

TOBIN CENTER FOR THE PERFORMING ARTS



Laura Ashley A. Alferes | Lighting Schematic Design Presentation | 12.09.13

STATISTICS

Name: Tobin Center for the Performing Arts

Location: San Antonio, TX

Size: 172,970 sf

Levels: 6 + 1 basement

PROJECT TEAM

Architect of Record: LMN Architects

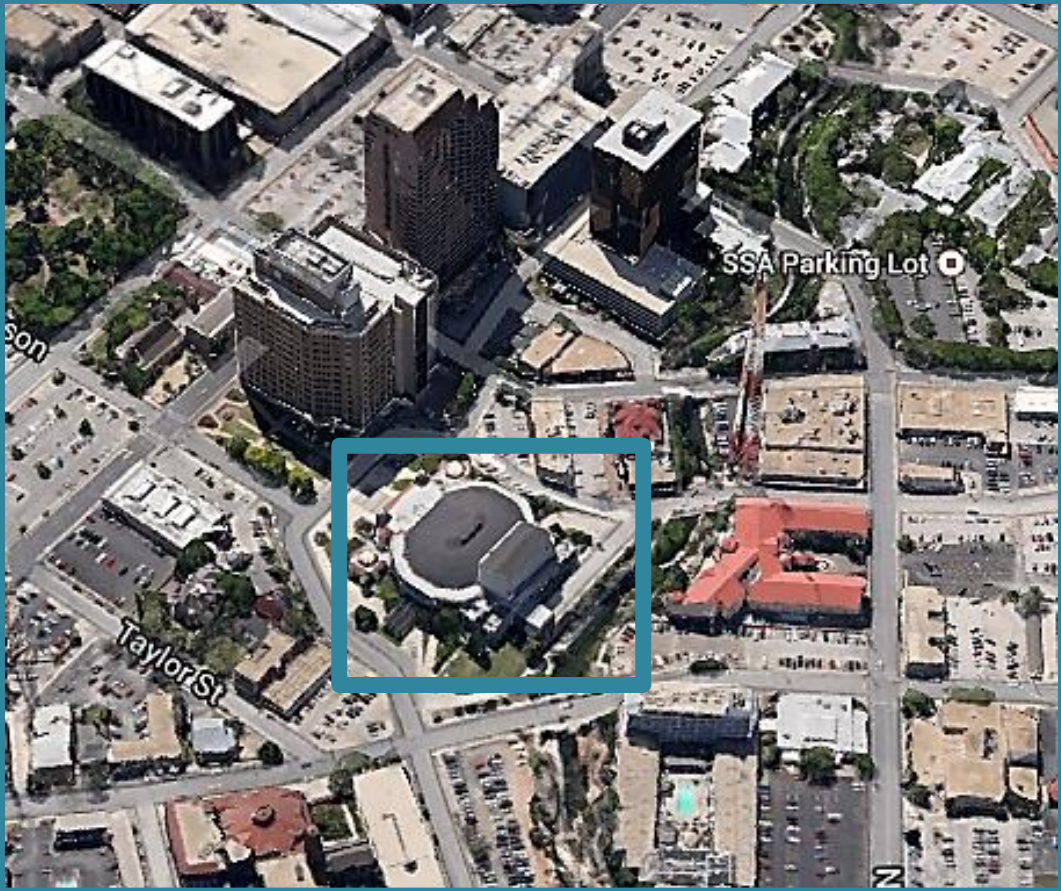
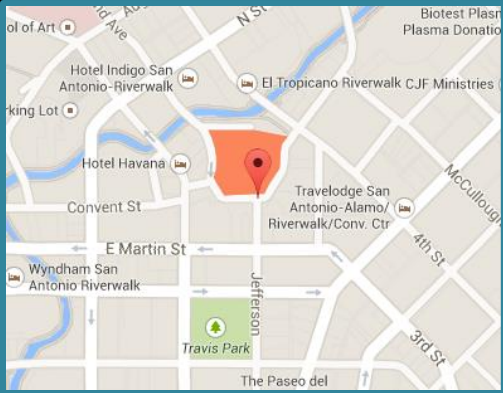
Construction Manager: Linbeck

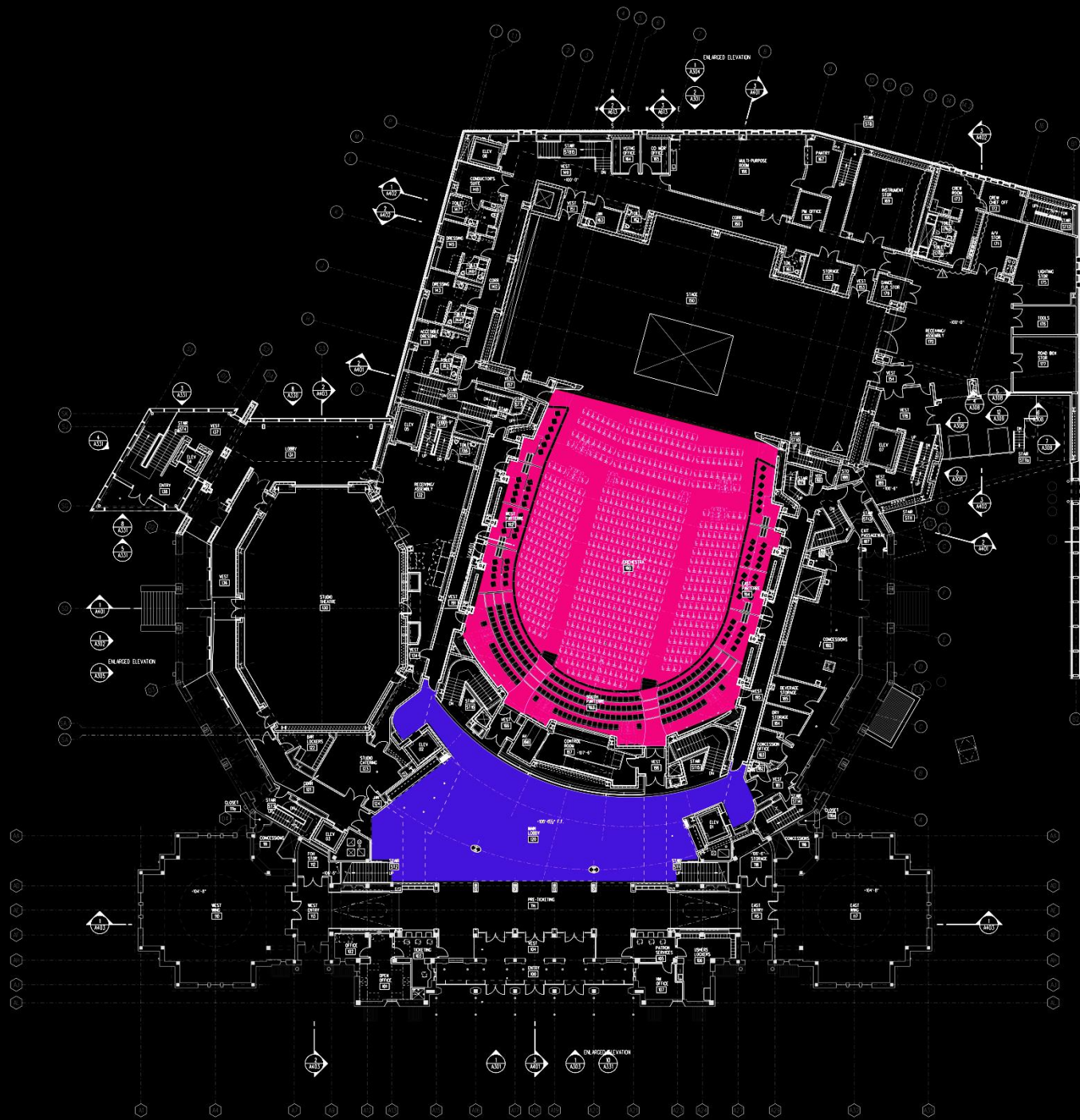
MEP: Timmons Designer Engineers, TTG Goetting

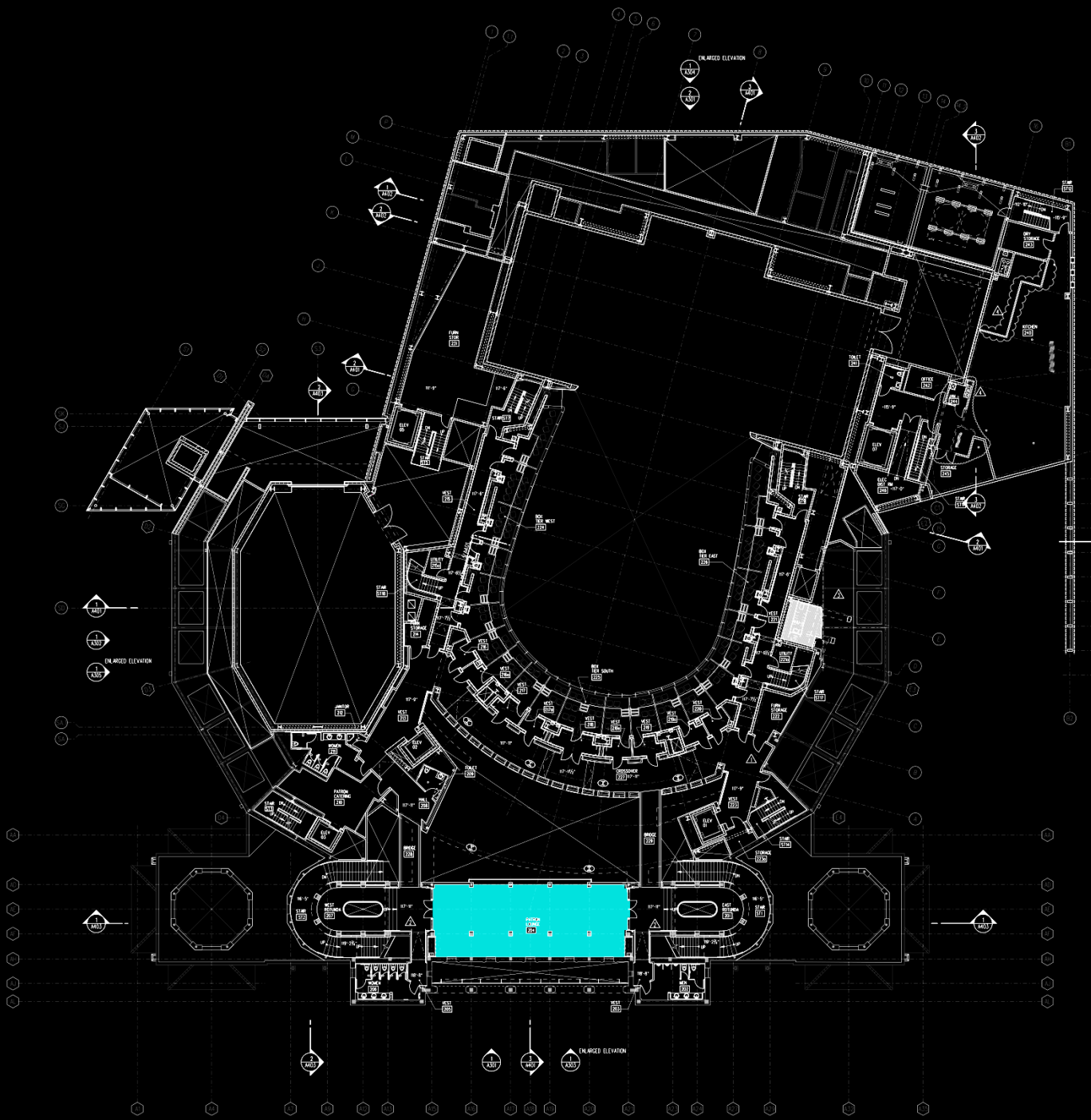
Lighting Designer: Horton Lees Brogden, Inc.

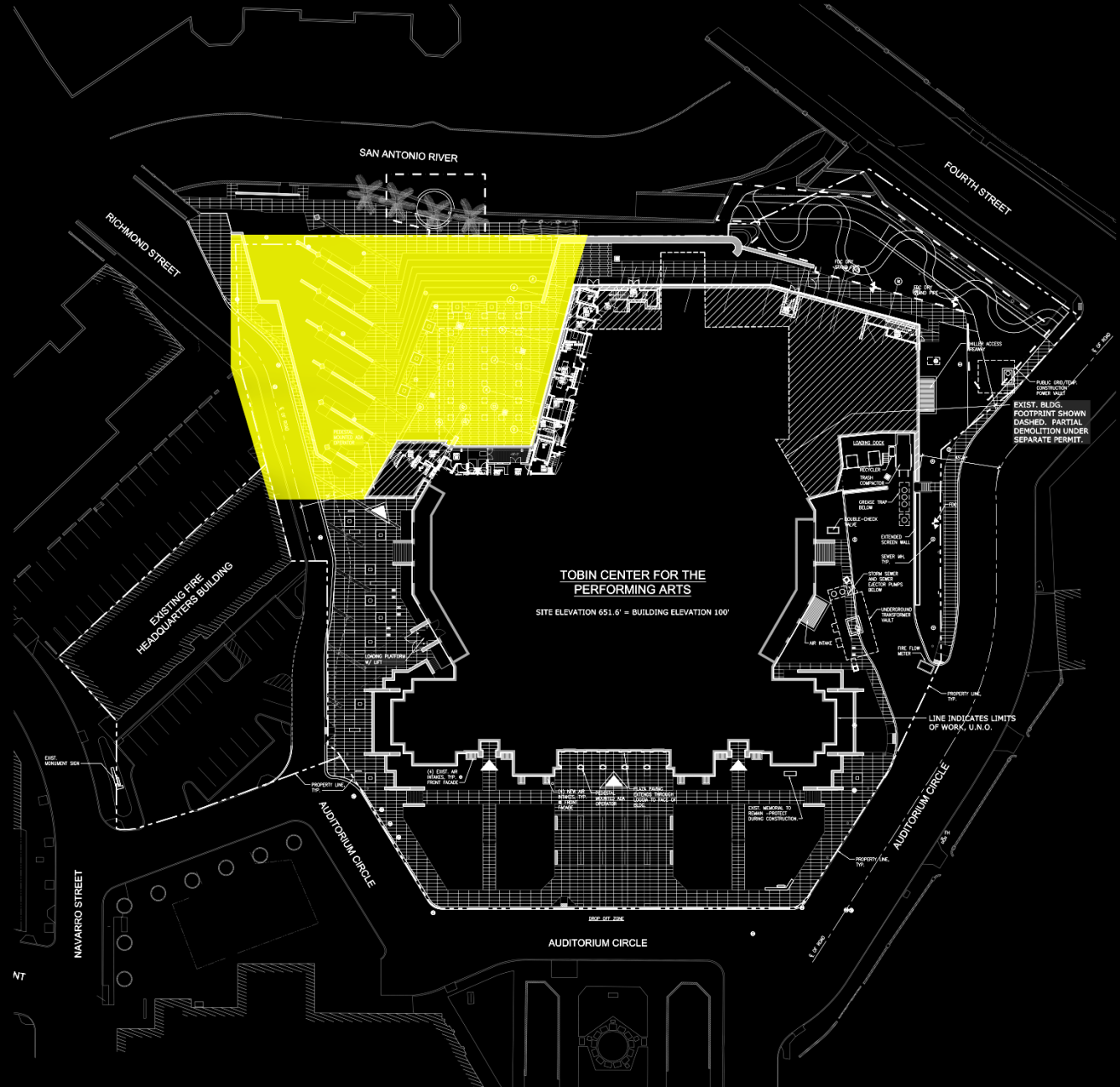


SAN ANTONIO, TX









SAN ANTONIO RIVER

FOURTH STREET

RICHMOND STREET

TOBIN CENTER FOR THE PERFORMING ARTS

SITE ELEVATION 651.6' = BUILDING ELEVATION 100'

EXISTING FIRE HEADQUARTERS BUILDING

EXIST. BLDG. FOOTPRINT SHOWN DASHED. PARTIAL DEMOLITION UNDER SEPARATE PERMIT.

EXIST. WAREHOUSE SCK

NAVARRO STREET

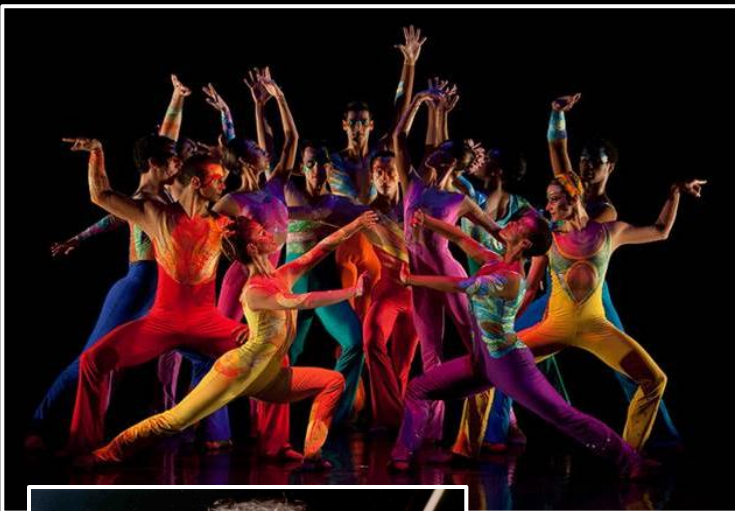
AUDITORIUM CIRCLE

AUDITORIUM CIRCLE

AUDITORIUM CIRCLE

NT





community

engage

EMBRACE THE ARTS

awaken
expression

dialogue

intercultural



The image shows a detailed architectural floor plan of a building, rendered in a light gray color against a dark background. The plan features a central area with a large, irregular shape, which is highlighted in a solid purple color. This highlighted area is located in the lower-middle portion of the overall floor plan. The rest of the plan shows various rooms, corridors, and structural elements. The text 'MAIN LOBBY' is overlaid in large, white, bold, sans-serif capital letters across the center of the image, partially overlapping the purple highlight and the floor plan lines.

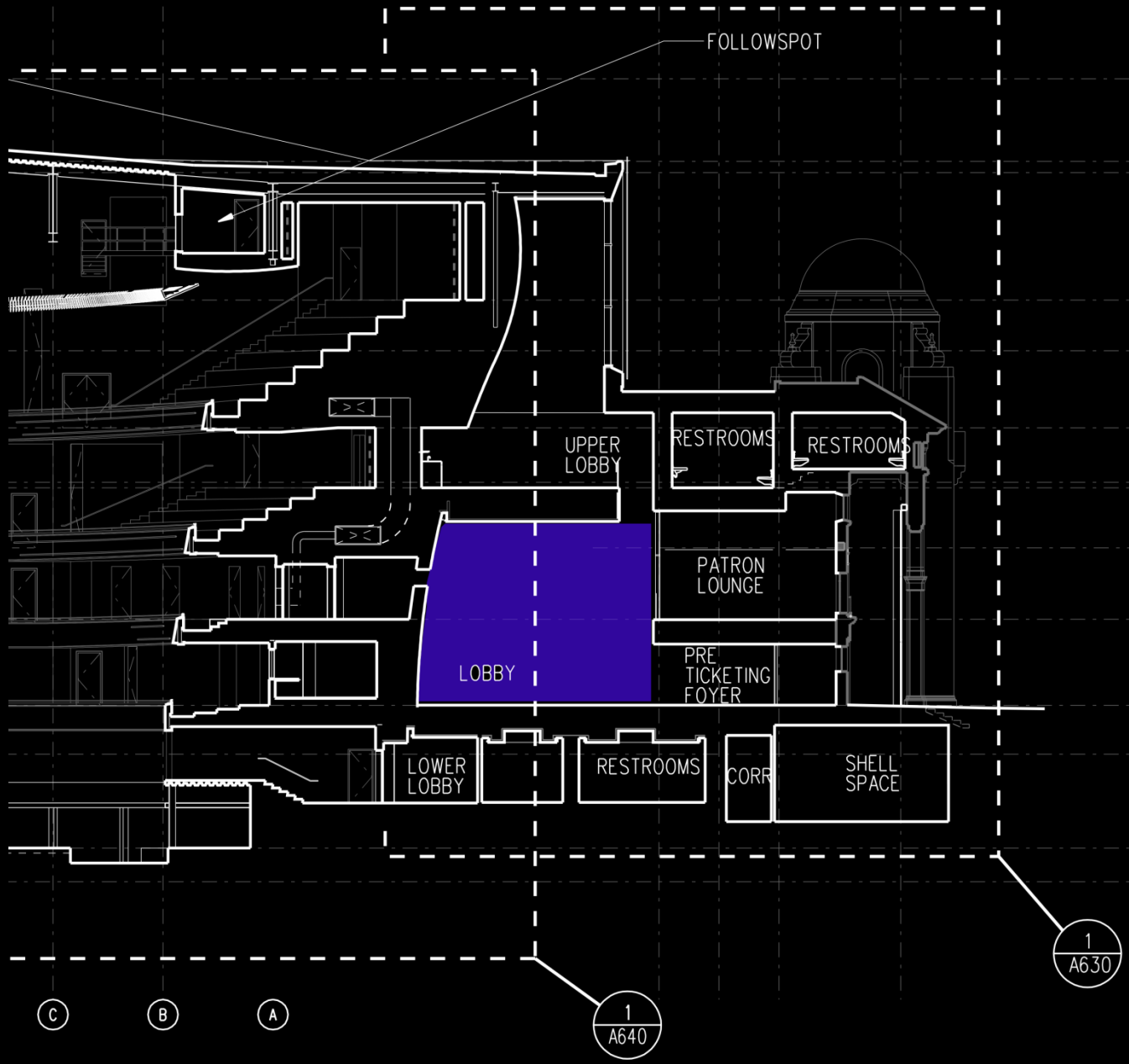
MAIN LOBBY

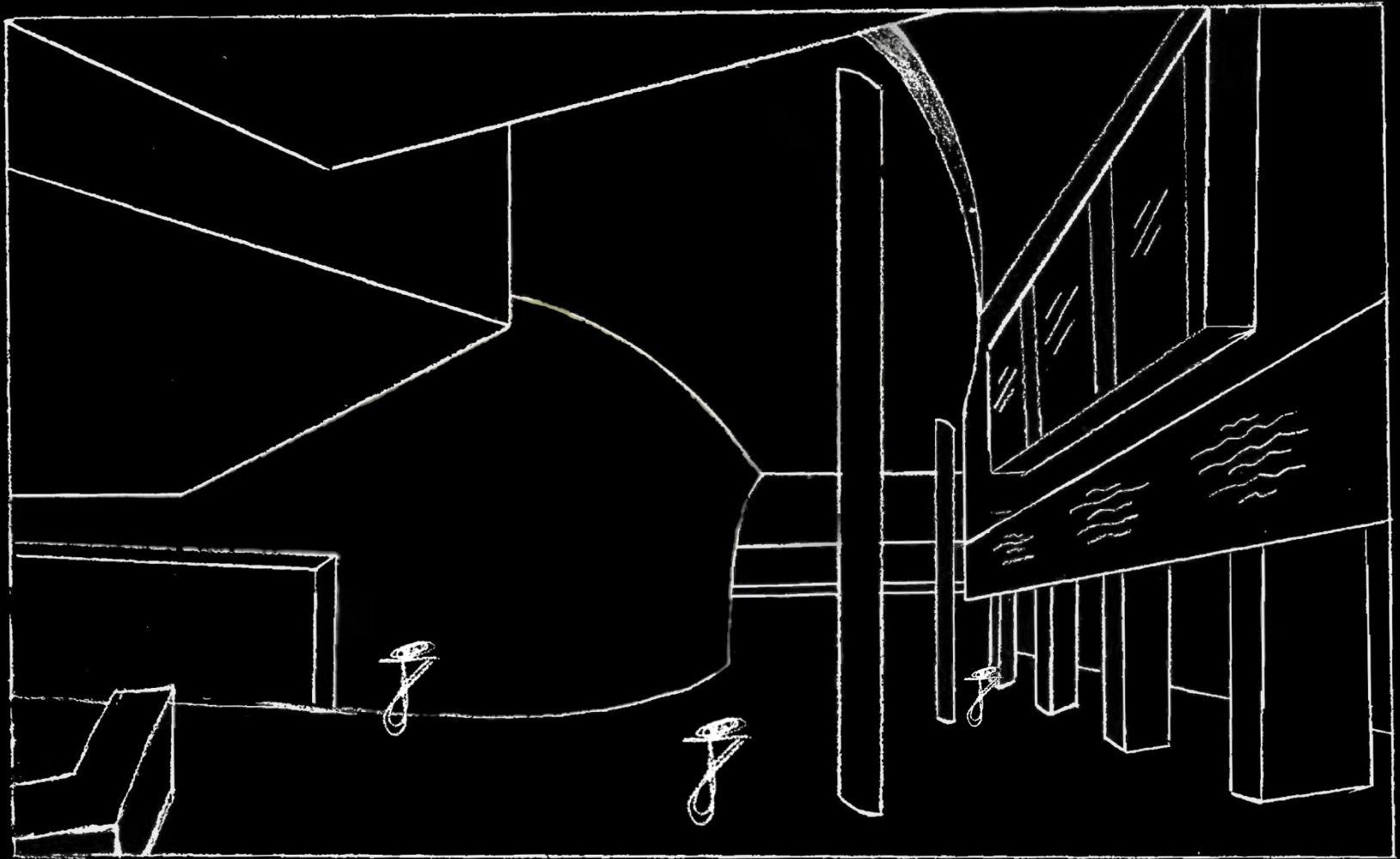
DESIGN CRITERIA

The background of the slide is a dark, semi-transparent architectural floor plan of a building. A specific area in the lower-middle part of the plan is highlighted with a solid purple color. The overall aesthetic is technical and architectural.

