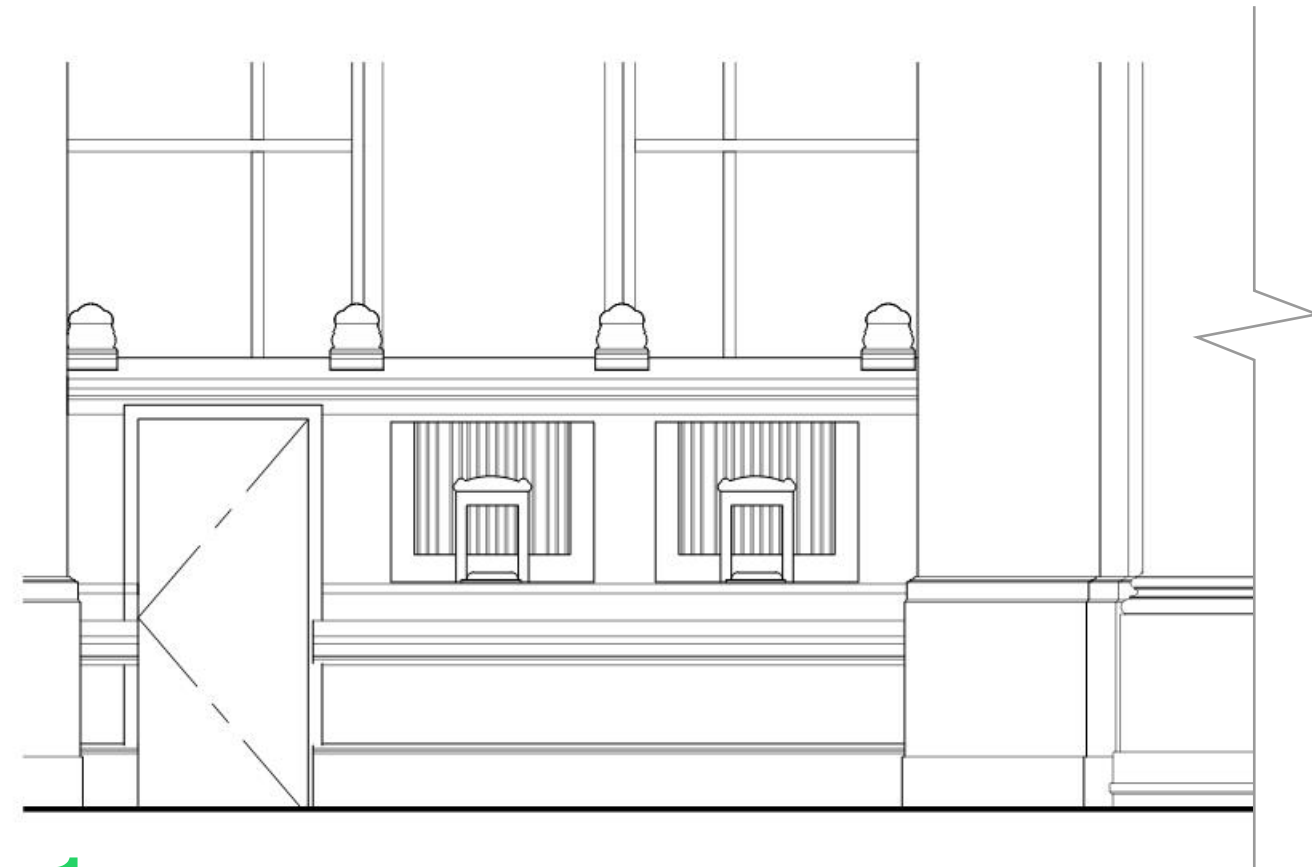


2 TYPICAL PLAN DETAIL @ PROPOSED OPENING





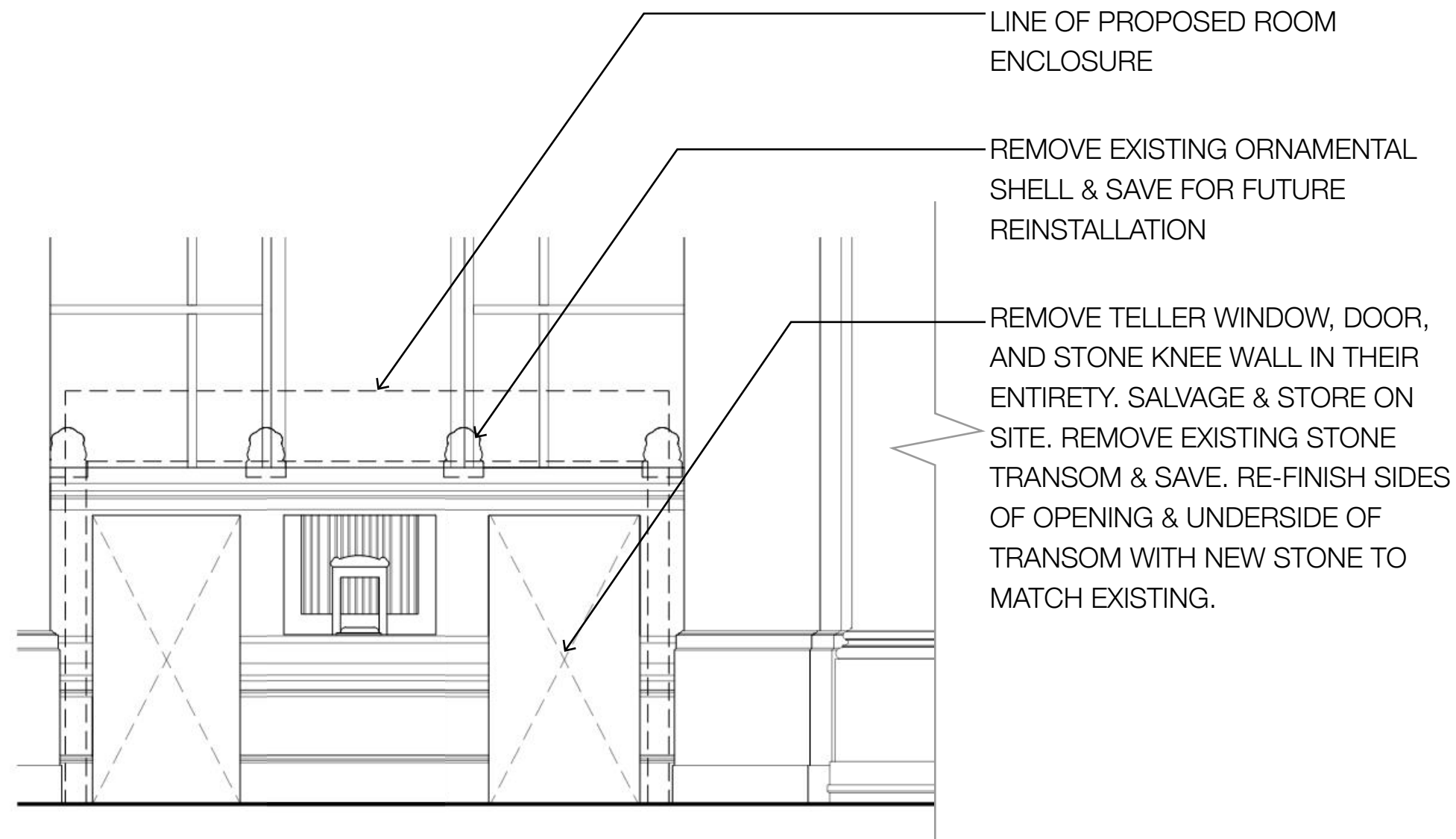
# 04.2 Exhibit Entrance / Ticketing Area - Proposed Teller Window Openings



