



Lighting / Electrical Tech 3

THE WINSOR SCHOOL

Center for Performing Arts + Wellness

Maggie Golden
11.14.14



THE WINSOR SCHOOL

- Founded in 1886 as a Women's Prep School
- Grades K-12 and Tuition of \$40,550 per year
- Ranked 10th best prep school in country
- 7 acre campus founded in 1910 near Brookline
- 430 Students, 1/2 end up attending Ivy League







HARVARD

CAMBRIDGE

MIT

FENWAY

COMMONS

BOSTON

NORTH END









Lubin-O'Donnell Center

- Center for Performing Arts and Wellness
- \$71 Million Dollar Estimated Cost
- Dance Spaces, Black Box and 3-Story Theatres
- Gymnasium, Workout Rooms and Squash Courts
- Set to be completed in September 2015







Limestone, Tan Brick
Fritted / Clear Glazing
Green Trellis Wall
Wood Panels / Slats
Perforated Tan Metal
Refined / Modern Lighting

Red Brick
Single Hung Windows
Wood Flooring
Painted White Wood
Stone Units
Large / Heavy Lighting





Performing Arts Theatre



Wellness Lobby + Corridor



Arts + Wellness Entrance



Dance Rehearsal Room



Performing Arts Theatre



Wellness Lobby + Corridor



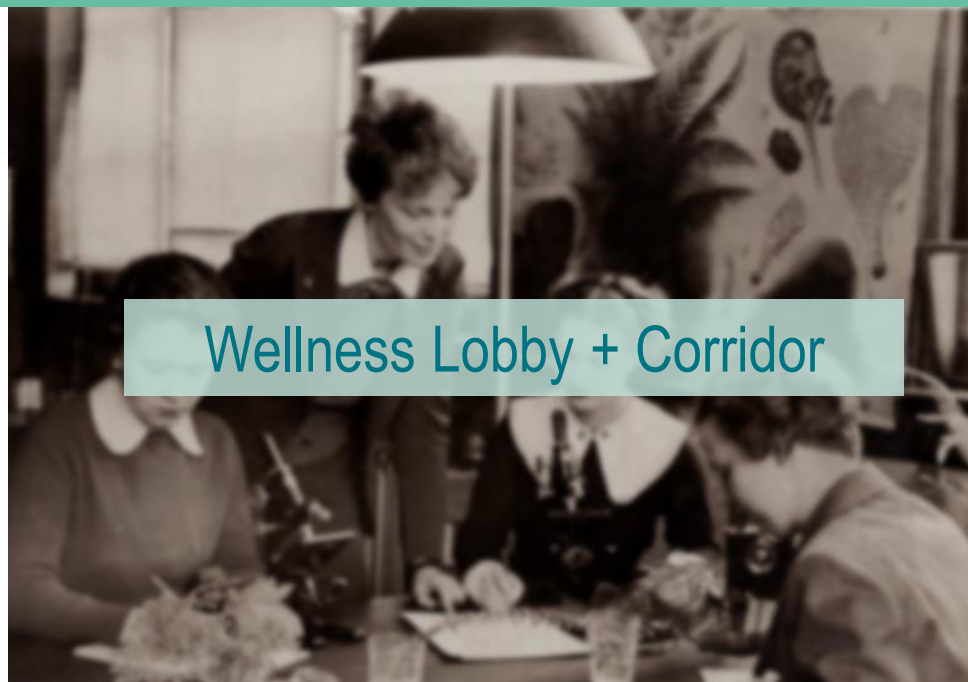
Arts + Wellness Entrance



Dance Rehearsal Room



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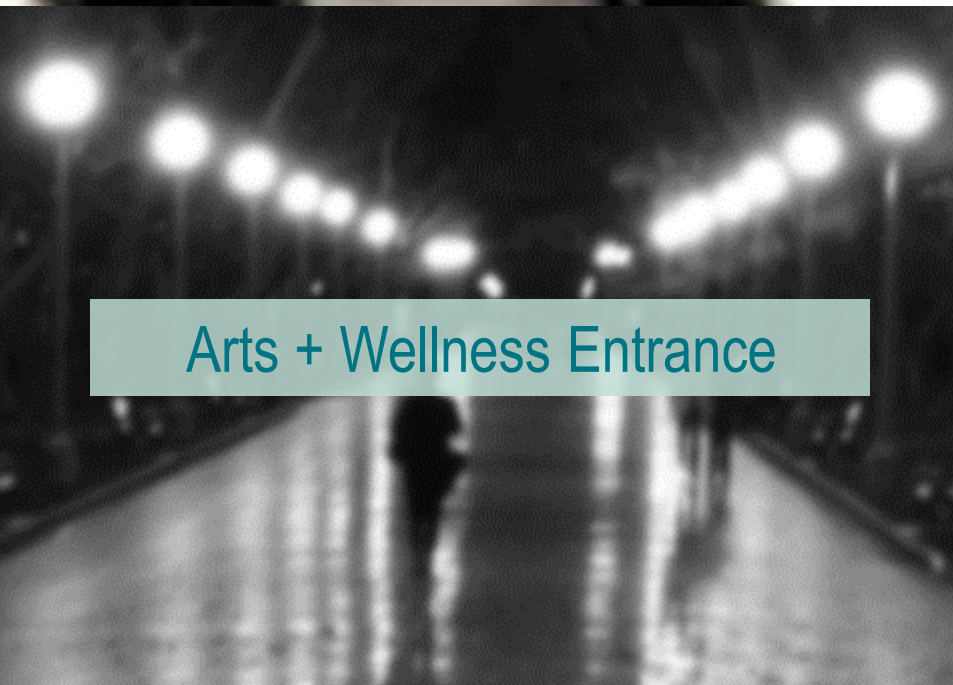
Dance Rehearsal Room



Performing Arts Theatre



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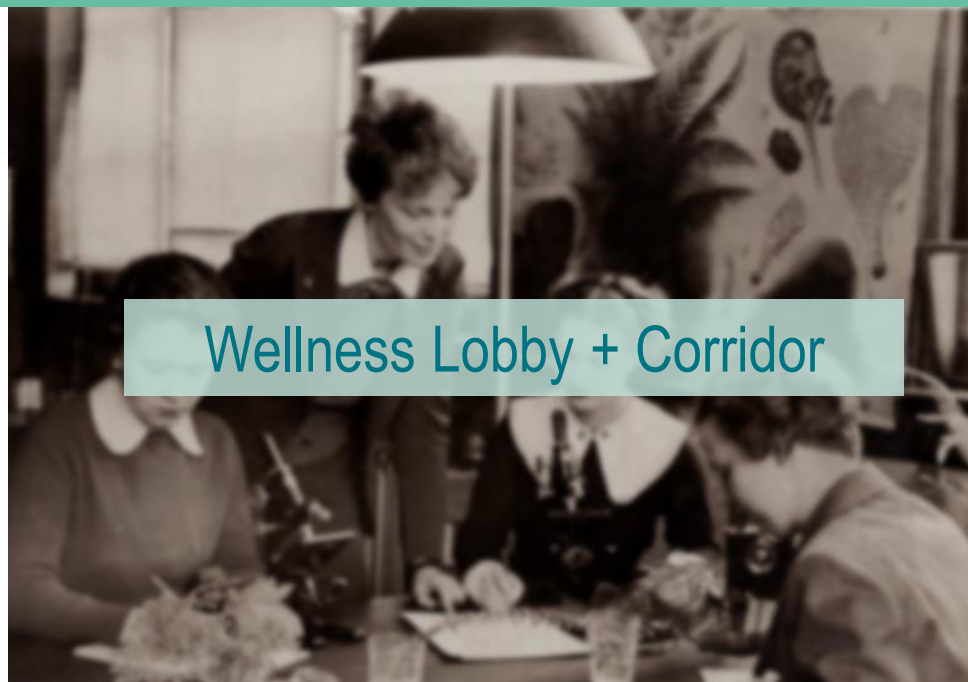
Arts + Wellness Entrance