- Engaging & Welcoming
- Random Circulation & Socializing
- Dimming Capability
- $E_h = 100 \text{ lux @ fl}$
- $E_v = 30 \text{ lux @ 5ft AFF}$







MAIN LOBBY - MASTER SKETCH "PERSPECTIVE"

I. THEATER



SCENE

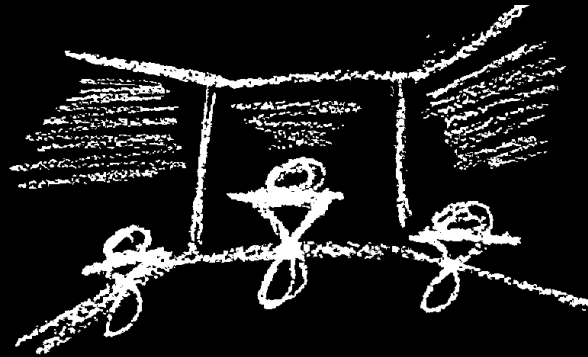
Performing Art

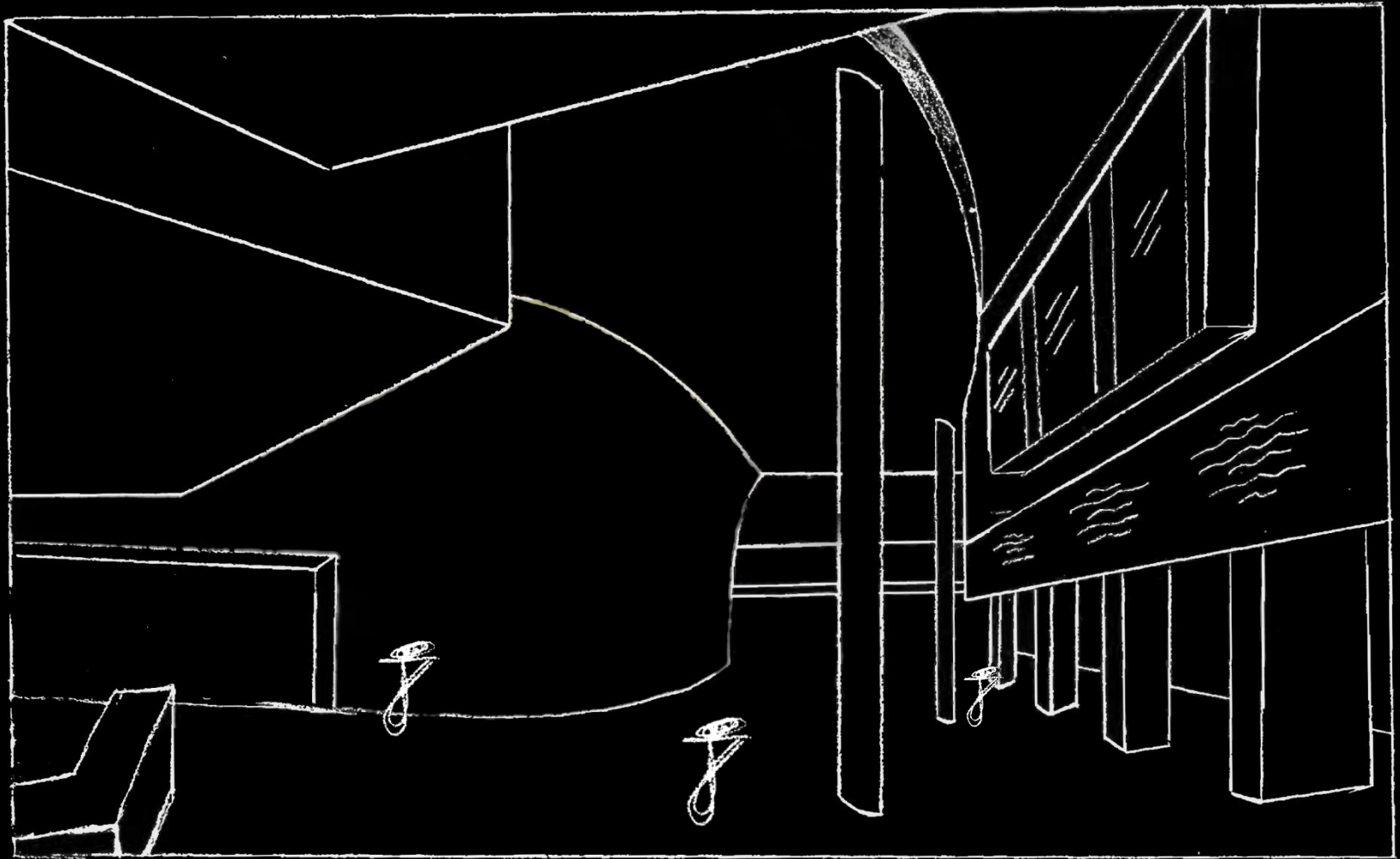
Scenes in theater

• dramatic

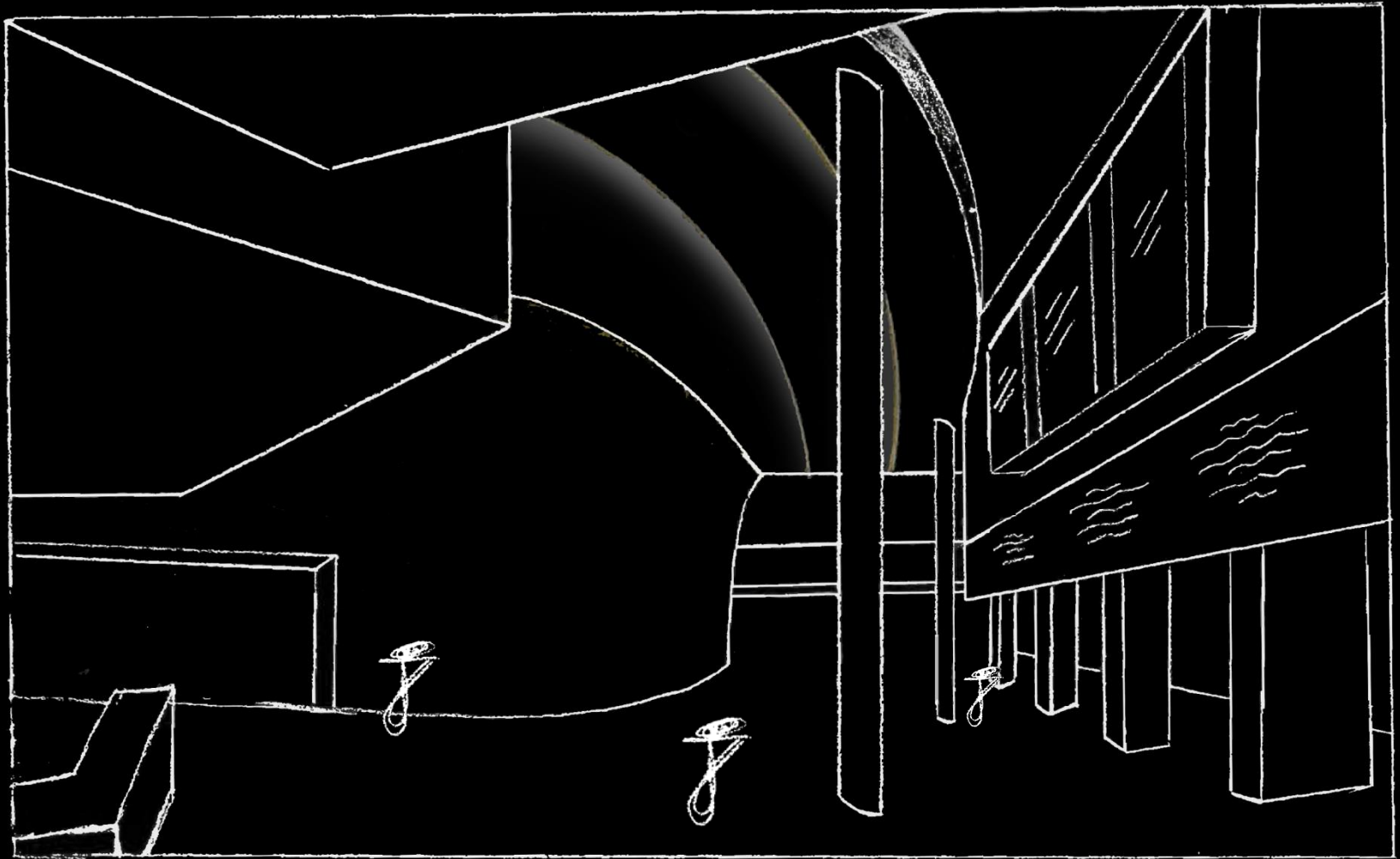
• characters → patrons/public

• space set as scene

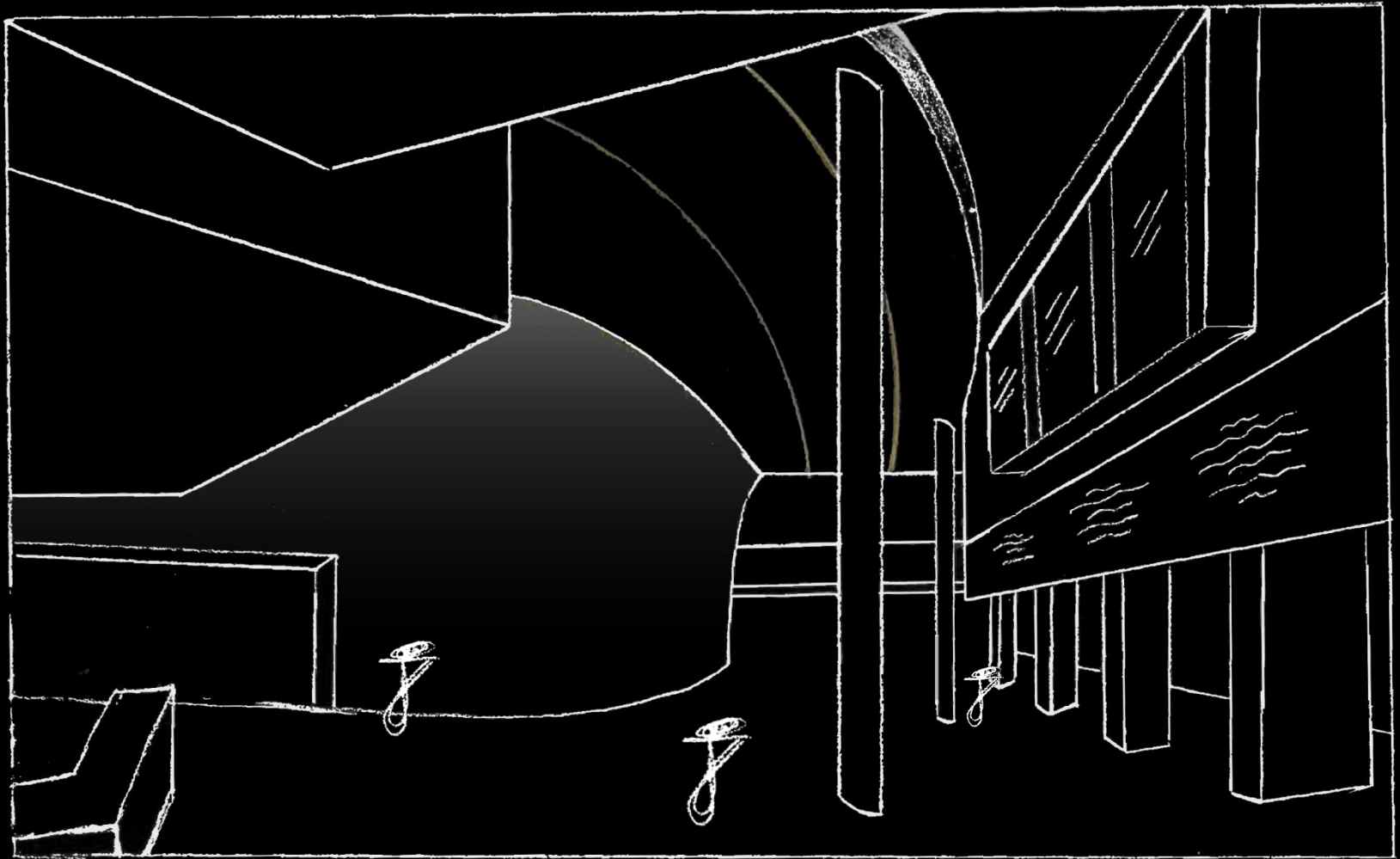




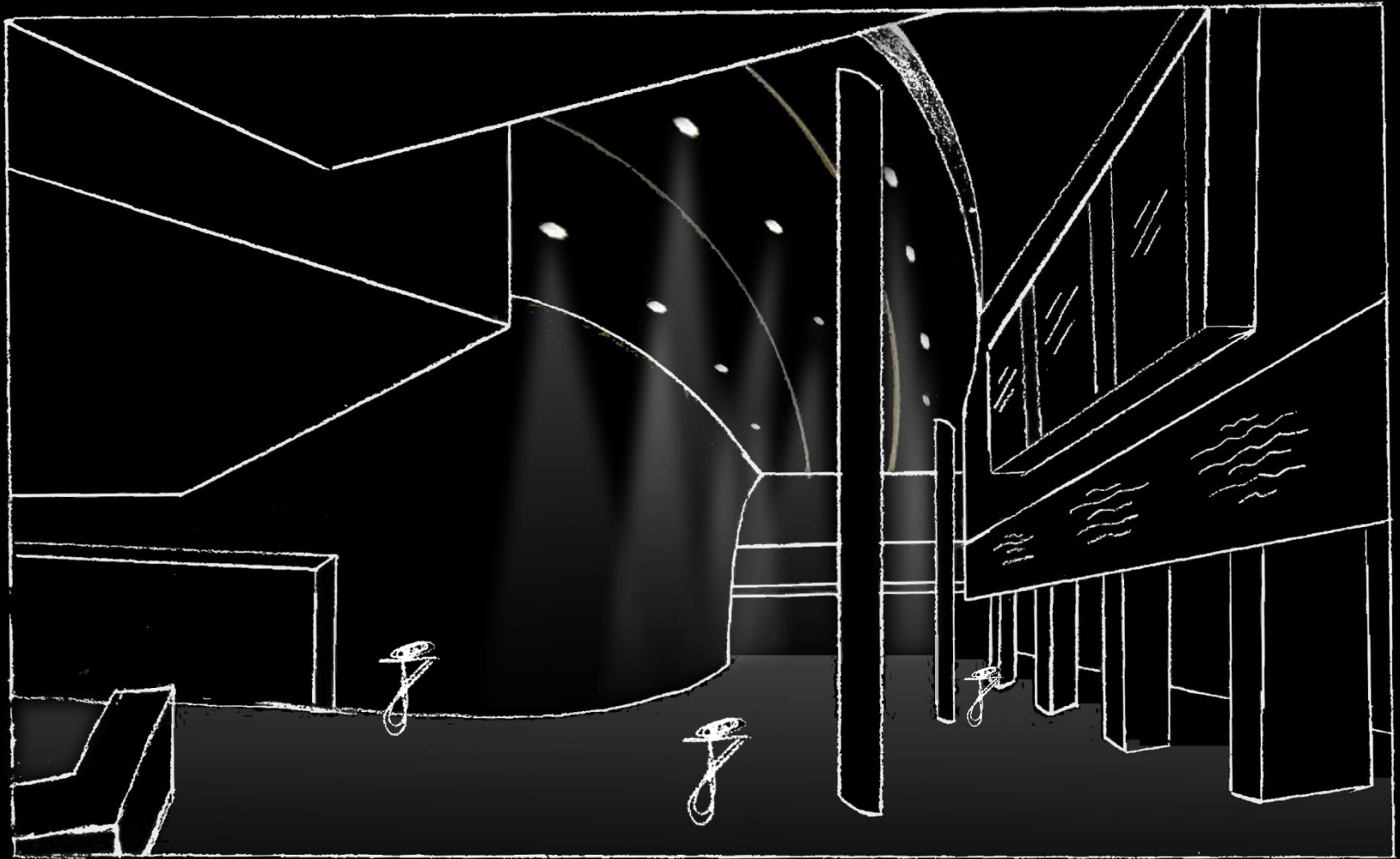
MAIN LOBBY - MASTER SKETCH "PERSPECTIVE"



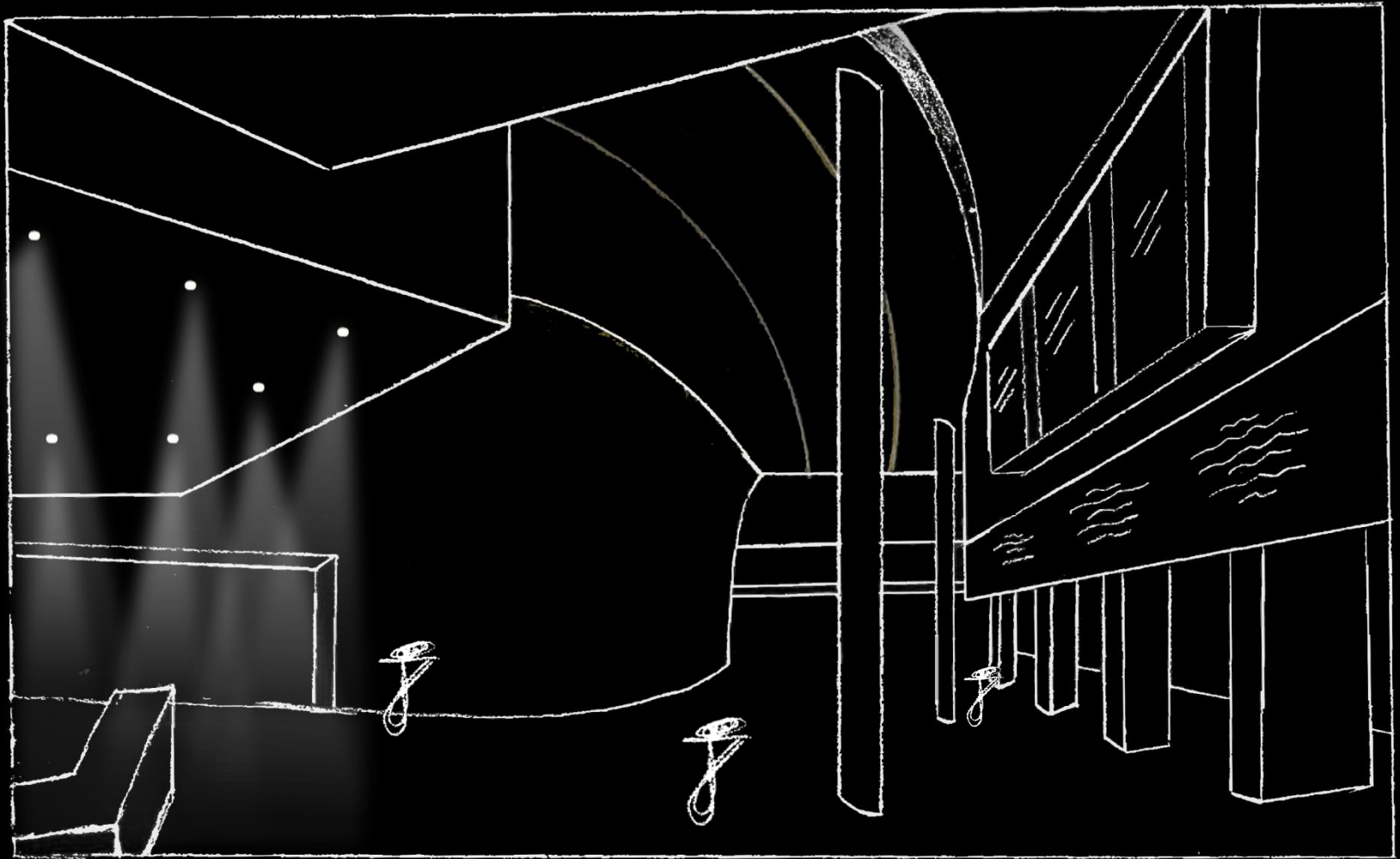
MAIN LOBBY - MASTER SKETCH "PERSPECTIVE"



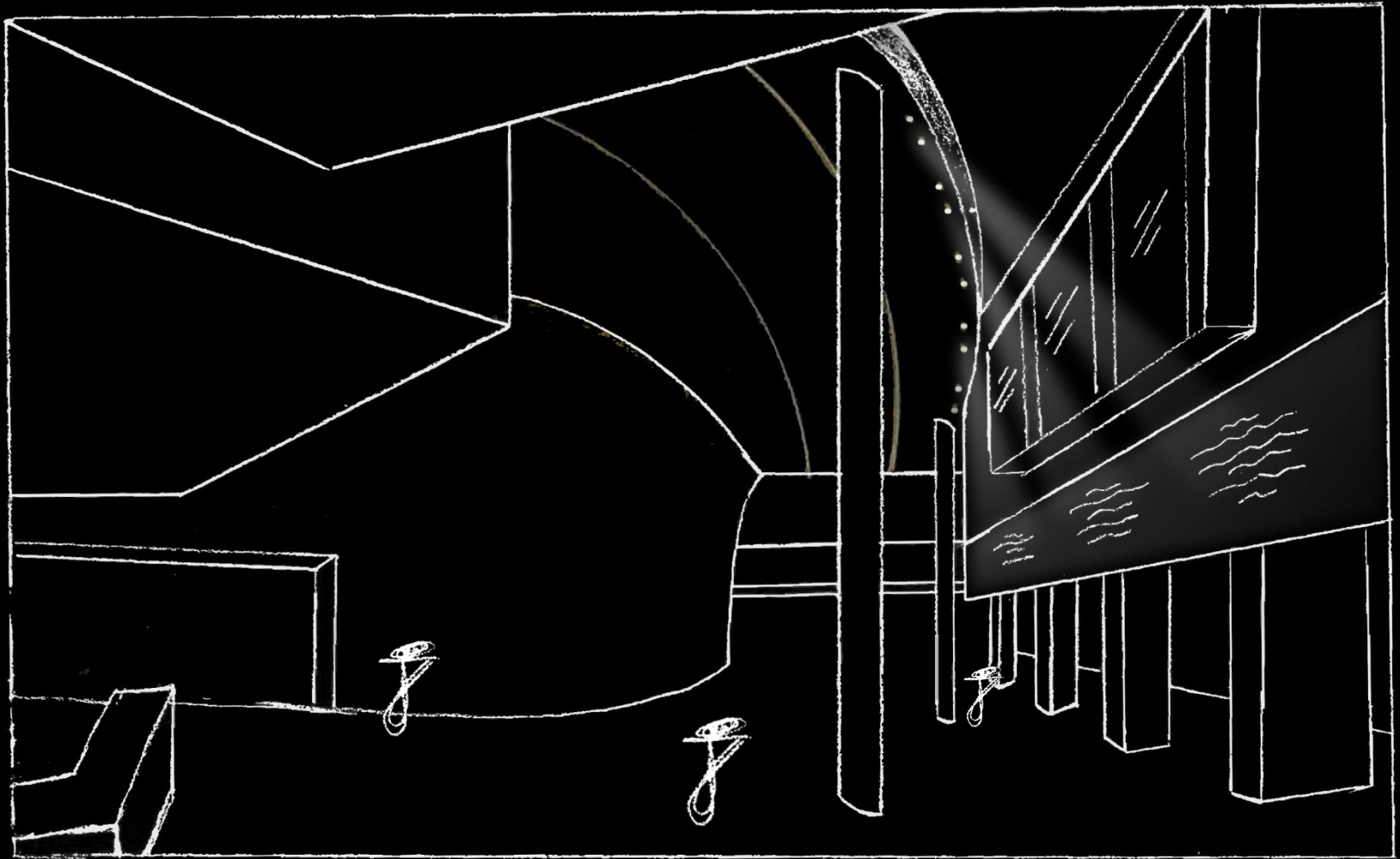
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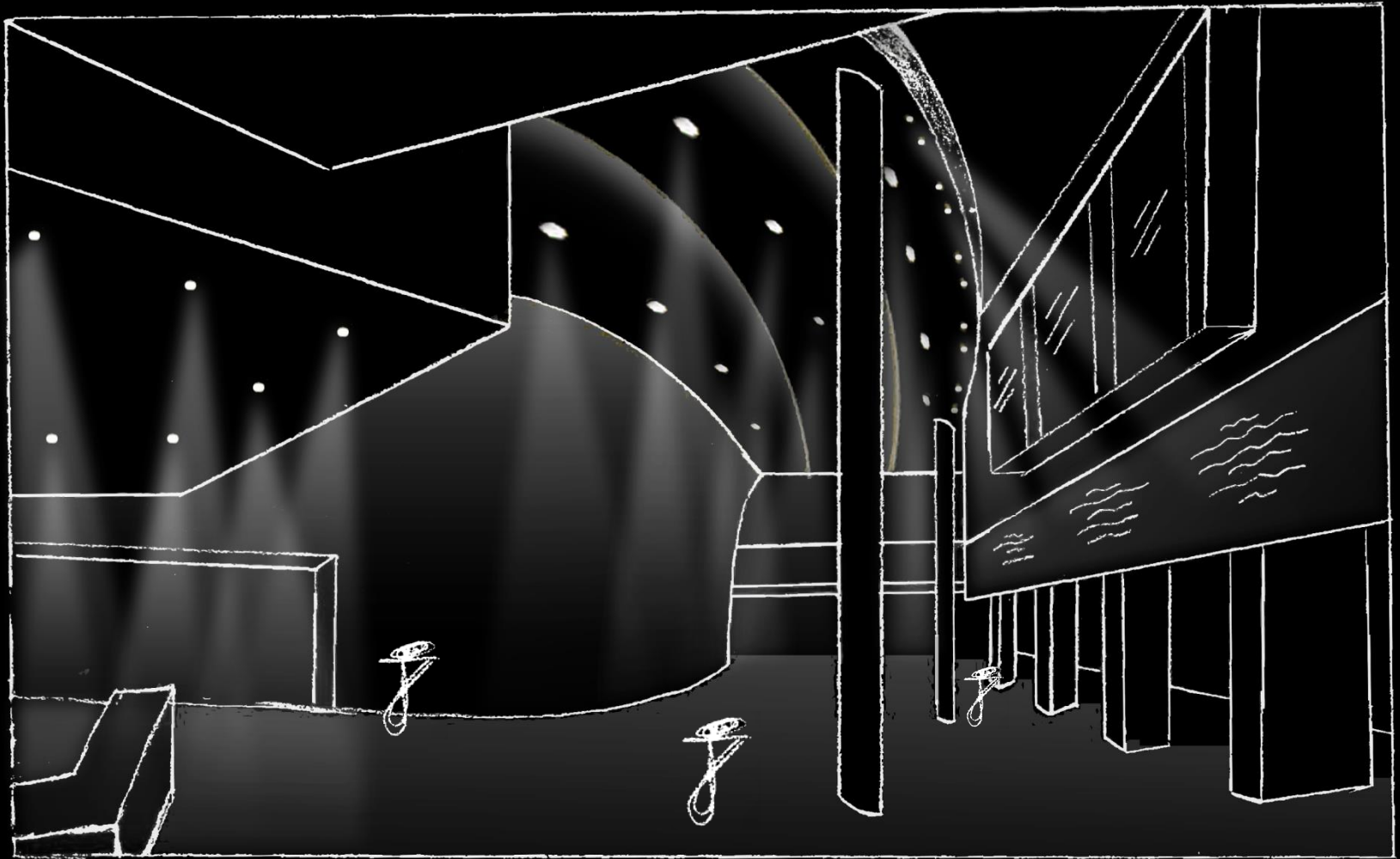
MAIN LOBBY - MASTER SKETCH "PERSPECTIVE"



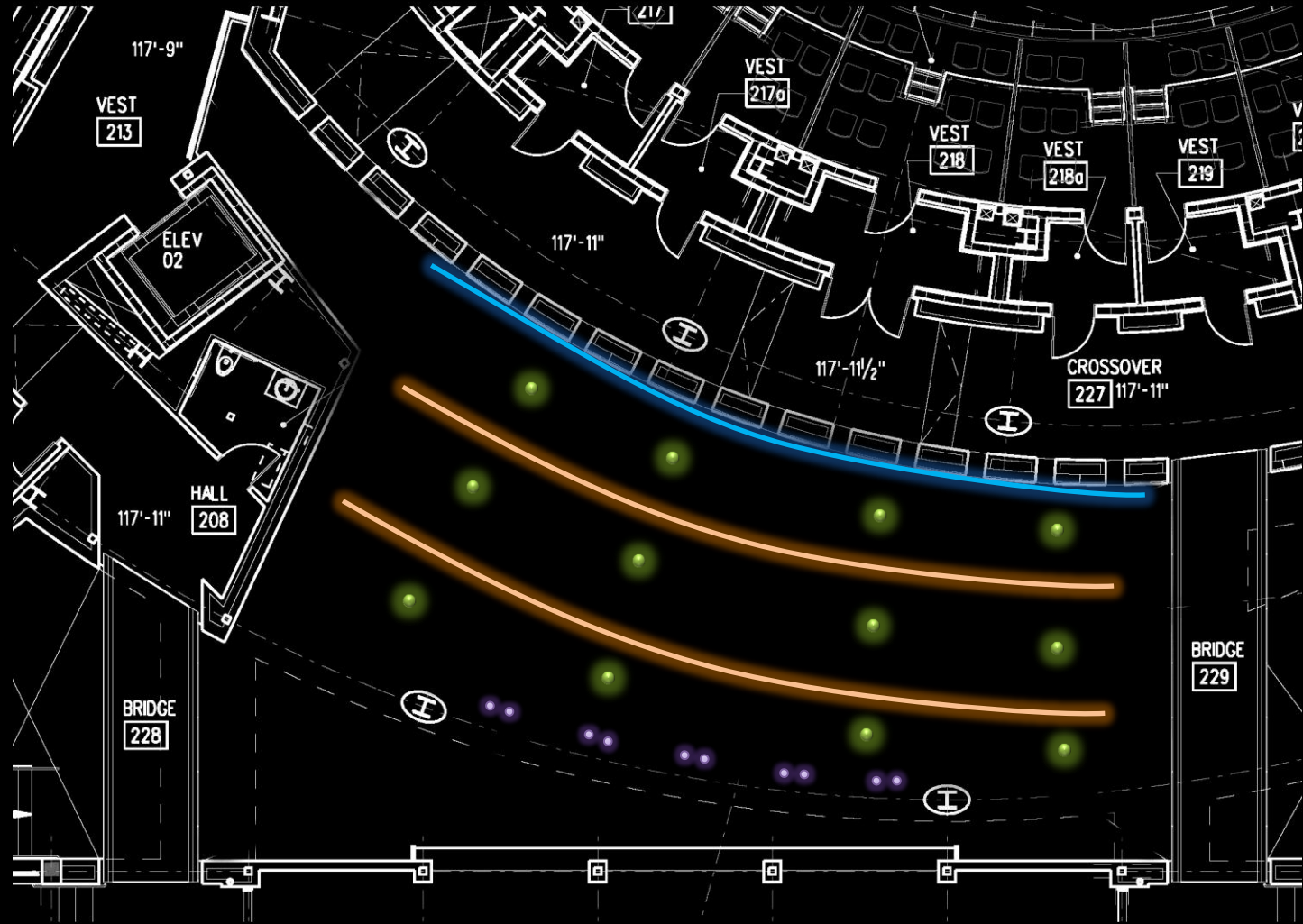
MAIN LOBBY - MASTER SKETCH "PERSPECTIVE"