1 EXISTING ELEVATION @ FRONT TELLERS



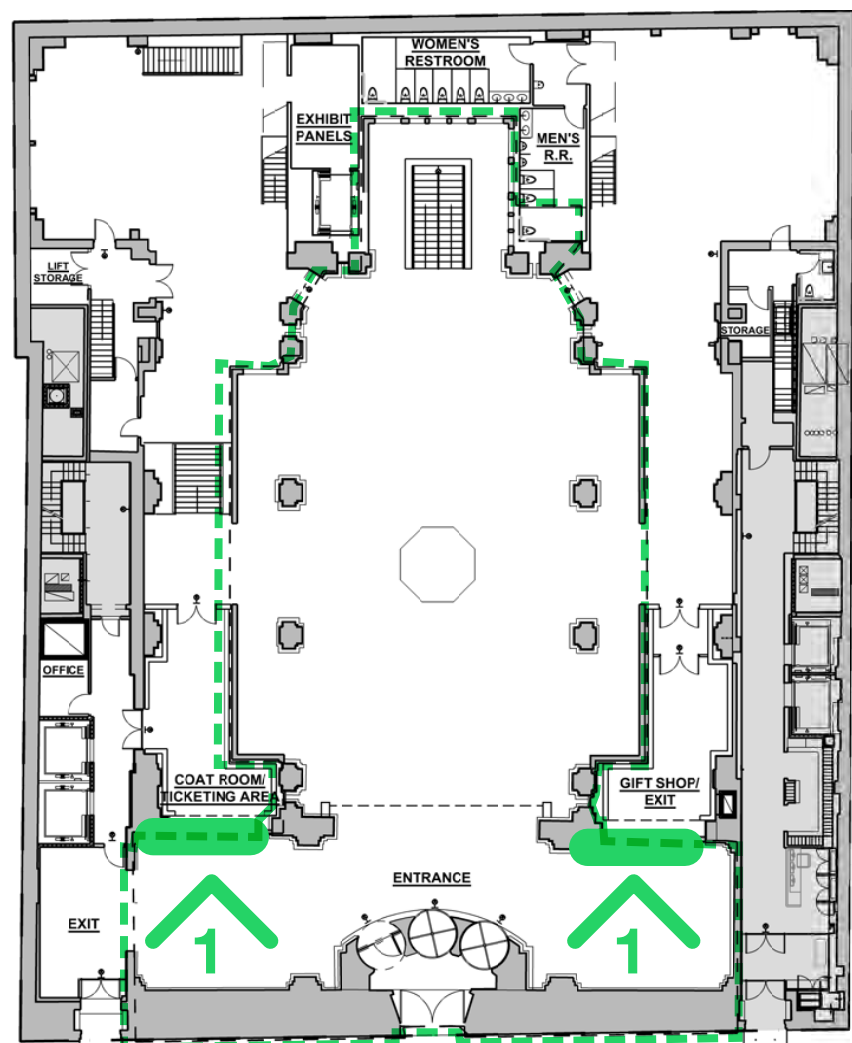
2 EXISTING PHOTO @ FRONT TELLERS



1b PROPOSED ELEVATION @ FRONT TELLERS



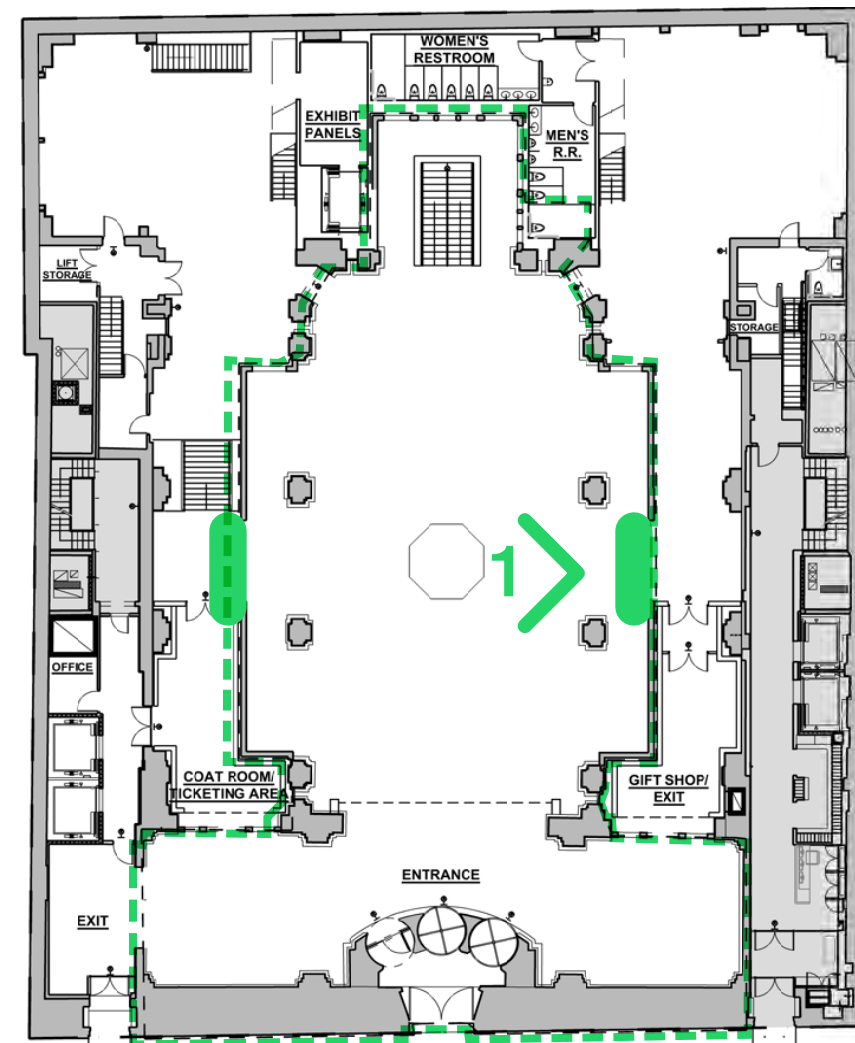
2b PROPOSED OPENINGS @ FRONT TELLERS



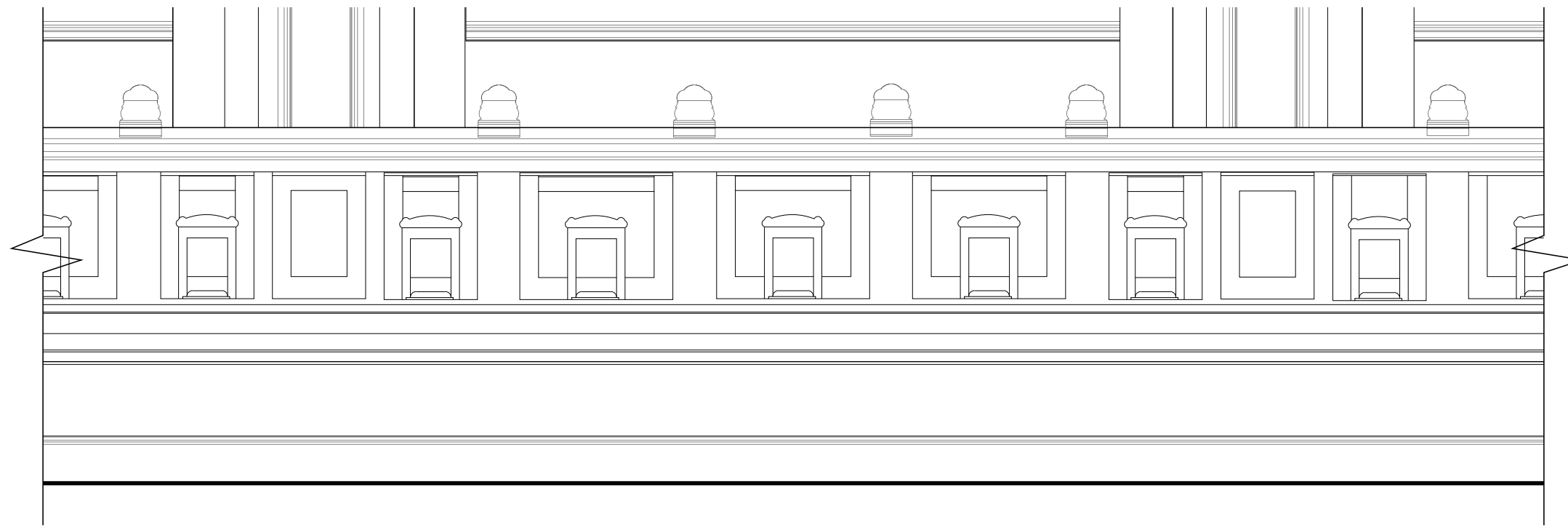
KEY PLAN



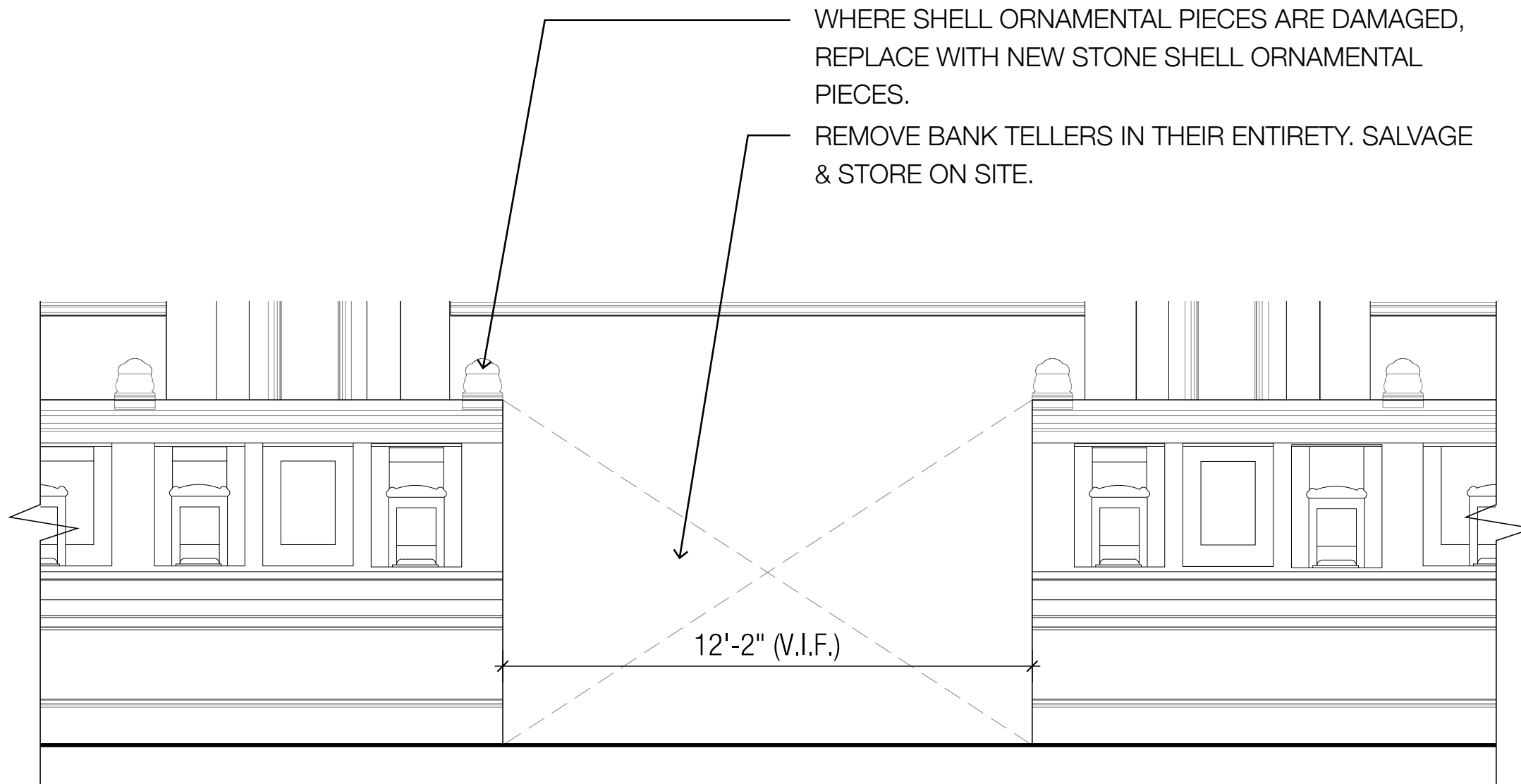
# 04.2 Teller Window Openings



KEY PLAN



1 EXISTING ELEVATION @ WEST BANK HALL WALL



1b PROPOSED ELEVATION @ WEST BANK HALL WALL



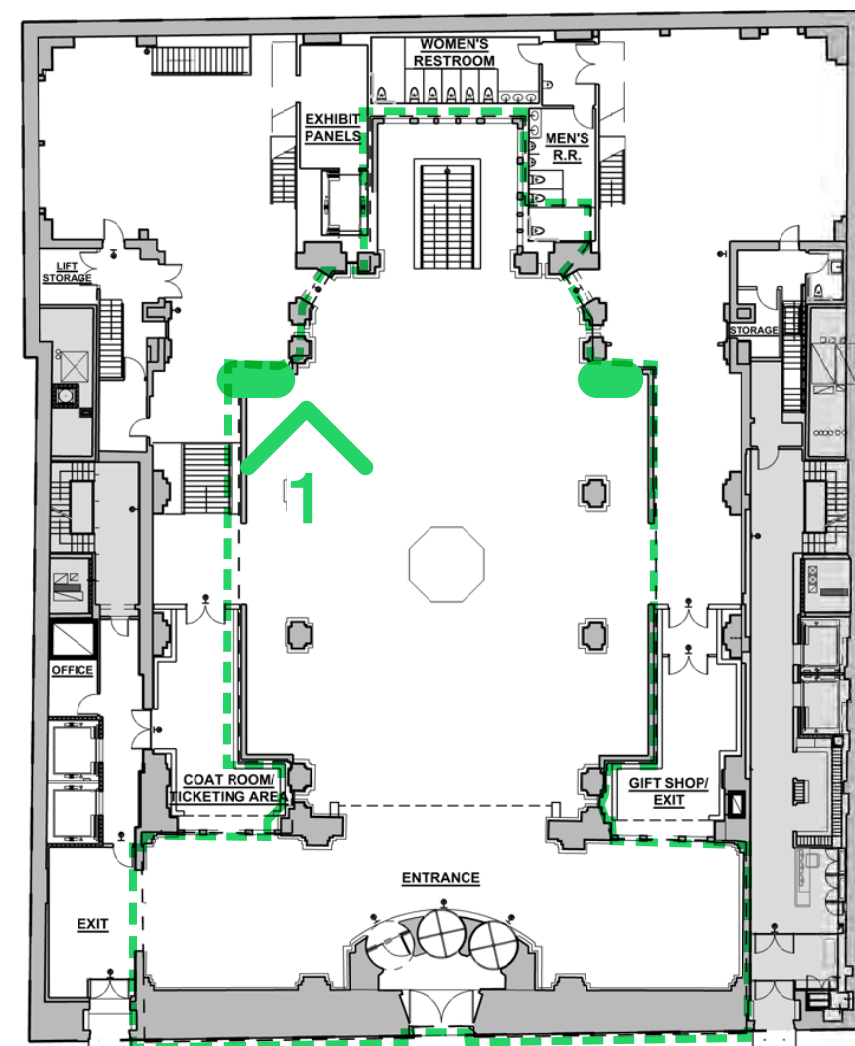
2 EXISTING PHOTO @ WEST TELLERS



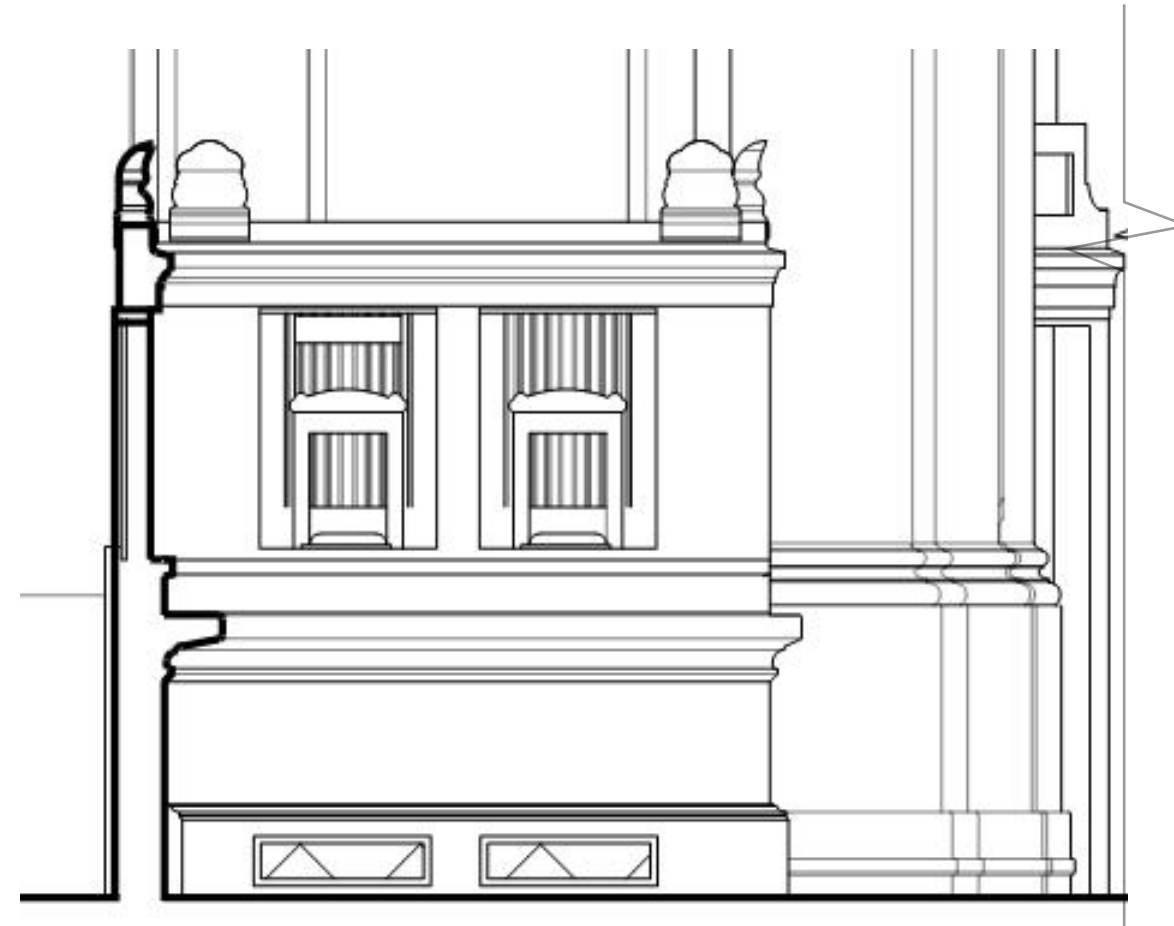
2b PROPOSED PHOTO @ WEST TELLERS



# 04.2 Teller Window Openings



KEY PLAN

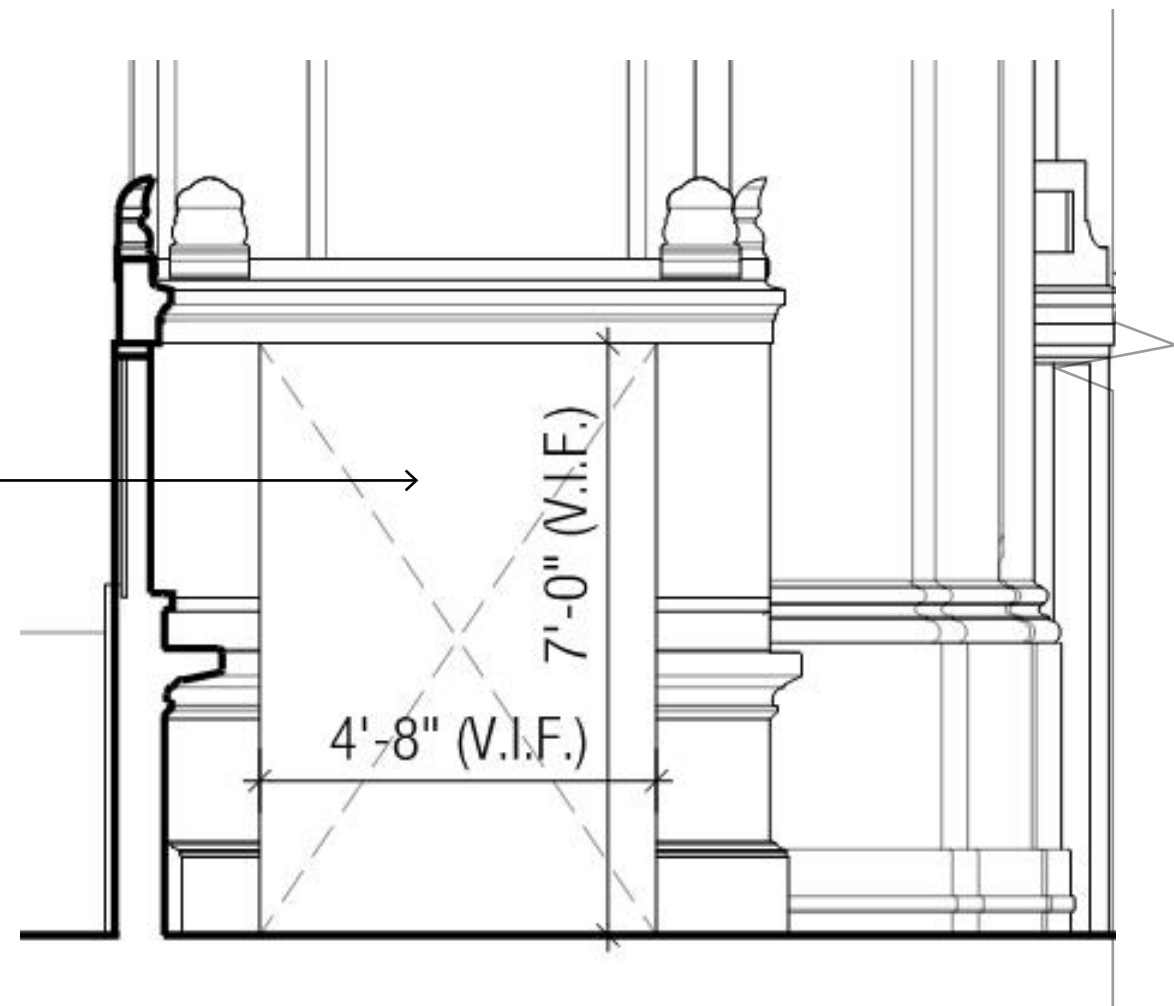


1 EXISTING ELEVATION @ NORTH BANK TELLERS

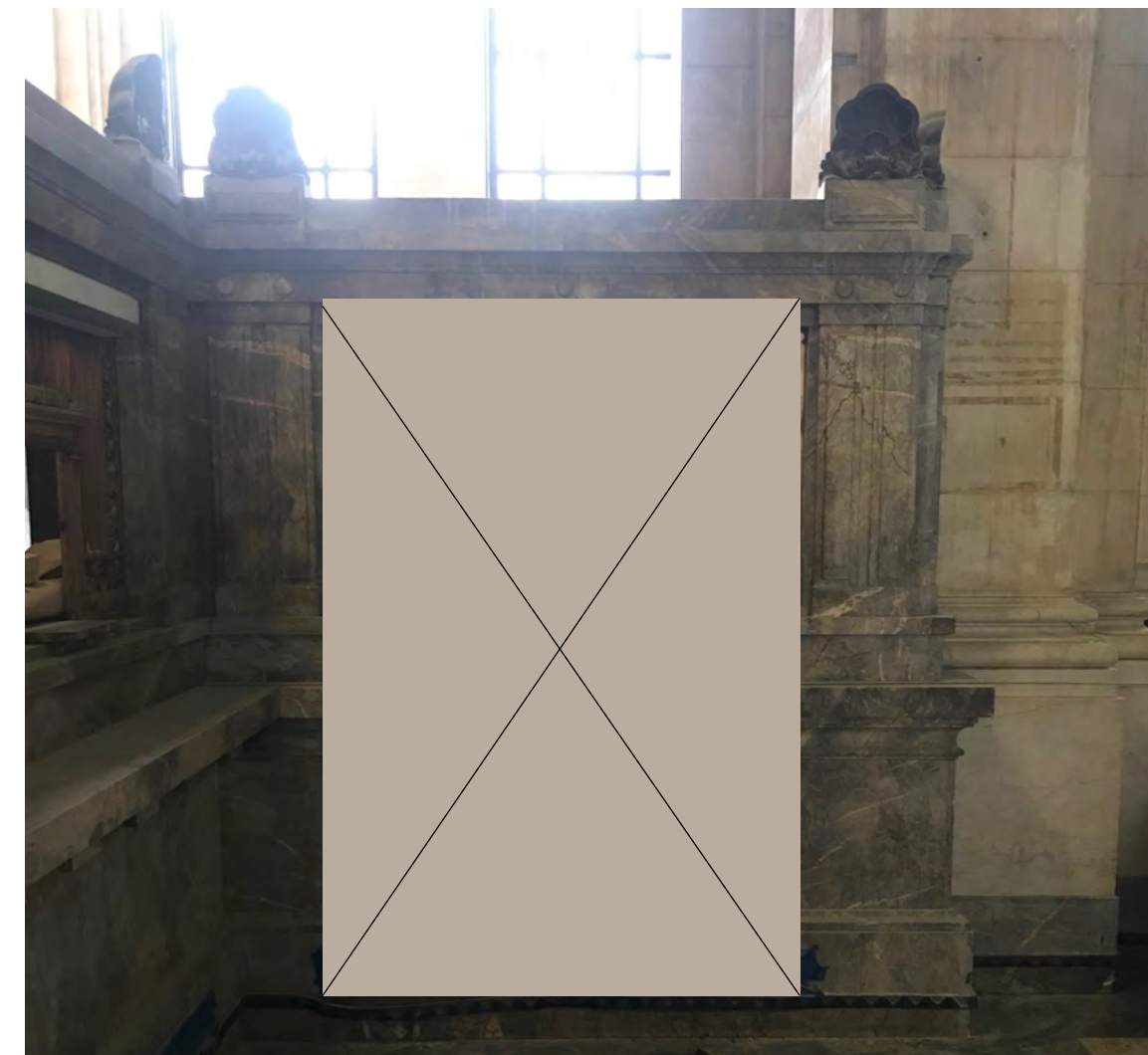


2 EXISTING PHOTO @ NORTH TELLERS

REMOVE TELLER WINDOW, DOOR, AND STONE KNEE WALL IN THEIR ENTIRETY. SALVAGE & STORE ON SITE. EXISTING STONE TRANSOM TO REMAIN. RE-FINISH SIDES OF OPENING & UNDERSIDE OF TRANSOM WITH EXISTING STONE OR NEW STONE TO MATCH EXISTING.



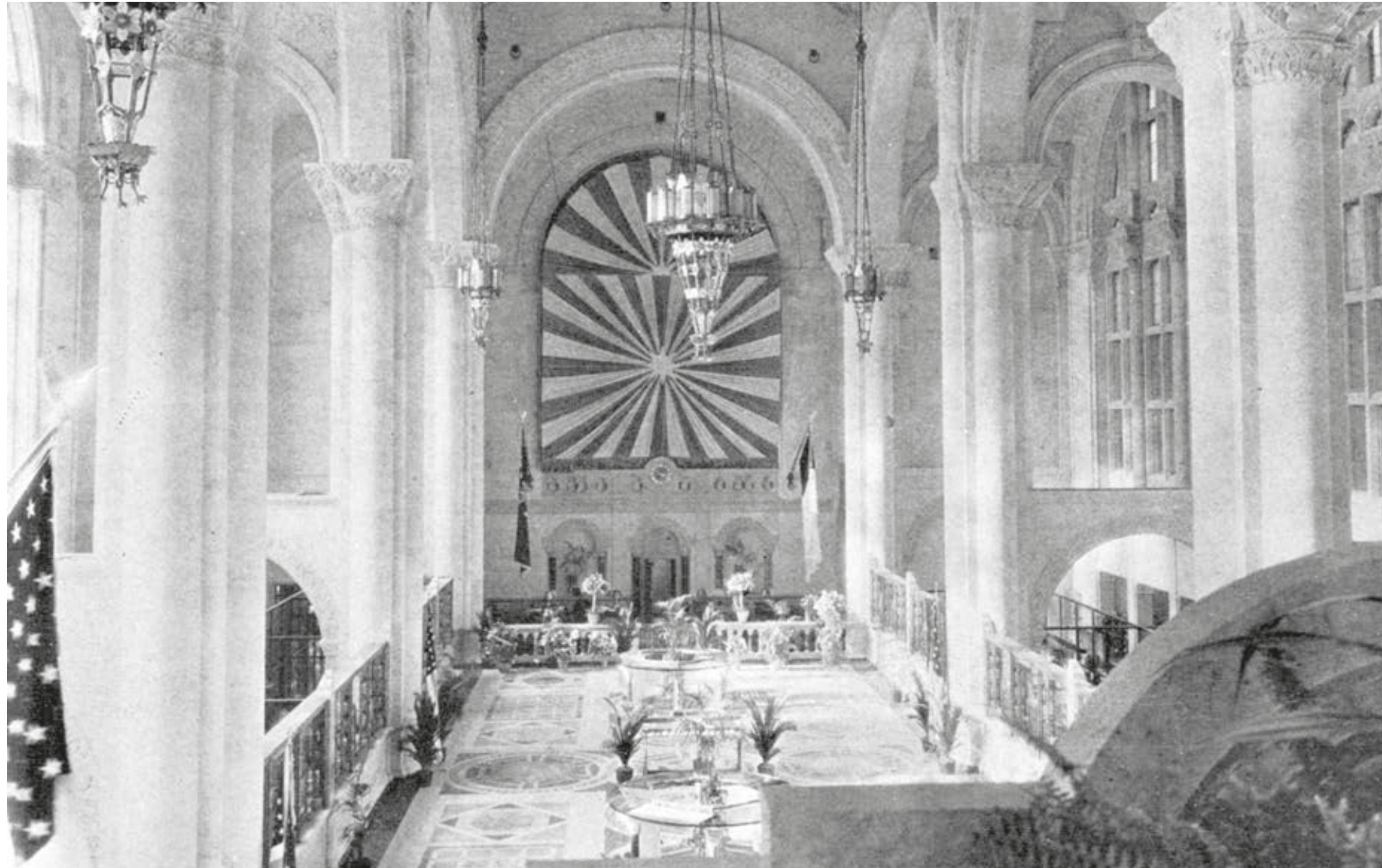
1b PROPOSED ELEVATION @ NORTH BANK TELLERS



2b EXISTING PHOTO @ NORTH TELLERS



## 04.3 Approved Bank Hall Adaptations - One Hanson Place



ONE HANSON PLACE - BANKING FLOOR 1929



ONE HANSON PLACE - BANKING FLOOR 2019

**LOCATION:**  
1 Hanson Place  
Brooklyn, NY

**LANDMARK INTERIOR - APPROVED MODIFICATIONS**



## 04.4 Reference - Williamsburgh Savings



MODIFIED TELLER SCREEN

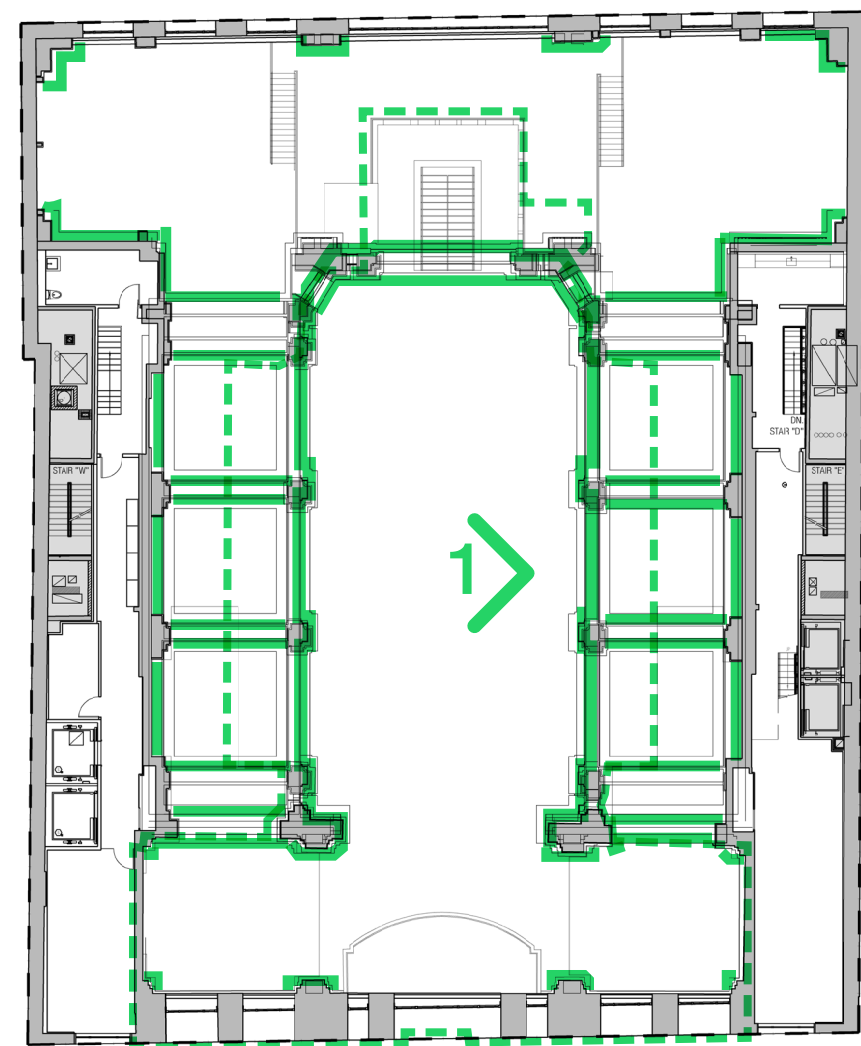


DETAIL AT MODIFIED TELLER SCREEN.