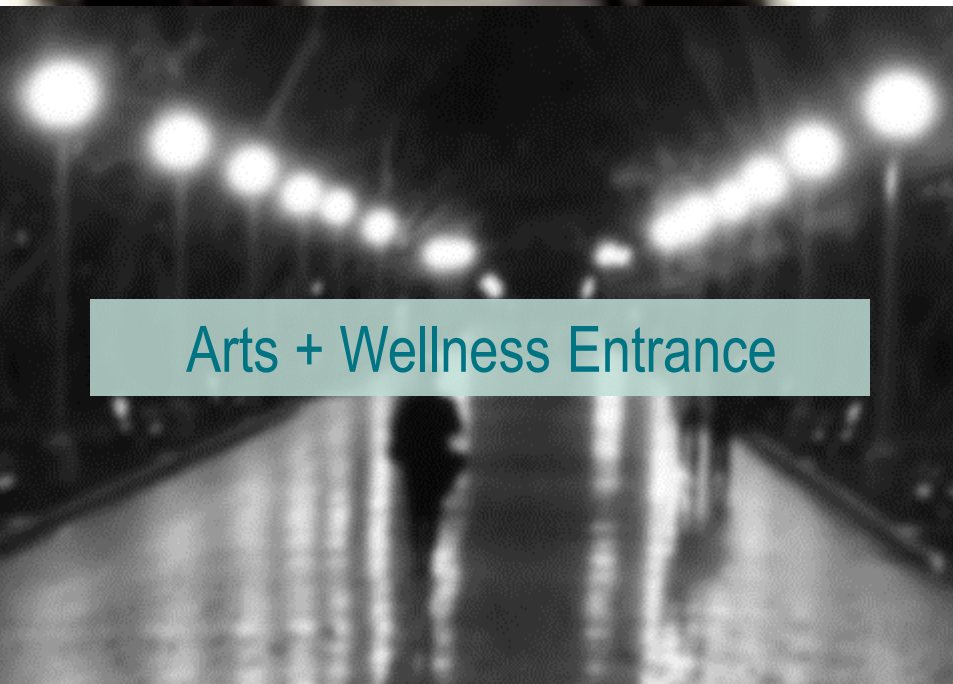
Dance Rehearsal Room



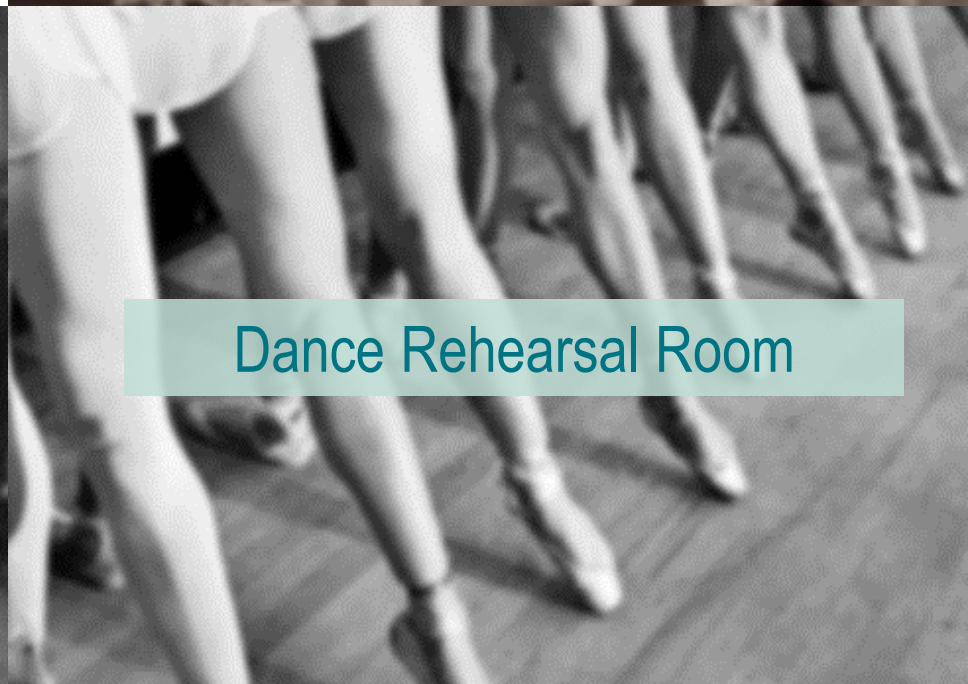