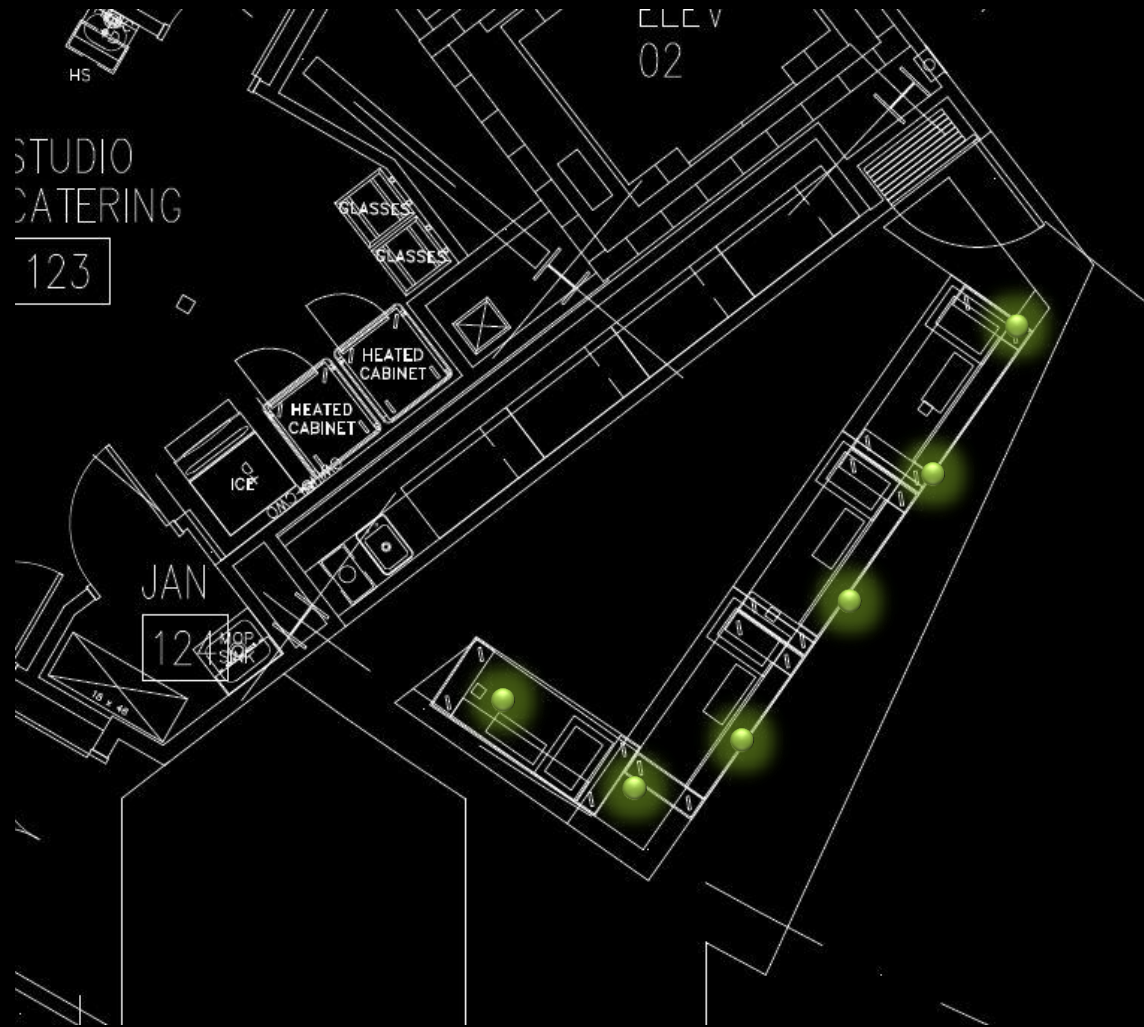


MAIN LOBBY - MASTER SKETCH "PERSPECTIVE"



MAIN LOBBY - MASTER SKETCH "PERSPECTIVE"





II. MUSIC

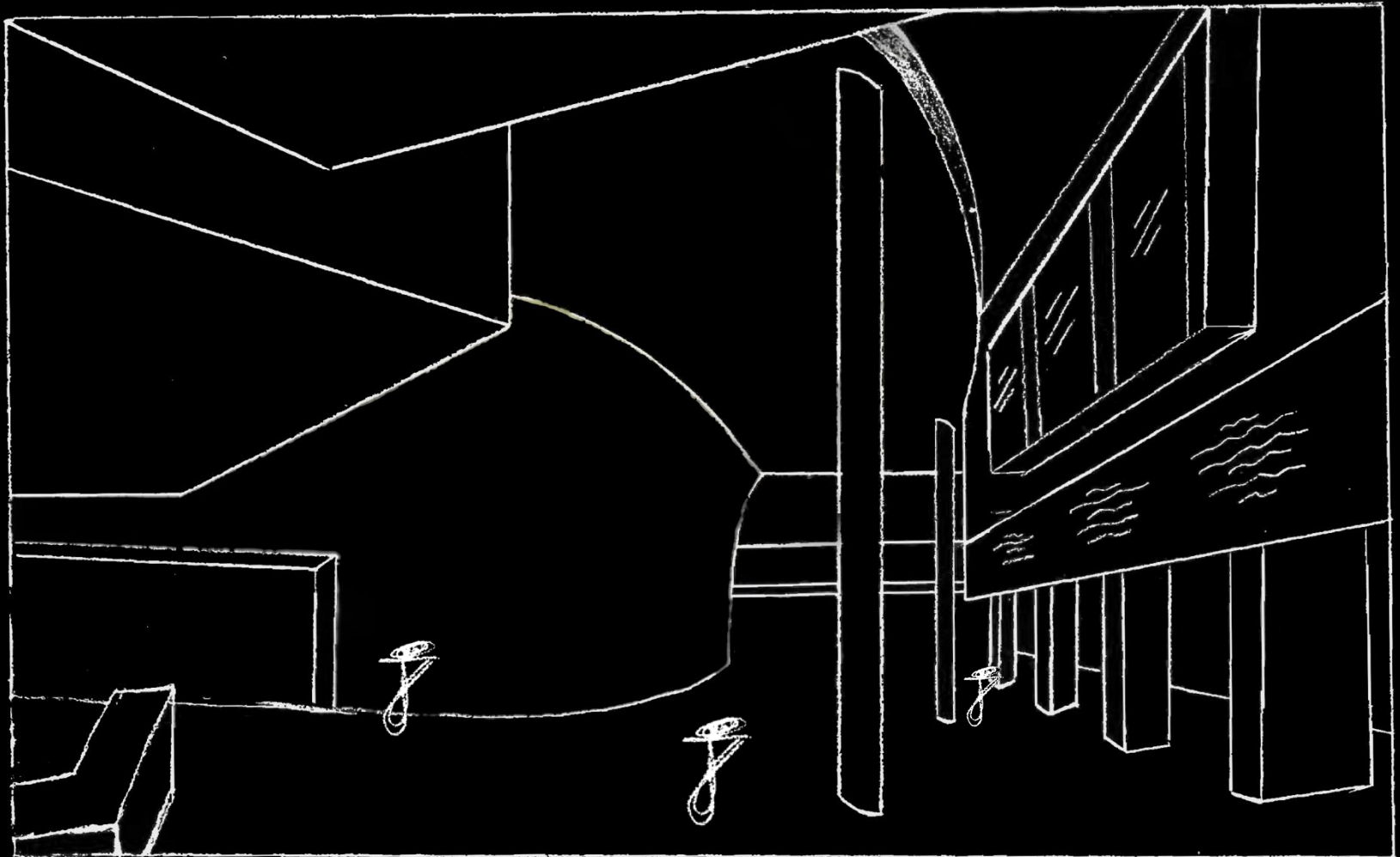


STRUCTURE

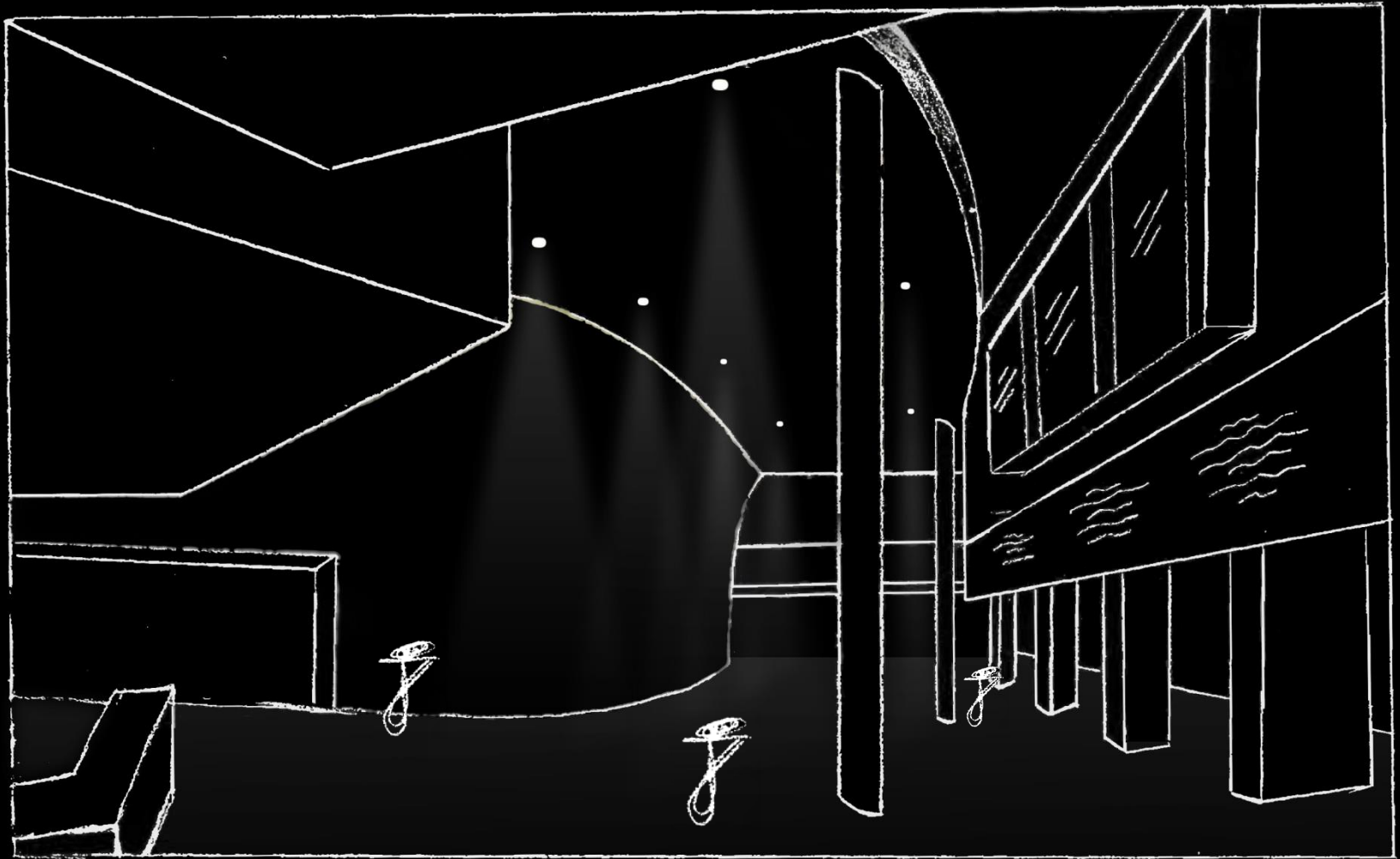
MUSICAL NOTES

- body
- stem
- melody
- harmony

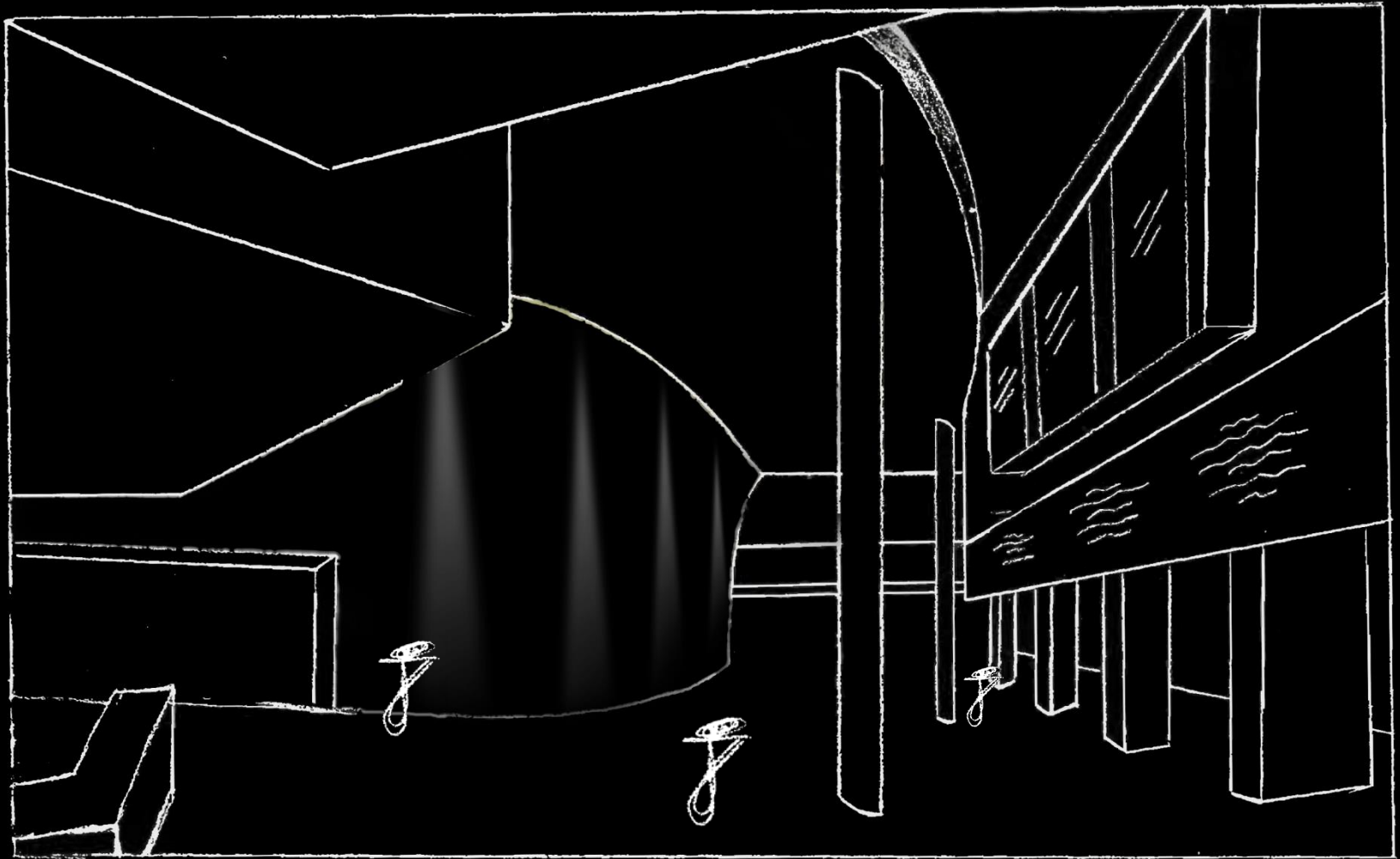




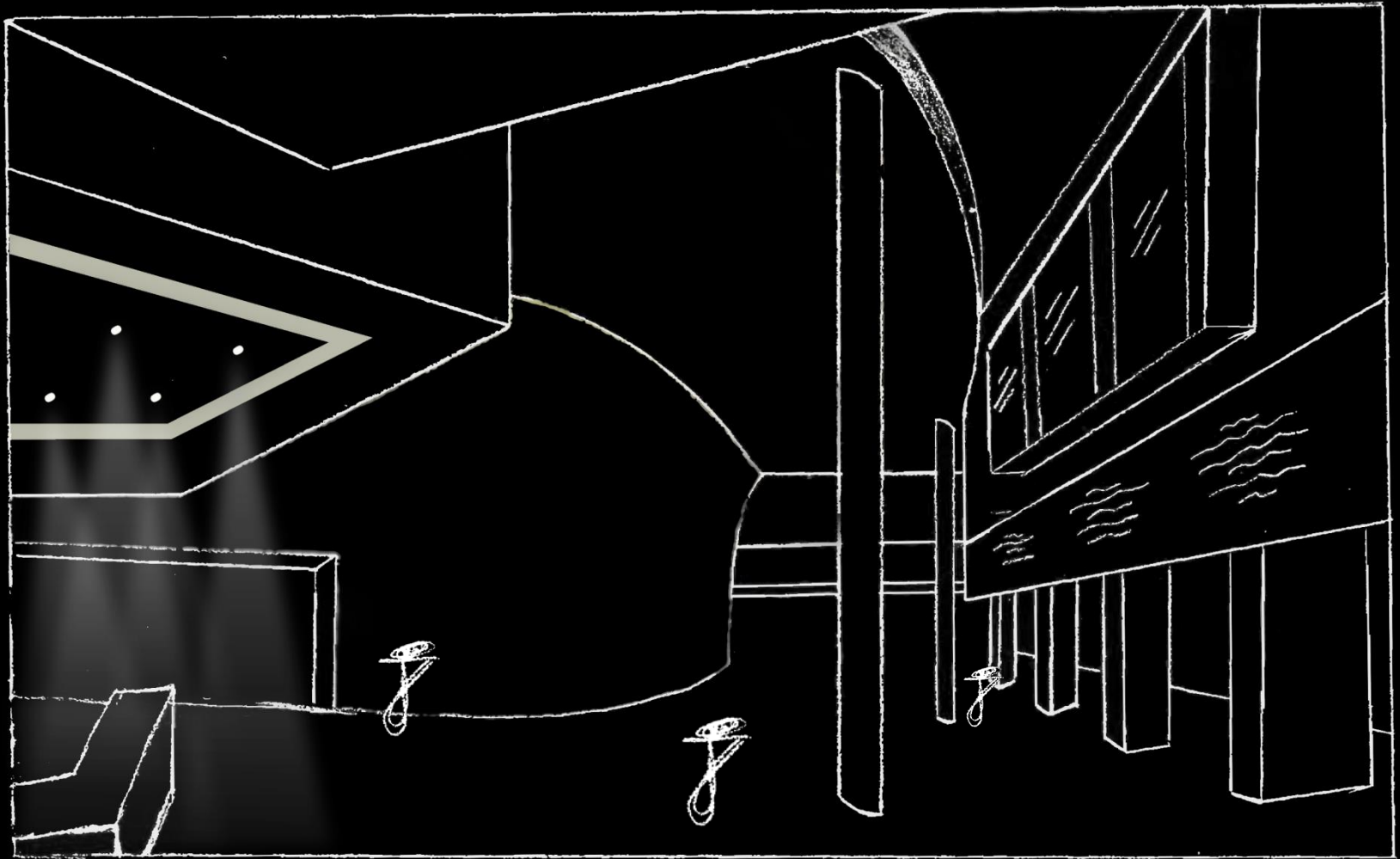
MAIN LOBBY - MASTER SKETCH "PERSPECTIVE"



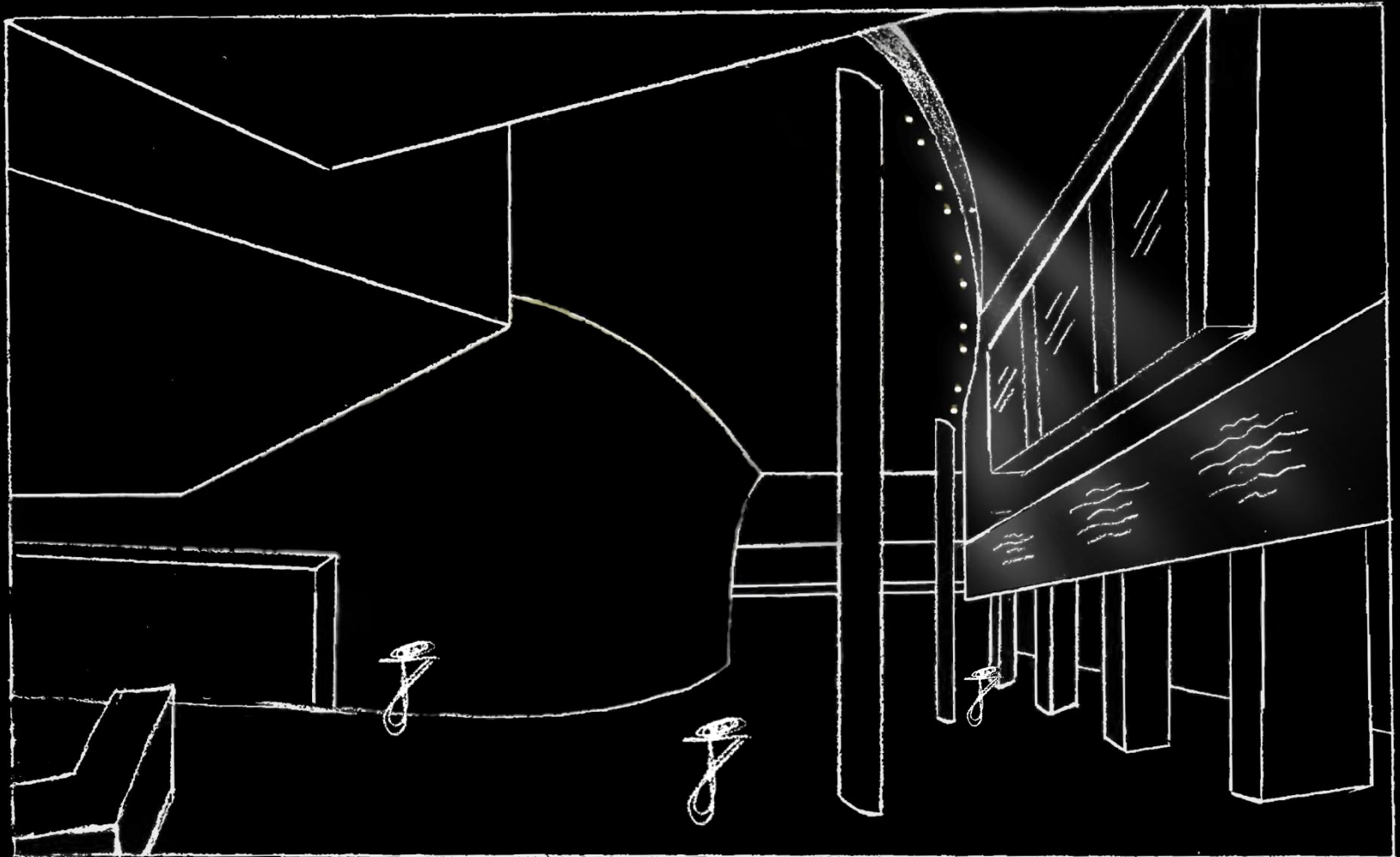
MAIN LOBBY - MASTER SKETCH "PERSPECTIVE"



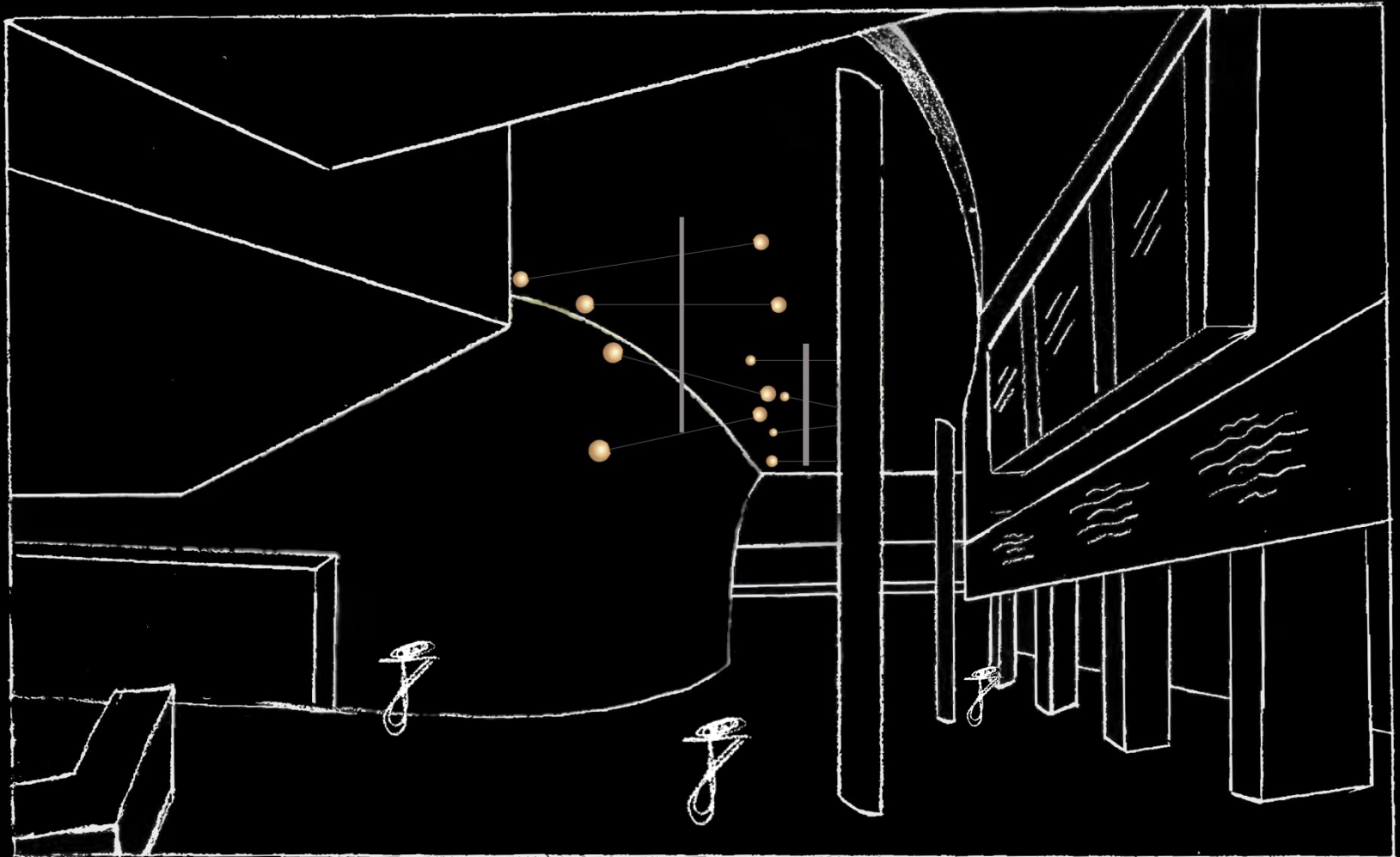
MAIN LOBBY - MASTER SKETCH "PERSPECTIVE"