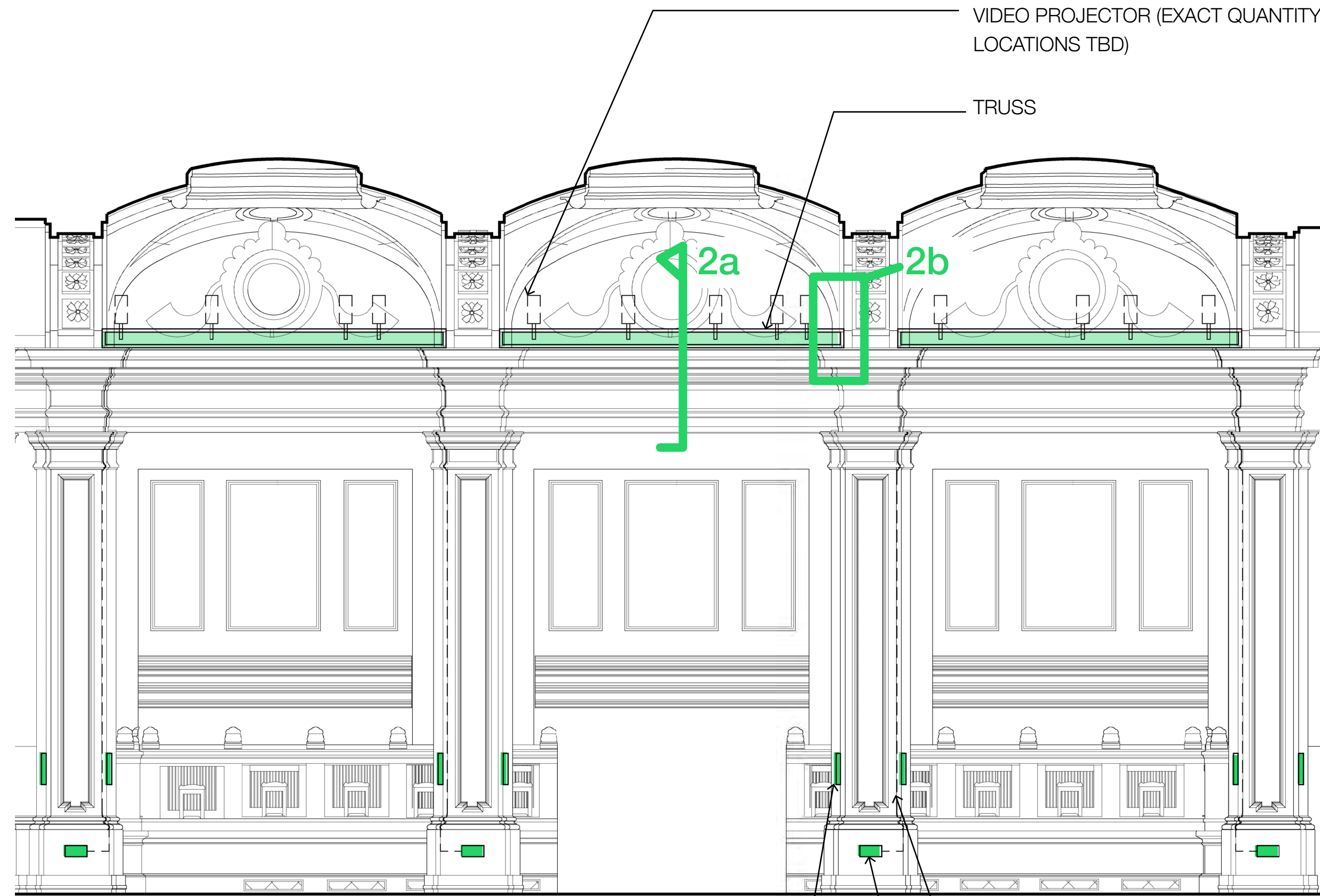
**LOCATION:**  
175 Broadway  
Brooklyn, NY



# 04.5 AudioVisual Equipment - Truss Locations + Attachment Detail

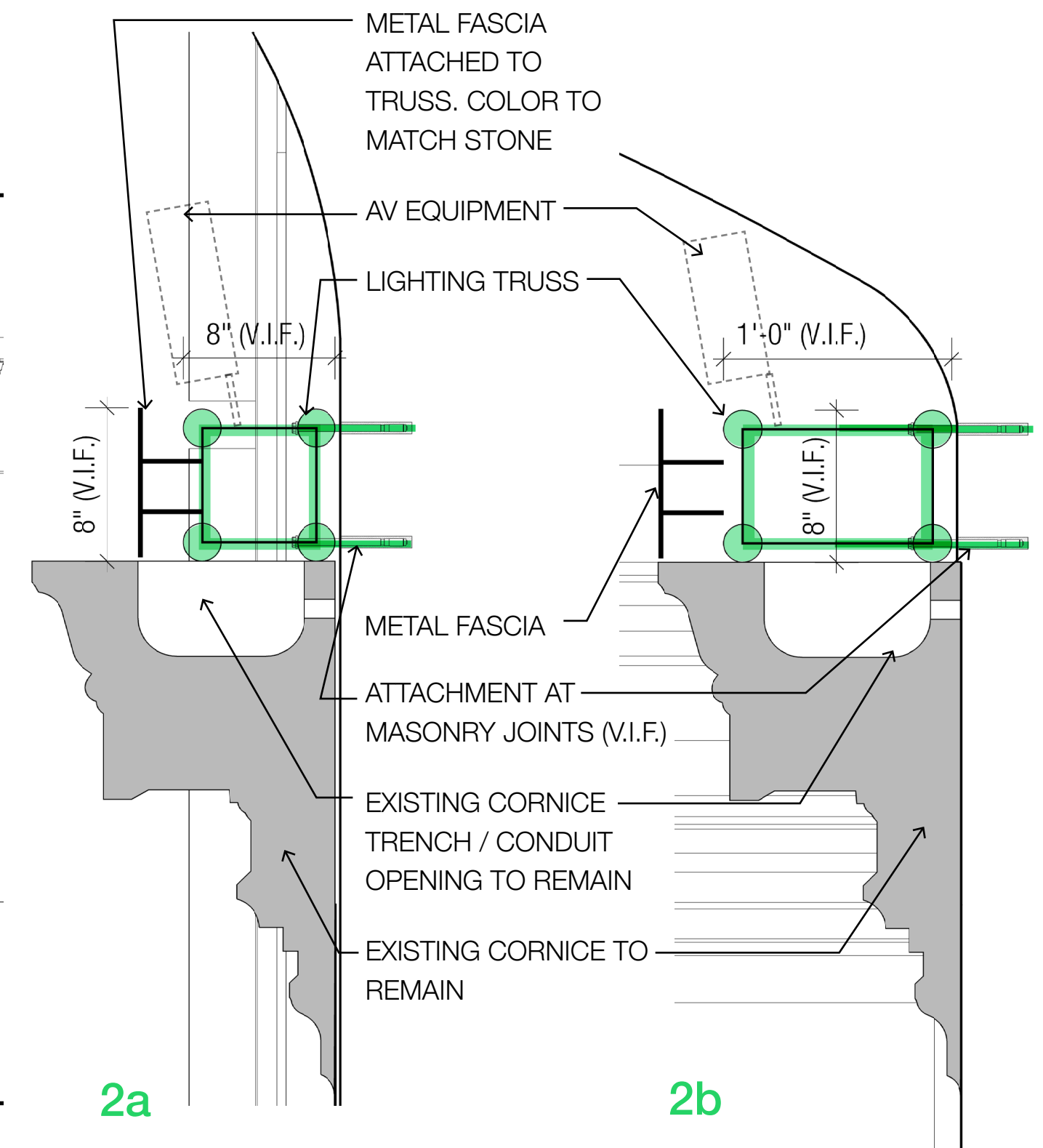


CORNICE PLAN



1 ELEVATION @ TYPICAL AV TRUSS

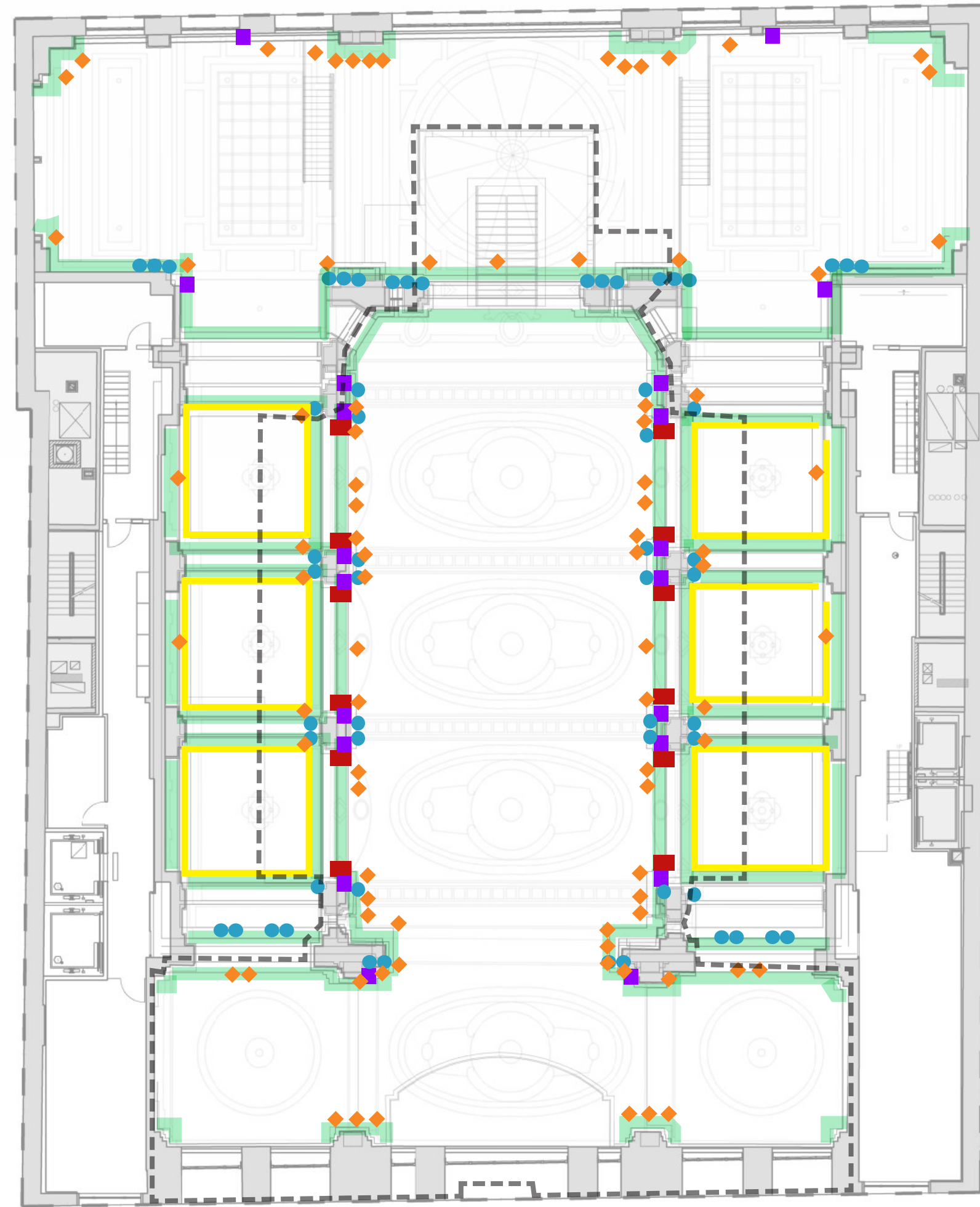
WIRE MouldING  
SURFACE MOUNTED SPEAKER+  
SUBWOOFER



ATTACHMENT DETAIL @ CORNICE



# 04.5 AudioVisual Equipment - Typical Truss Equipment Types + Layout



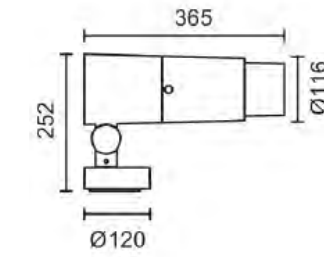
PROPOSED TRUSS EQUIPMENT PLAN

INDICATES TRUSS LOCATIONS

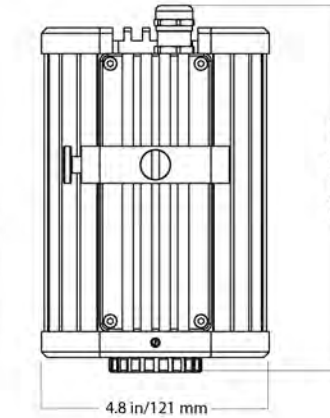
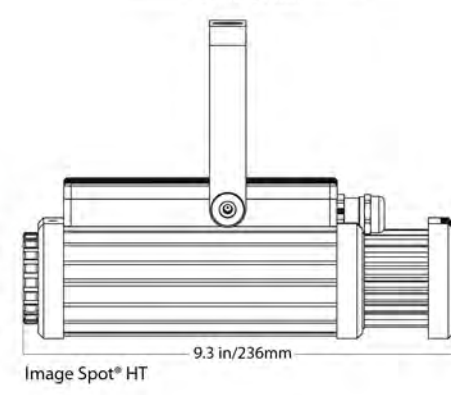
**SPOTLIGHTS HIGHLIGHTING VAULTED CEILING**