Performing Arts Theatre



Wellness Lobby + Corridor



Arts + Wellness Entrance



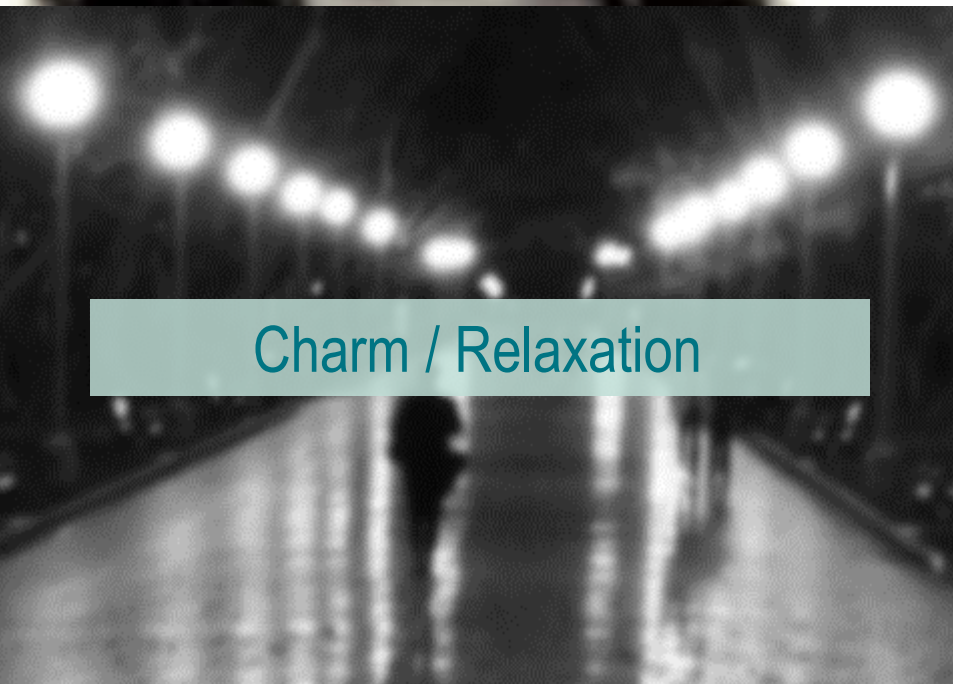