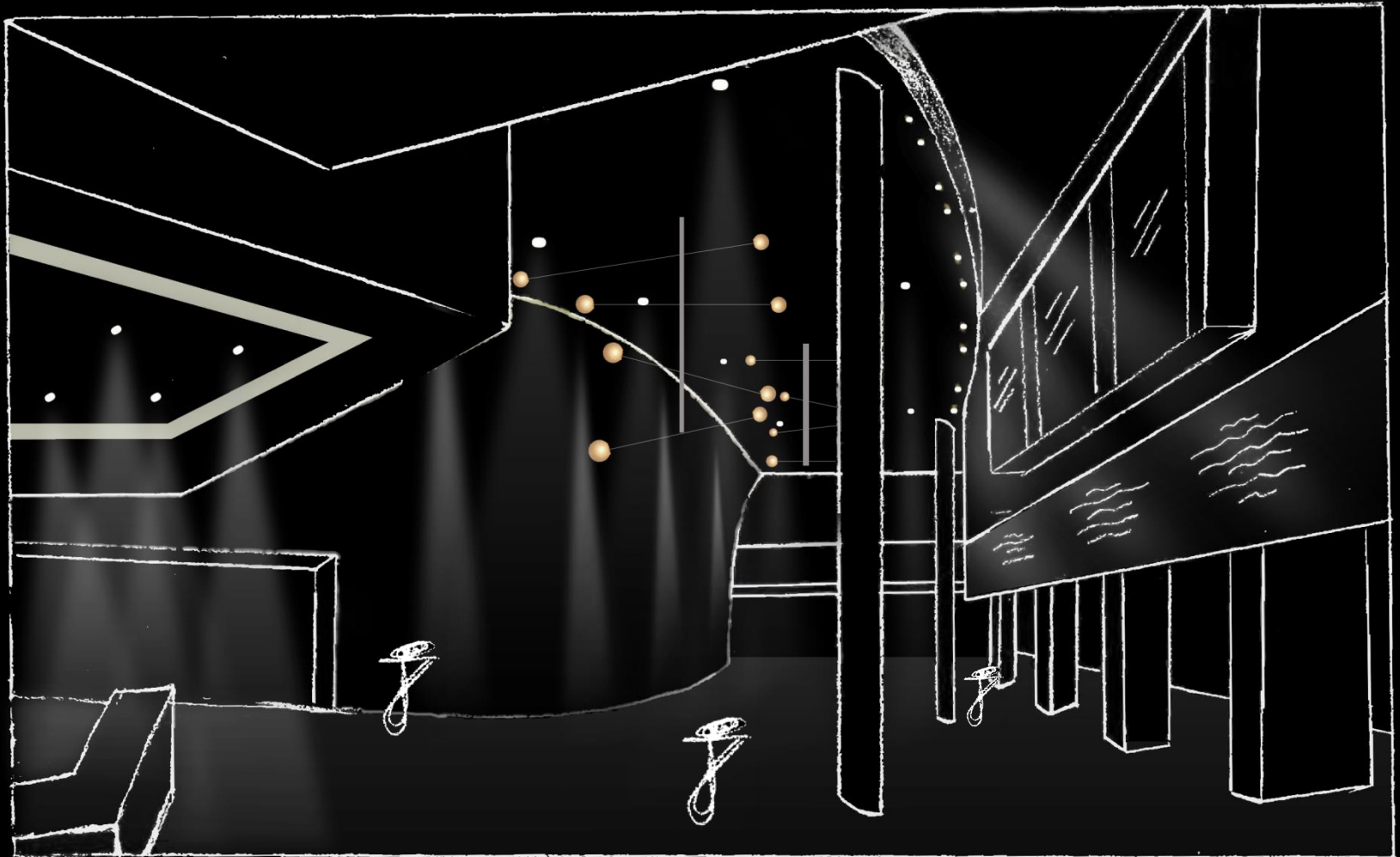
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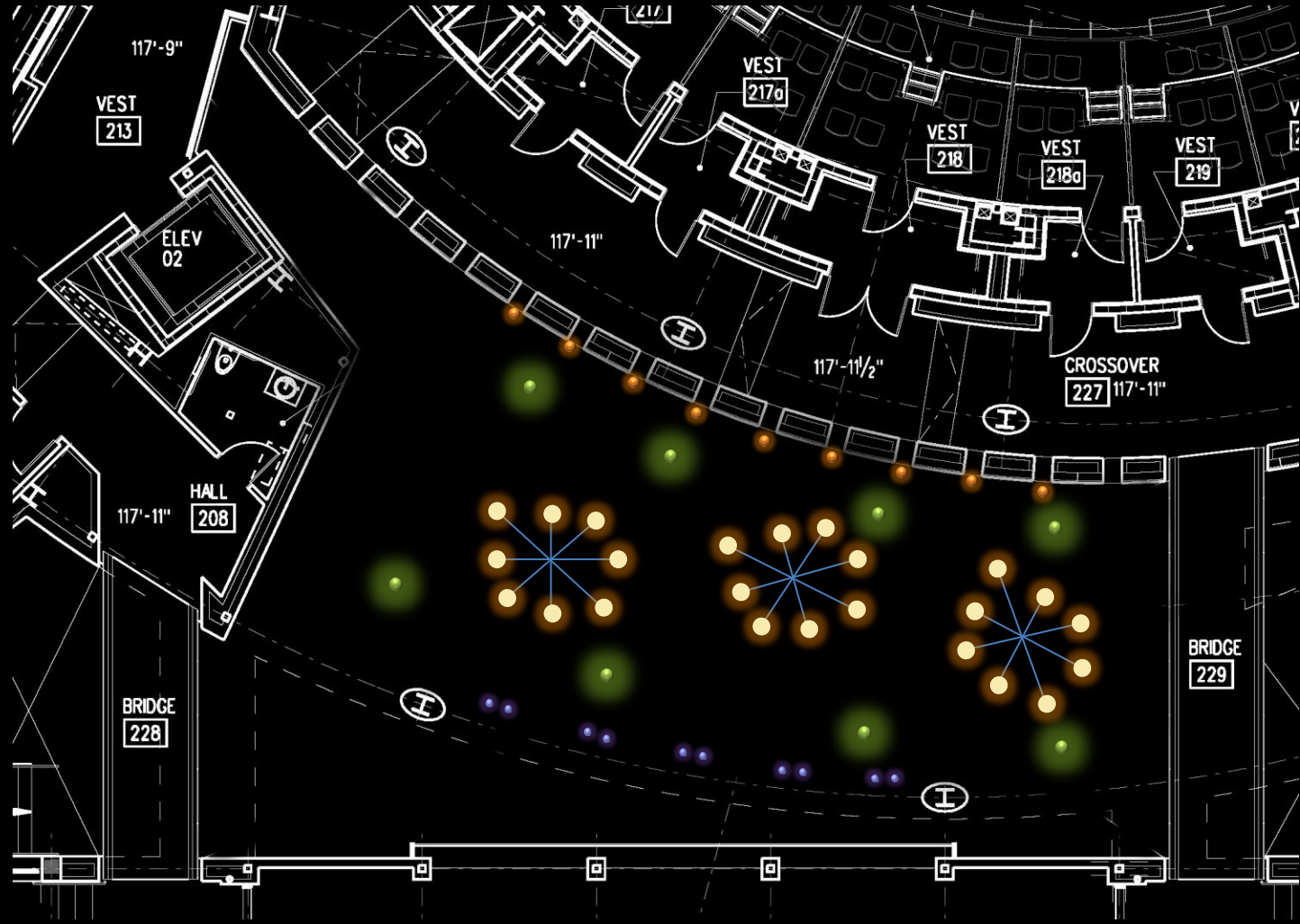
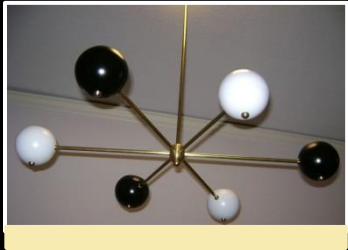
MAIN LOBBY - MASTER SKETCH "PERSPECTIVE"

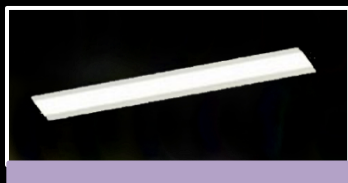


MAIN LOBBY - MASTER SKETCH "PERSPECTIVE"



MAIN LOBBY - MASTER SKETCH "PERSPECTIVE"





III. DANCE

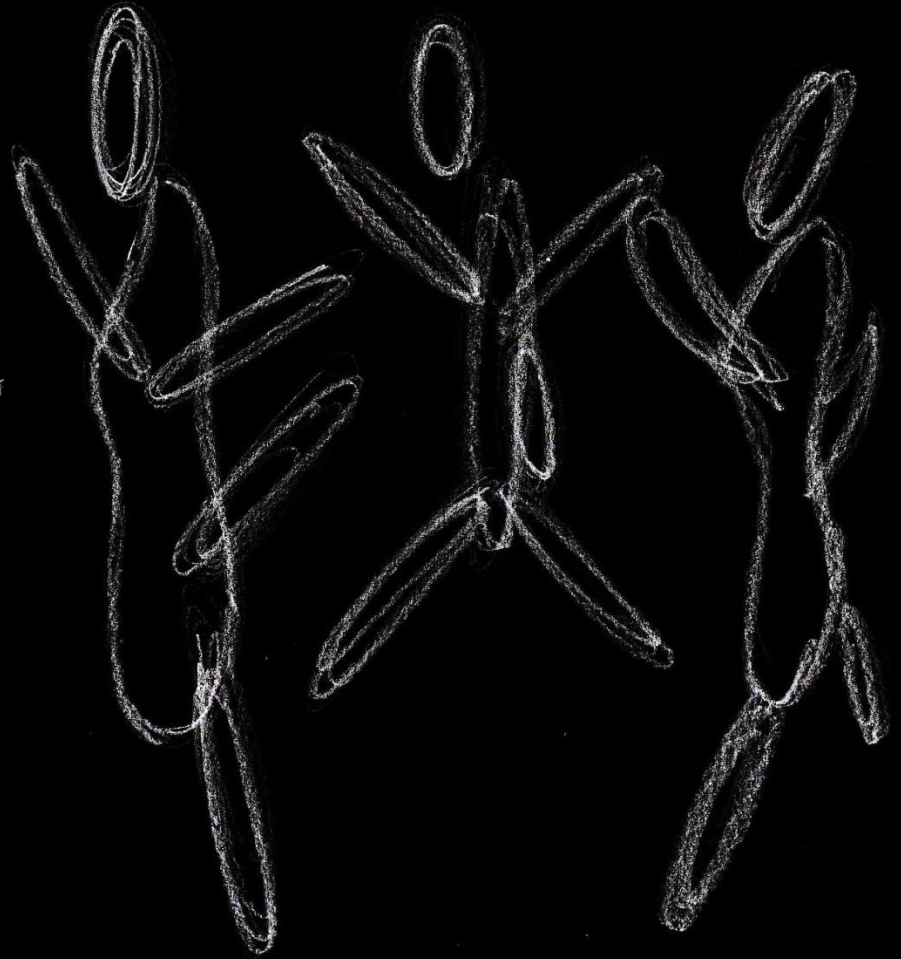


MOVEMENT

lighting (points of interest)

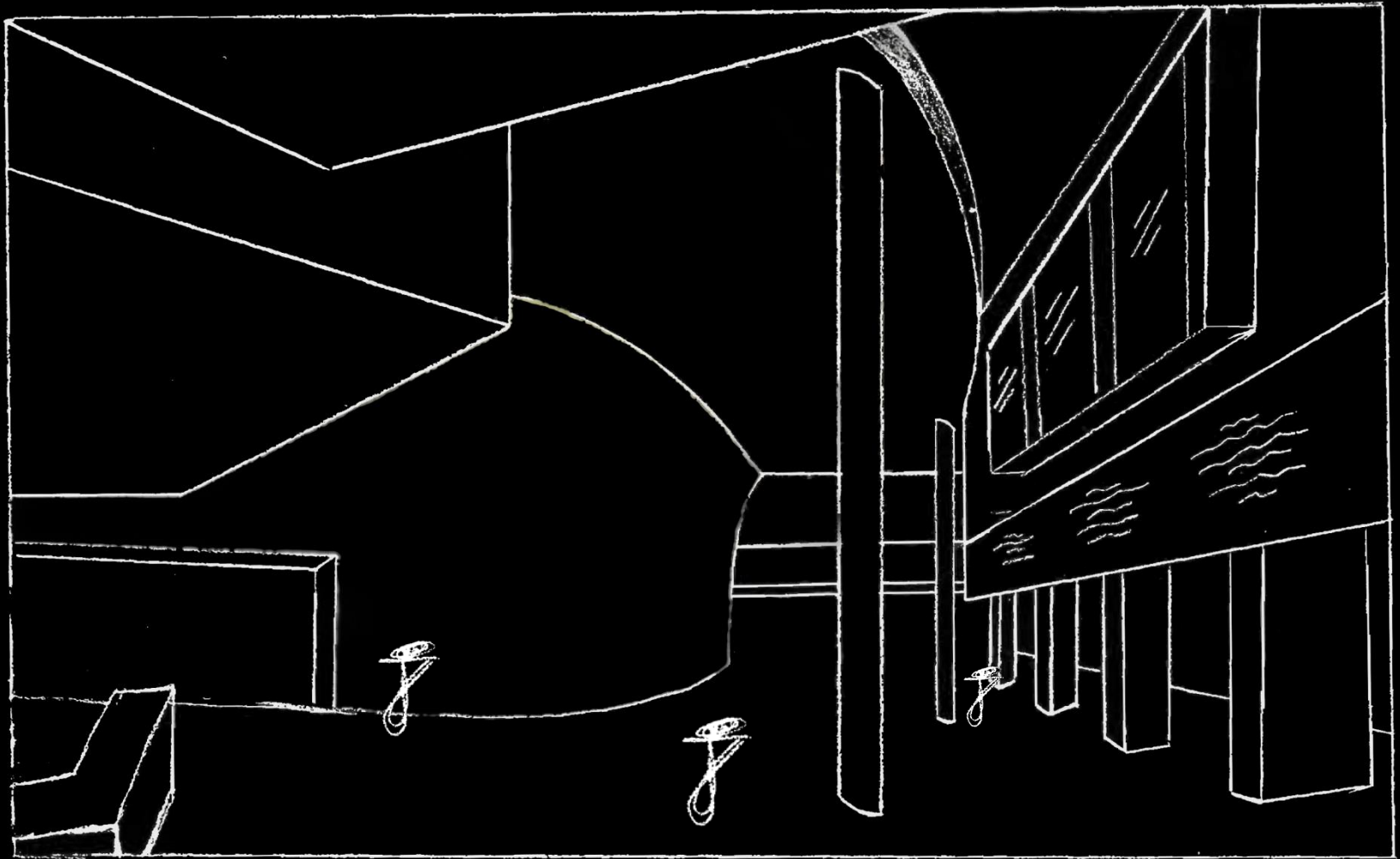
- donor wall
- curved wall
- downlights
- continuous light

- provides direction / way. Andir
- guides the eyes

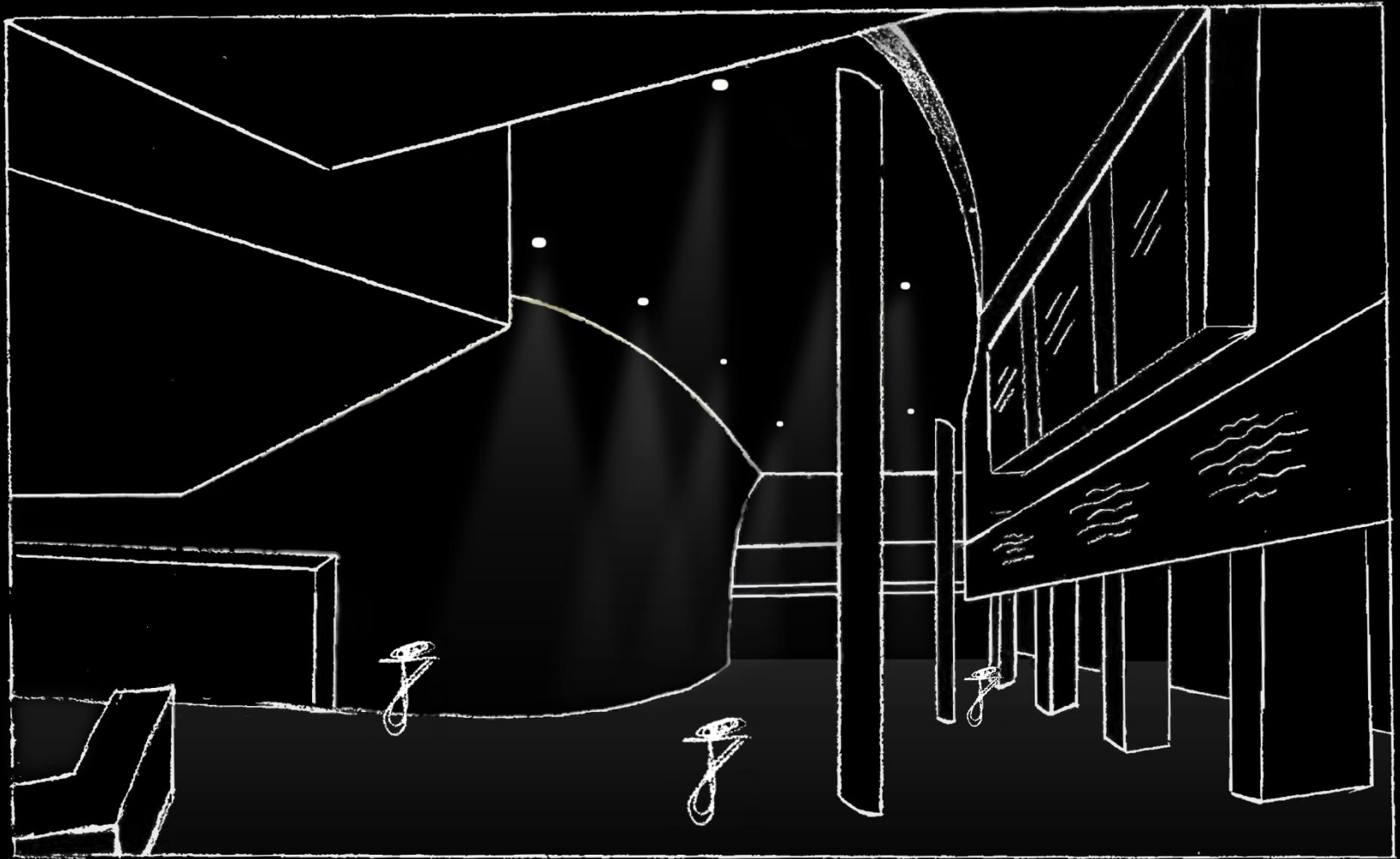


performing arts

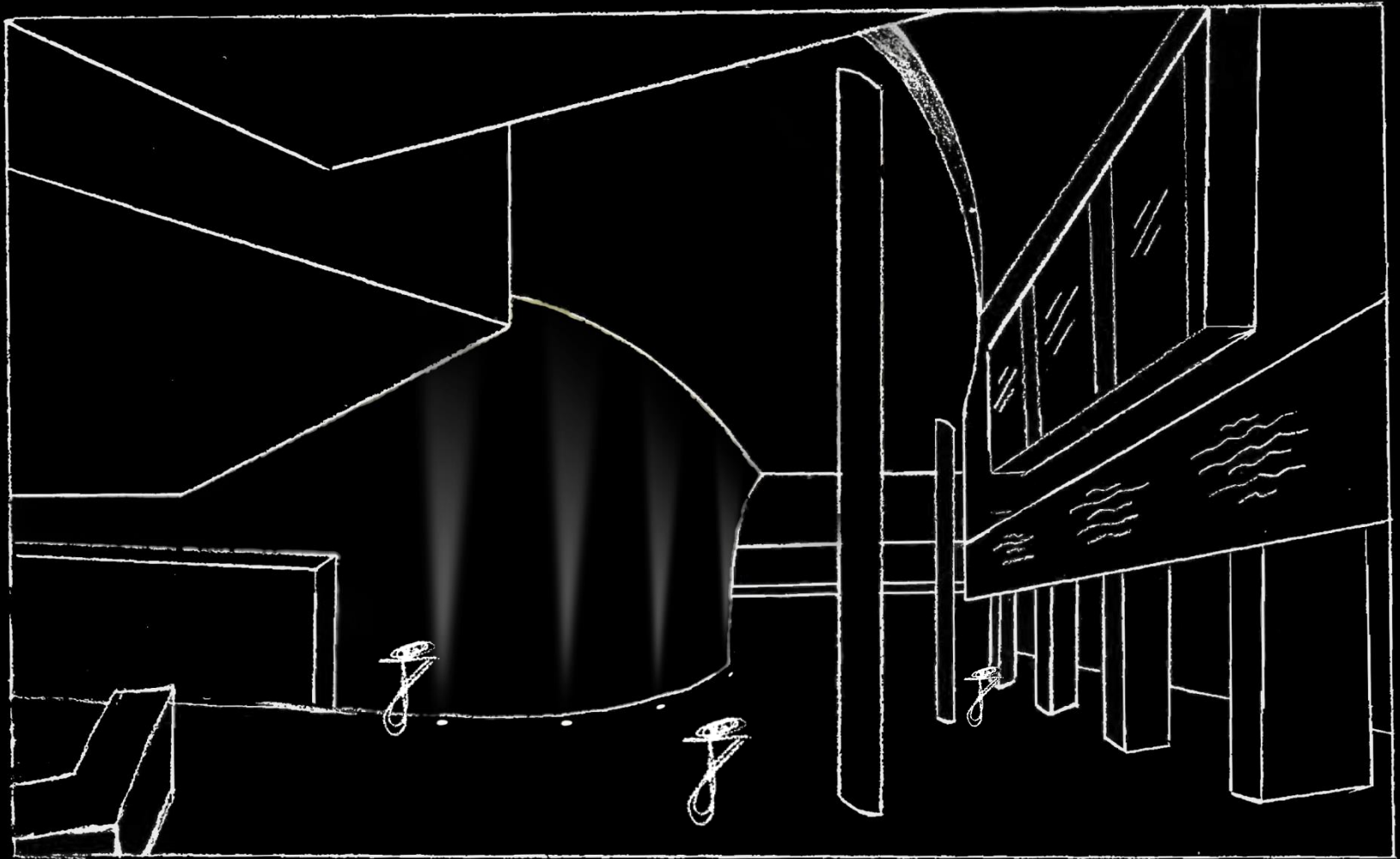
- movement
- dynamic



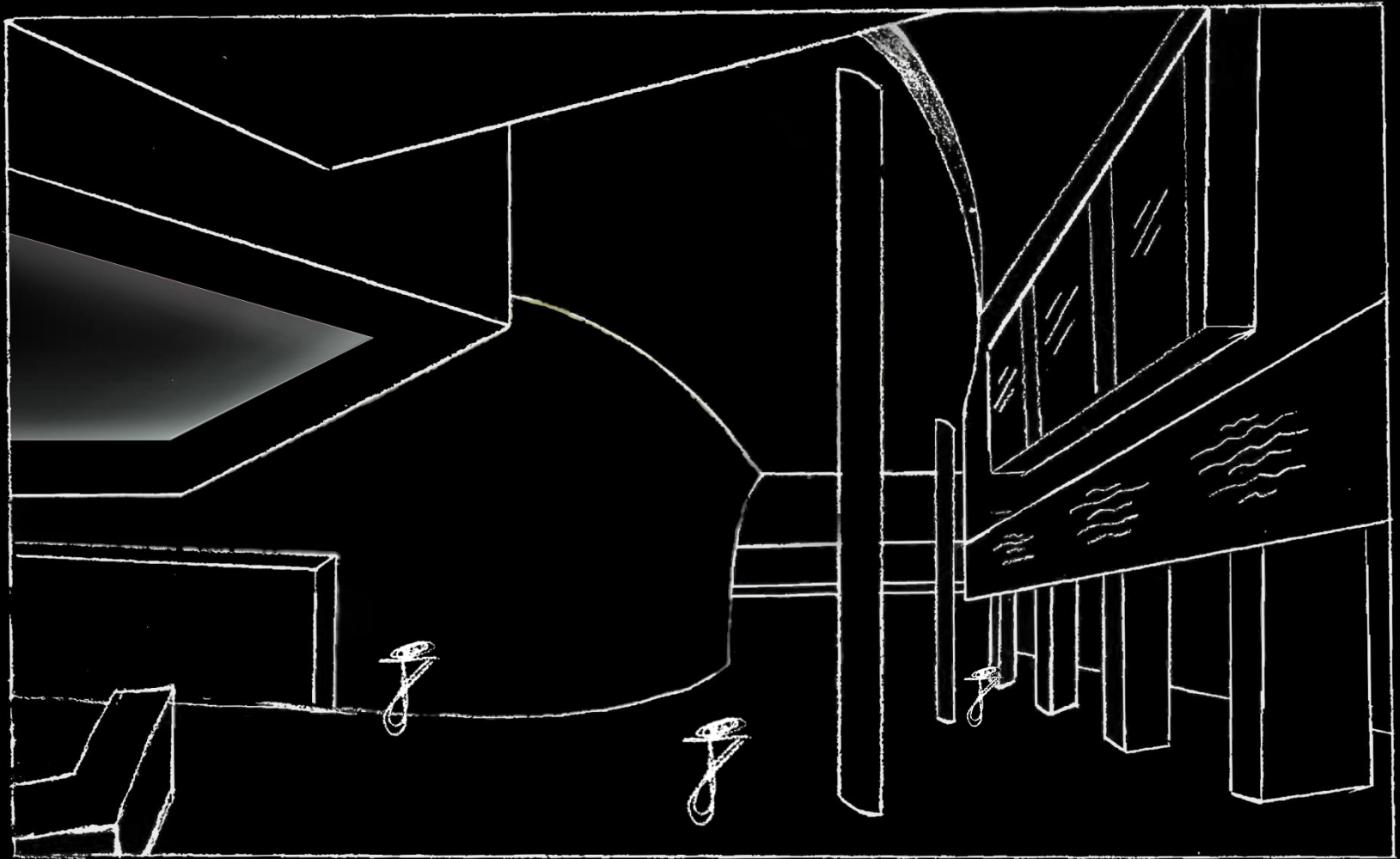
MAIN LOBBY - MASTER SKETCH "PERSPECTIVE"