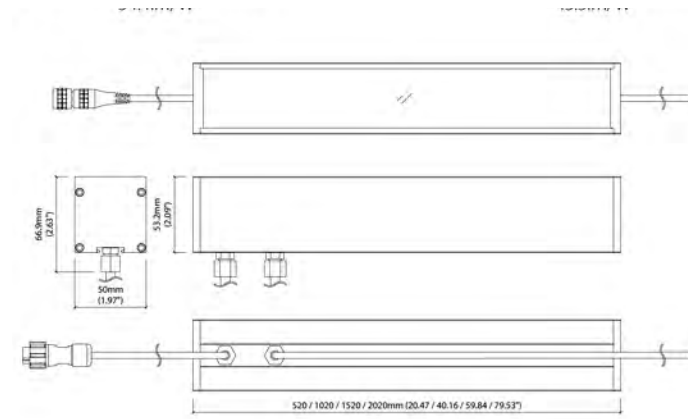
**SPOTLIGHTS HIGHLIGHTING ARCHITECTURAL FEATURES**



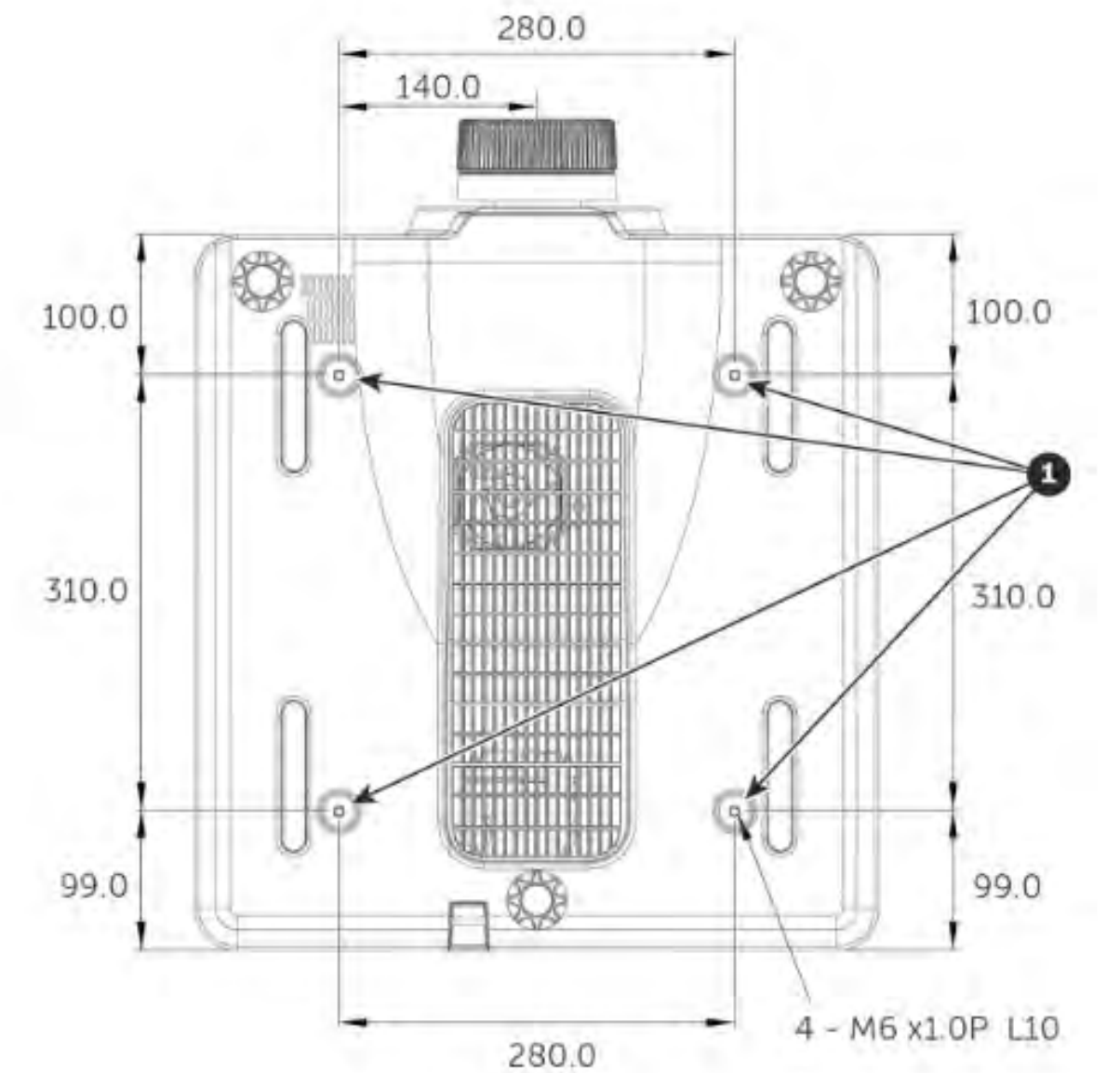
**LIGHT FIXTURE HIGHLIGHTING WINDOWS**



**LINEAR LED LIGHTING HIGHLIGHTING VAULTED CEILING**

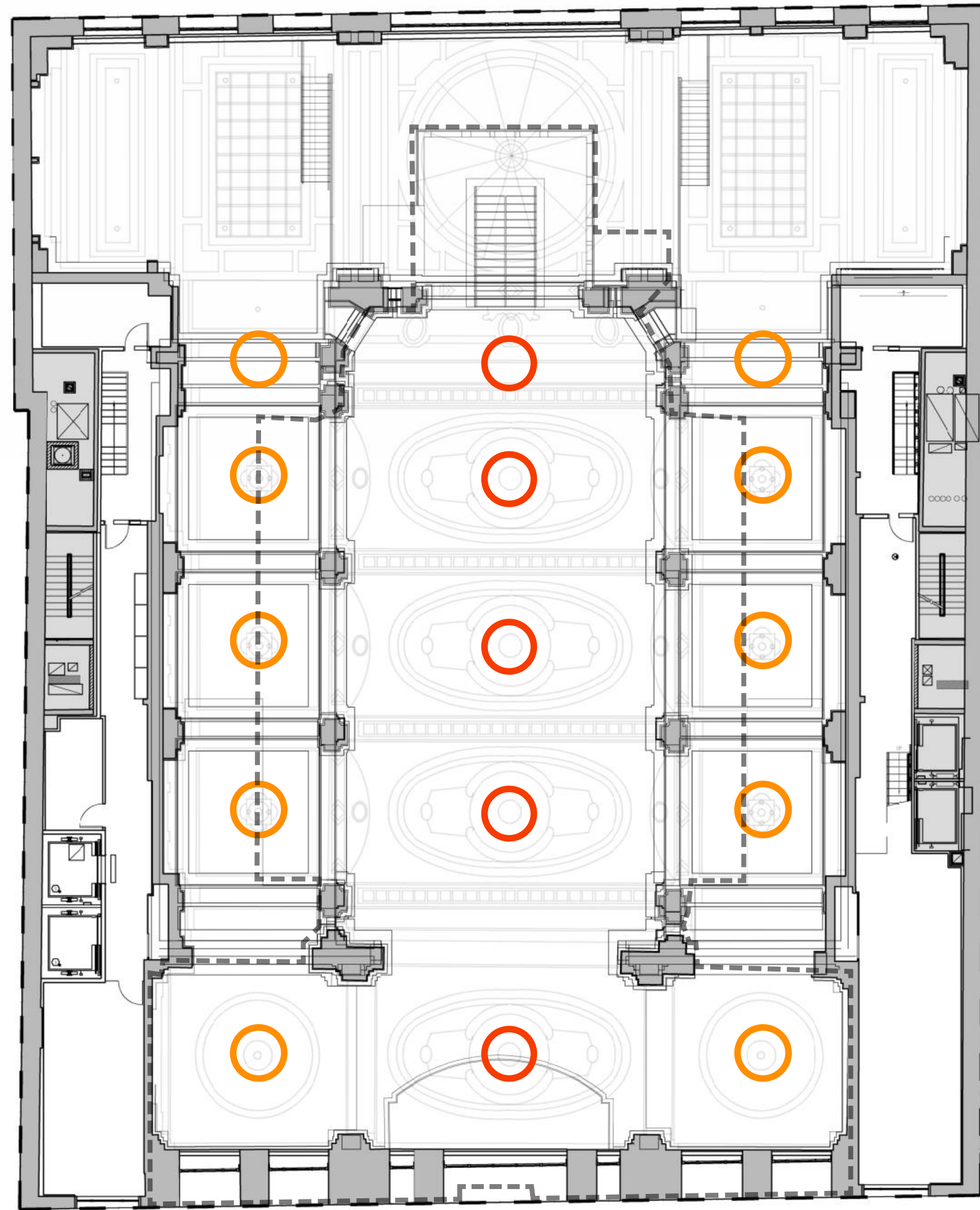


**VIDEO PROJECTOR**



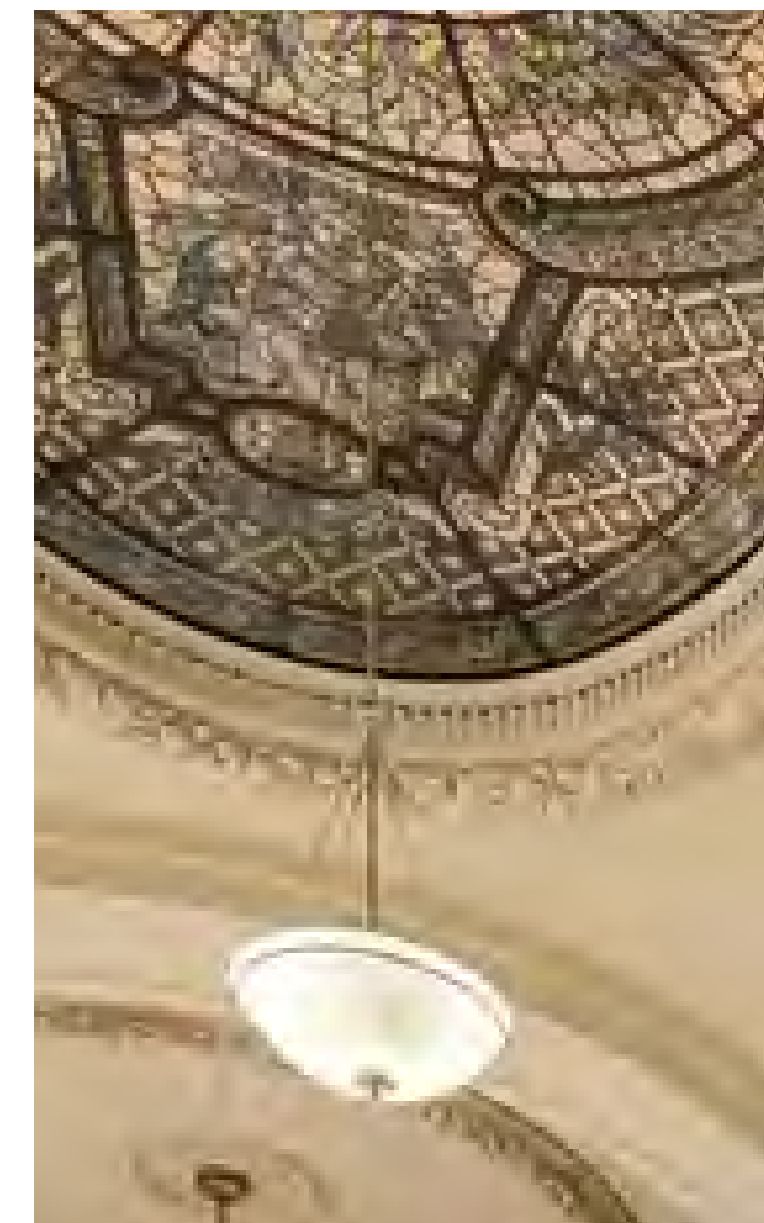


# 04.5 AudioVisual Equipment - Architectural Lighting



○ EXISTING CHANDELIER (LANDMARK DESIGNATED)  
RAISE HEIGHT  
REPLACE EXISTING LIGHT SOURCE WITH LED

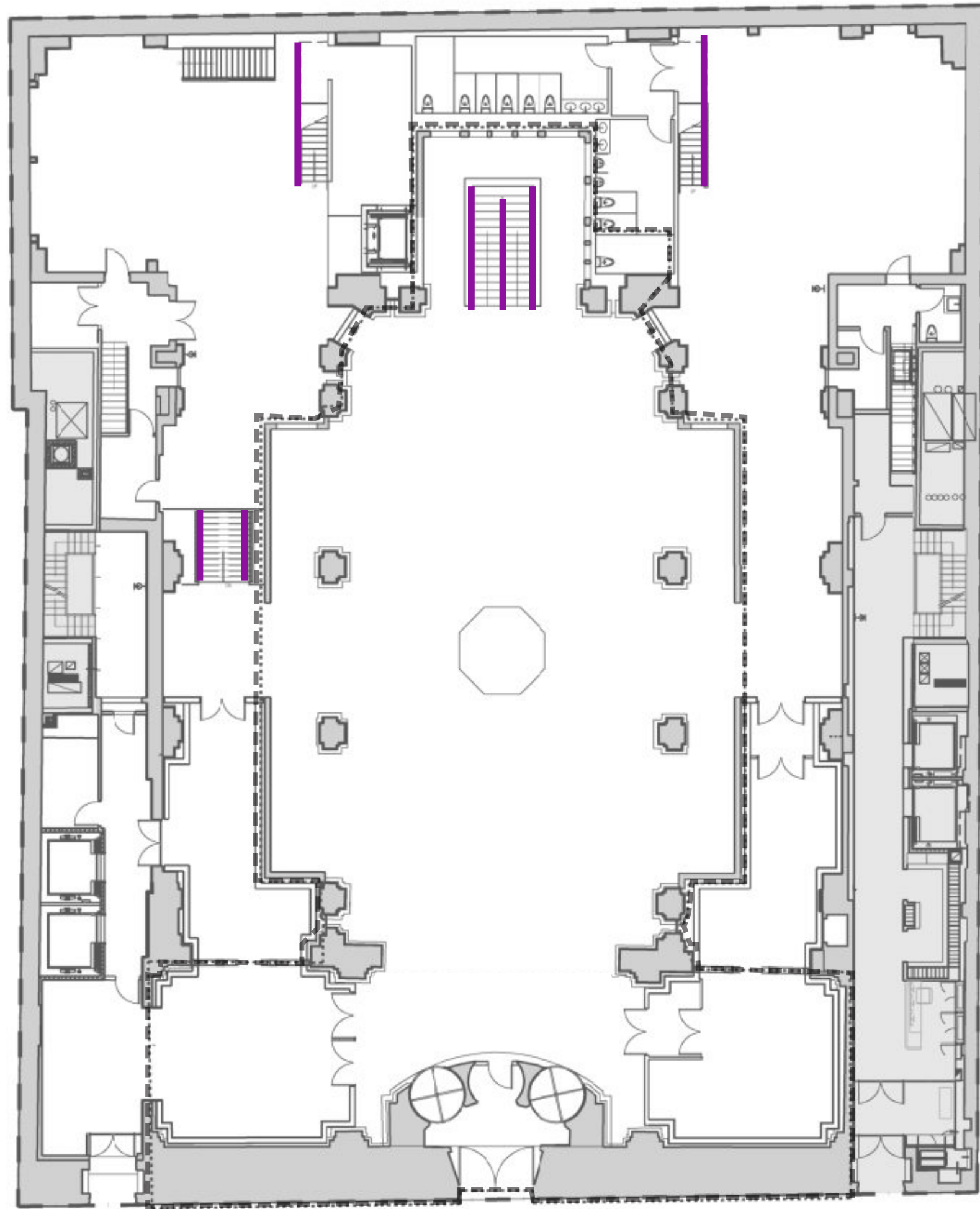
○ EXISTING CHANDELIER (NON-HISTORIC)  
TO BE REMOVED



PROPOSED LIGHTING PLAN



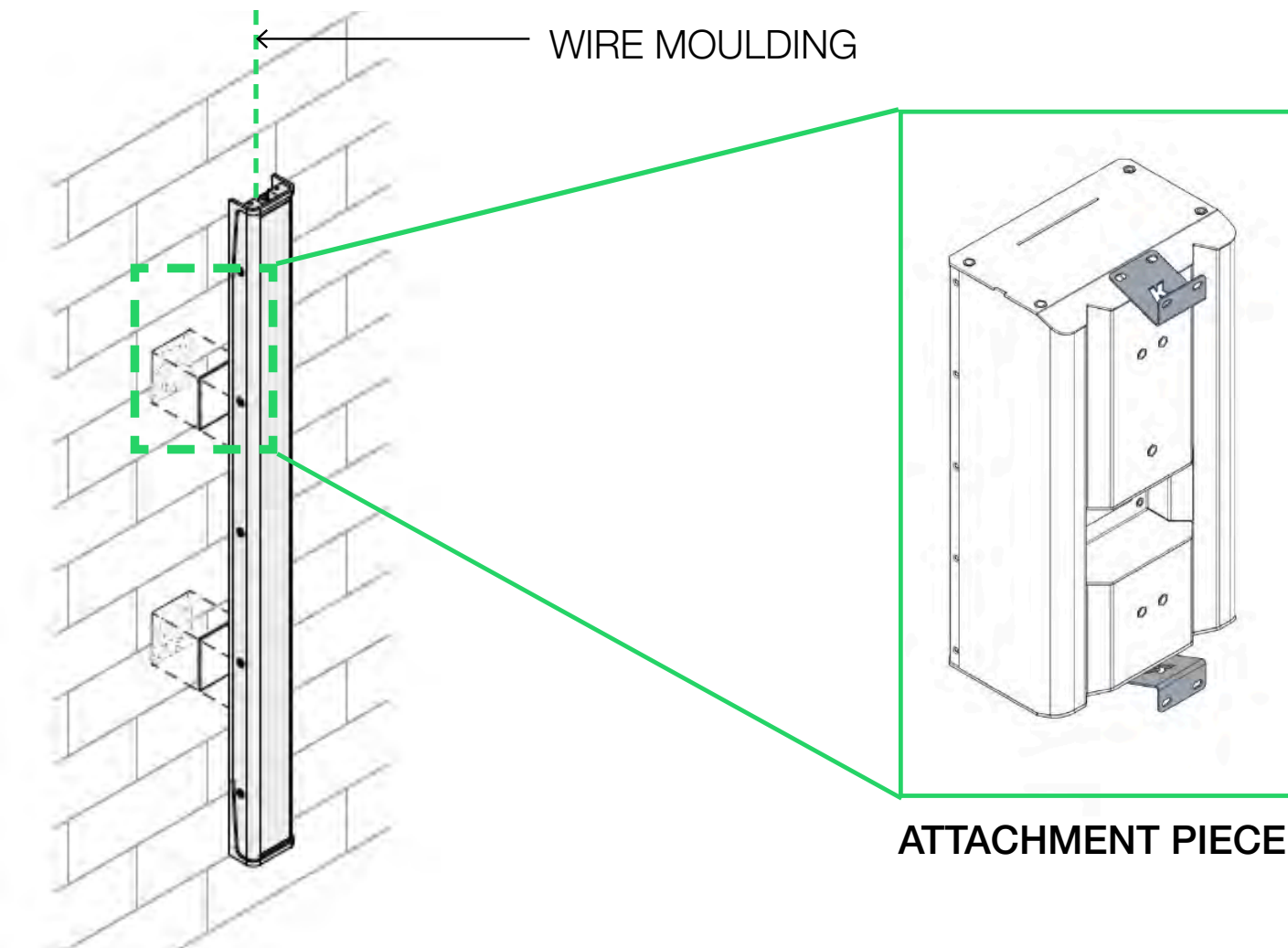
# 04.5 AudioVisual Equipment - Architectural Modifications



PROPOSED EQUIPMENT PLAN

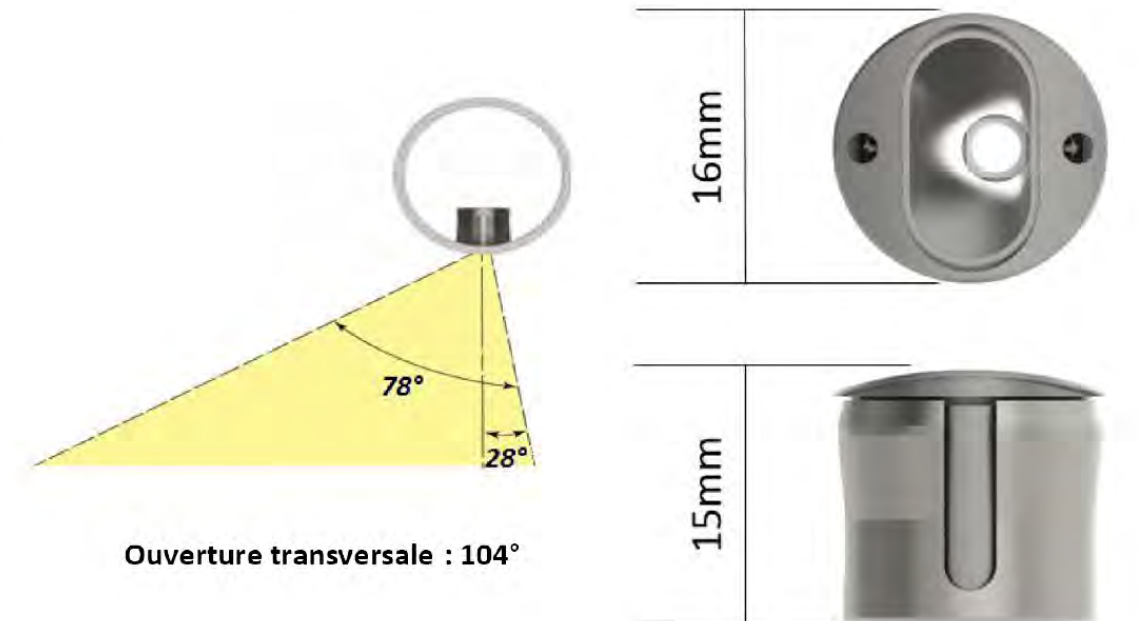


VERTICAL SPEAKER MODEL



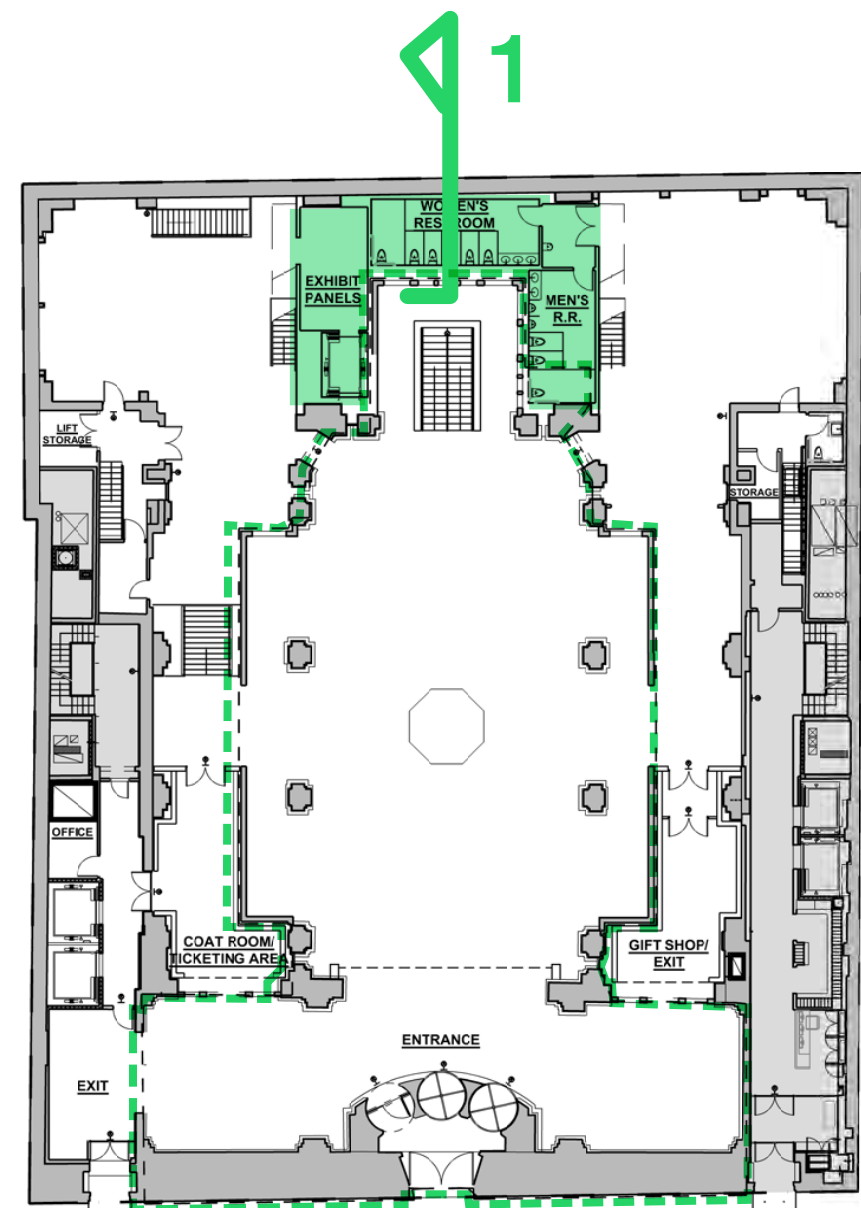
SPEAKER INSTALLATION WITH FASTENER  
NOTE: ATTACHMENT POINTS TO BE LOCATED AT MASONRY JOINT LINES

FIXTURE AT EXISTING HANDRAIL

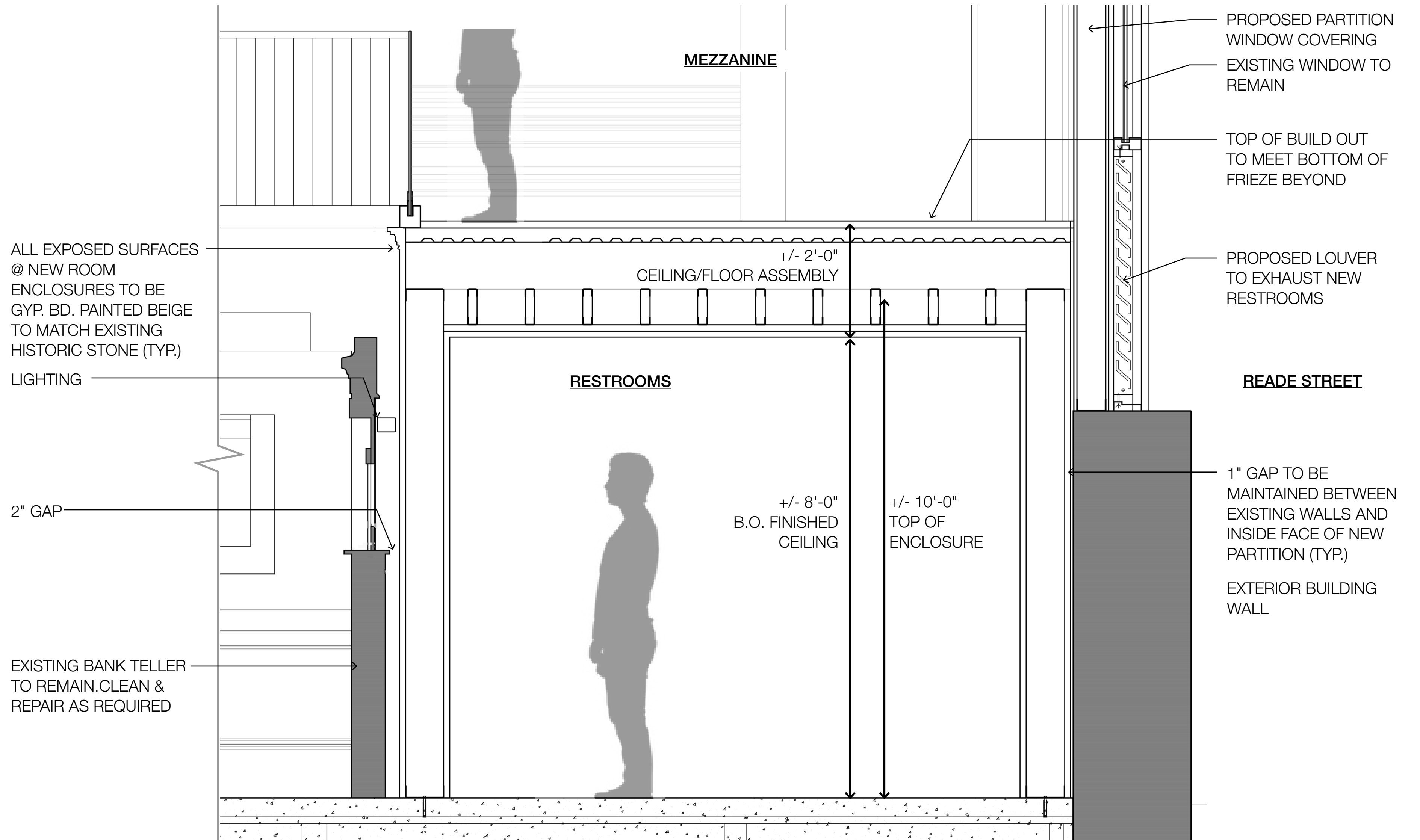




# 04.6 Mezzanine Viewing Platform - Proposed Room Enclosure / Platform Details



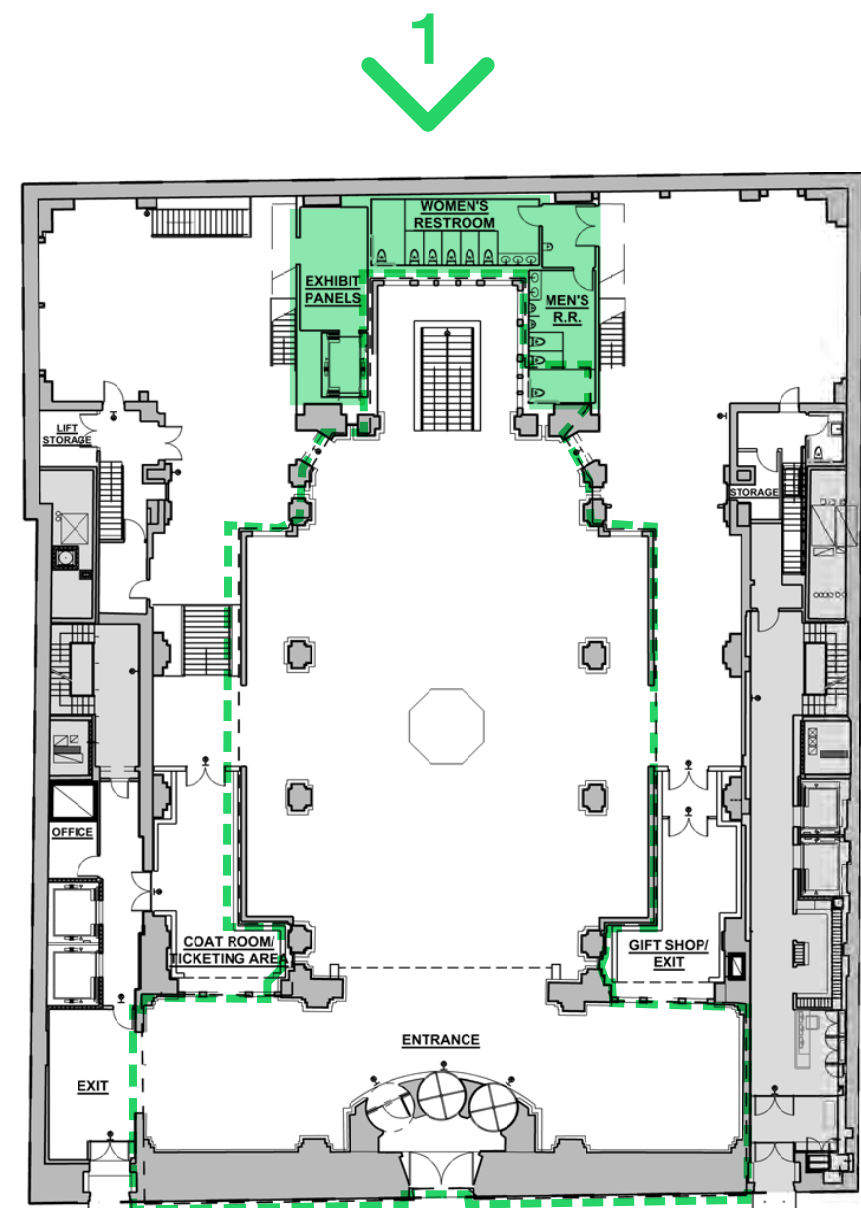
KEY PLAN



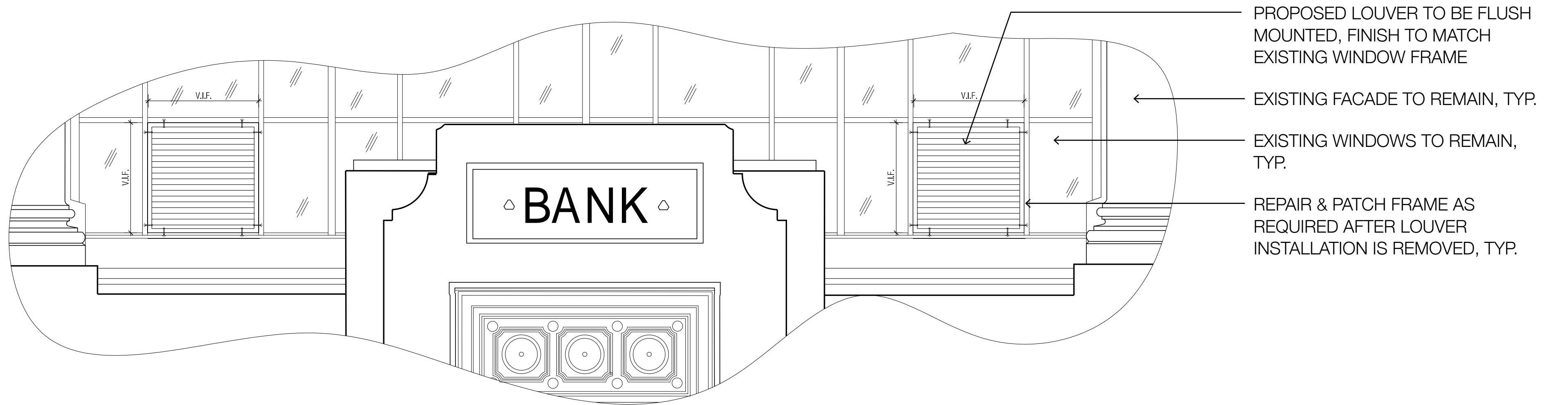
1 SECTION AT BATHROOM / MEZZANINE ENCLOSURE