Dance Rehearsal Room



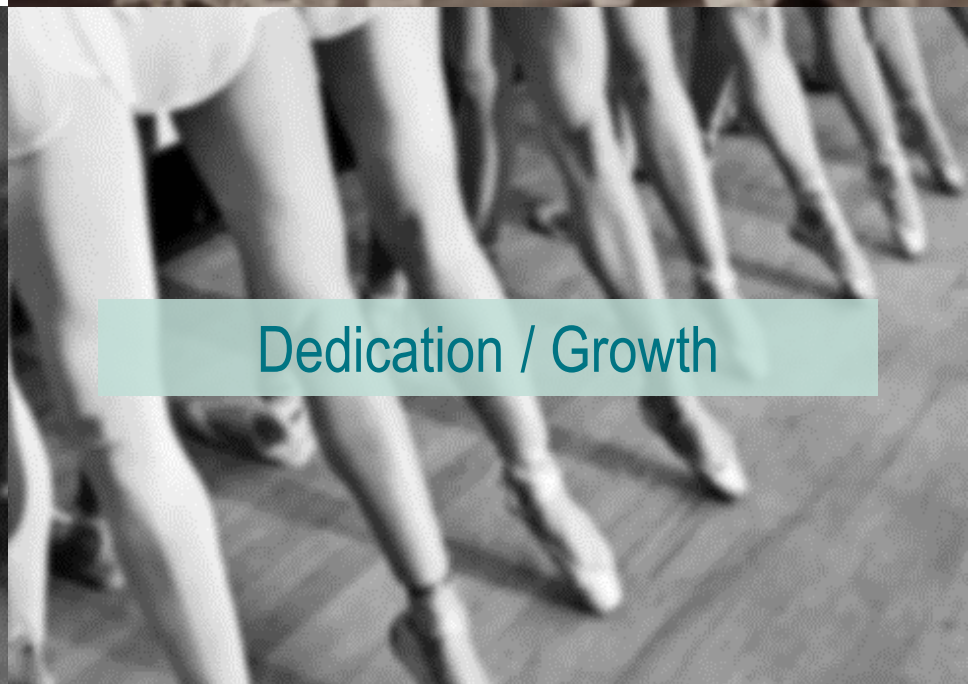
Expression / Drama