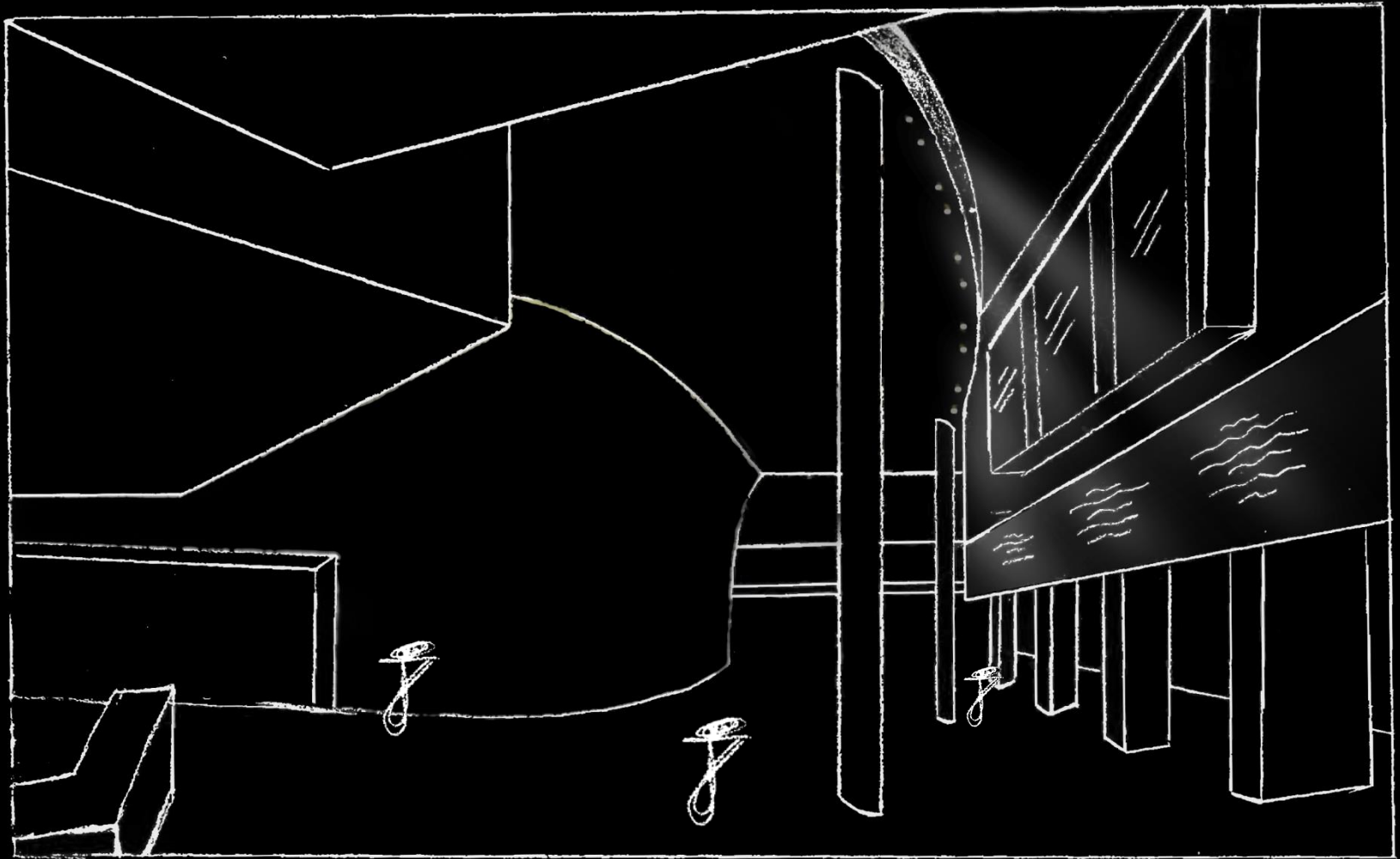
MAIN LOBBY - MASTER SKETCH "PERSPECTIVE"



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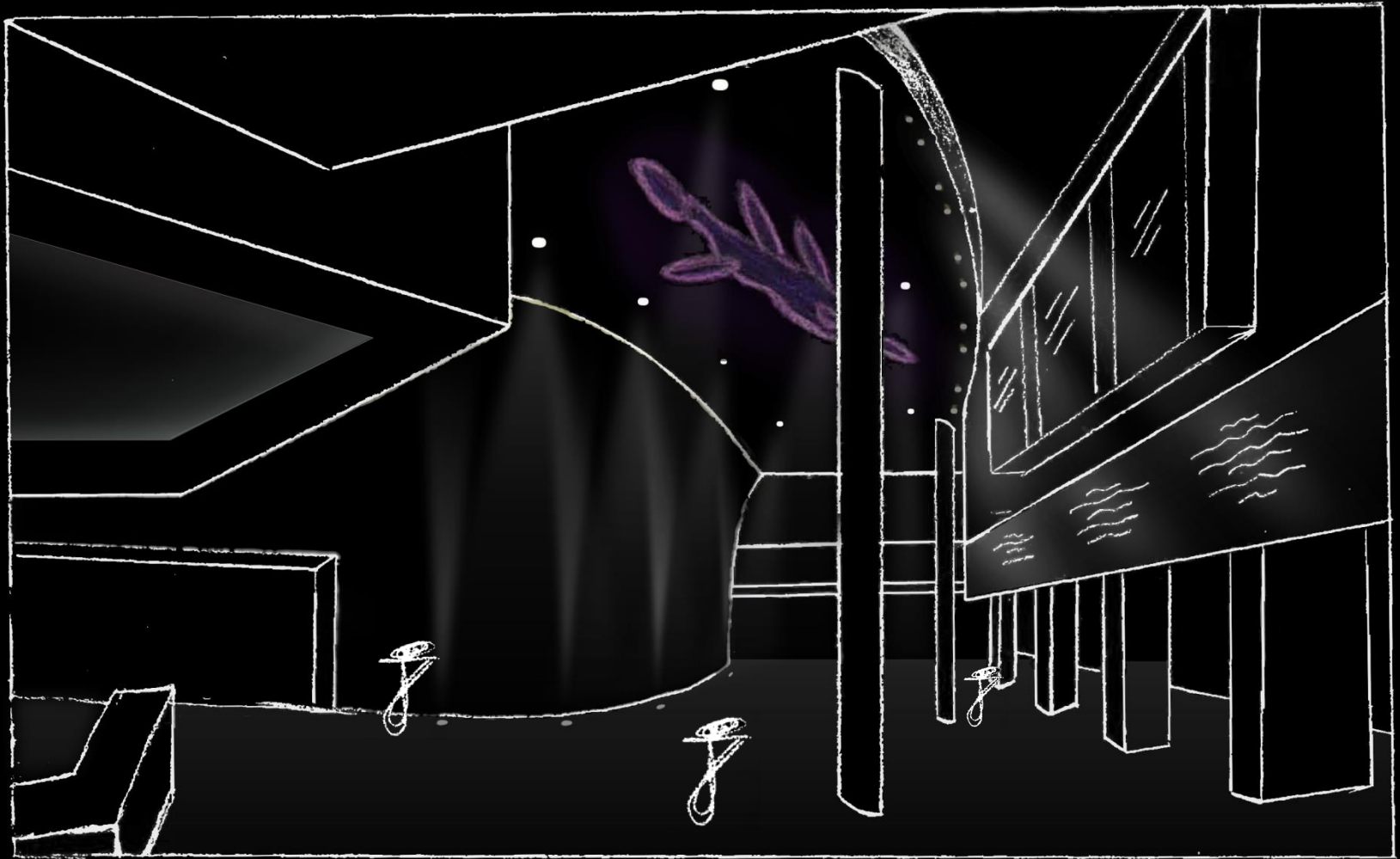
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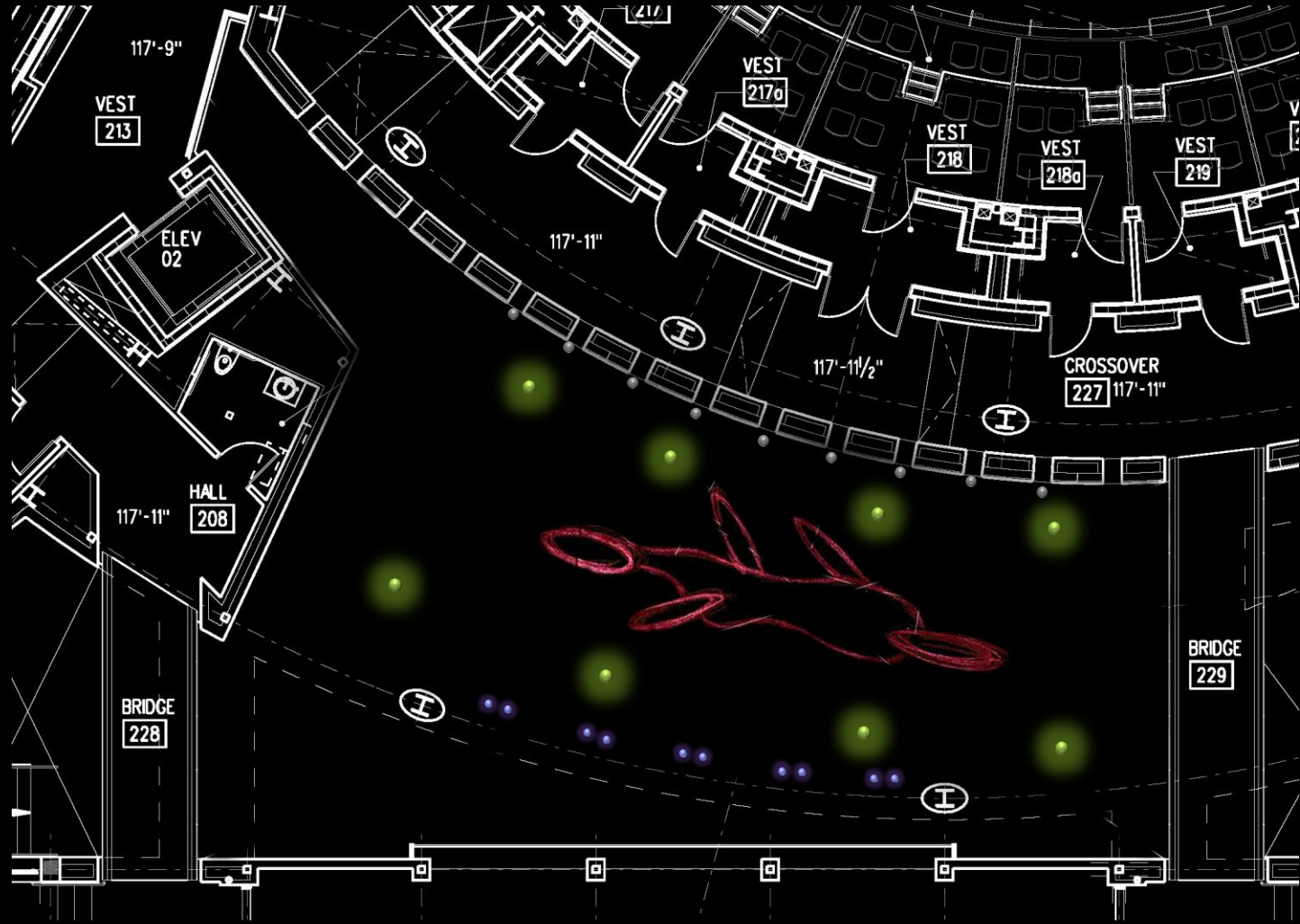
MAIN LOBBY - MASTER SKETCH "PERSPECTIVE"

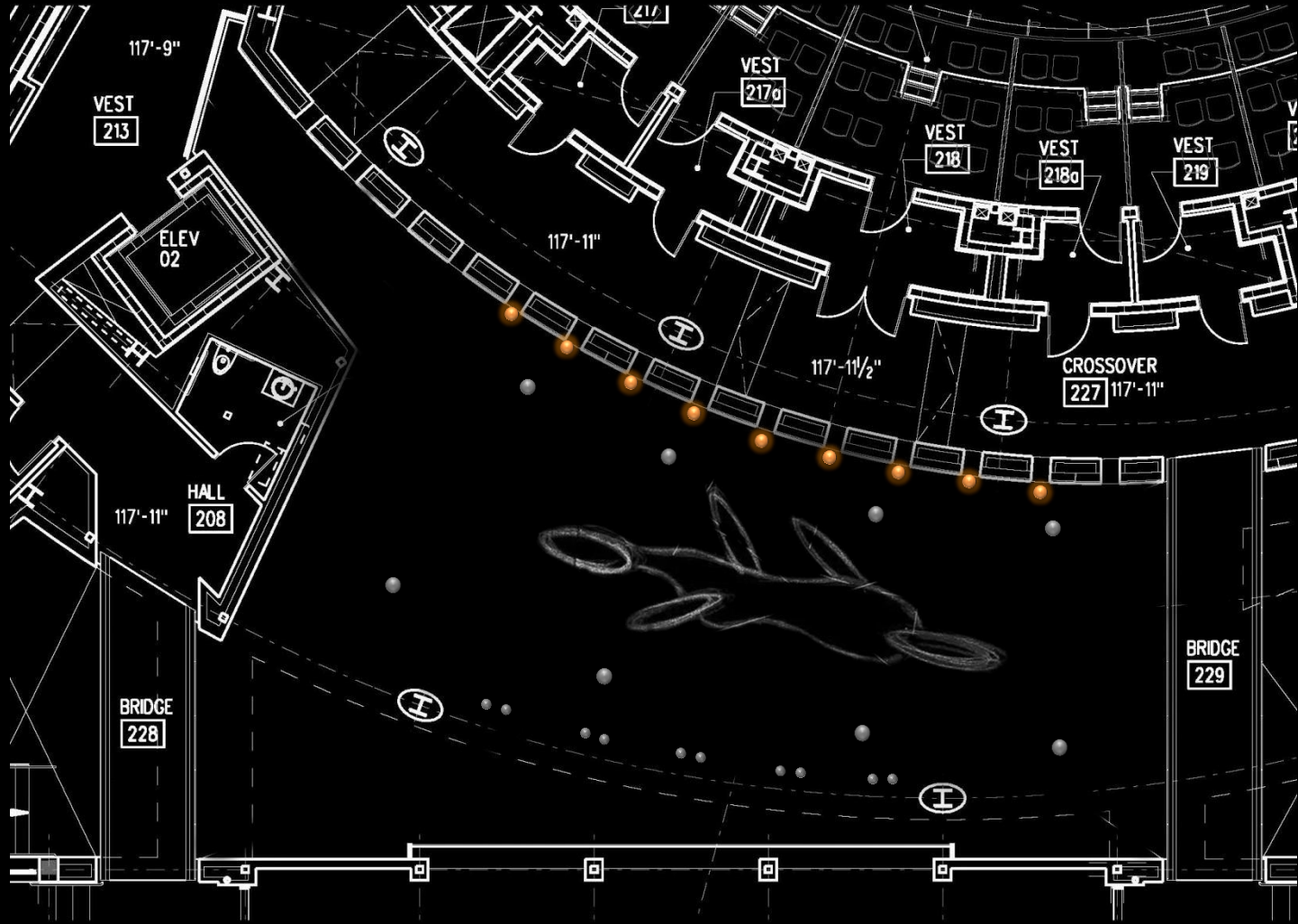


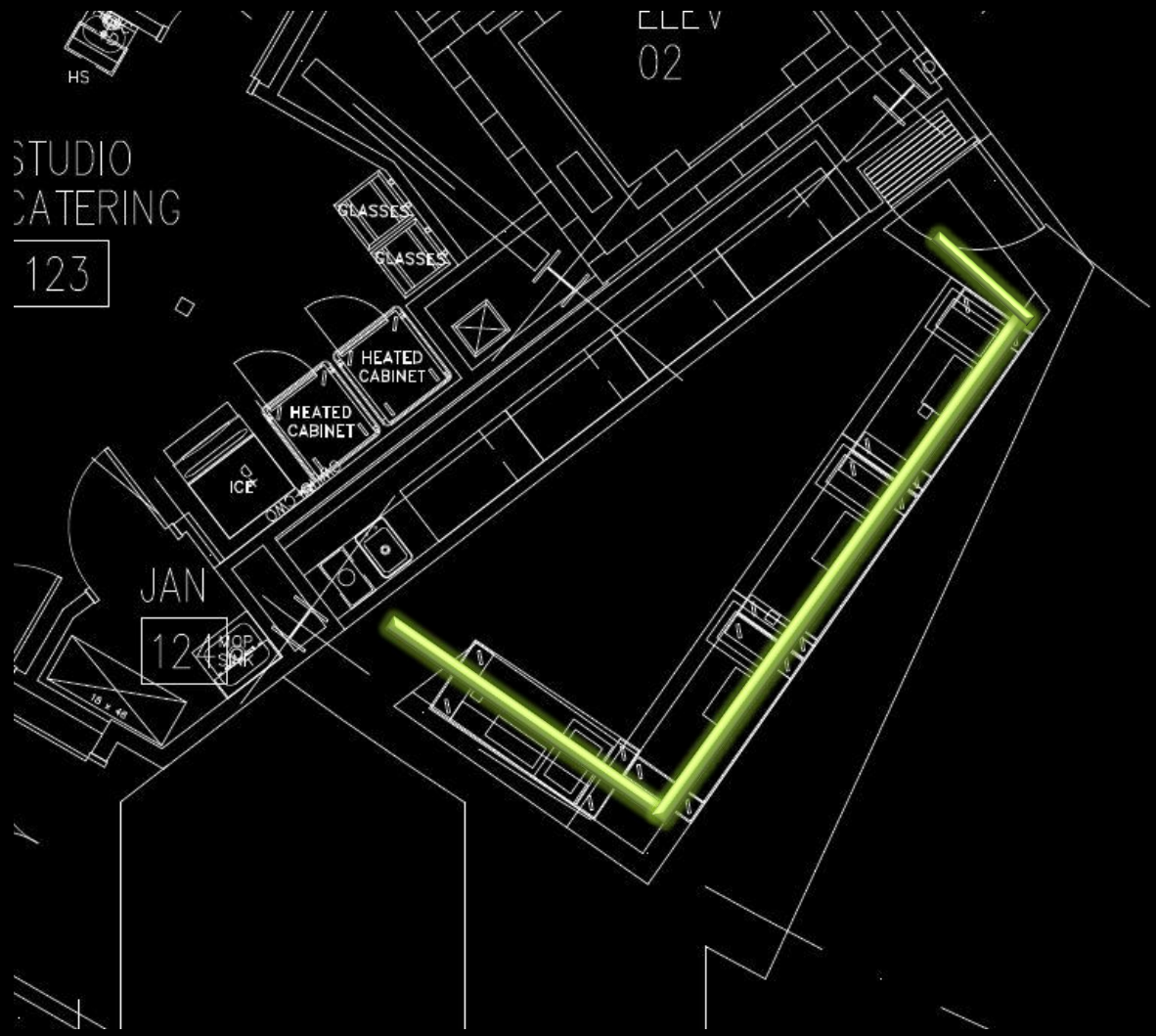
MAIN LOBBY - MASTER SKETCH "PERSPECTIVE"



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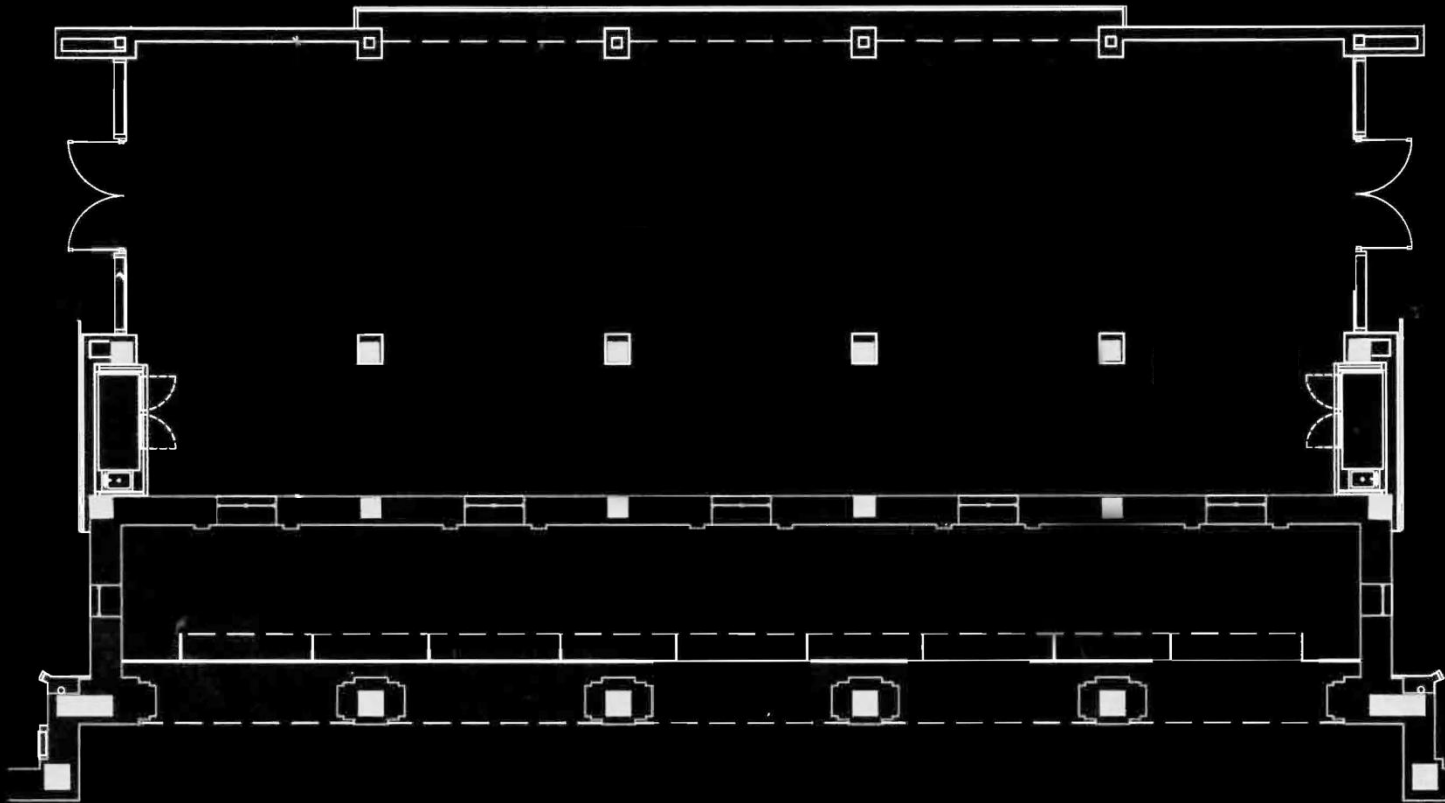
The background is a detailed architectural floor plan of a building, rendered in a light gray color against a dark background. The plan shows various rooms, corridors, and structural elements. A specific rectangular area at the bottom center of the plan is highlighted in a solid teal color. Overlaid on this plan is the text 'PATRON'S LOUNGE' in a large, white, bold, sans-serif font, centered horizontally and vertically.

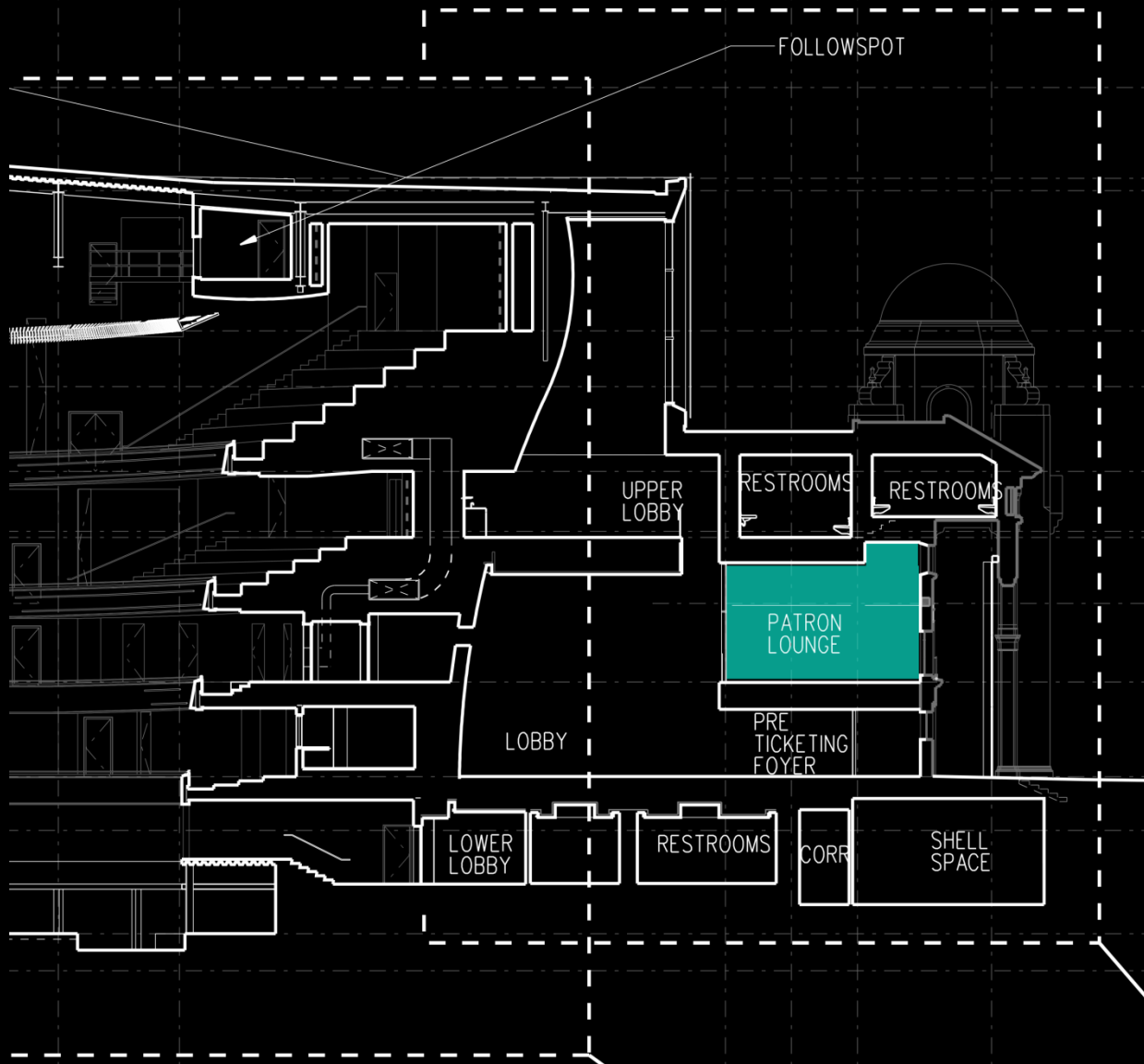
PATRON'S LOUNGE

DESIGN CRITERIA

The background of the slide is a dark, semi-transparent architectural floor plan of a theater or auditorium. The plan shows the layout of the stage, seating areas, and various rooms. A rectangular area on the stage is highlighted in a bright teal color, indicating a specific design focus or lighting area.