# 04.6 Mezzanine Viewing Platform - Proposed Louver Details



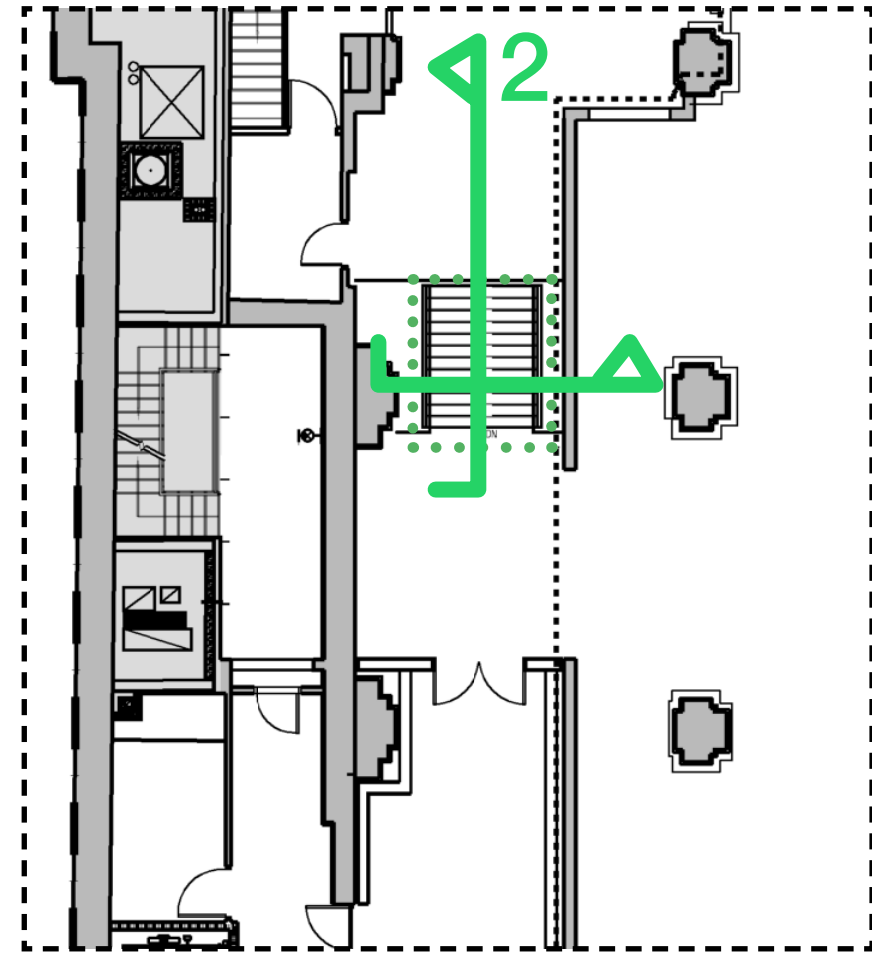
KEY PLAN



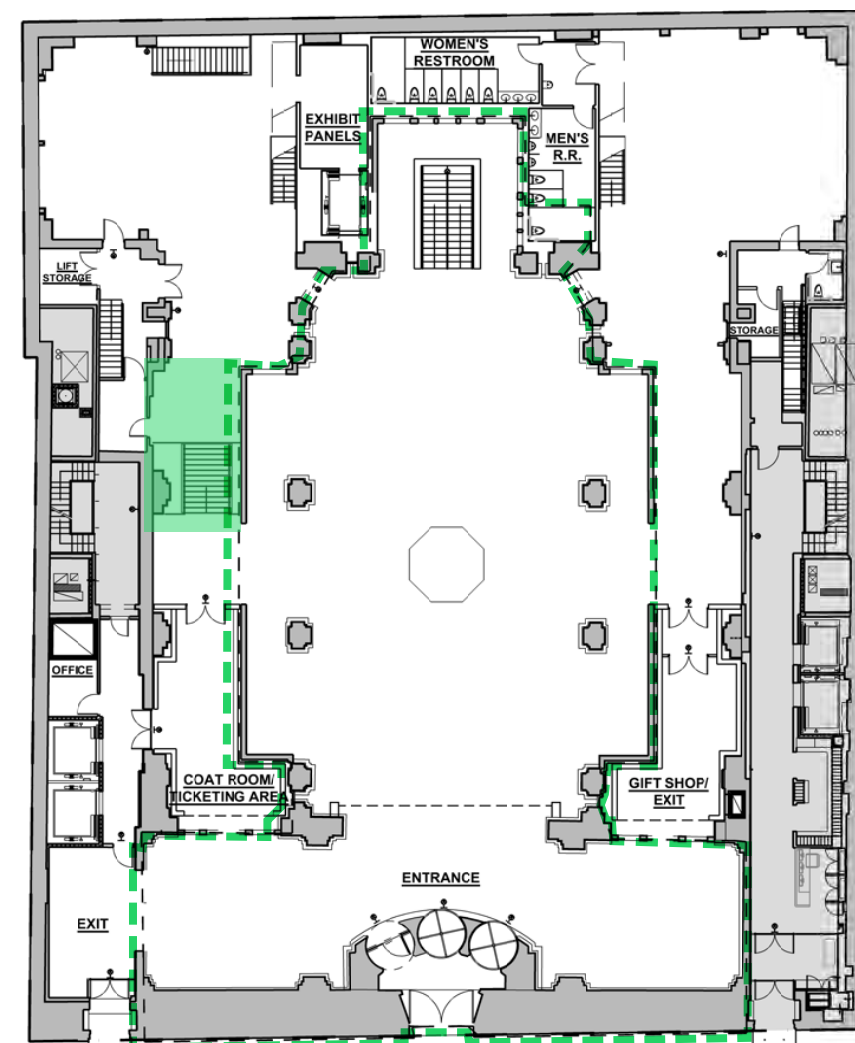
1 ELEVATION AT PROPOSED LOUVER



# 04.7 Convenience Stair - Proposed



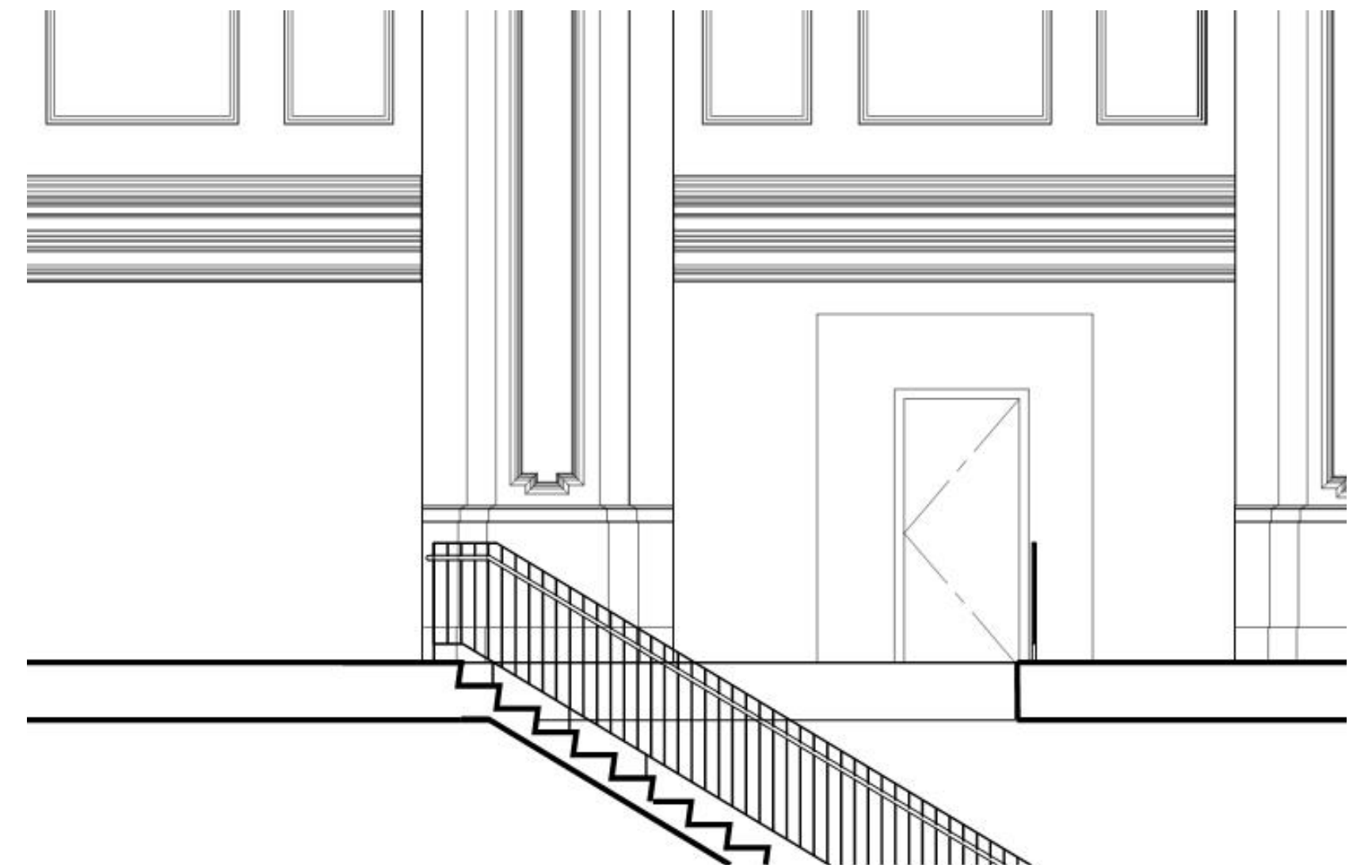
CONVENIENCE STAIR



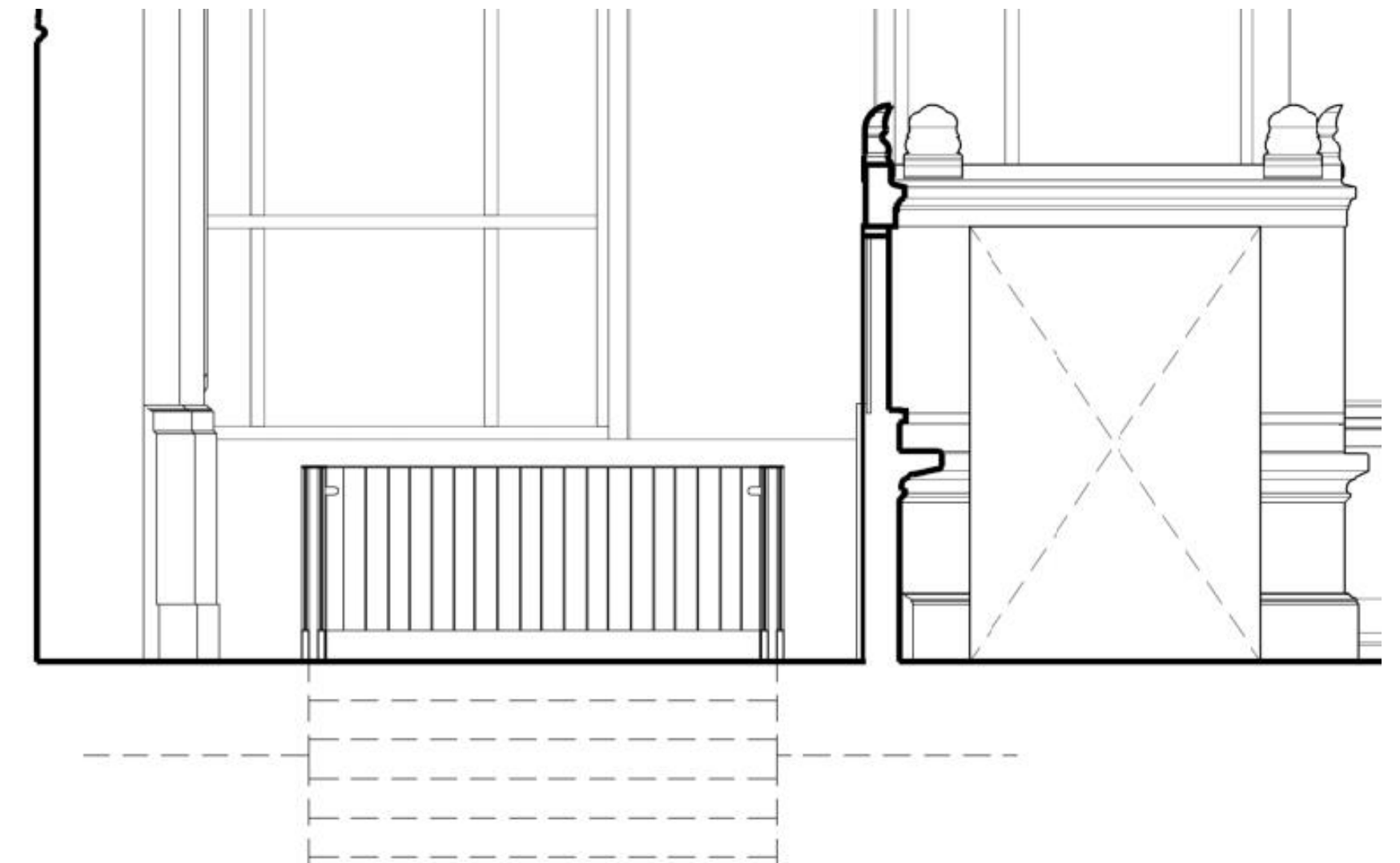
KEY PLAN



1 EXISTING CONDITION



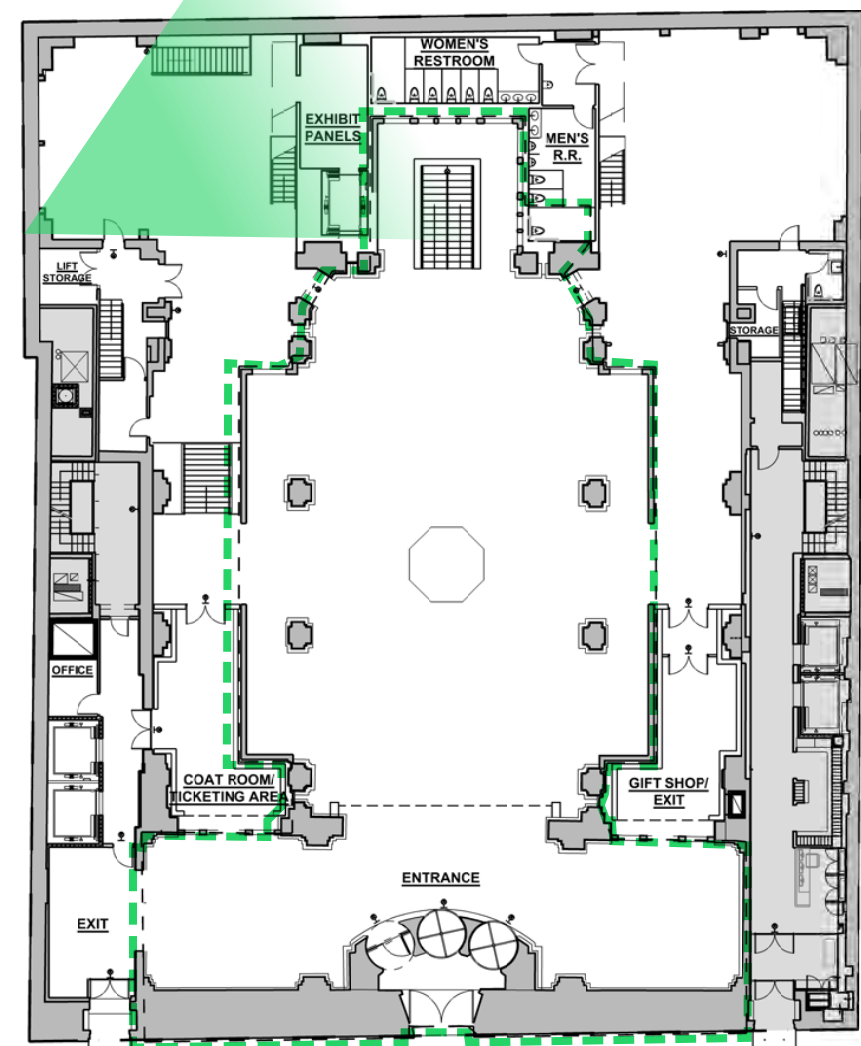
2 SECTION OF PROPOSED STAIRS



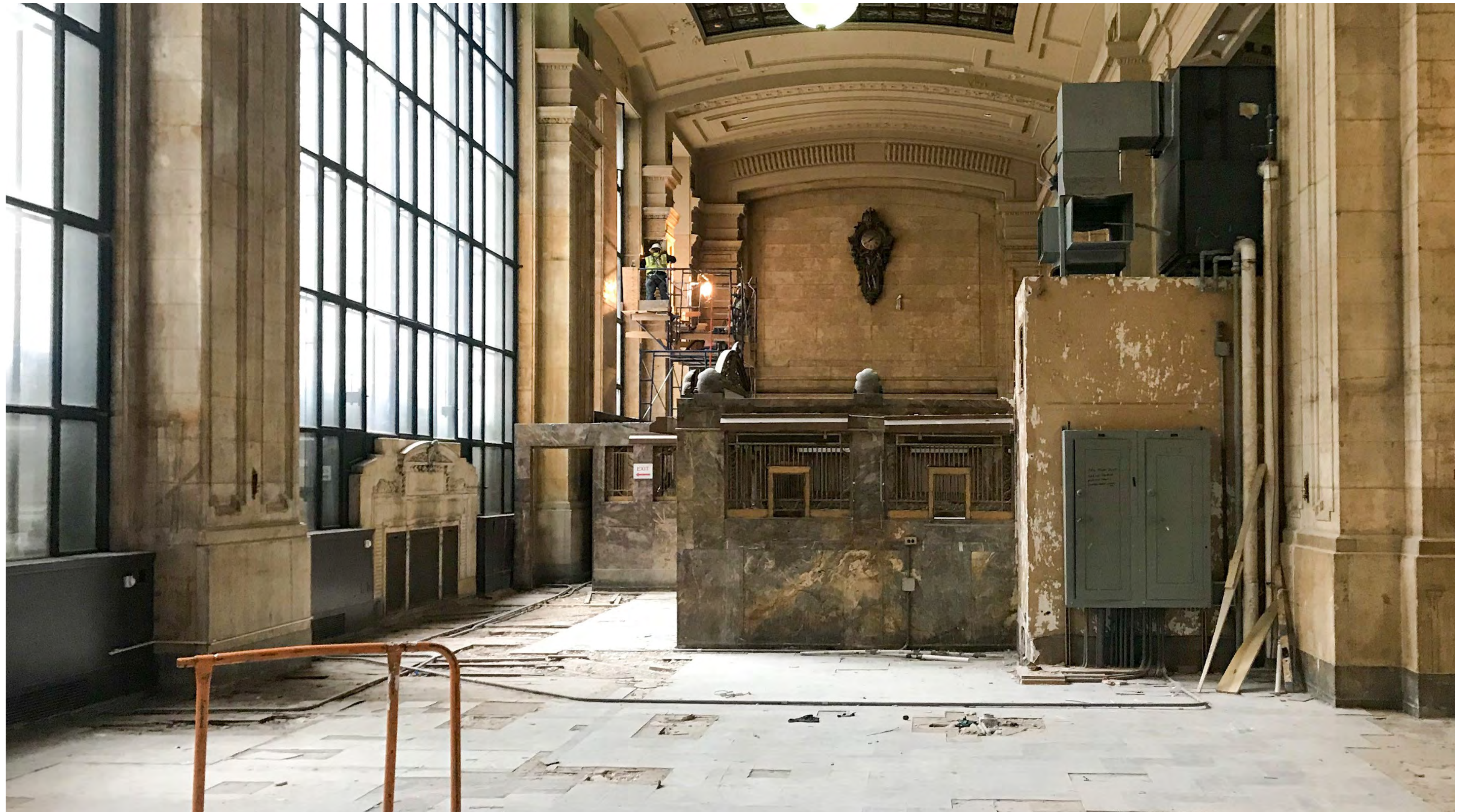
3 ELEVATION OF PROPOSED STAIRS



# 04.7 Egress Stair - Existing Condition



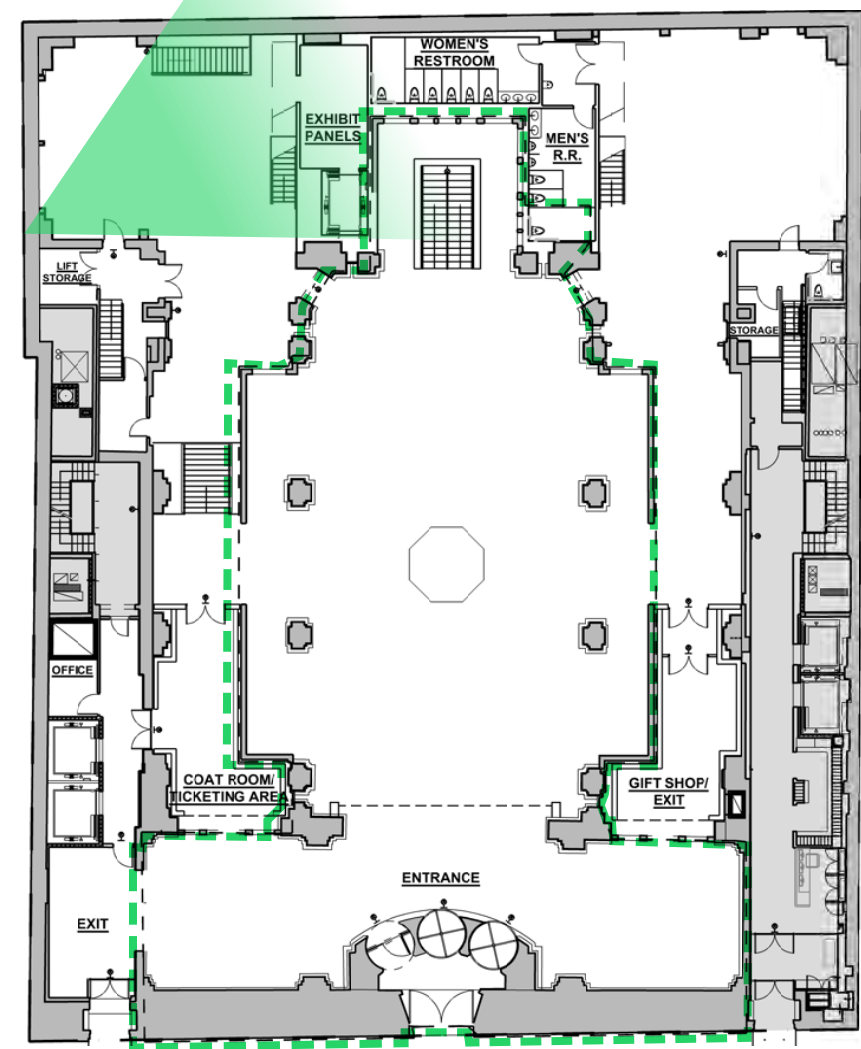
KEY PLAN



EXISTING VIEW



# 04.7 Egress Stair - Previously Proposed



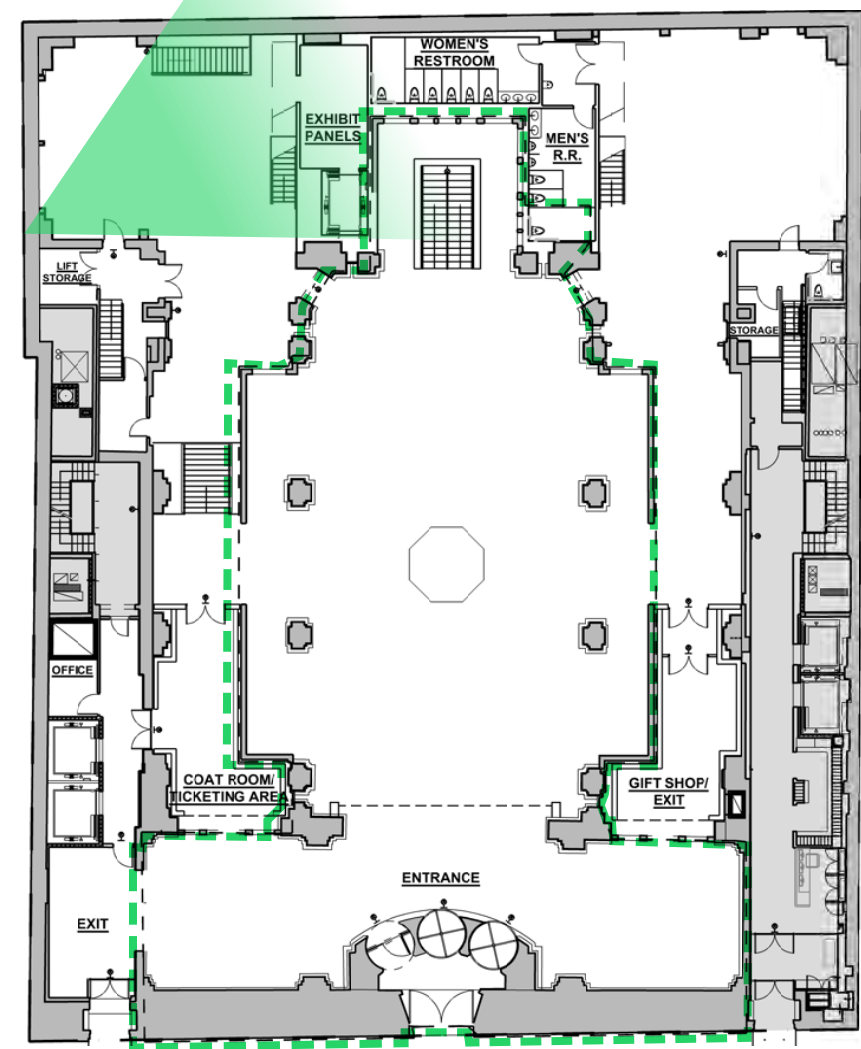
KEY PLAN



EXISTING VIEW OF STAIRS



# 04.7 Egress Stair - Revised Proposed



KEY PLAN