- Engaging & Conversational
- 'Relaxation' Flynn Impression
- Non-uniform lighting
- Low color temperature
- $E_h = 40 \text{ lux @ fl}$
- $E_v = 15 \text{ lux @ 5ft AFF}$



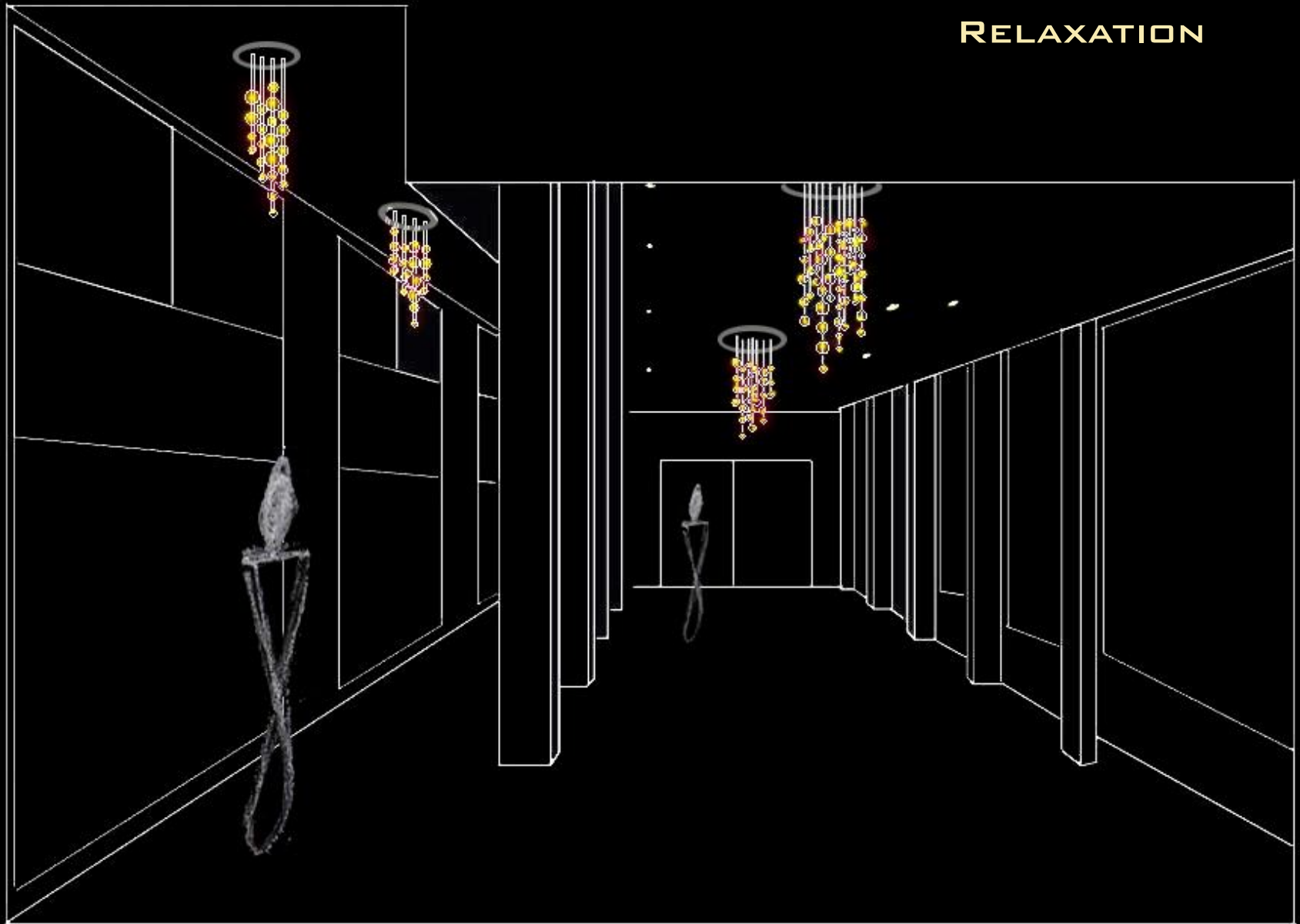


C B A

1
A640

1
A630

RELAXATION



RELAXATION

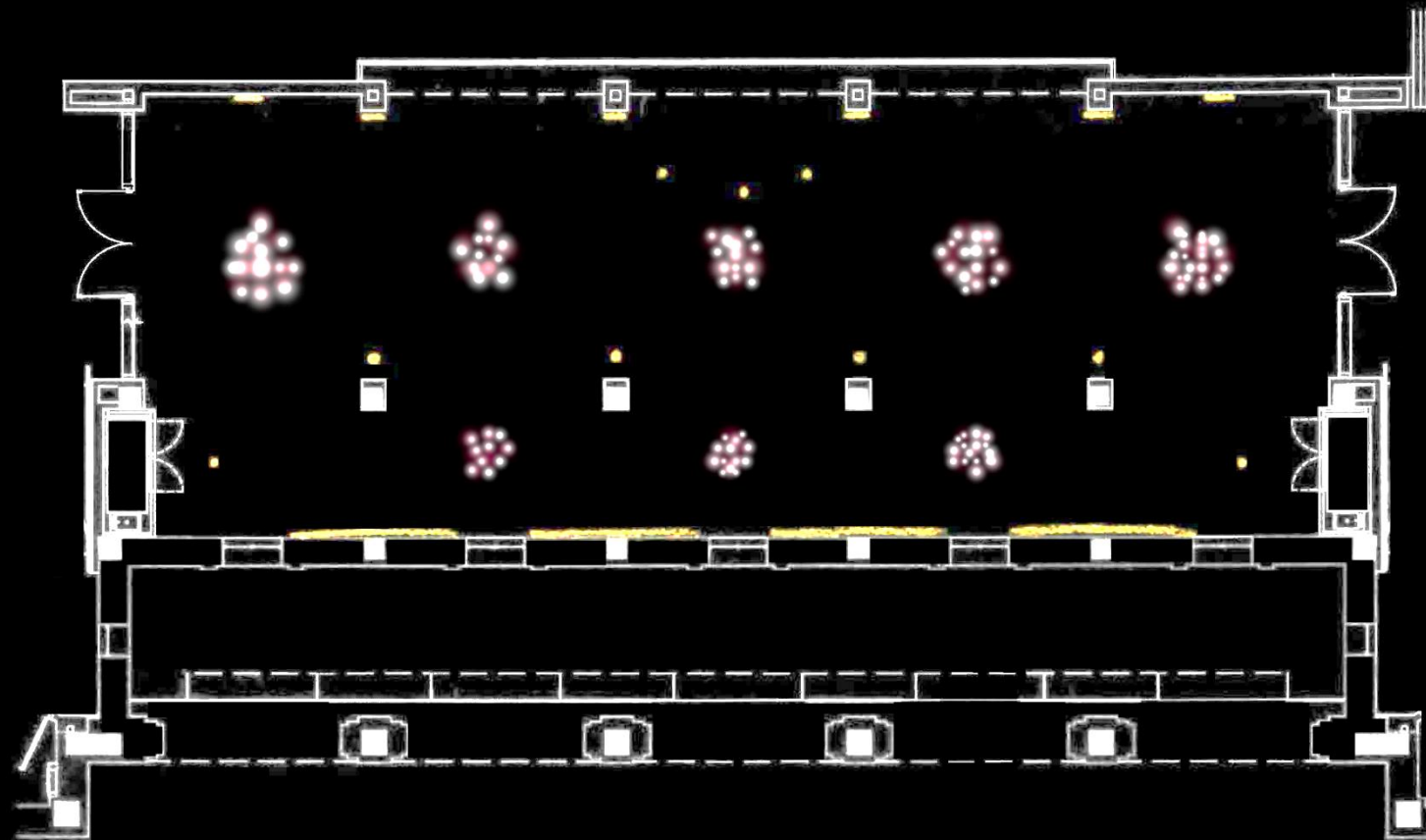


RELAXATION

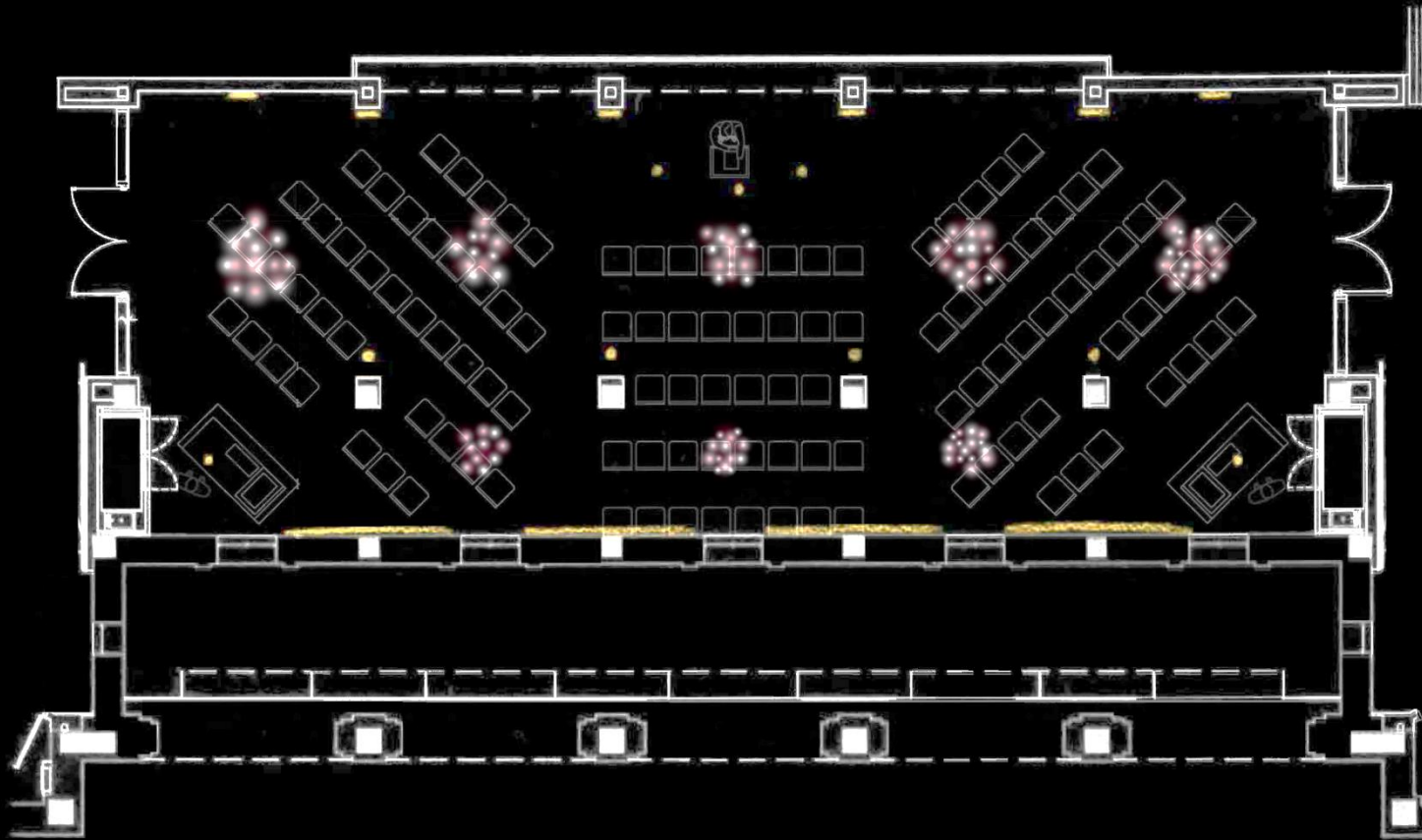


RELAXATION

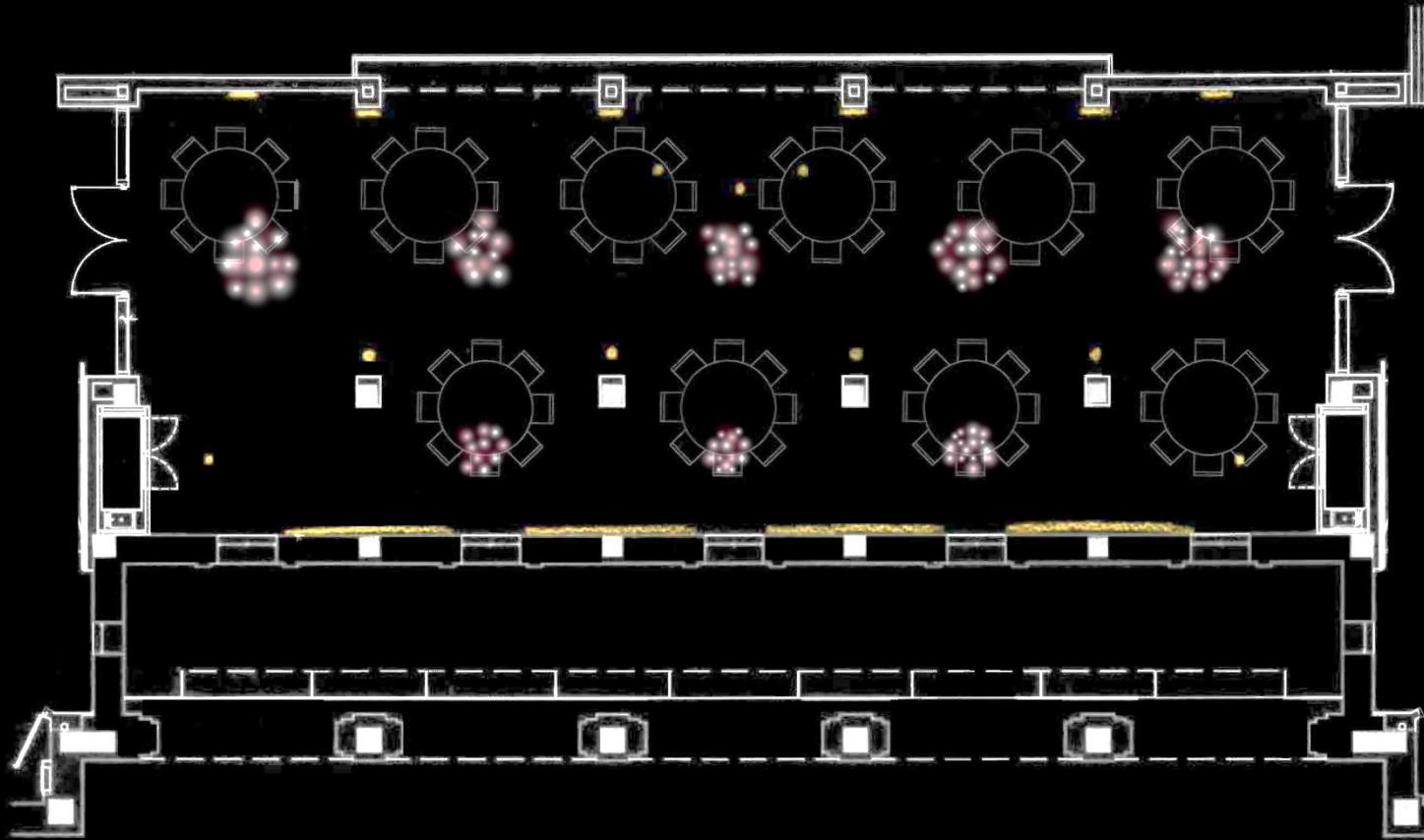




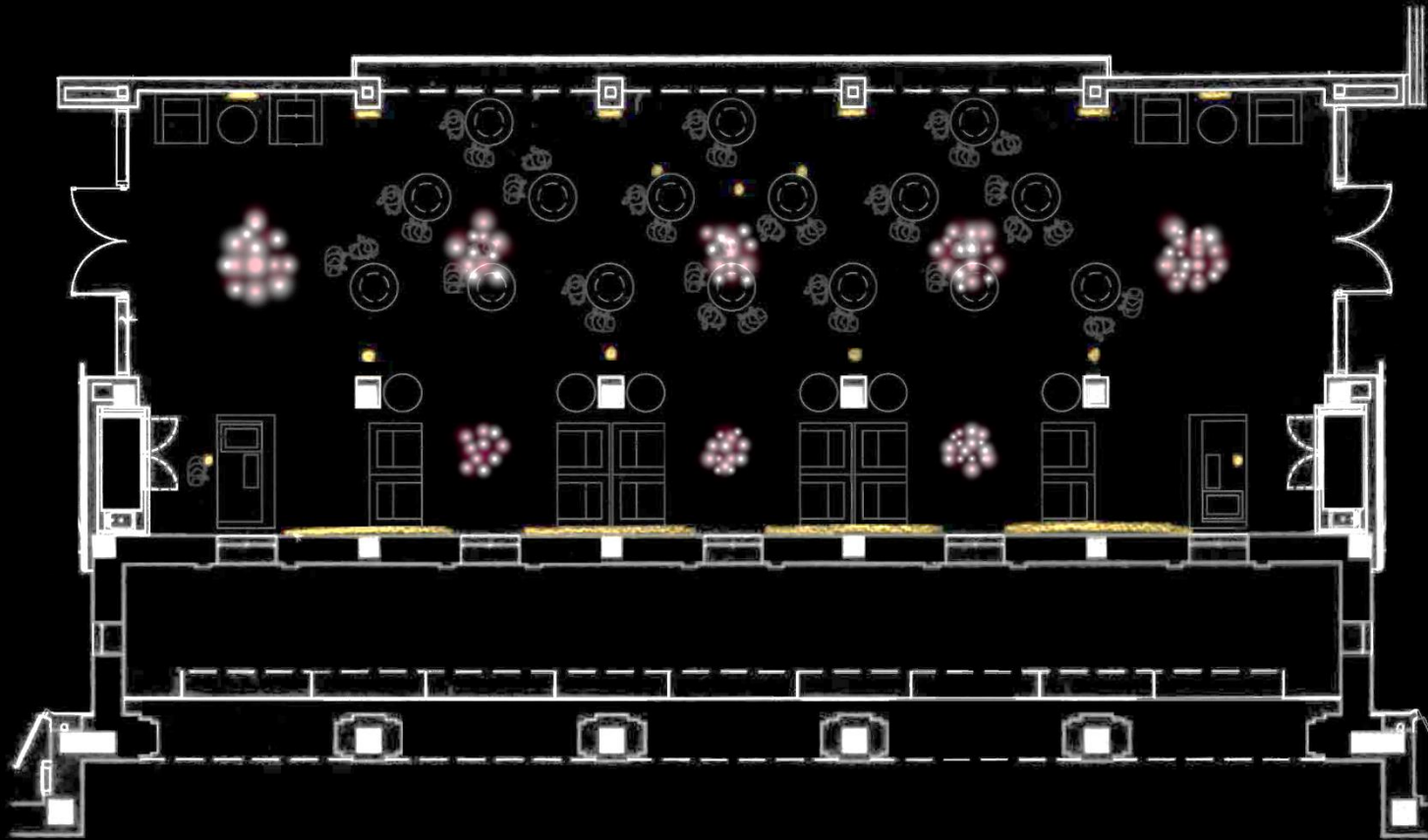
LECTURE LAYOUT



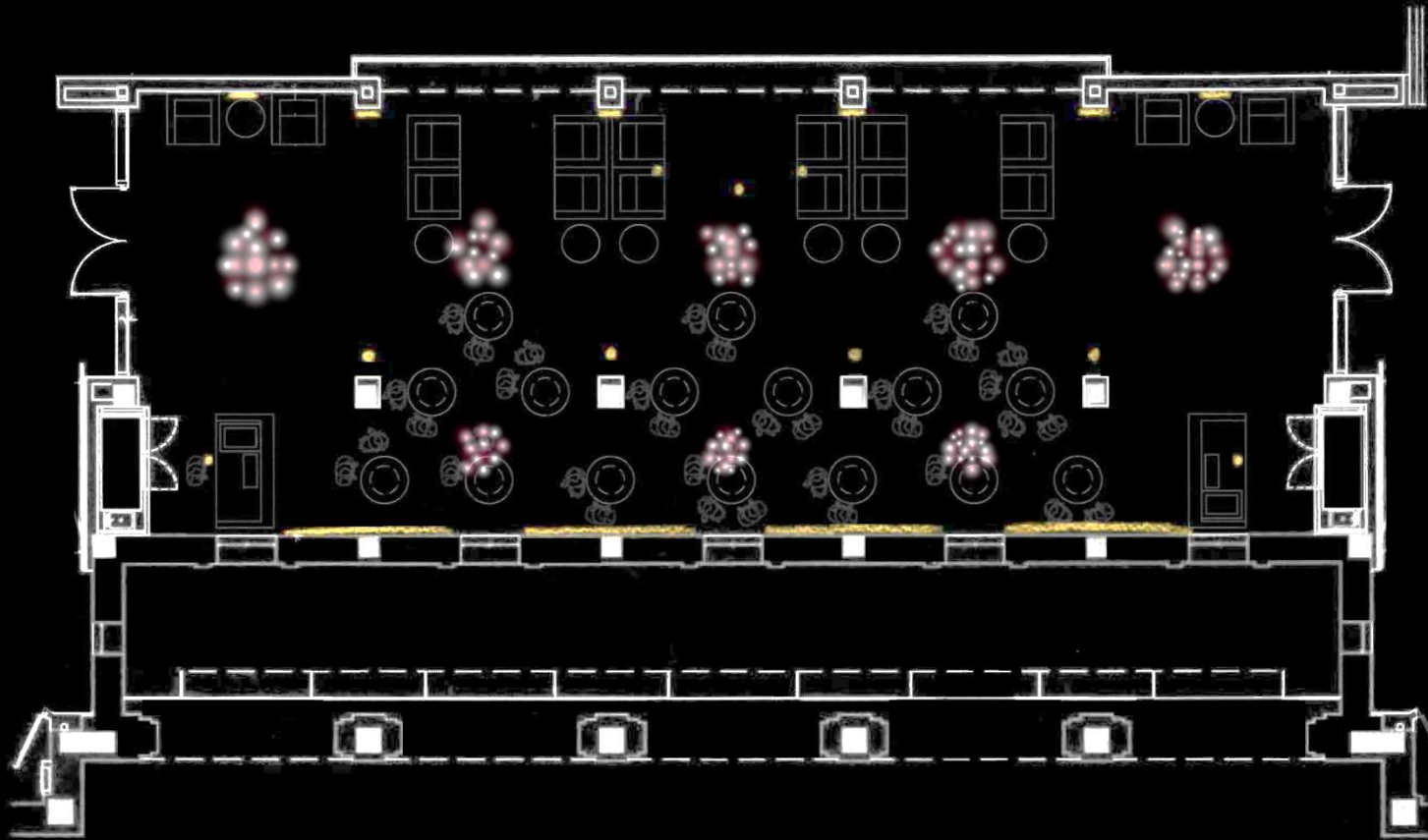
BANQUET LAYOUT



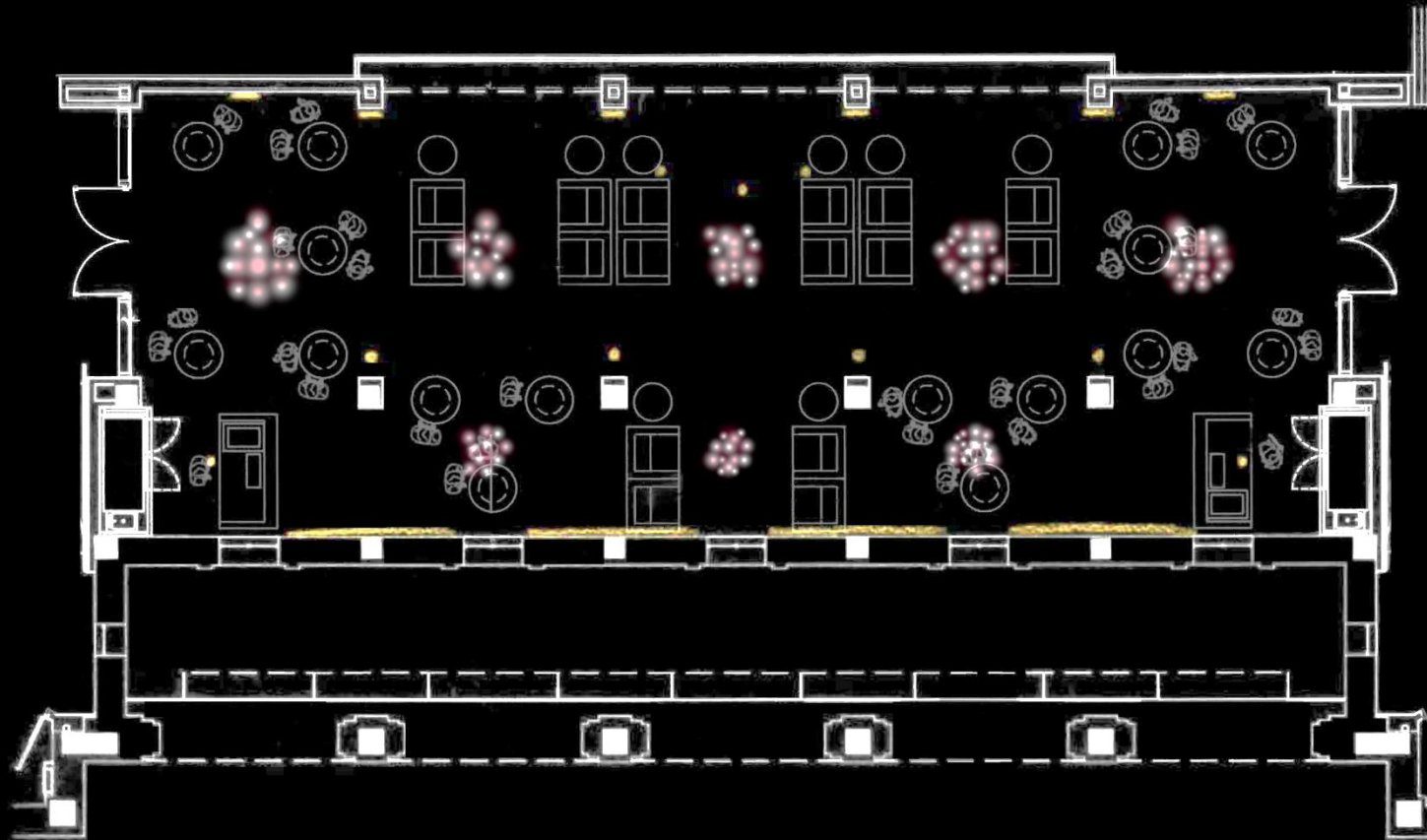
COCKTAIL LAYOUT 1

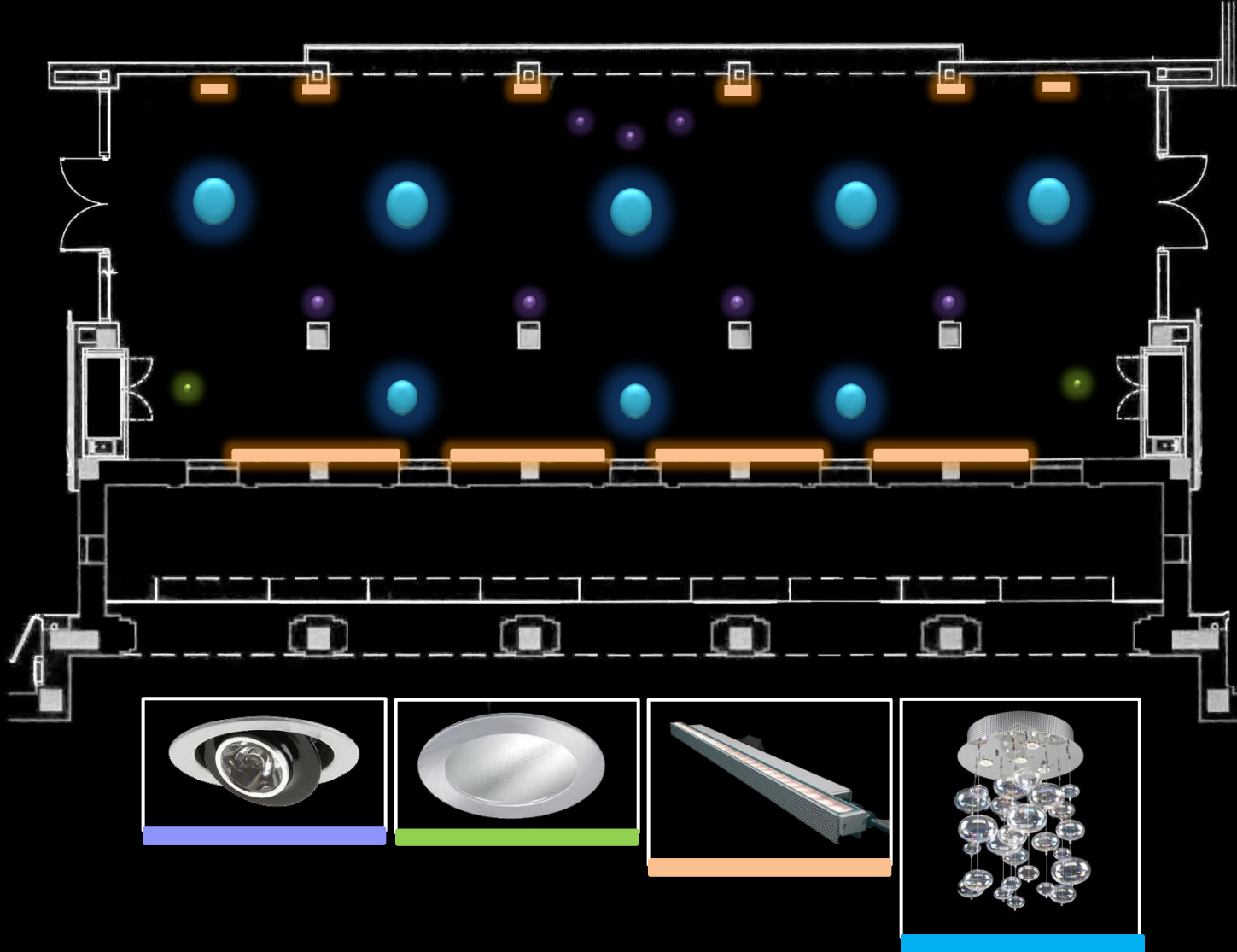


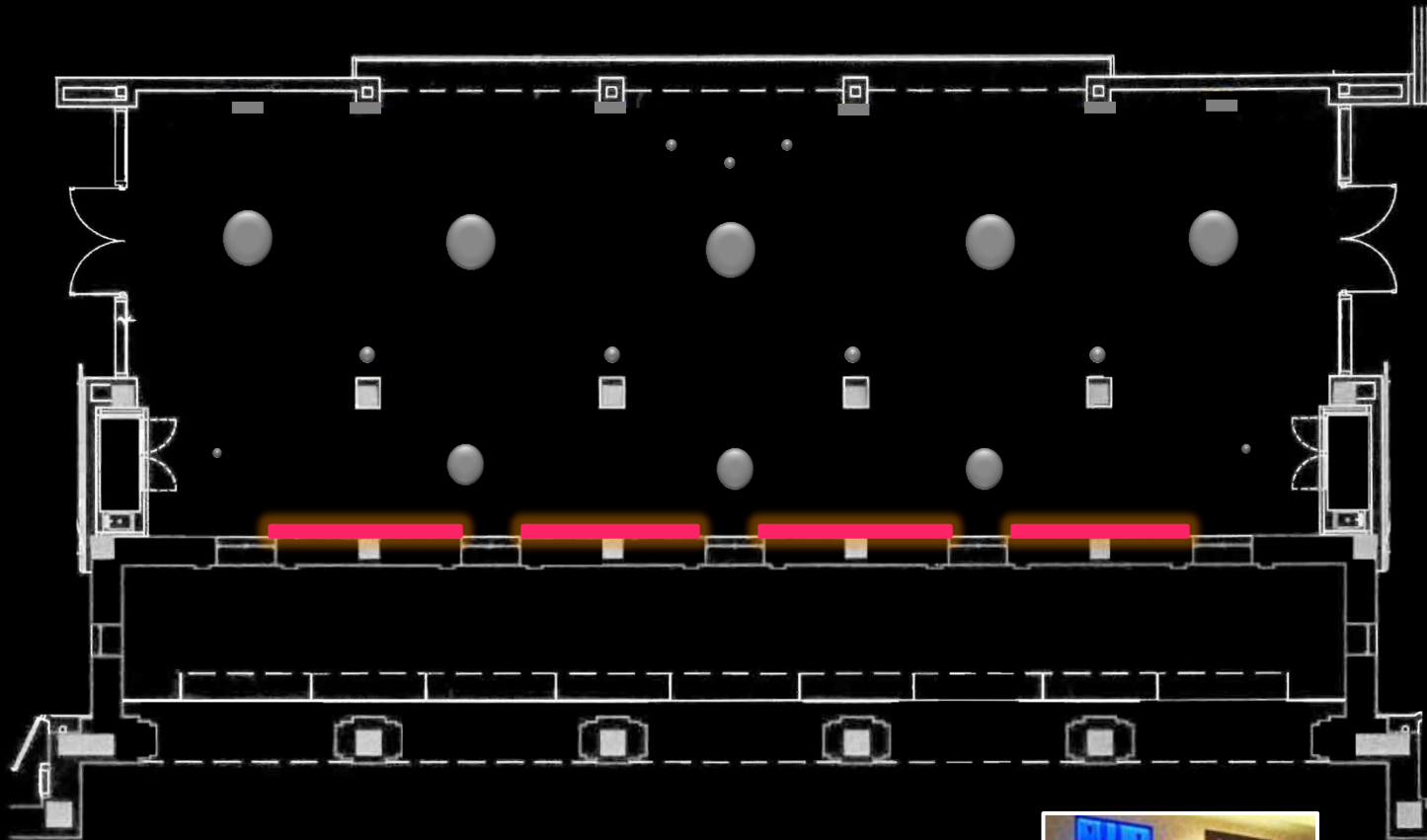
COCKTAIL LAYOUT 2



COCKTAIL LAYOUT 3







The background of the slide is a dark, semi-transparent architectural floor plan of a large building. A central rectangular room is highlighted with a semi-transparent pink color. The text 'MAIN AUDITORIUM' is overlaid on this pink area in a large, white, bold, sans-serif font.

MAIN AUDITORIUM

DESIGN CRITERIA

- Flexible lighting system
- Preset scene control
- Performance-quality dimming
- Wayfinding

Audience (during production)

- $E_h = 100 \text{ lux @ fl}$
- $E_v = 30 \text{ lux @ 5ft AFF}$

Audience (pre/post show, intermission)

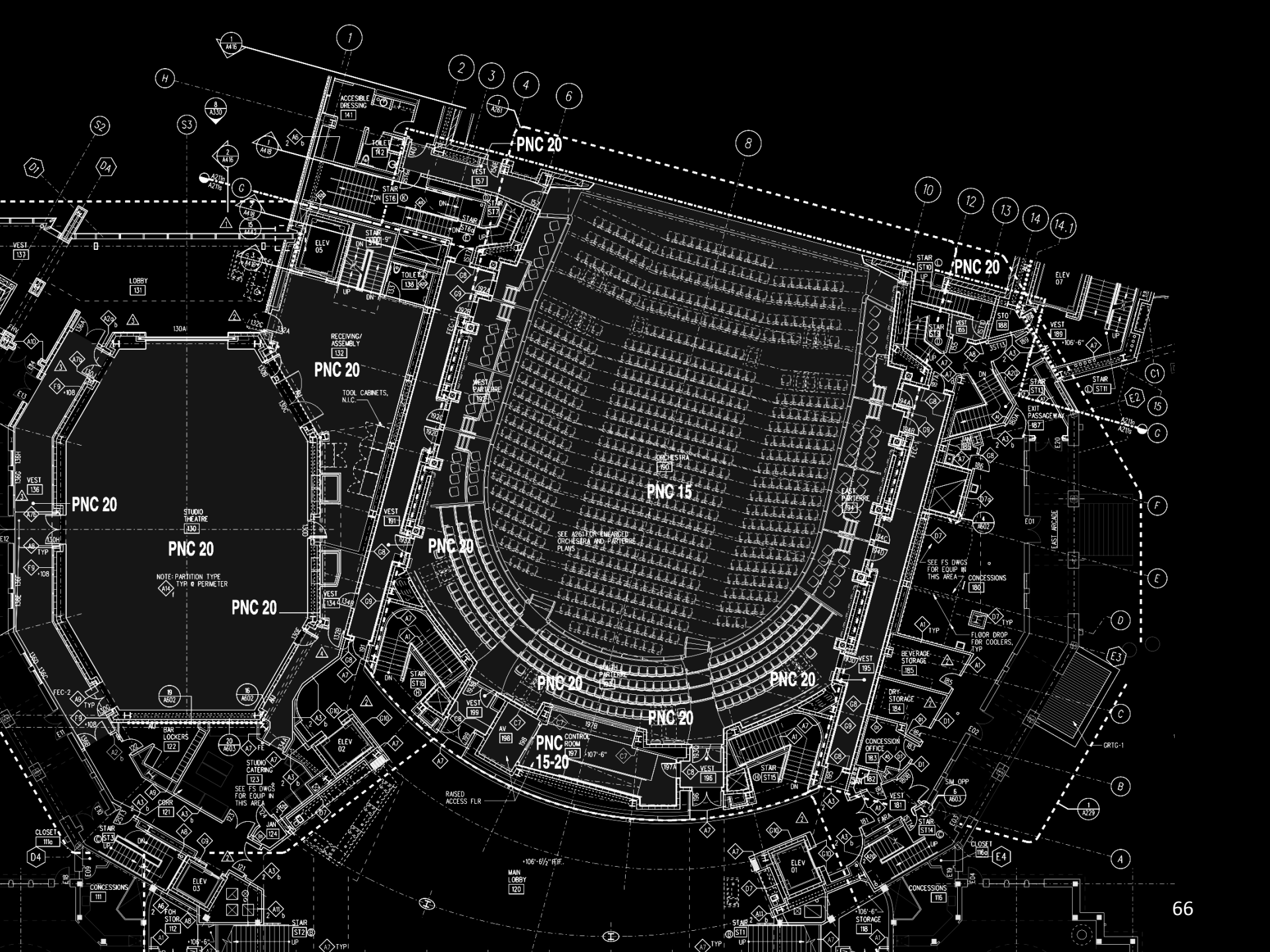
- $E_h = 100 \text{ lux @ fl}$
- $E_v = 30 \text{ lux @ 5ft AFF}$

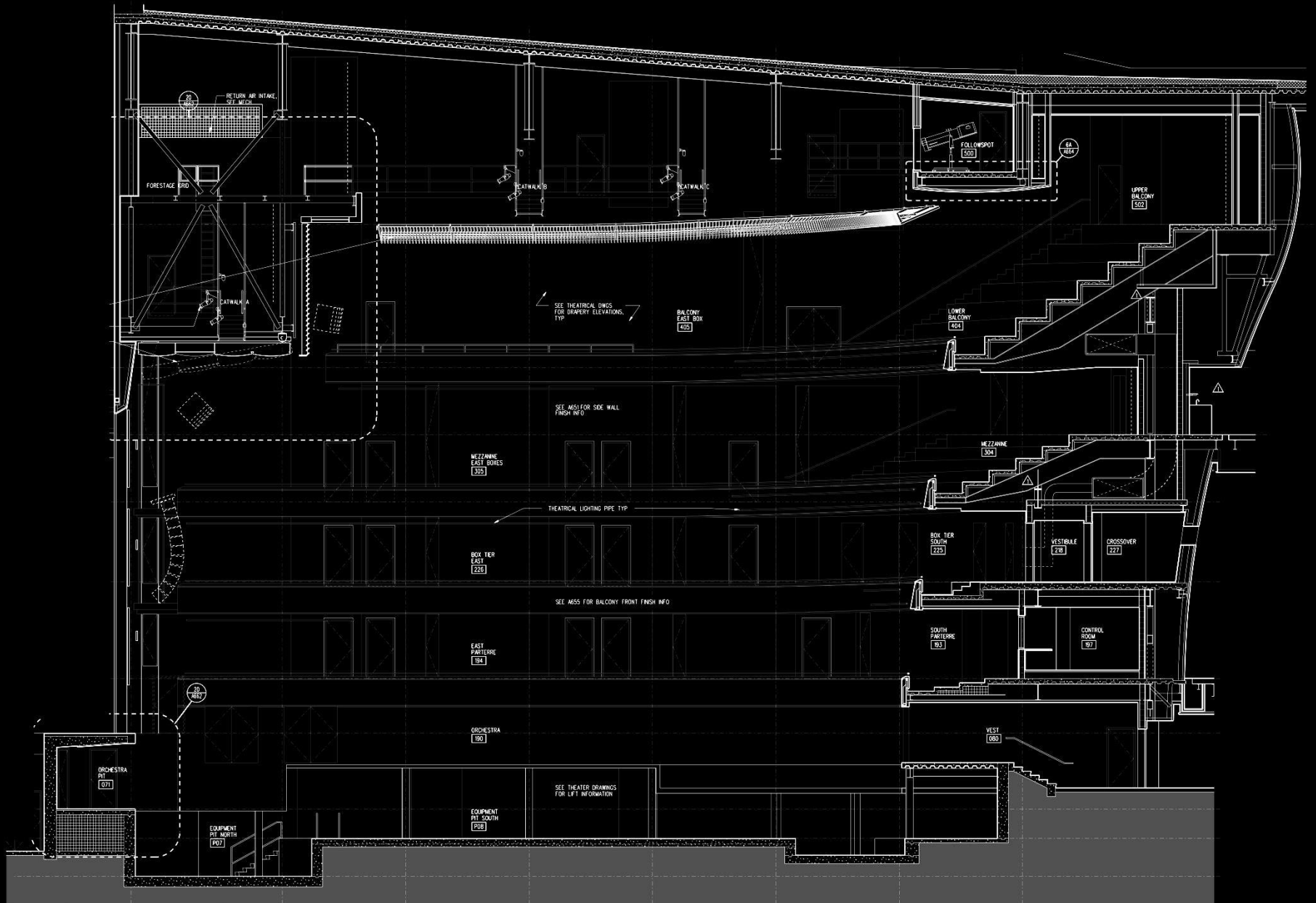
Circulation (during production)

- $E_h = 100 \text{ lux @ fl}$
- $E_v = 30 \text{ lux @ 5ft AFF}$

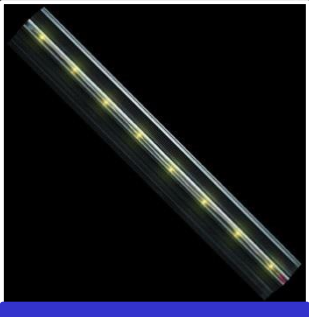
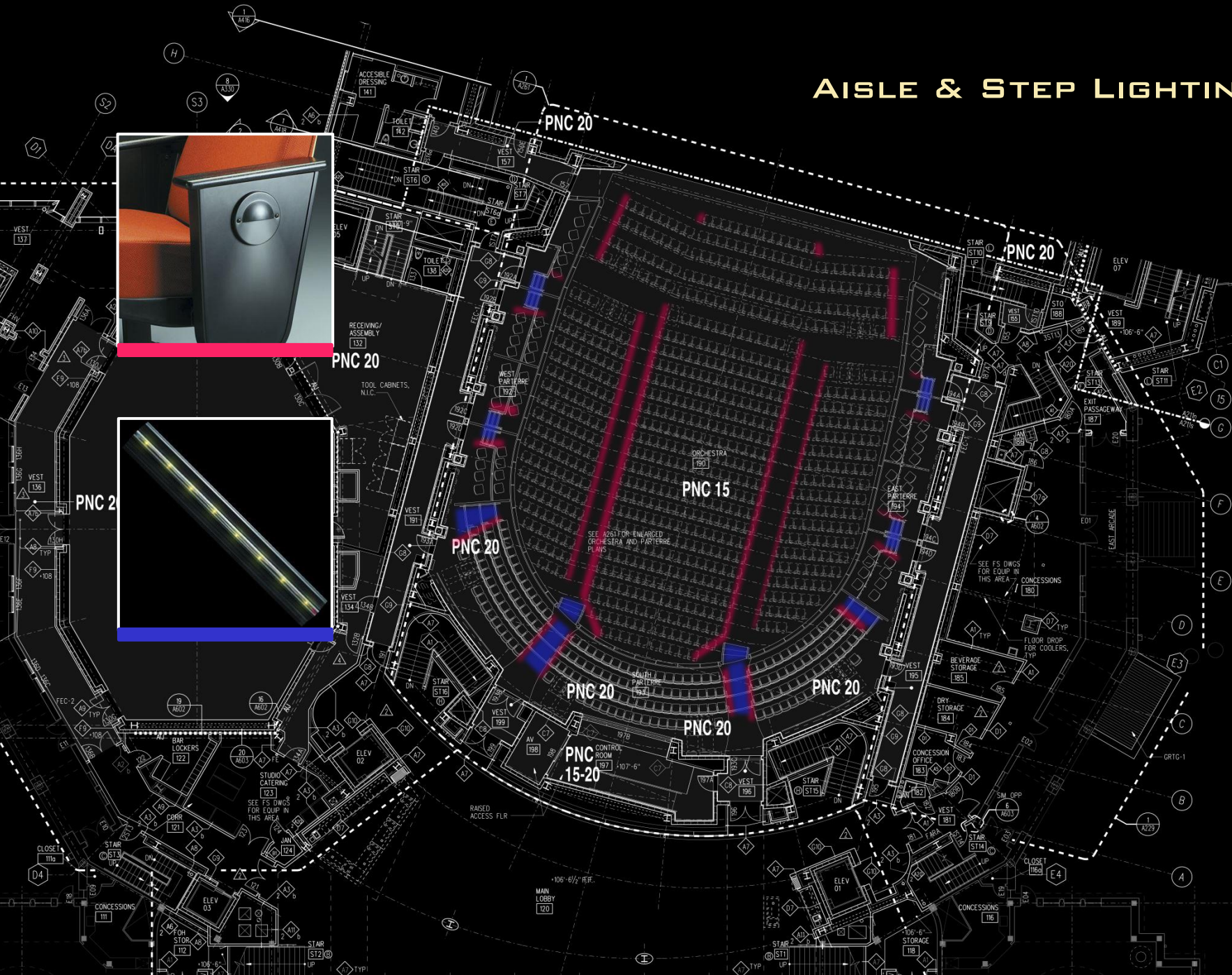
Circulation (pre/post show, intermission)

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- $E_v = 30 \text{ lux @ 5ft AFF}$