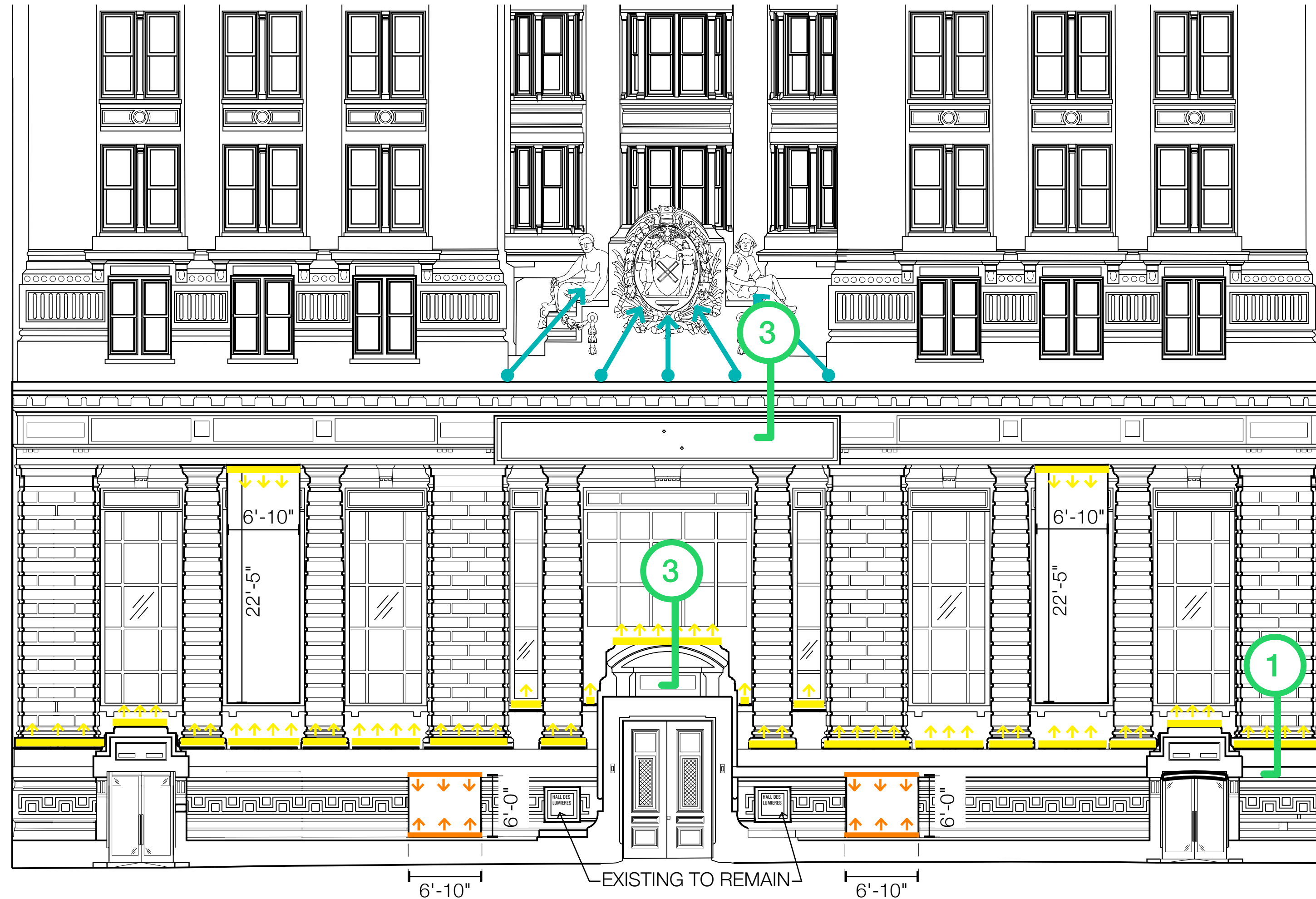


EXISTING VIEW OF STAIRS

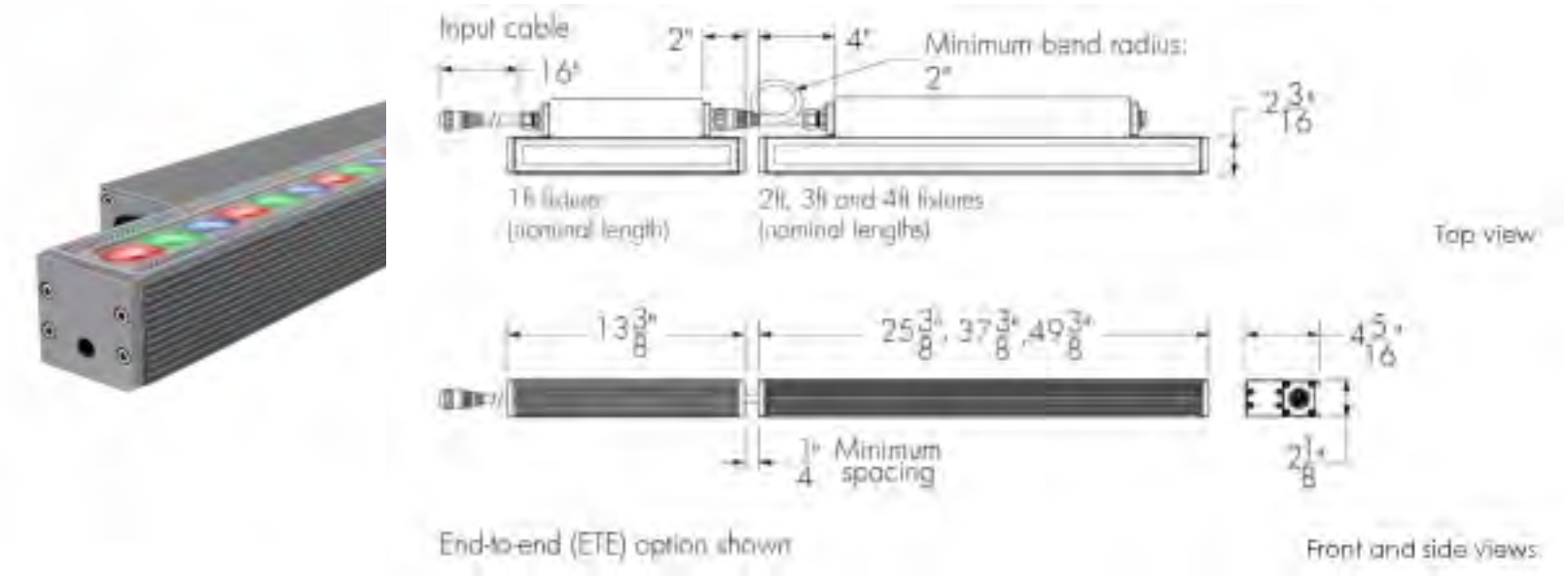


# 04.8 Exterior Alterations - Chambers Street Proposed Exterior Architectural Lighting

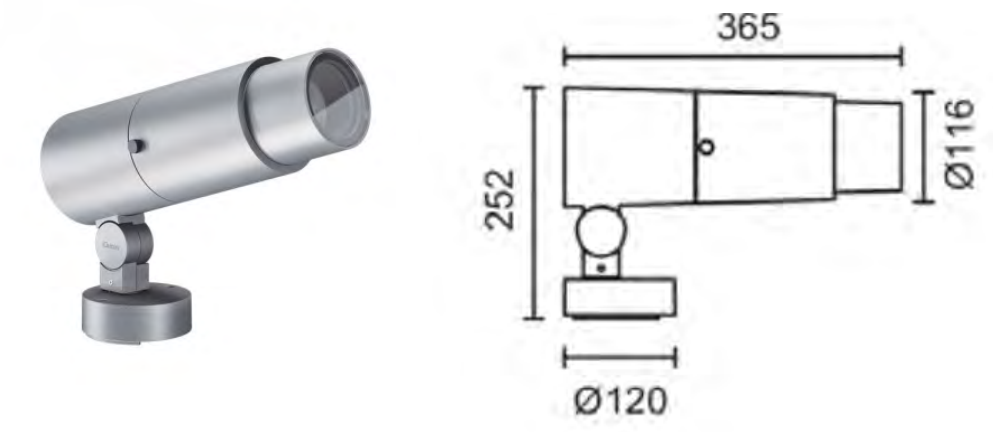
## LED HIGHLIGHTING FACADE AND BANNERS



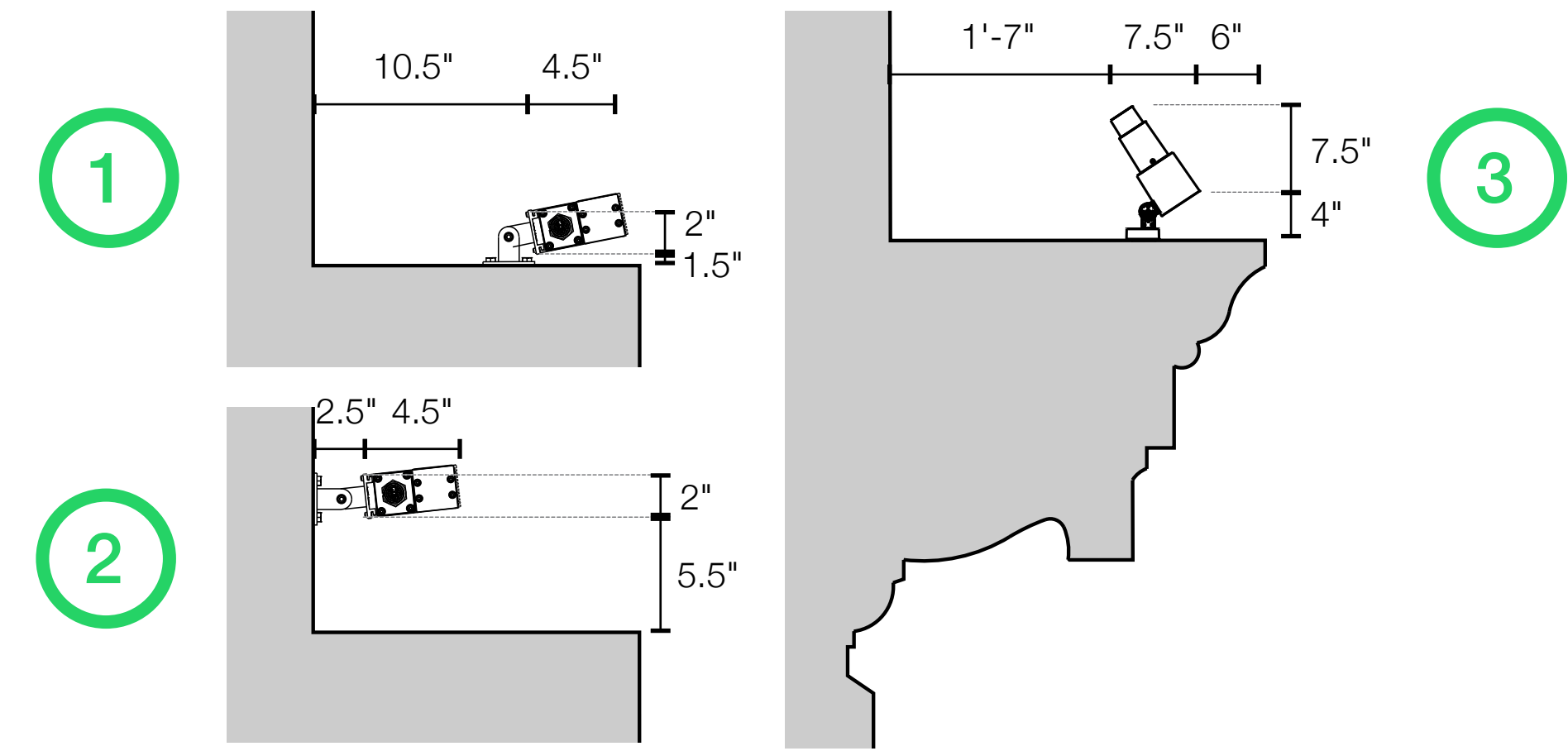
PROPOSED CHAMBERS STREET FACADE LIGHTING LOCATIONS



## PROFILE SPOTLIGHTS HIGHLIGHTING ARCHITECTURAL FEATURES



### ATTACHMENT DETAILS:

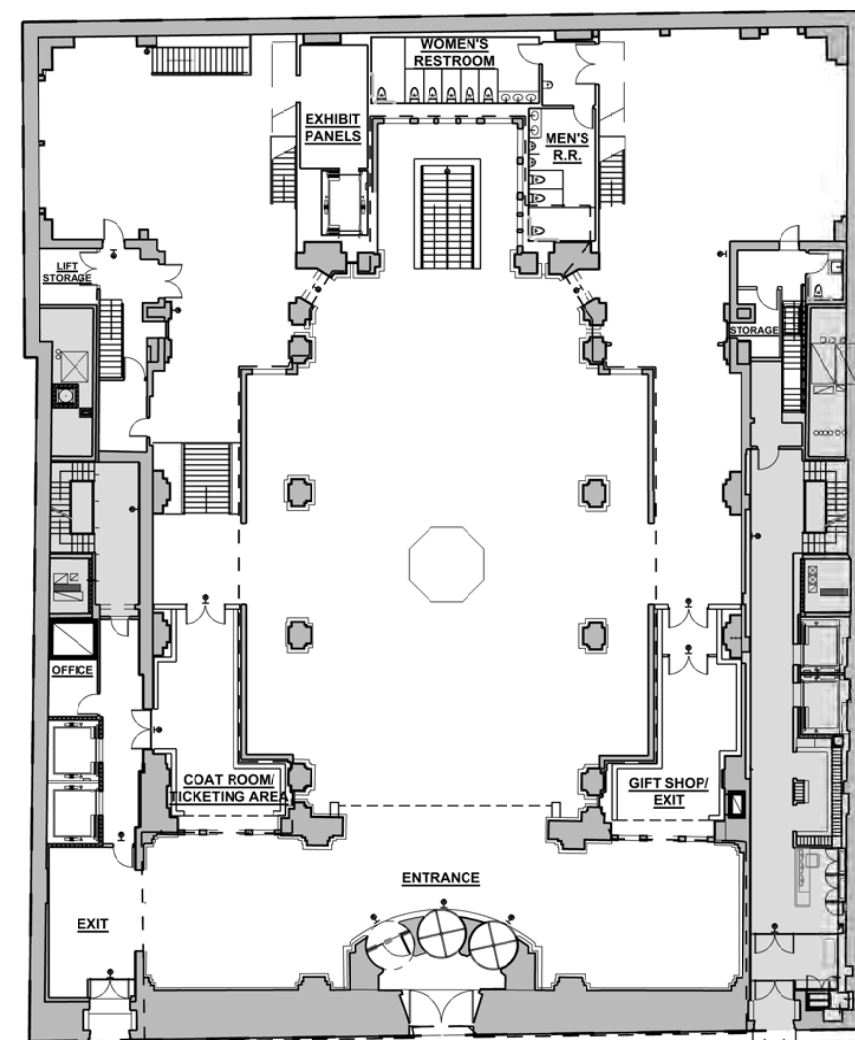




# 04.8 Exterior Alterations - Reade Street Proposed Egress Doors



1 READE STREET ELEVATION



KEY PLAN



1 EXISTING READE STREET FACADE



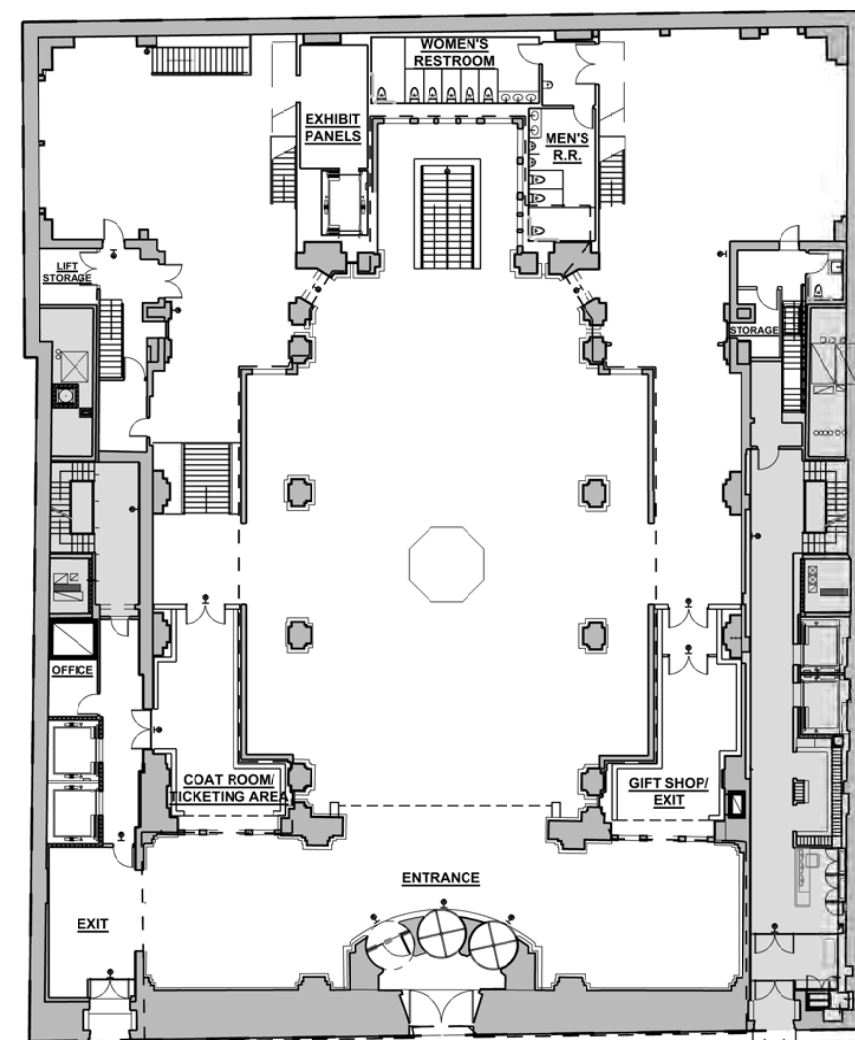
2 TYPICAL EXISTING WINDOW



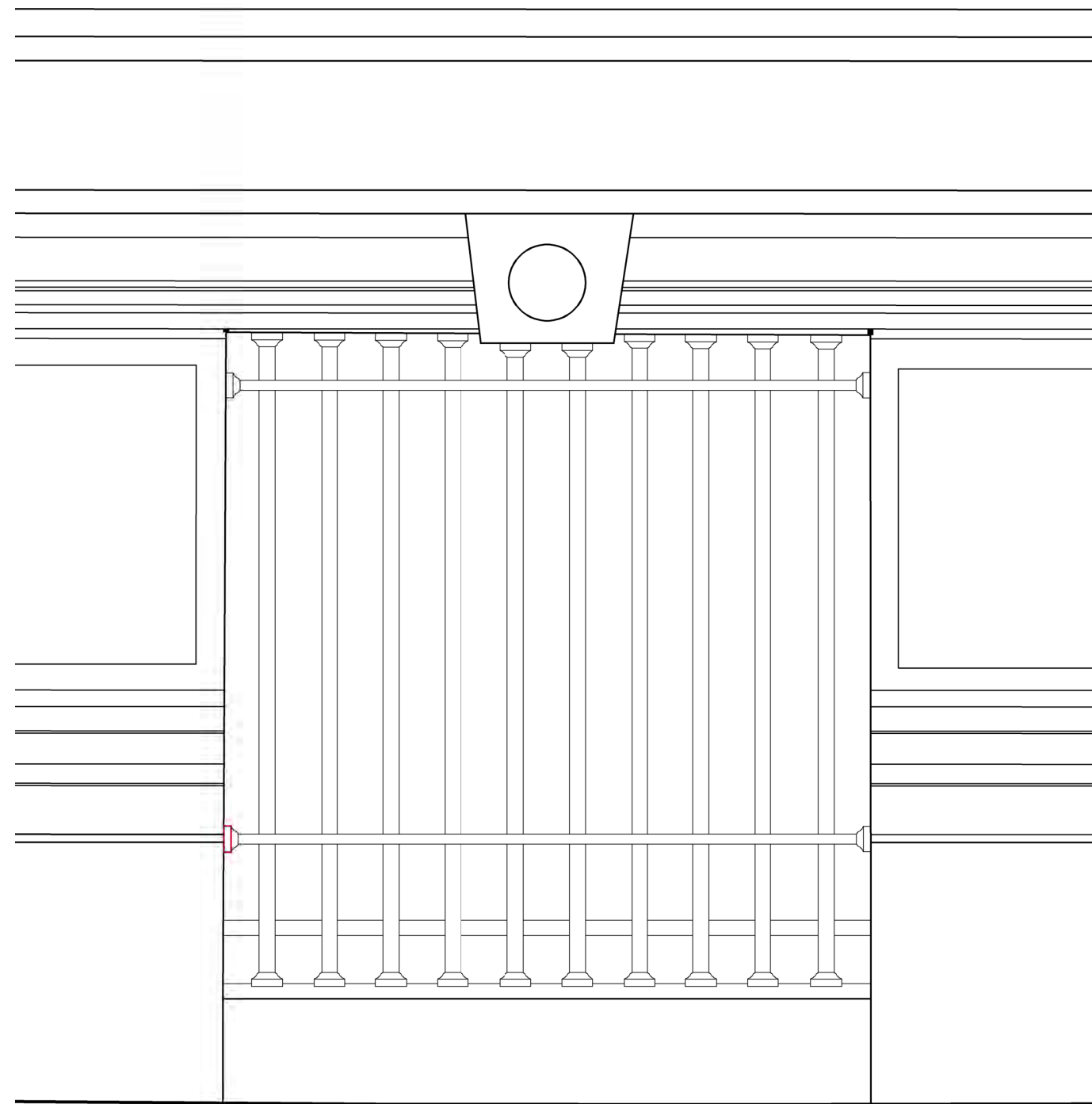
# 04.8 Exterior Alterations - Reade Street Proposed Egress Doors



1 READE STREET ELEVATION

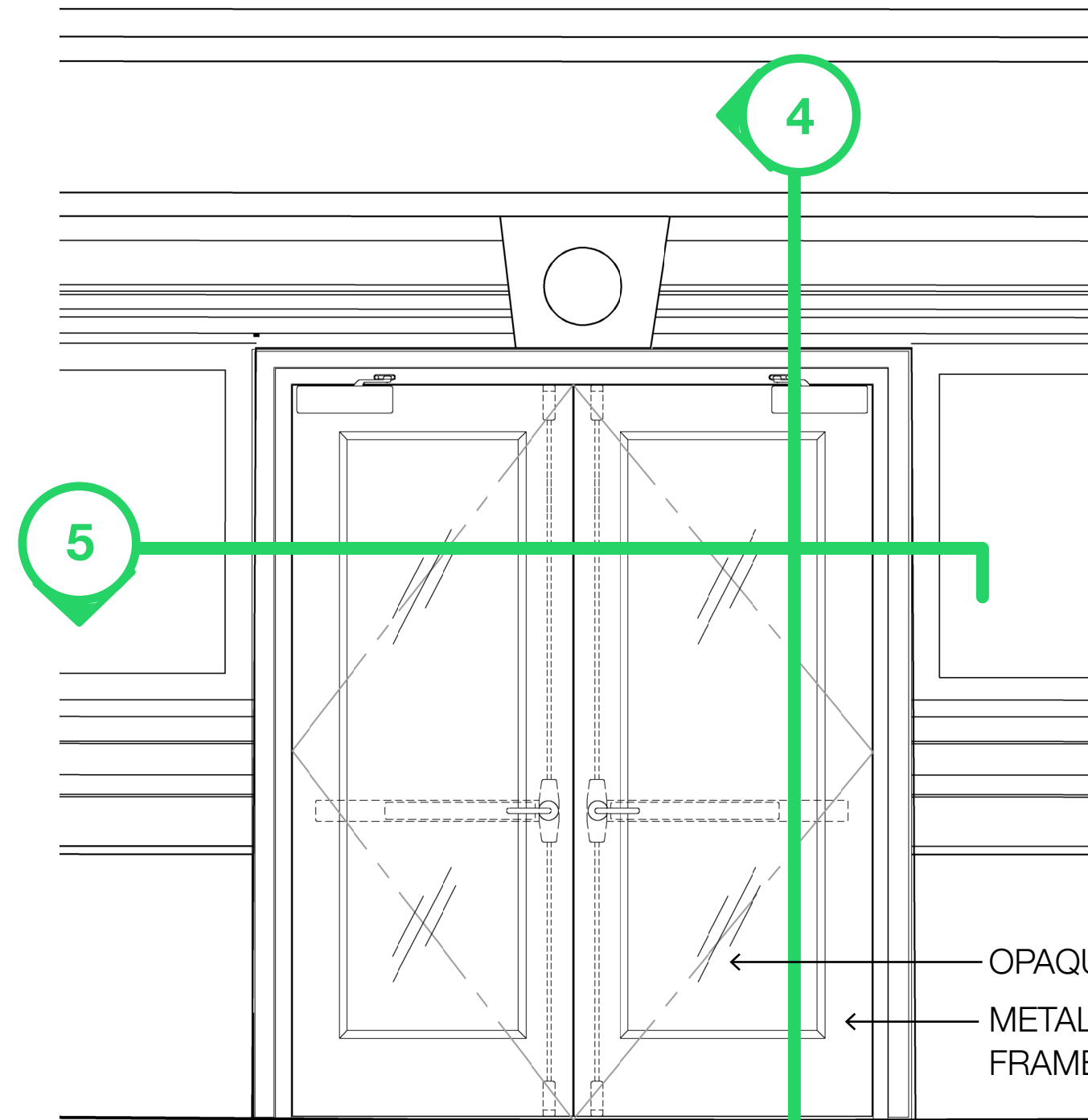


KEY PLAN



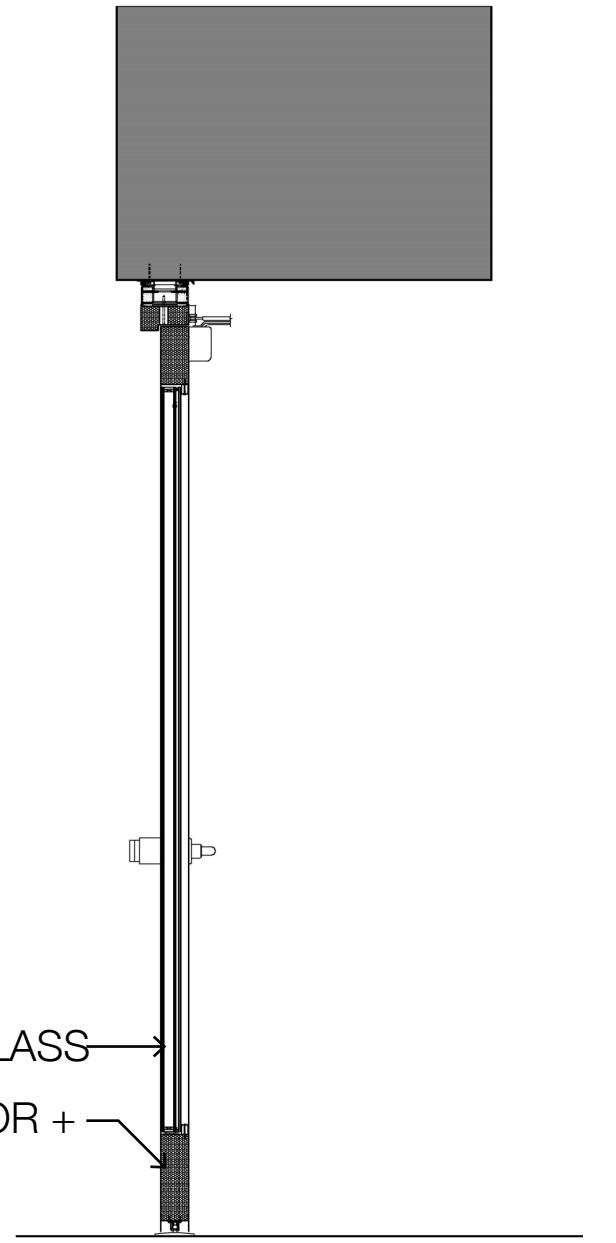
2 EXISTING WINDOW

\*Bars to be stored on site

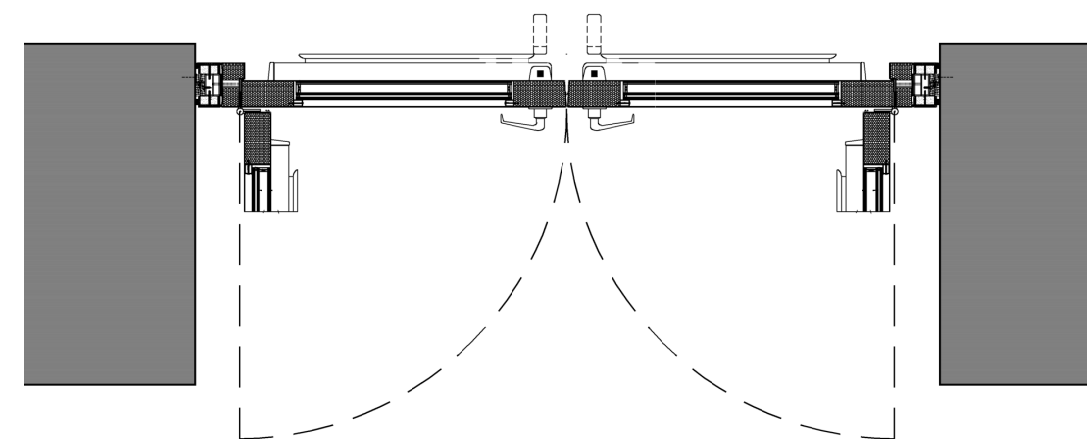


3 PROPOSED EGRESS DOOR

OPAQUE GLASS  
METAL DOOR + FRAME



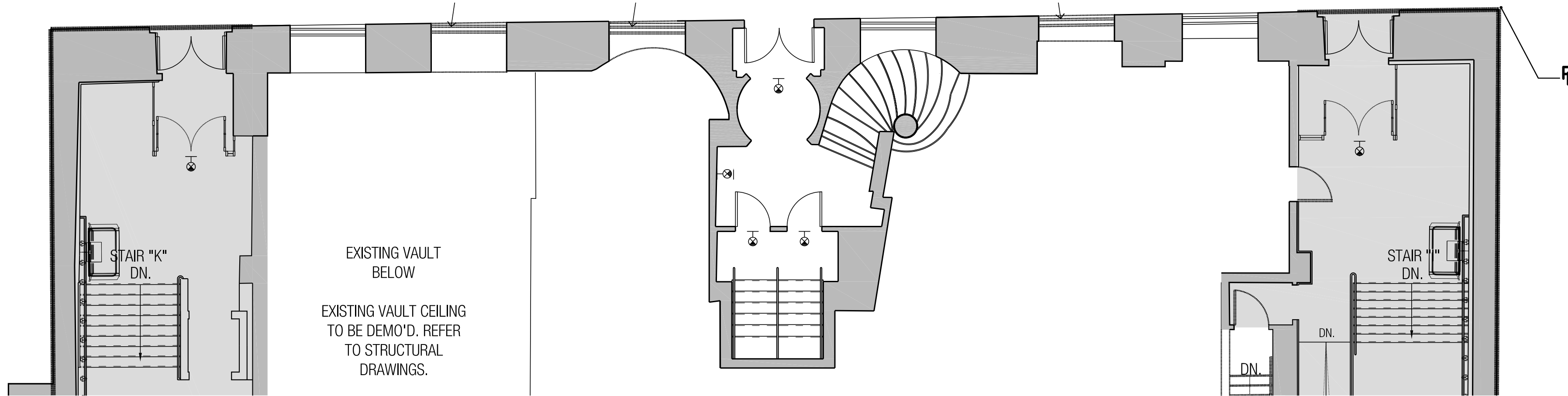
4 SECTION @ PROPOSED EGRESS DOOR



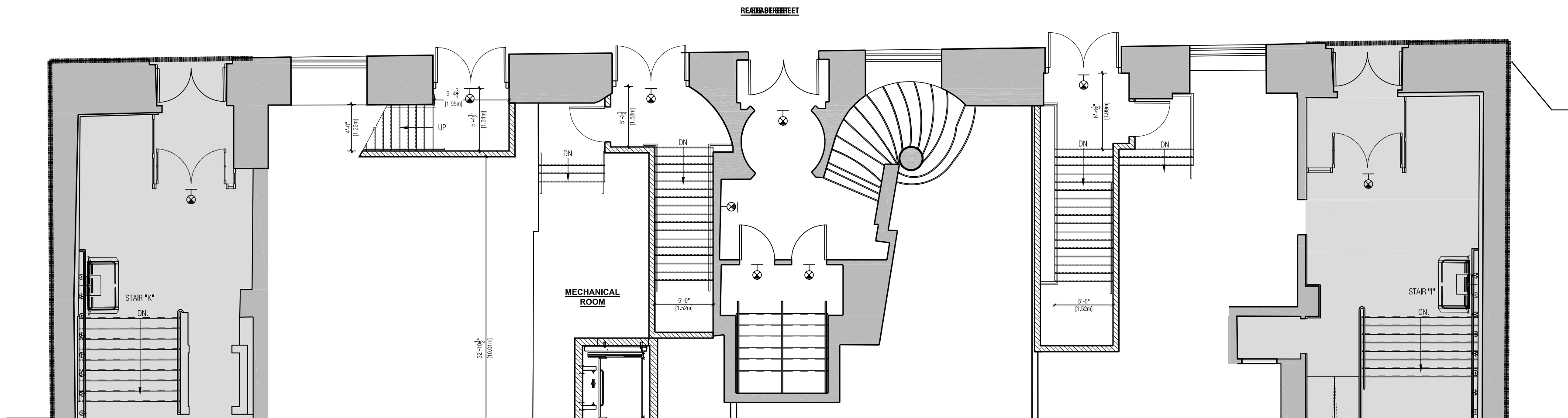
5 PLAN @ PROPOSED EGRESS DOOR



# 04.8 Exterior Alterations - Reade Street Proposed Egress Doors



EXISTING BASEMENT MEZZANINE PLAN



PROPOSED BASEMENT MEZZANINE PLAN



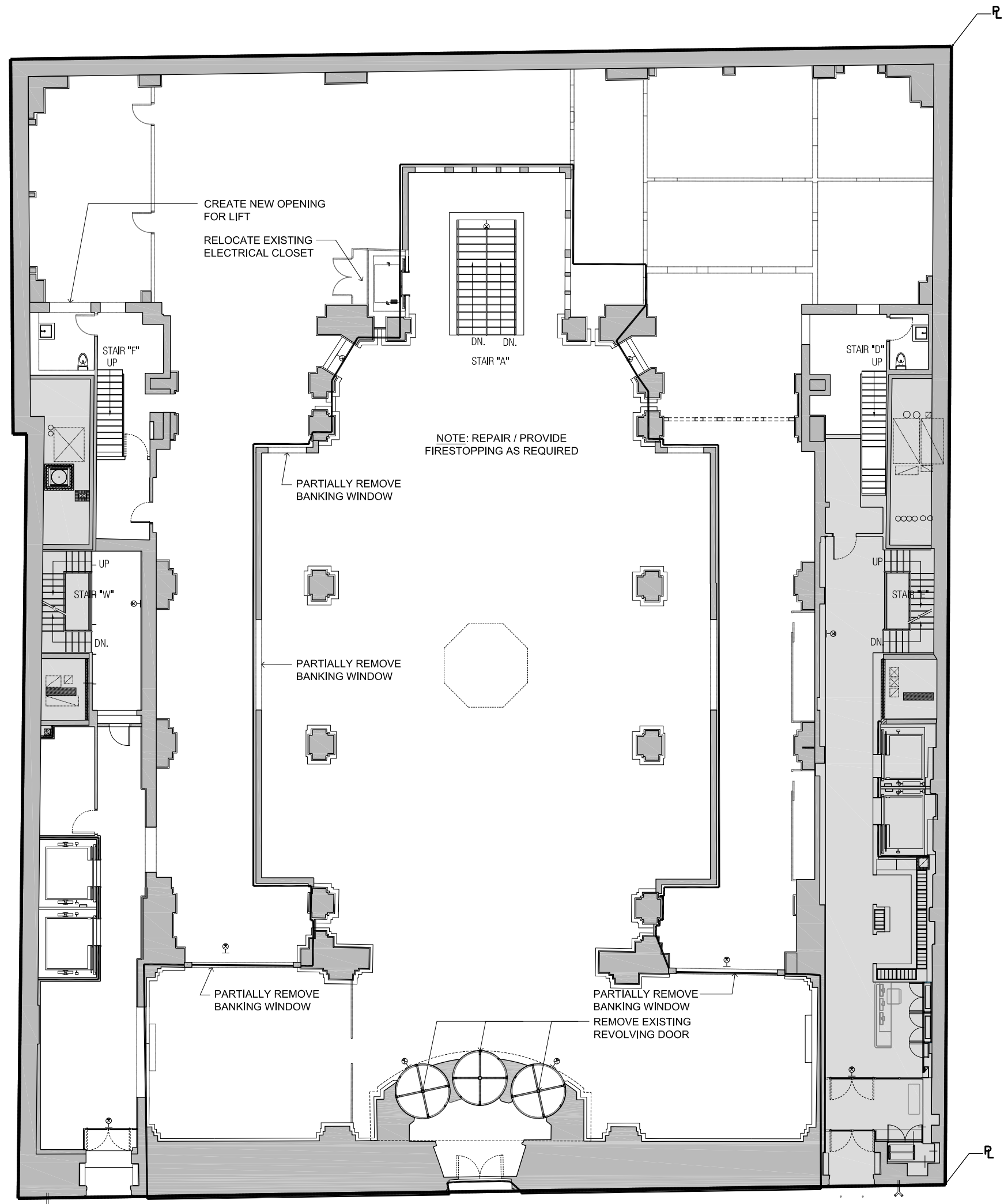




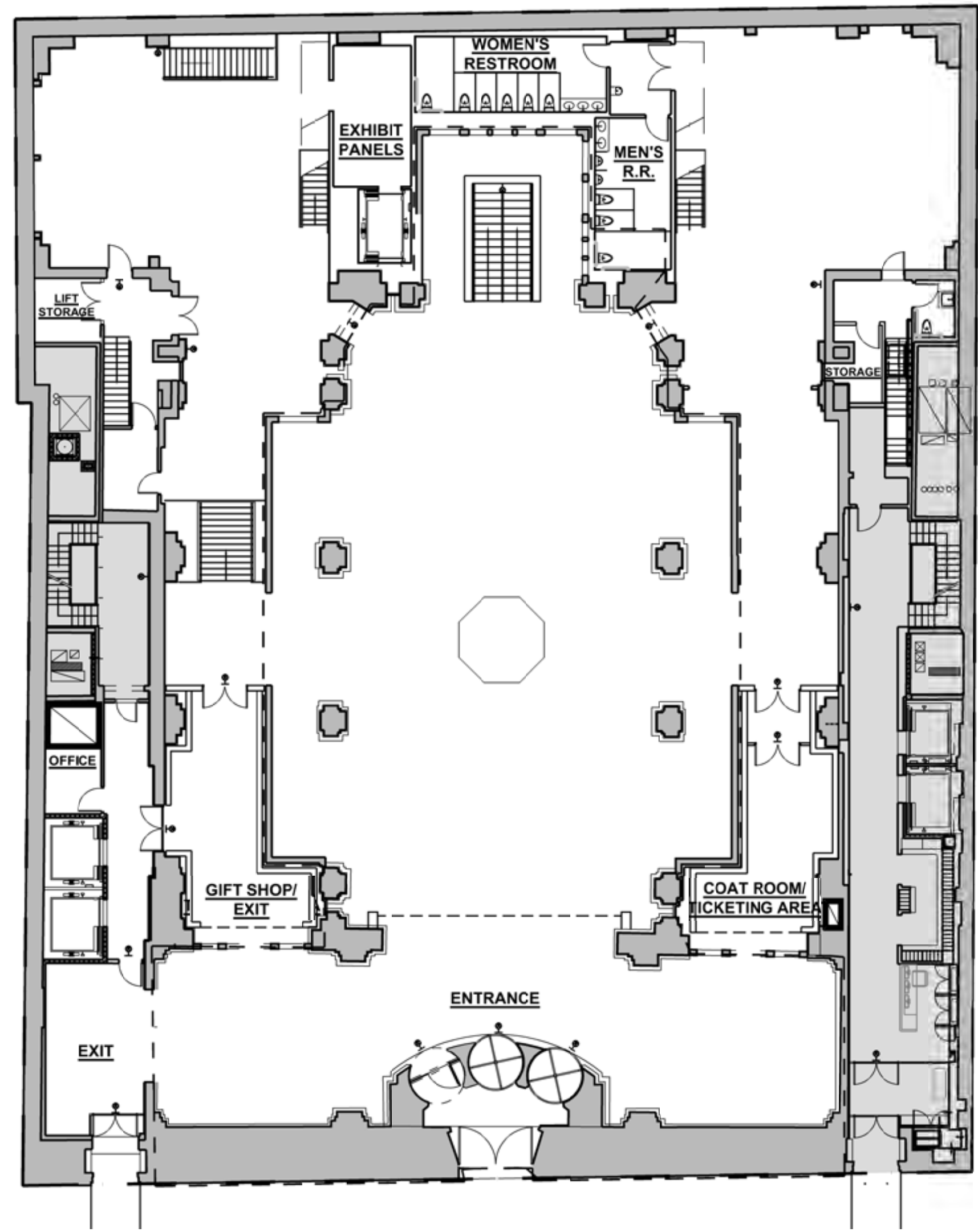




# 04.9 Plans - Ground Floor



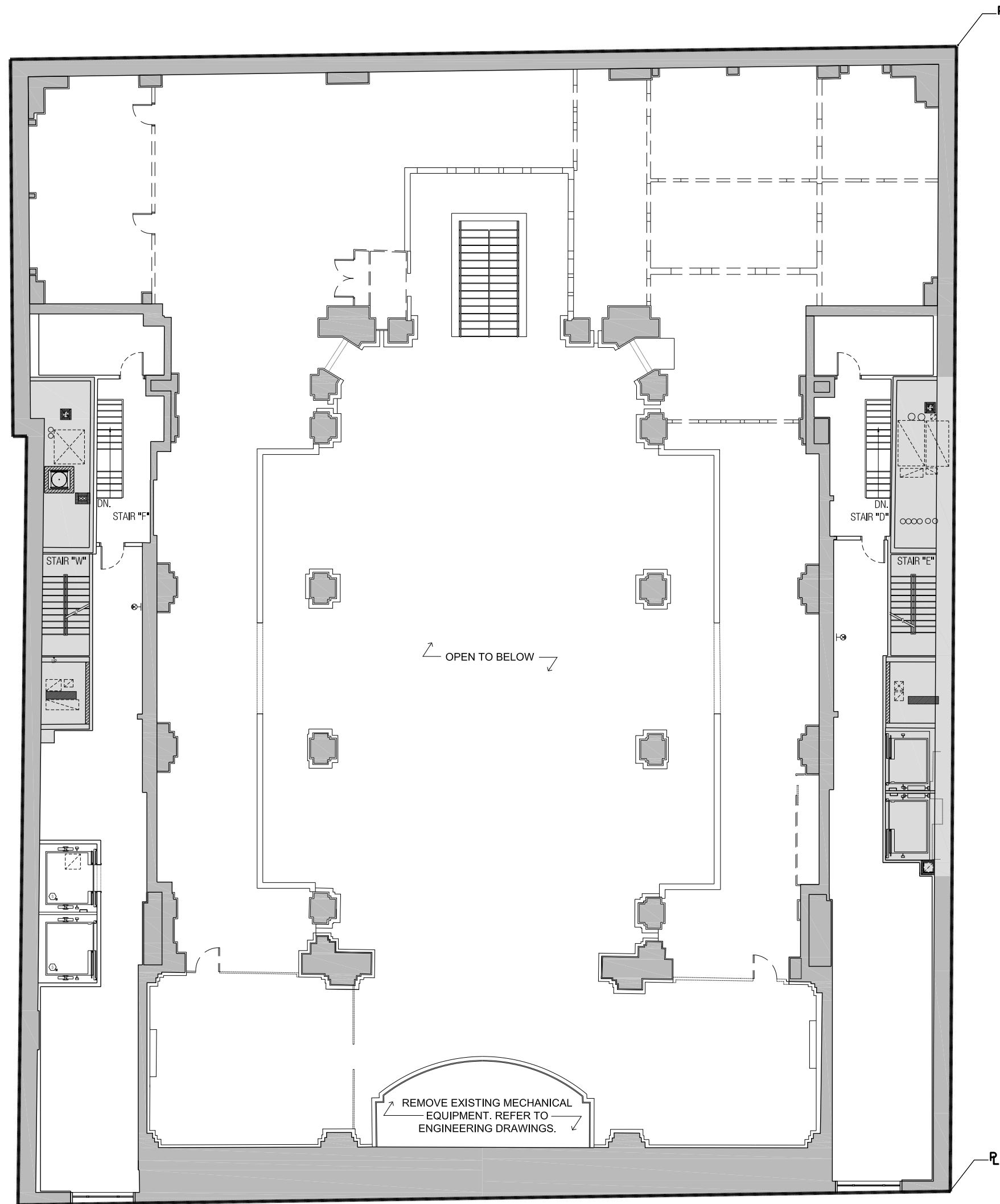
EXISTING GROUND FLOOR PLAN



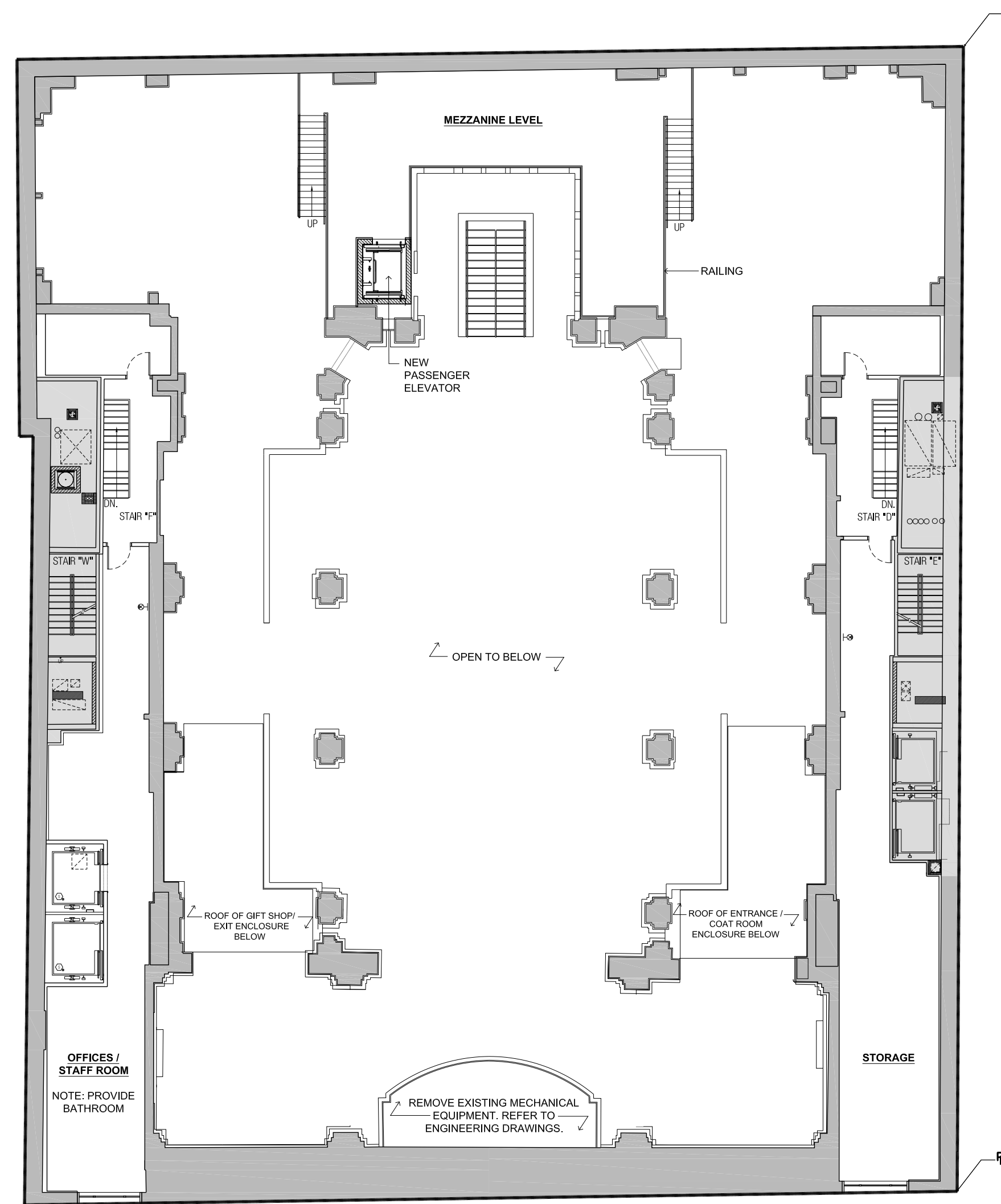
PROPOSED GROUND FLOOR PLAN



# 04.9 Plans - Mezzanine



EXISTING MEZZANINE PLAN



PROPOSED MEZZANINE PLAN



# 04.9 LED Embedded Handrails - Details

**LED PUCK**  
FRANCE
**Technical Datasheet**

---

**REFERENCE : PLSNAS0007**






16 mm



15 mm

---

**DESCRIPTION : Luminaire type LED PUCK SNAP**

LED luminaire to clips into a round handrail with a diameter between 35 and 60mm.  
Housing made of Stainless steel 316L.

Plan a 15mm diameter hole into support which has minimum thickness of 2.5mm and 16mm diameter counterbore on the outside (depth : 1,6mm). Without counterbored, the LED PUCK will be almost flush to the surface but with a protrusion. In this case, the support can have a thickness of 1,5mm.

**Safety:** At the end of the LED PUCK's lifetime (failure), the electrical continuity of the circuit is still maintained.

**Accessory :** 1 insertion tool is supplied per project

<b>LED :</b>		