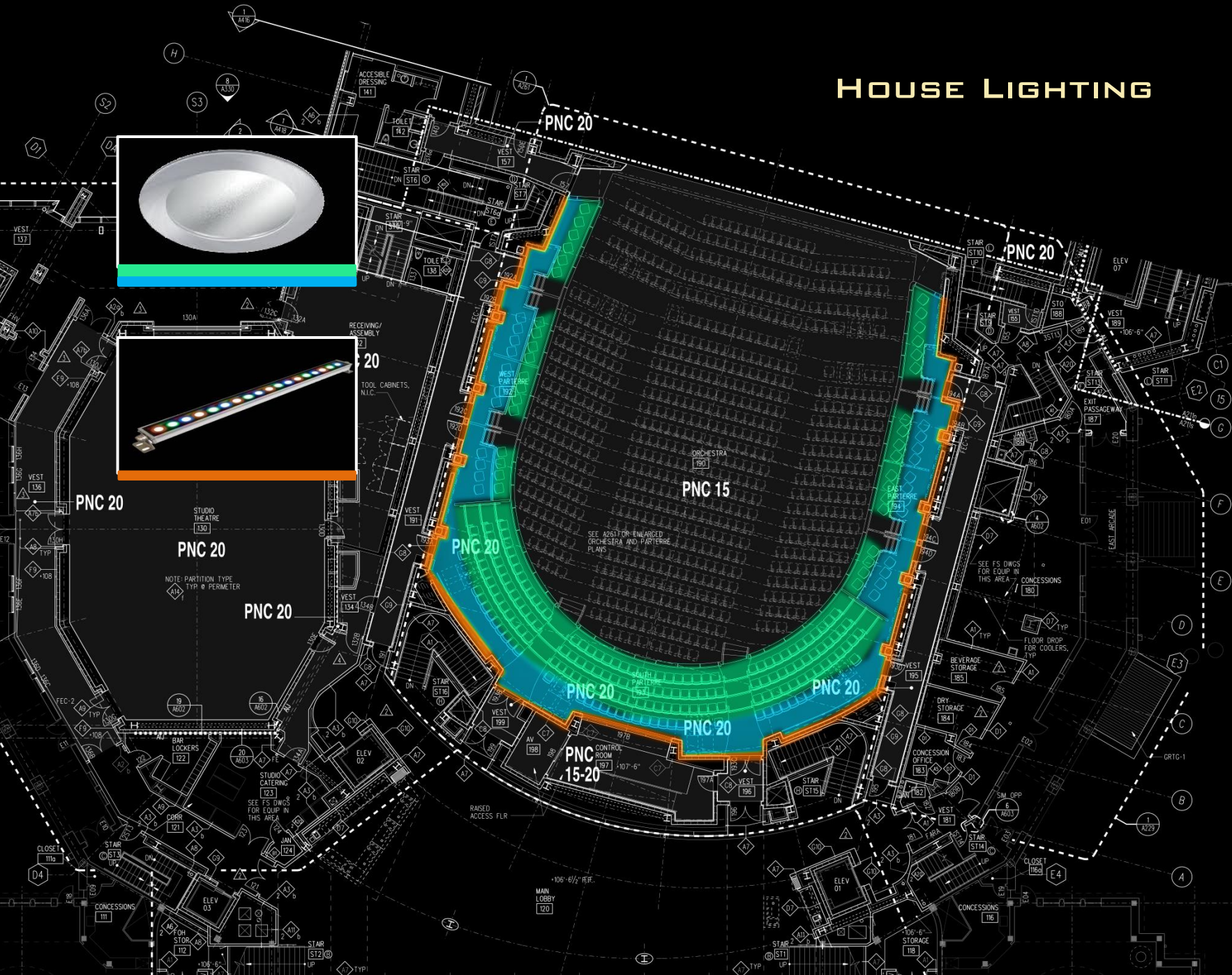




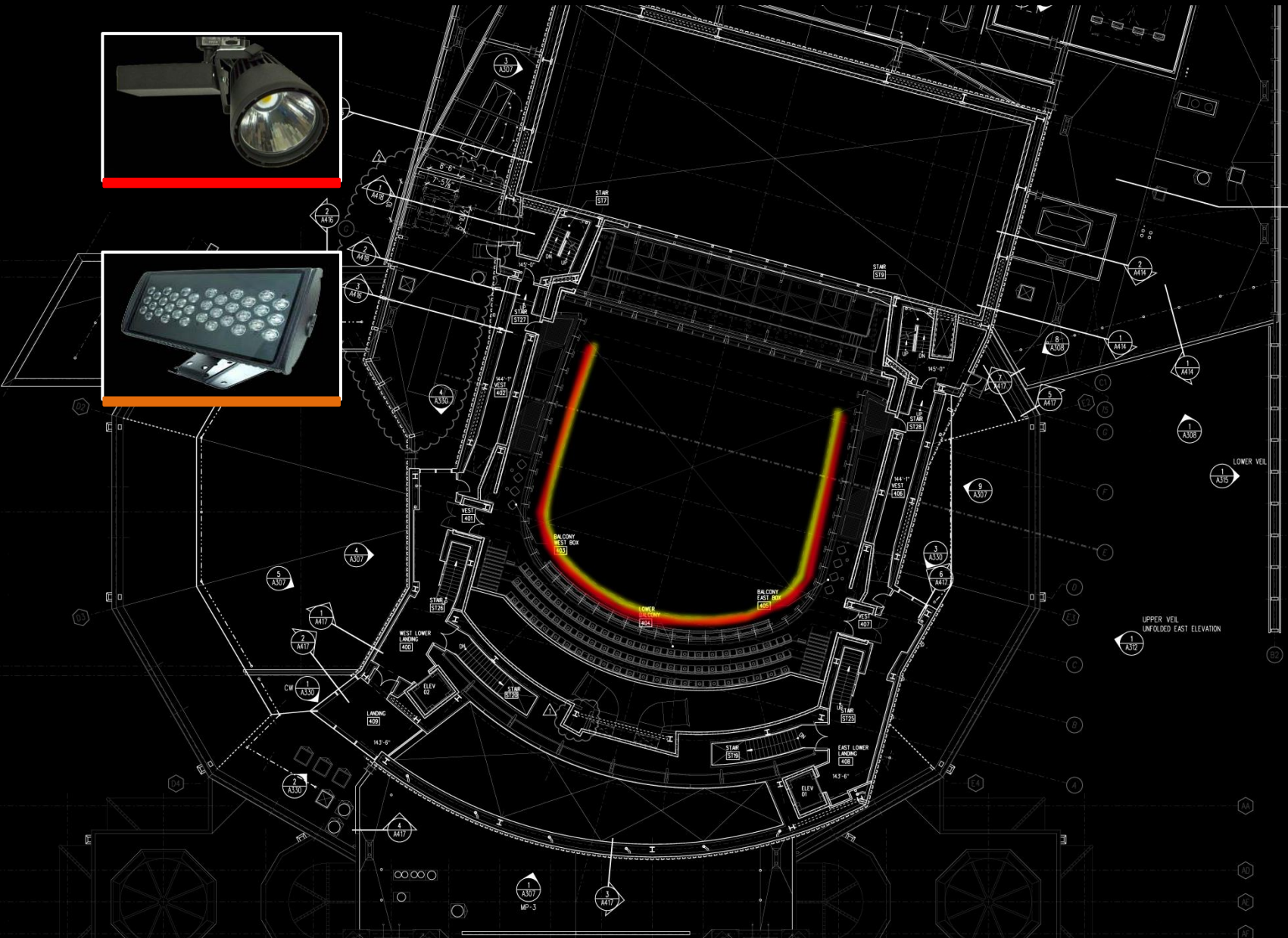
AISLE & STEP LIGHTING



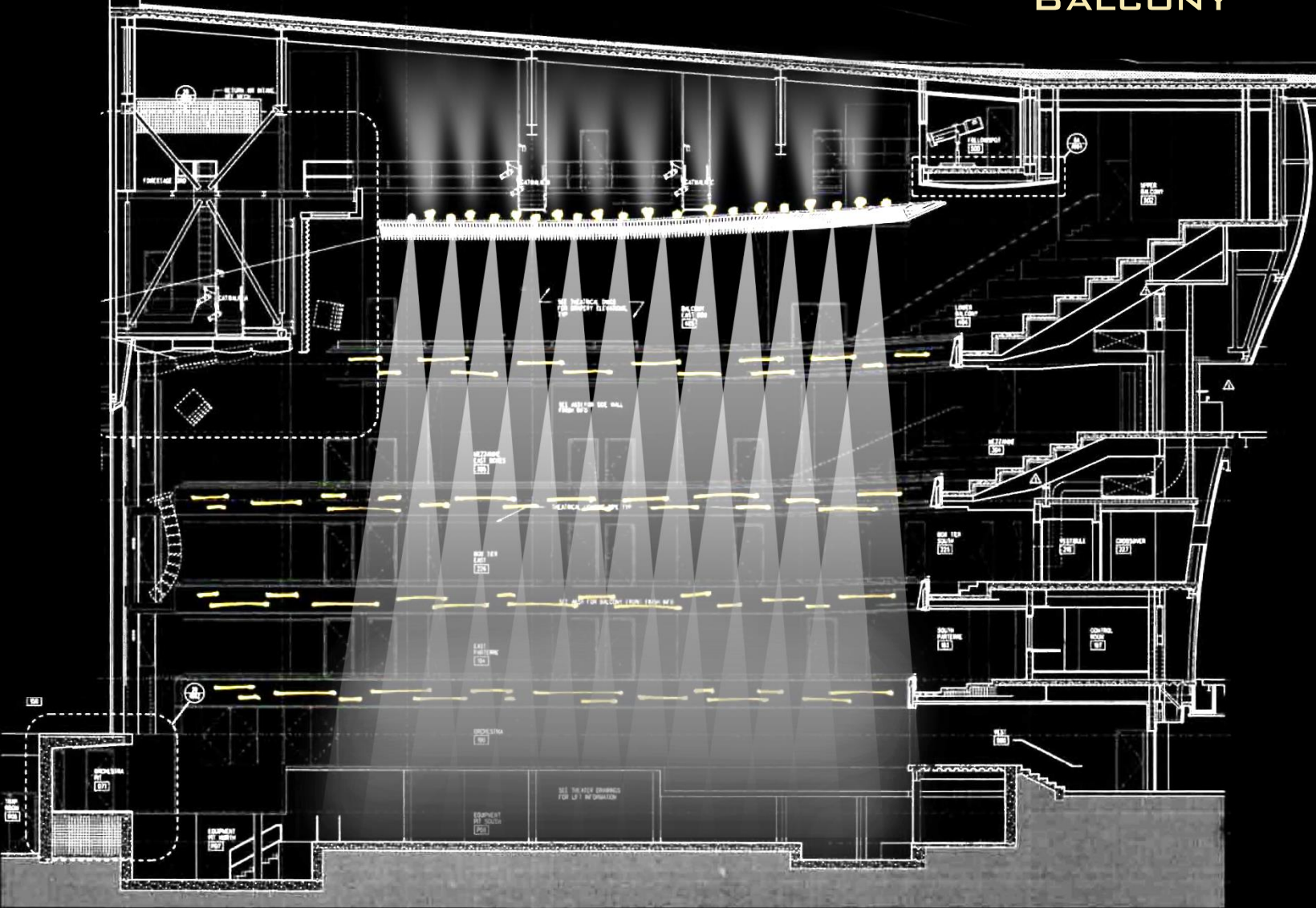
HOUSE LIGHTING



HOUSE LIGHTING



BALCONY



BALCONY

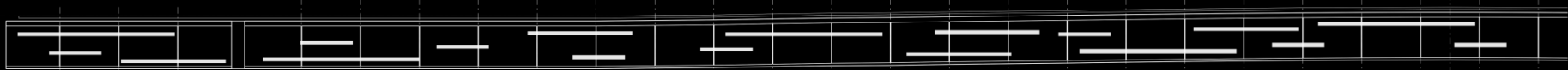
BALCONY EAST



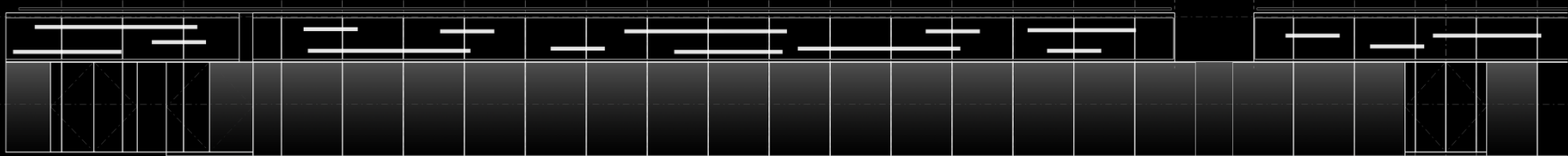
MEZZANINE EAST



BOX TIER EAST



EAST PARTERRE

















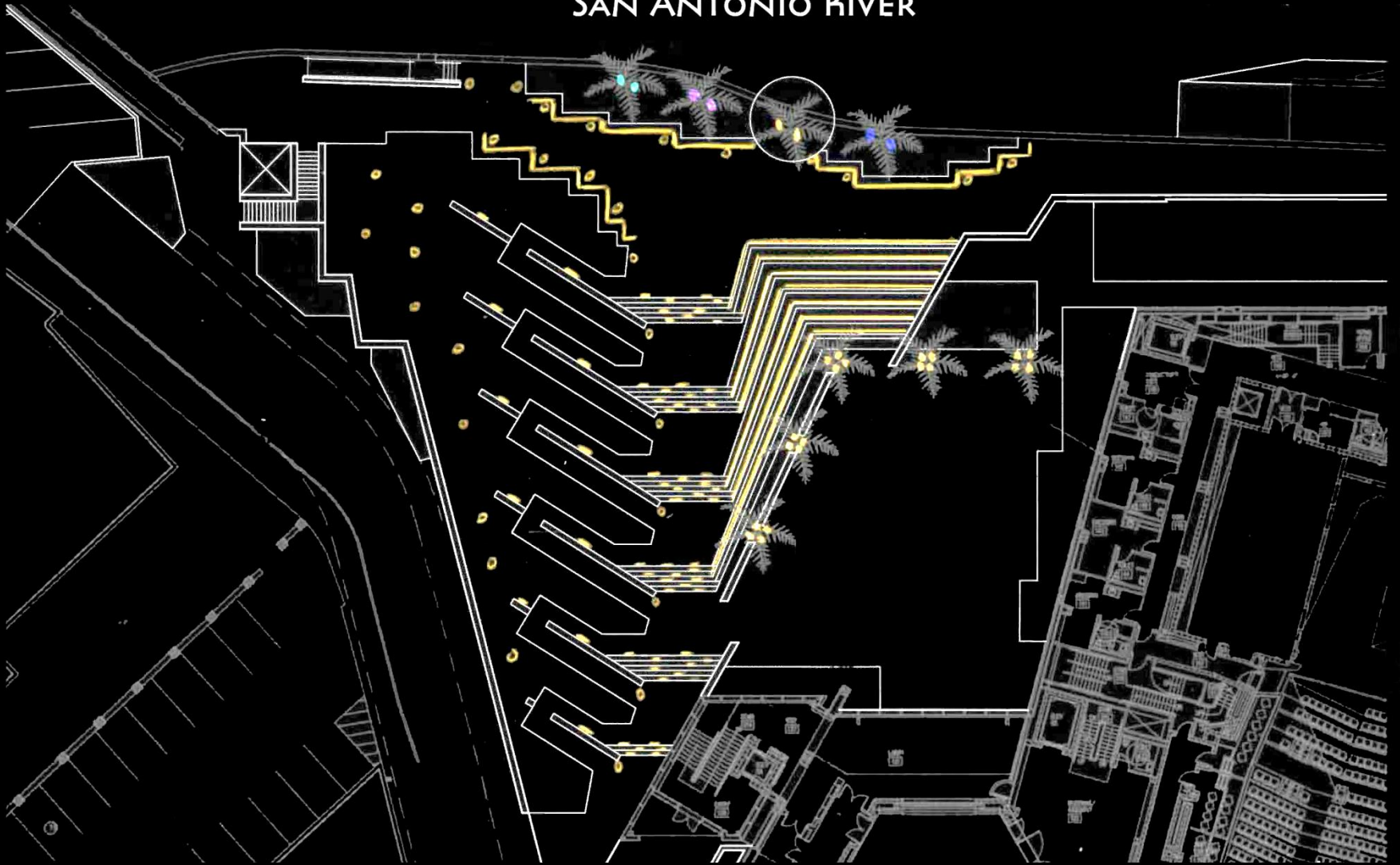
An architectural floor plan of a building, rendered in a dark grey color against a black background. A specific area in the upper-left quadrant of the plan is highlighted with a bright yellow color. The highlighted area is roughly rectangular but has a jagged, irregular shape, suggesting it might be a courtyard or a specific room. The rest of the floor plan shows various rooms, corridors, and structural elements.

EVENT PLAZA

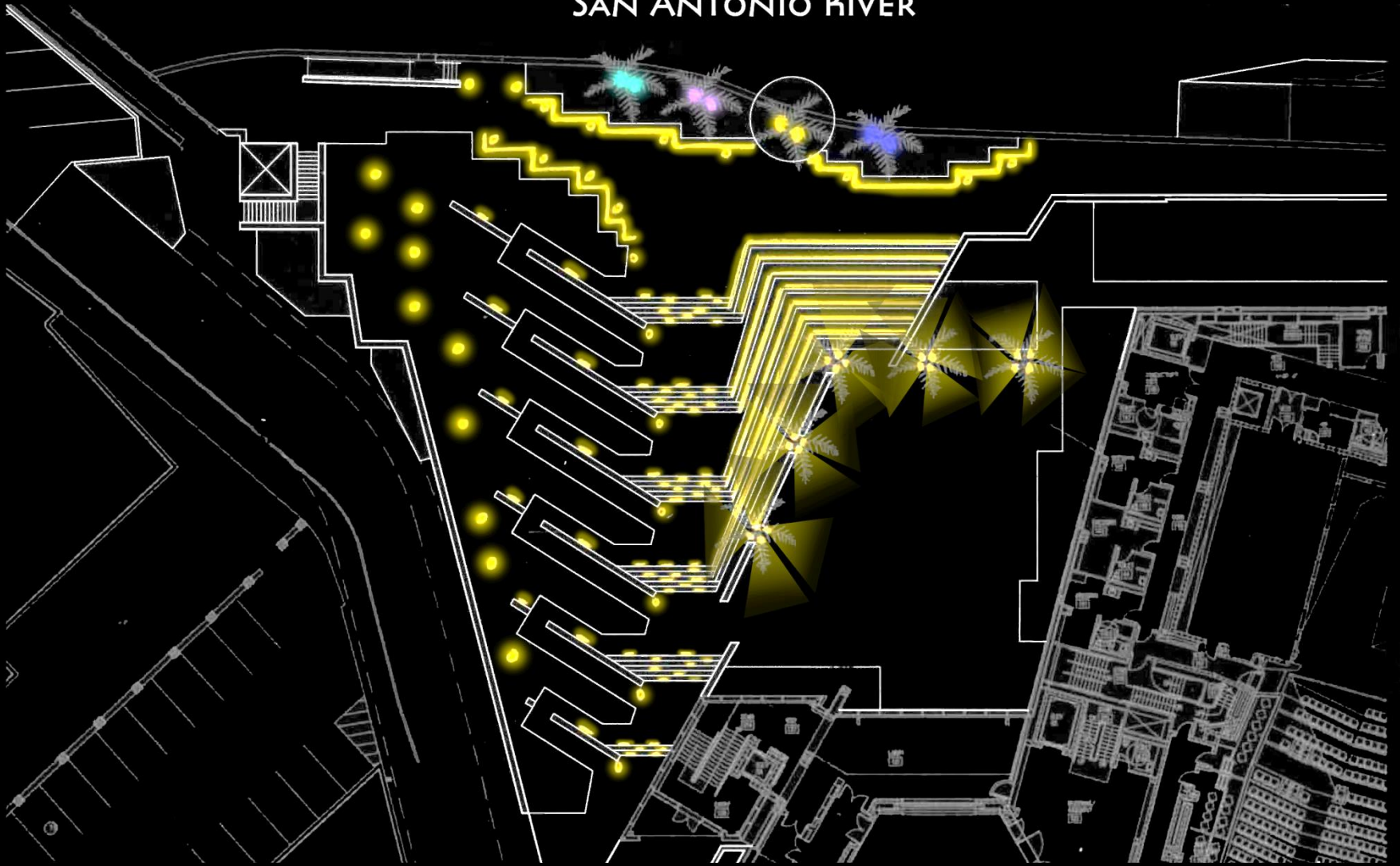
DESIGN CRITERIA

- Wayfinding
- Accent lighting
- Vertical Illumination
- $E_h = 6 \text{ lux @ treads/landings}$
- $E_v = 2 \text{ lux @ 5ft AFG}$

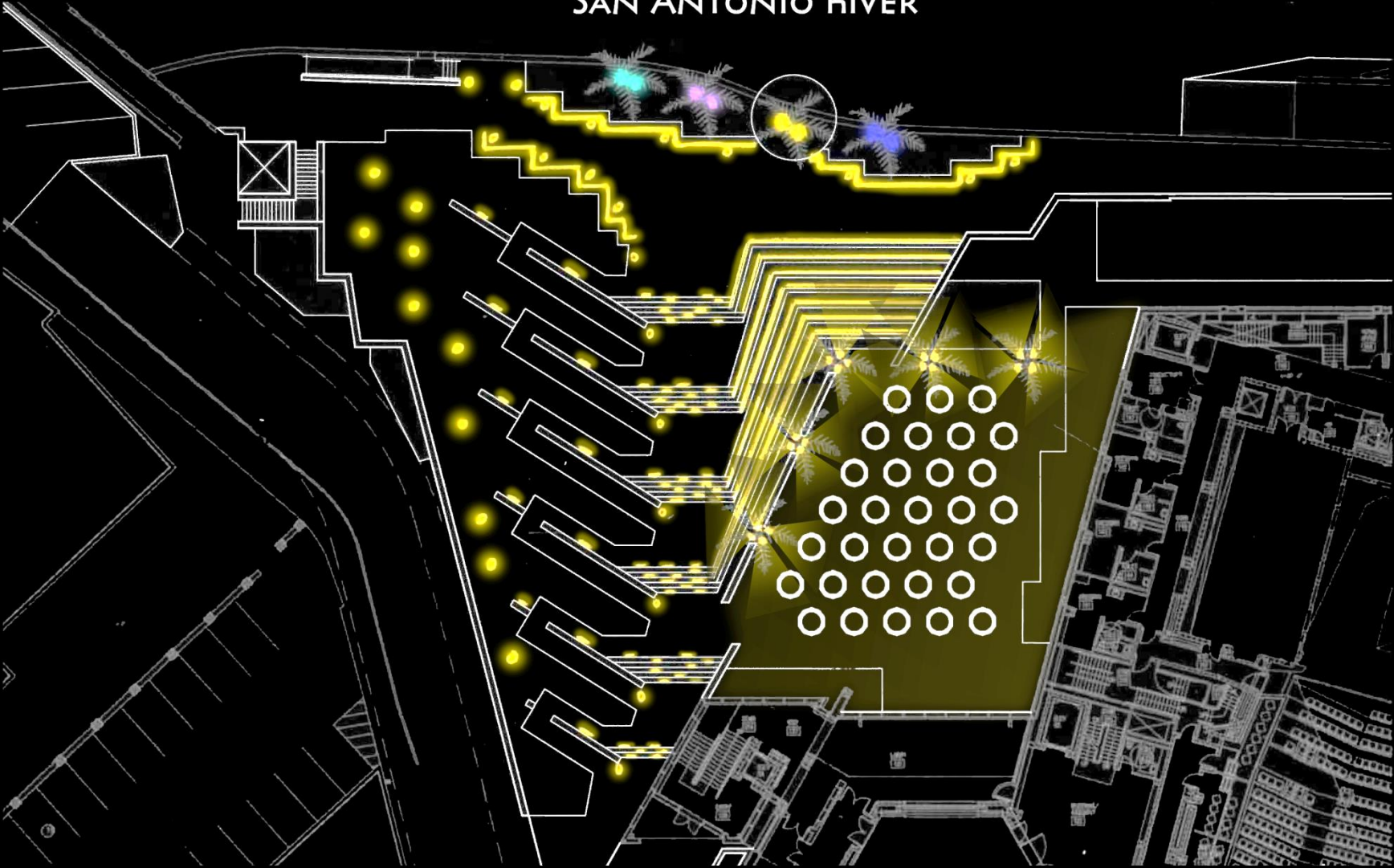
SAN ANTONIO RIVER



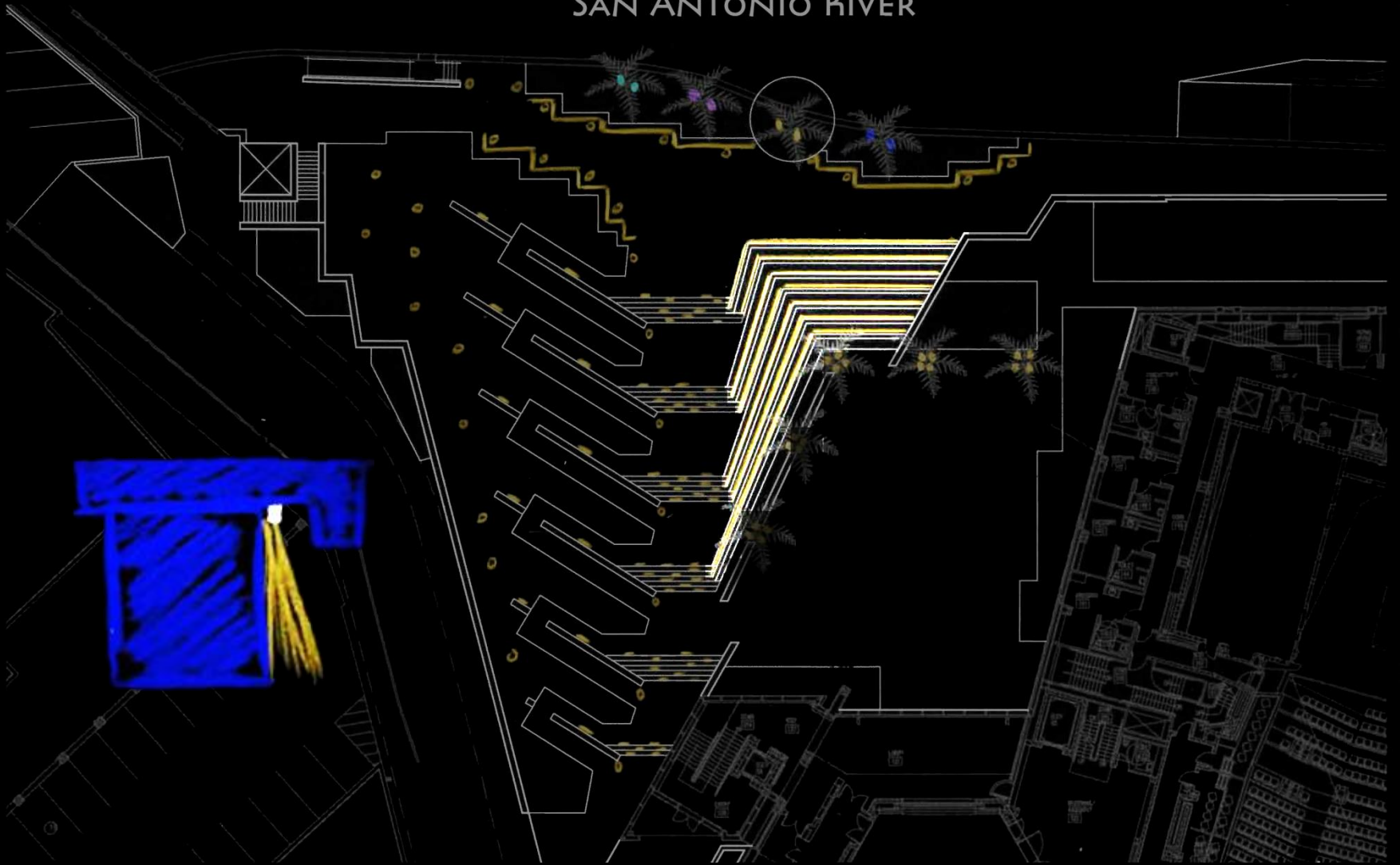
SAN ANTONIO RIVER



SAN ANTONIO RIVER



SAN ANTONIO RIVER





REFERENCES

- Slide 7: <http://bucks.ac.uk/courses/course/BM2PEA1>
- Slide 7: <http://foglobe.com/itzhak-perlman.html>
- Slide 7: <http://fairytalepictures.wordpress.com/2013/05/02/the-best-of-the-best-actors/>
- Slide 7: <http://www.worldcitiescultureforum.com/data-themes/performing-arts>
- Slide 7: <http://www.dailyherald.com/article/20100629/news/306299951/>
- Slide 7: <http://www.libertydowntown.com/reception-hall-performance-events/>
- Slide 8: <http://fineartamerica.com/art/all/miron+abramovici/canvas+prints>
- Slide 14: http://www.princetoninfo.com/index.php?option=com_us1more&Itemid=6&key=12-1-2010LesMiz
- Slide 20: <http://www.familypianoco.com/violin-3/>
- Slide 26: <http://simonparrismaninchair.com/2012/09/19/swan-lake-review/>

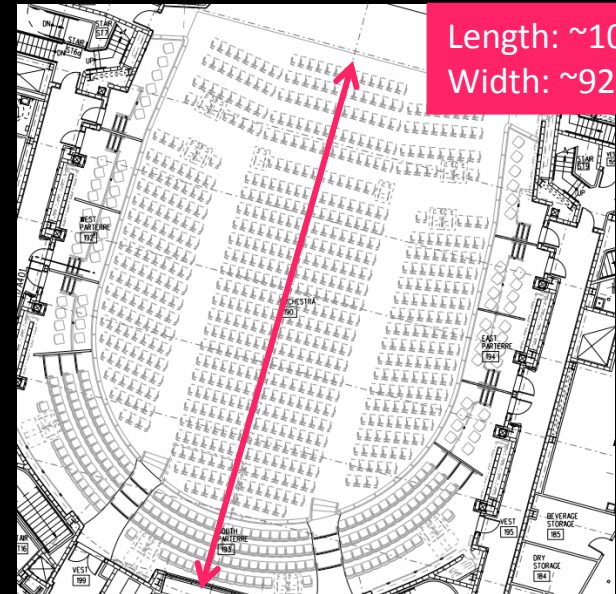
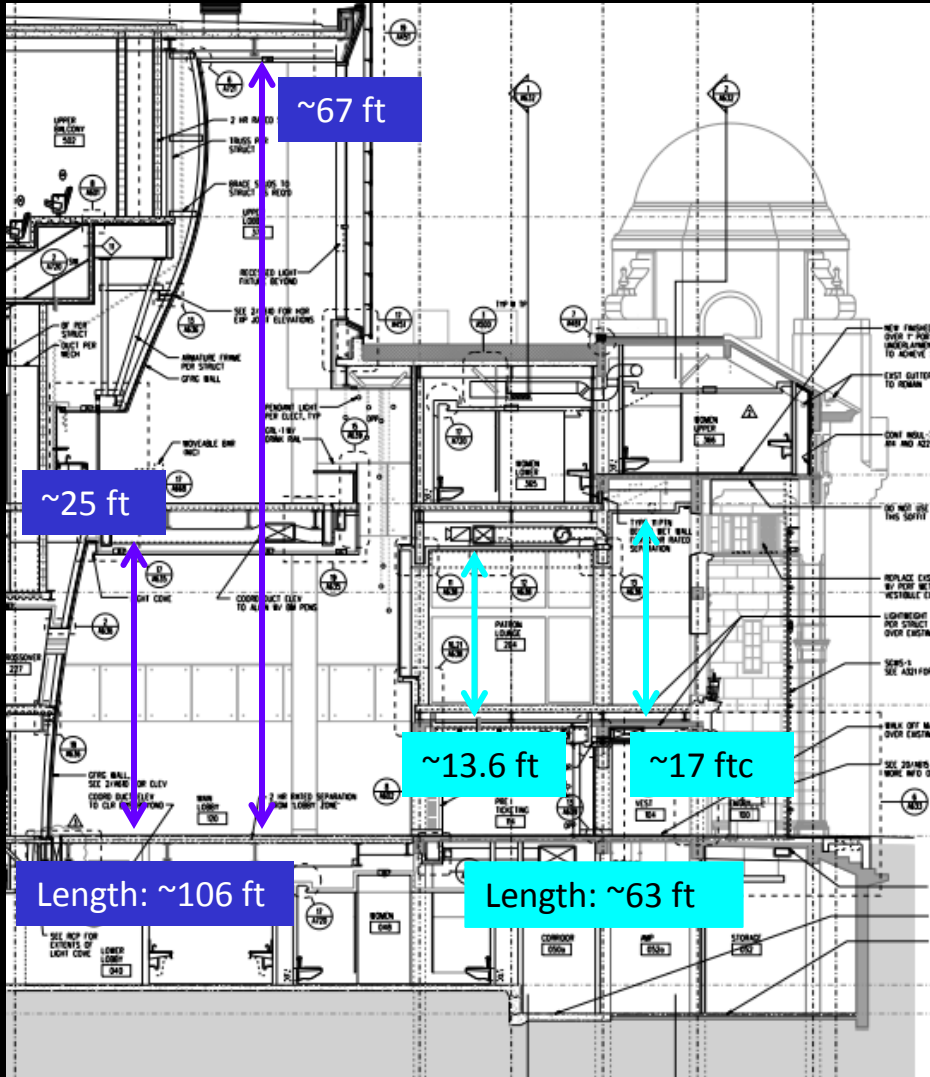
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APPENDIX

DIMENSIONS



Length: ~105 ft
Width: ~92 ft

APPROXIMATE OVERALL LENGTH 58'-0"
 DONOR WALL CONSISTS OF NINE (9) PANELS
 OF EQUAL WIDTH AND HEIGHT.

5/8" THICK PAINTED ALUMINUM PANELS
 WITH WATERJET TYPOGRAPHY. PANEL
 SIZE IS APPROX. 77" x 62". DONOR
 NAMES ARE BACKED WITH 1/16" THICK
 POLISHED METAL PANELS IN TWO
 FINISHES:

TIER 1 AND 2 DONORS
 1) BRUSHED BRASS

TIER 3 AND 4 DONORS
 2) BRUSHED STAINLESS STEEL

PANELS ARE SECURED TO WALL WITH
 FRENCH CLEAT SYSTEM AND ARE
 REMOVABLE FOR FUTURE UPDATE. DONOR
 NAME LETTERFORM CENTERS ("O", "R" ETC.)
 ARE SECURED TO METALLIC BACKER PANELS
 WITH ADHESIVE AS REQD.

PAINT REQUIRES ADDITION OF
 FLATTENING AGENT TO ADJUST
 PAINT SHEEN. PANEL FINISH, COLOR
 AND SHEEN LEVEL IS TO MATCH
 FINISH OF ADJACENT WALL SURFACES.
 SAMPLES REQD.

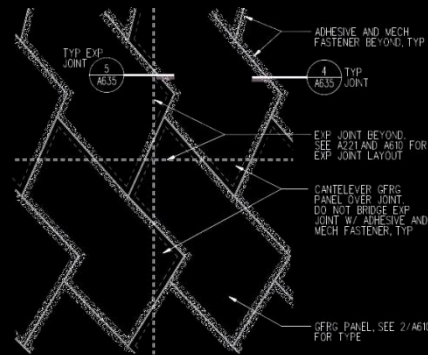
1/4" MAXIMUM SPACE BETWEEN
 PANELS. SPACES ARE TO BE EQUAL
 ALONG LENGTH OF WALL.

VA & CHARLE
 ELLEN &
 A KRAUSE & WILLIAM
 S
 JONI & MILES BENI
 ALL
 EDYTHE L. BROAD F
 ONYMOUS

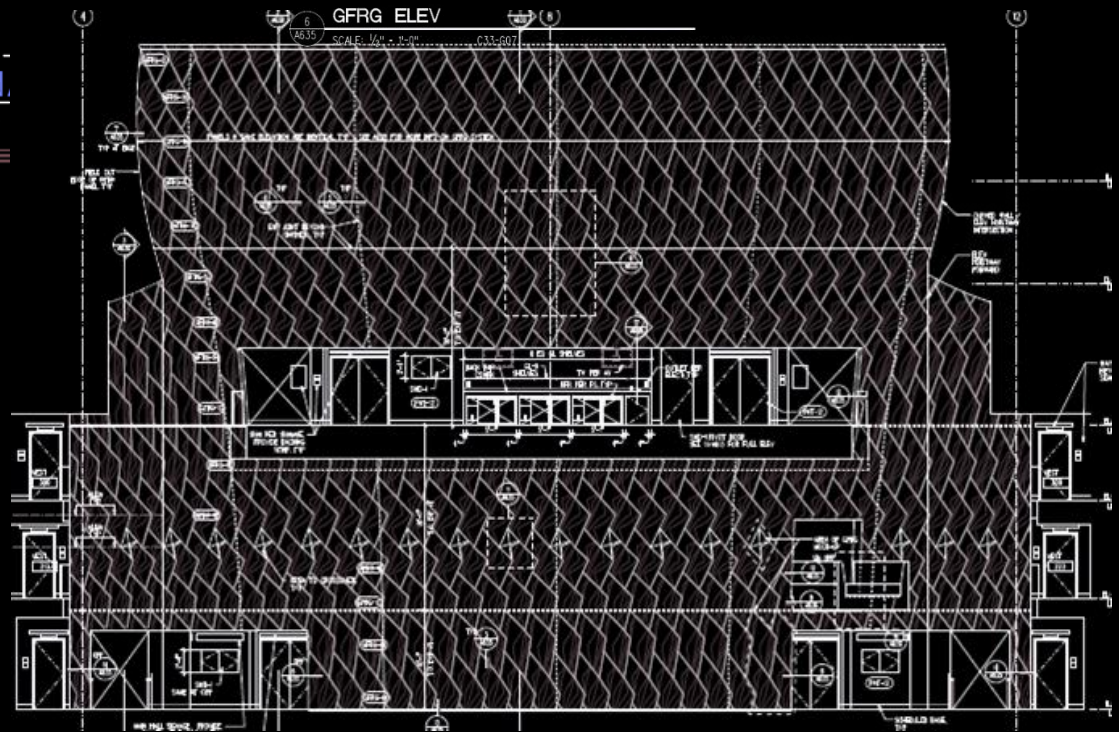
RONALD J. ARN



MAIN LOBBY



GLASS FIBER REINFORCED
 GYPSUM



MAIN AUDITORIUM



Smith Center, Las Vegas, NV



Bass Hall, Forth Worth, TX