Type :	White 2700K	<b>Finition :</b> inox
Power :	1,4W	<b>Lighting distribution :</b> Asymetrical SNAP
Lifetime :	50.000 h (L90B50)	<b>IP protection :</b> IP66
CRI :	> 80	<b>IK :</b> IK10
Efficiency :	100,4 lm/W	
<b>Control gear :</b>		
LED driver has to be ordered separately		
<b>Electrical connection :</b>		
Equipped with approx. 10cm long cable and IP connectors for cable with an output diameter max. of 2,85mm, section 0,5mm²		 





## 01.7

HALL DES LUMIÈRES

Interior lighting design

## L6 | HIGHLIGHTING THE GRIDS OF THE BANK TELLERS

We have two opportunities to enlight the grids of the bank tellers :

- a reuse of the existing metal cases luminaires with the addition of LED bar luminaires
- a mounting of LED bars on adjustable brackets

Those two options have to be tested on-site.

Quantity : 1 150" lenght

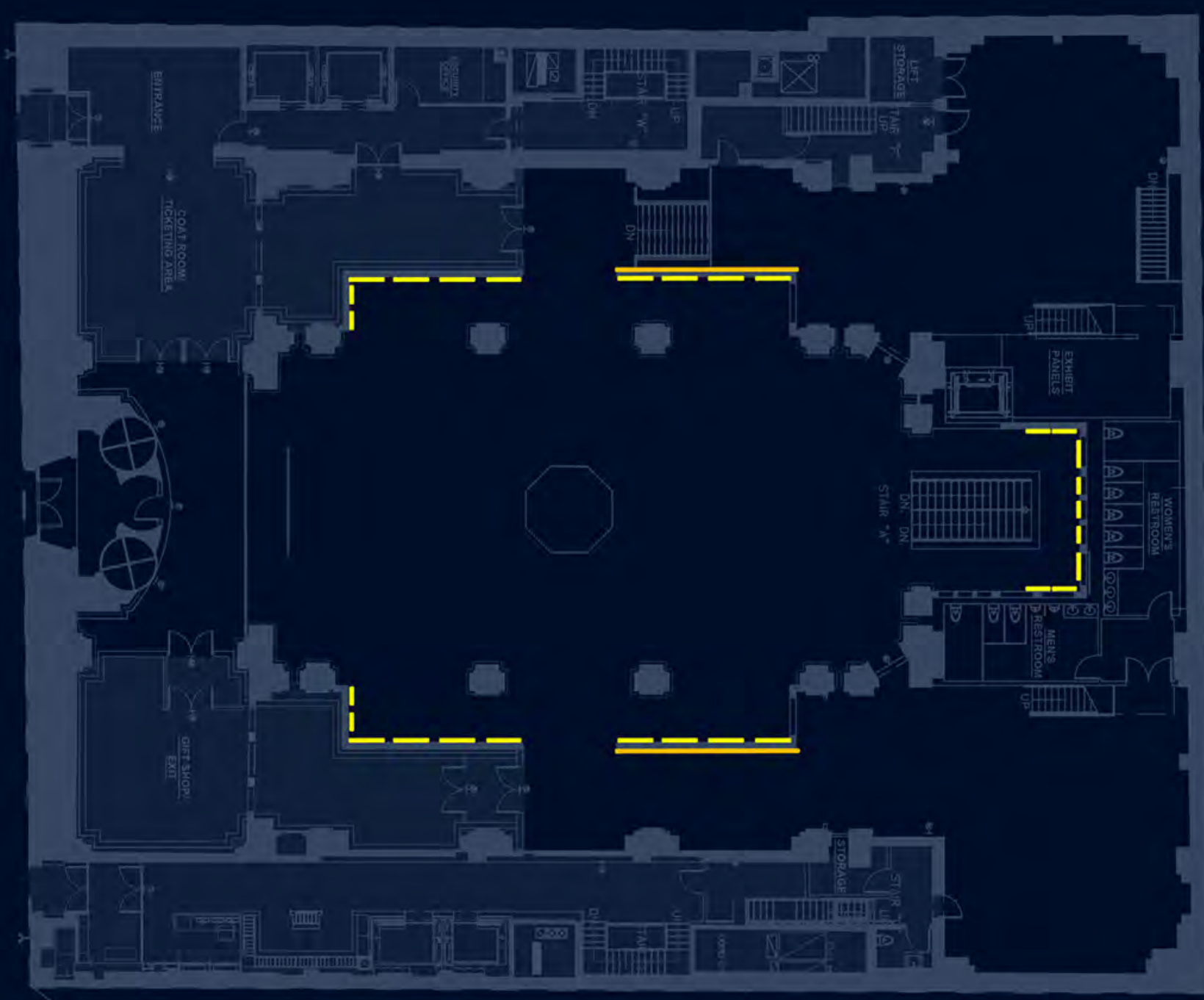
Supplier: KKDC or equivalent

Device type: LiNi-S Glow 209

12,6mm x 14mm x variable length (0,5" x 0,55" x var. length) - 0,10lb/ ft - 41lm/W- 7,5W/ft

Color : white 3000K

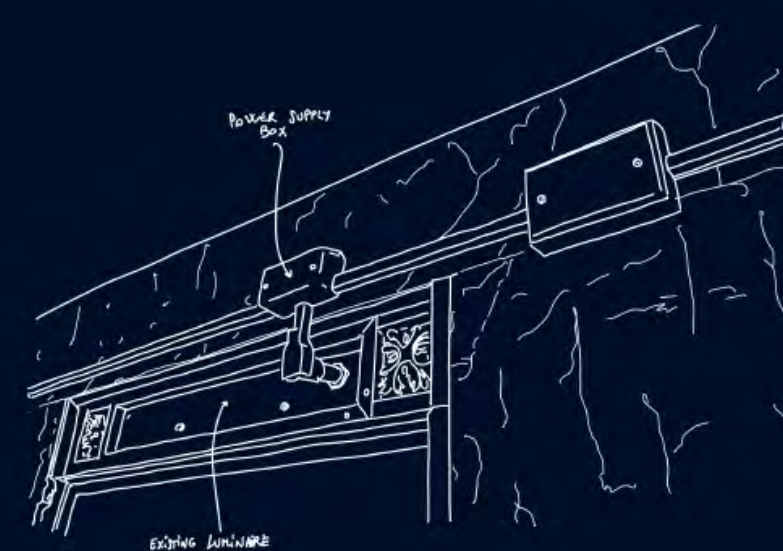
Control System: DALI



Layout

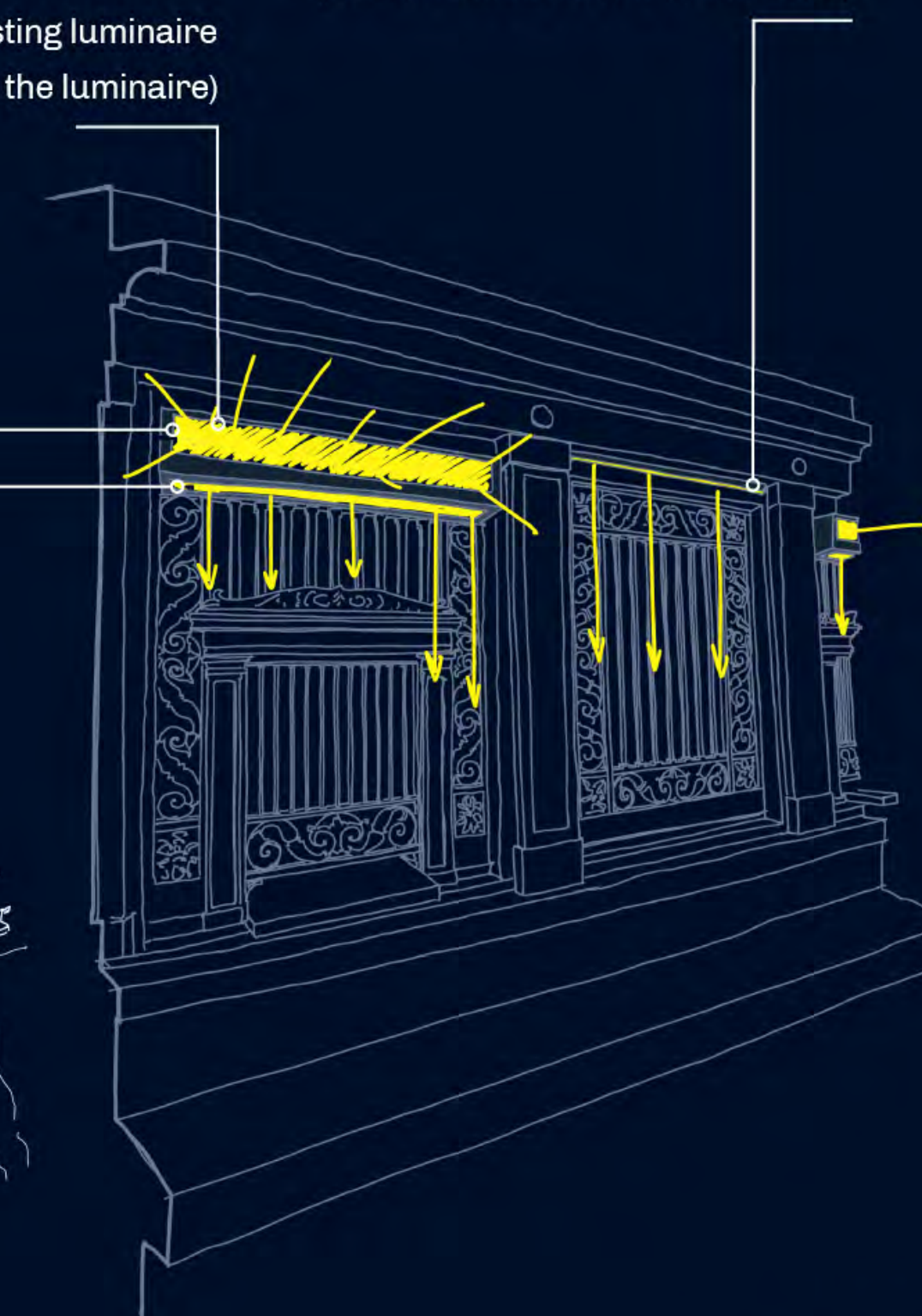
Bank teller with existing luminaire  
(LED line added in the luminaire)

Front glass  
Bottom glass



Existing power supply system - back view

Bank teller without existing luminaire  
(LED line added on the frame soffit)



Implantation



The current proposal is:

**Preservation Department – Item 1, LPC-20-08010**

**49-51 Chambers Street,**

**Borough of Manhattan**

Note: this is a Public Meeting item. No public testimony will be received today as the hearing on this item is closed