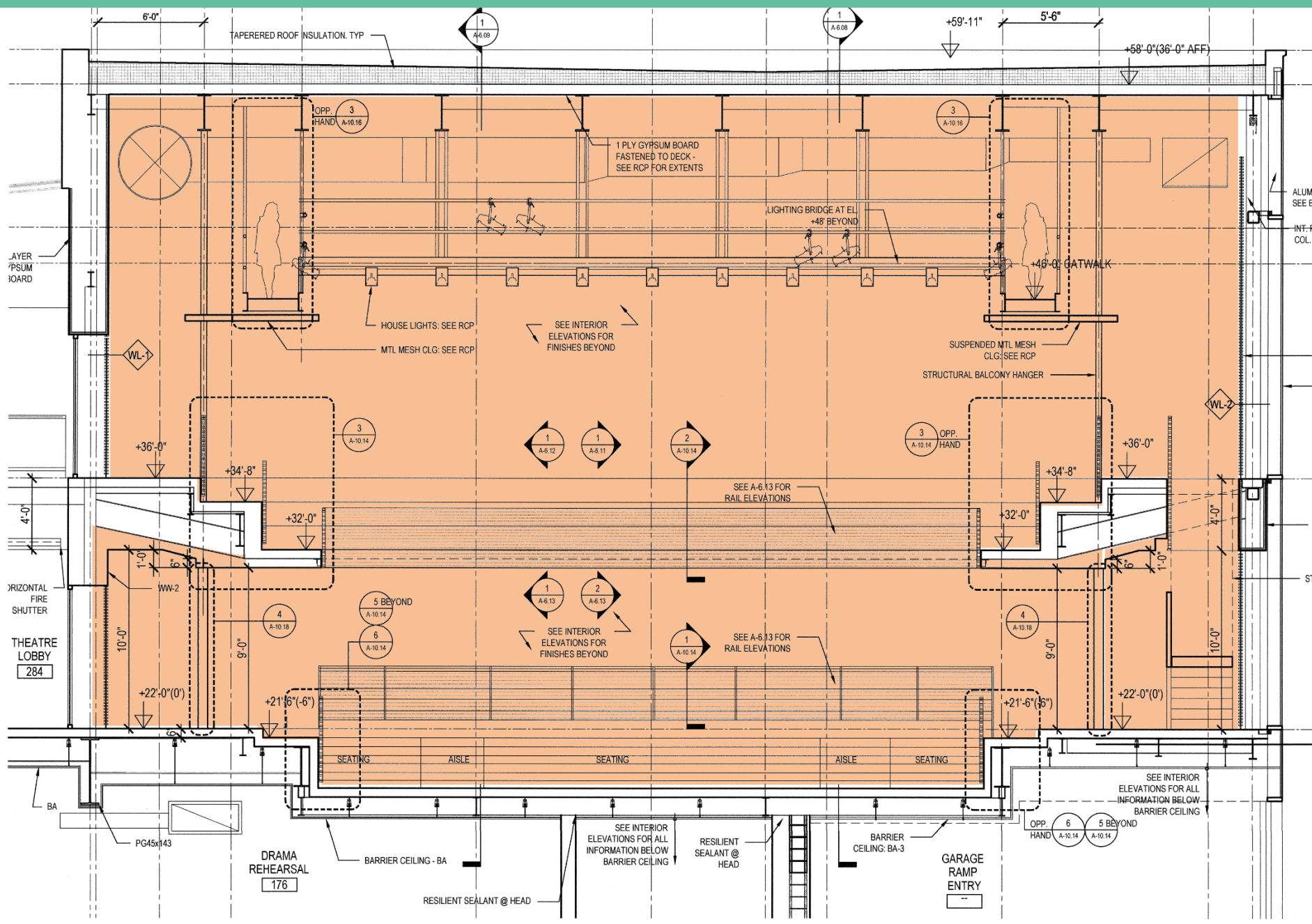
Collaboration / Study

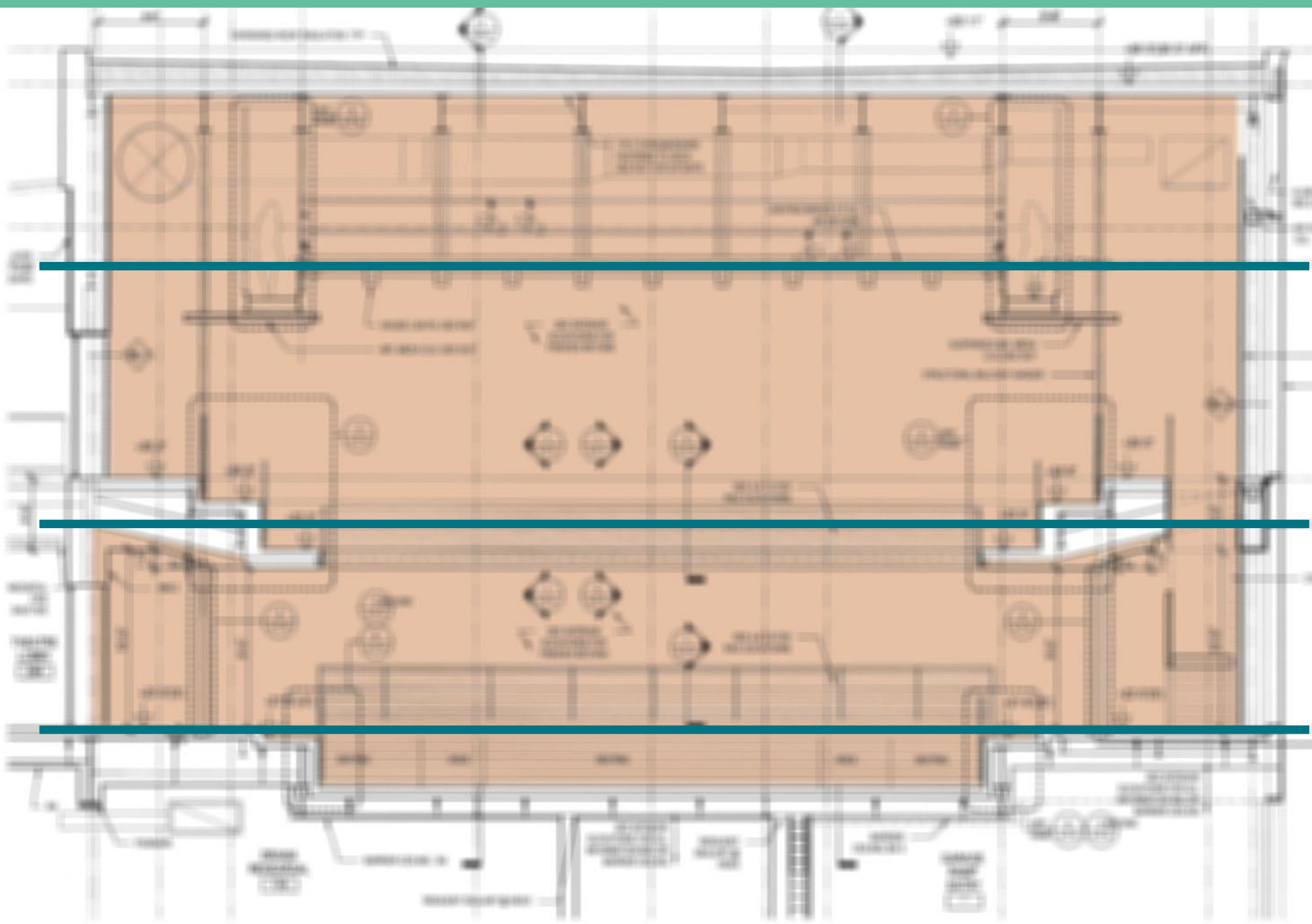


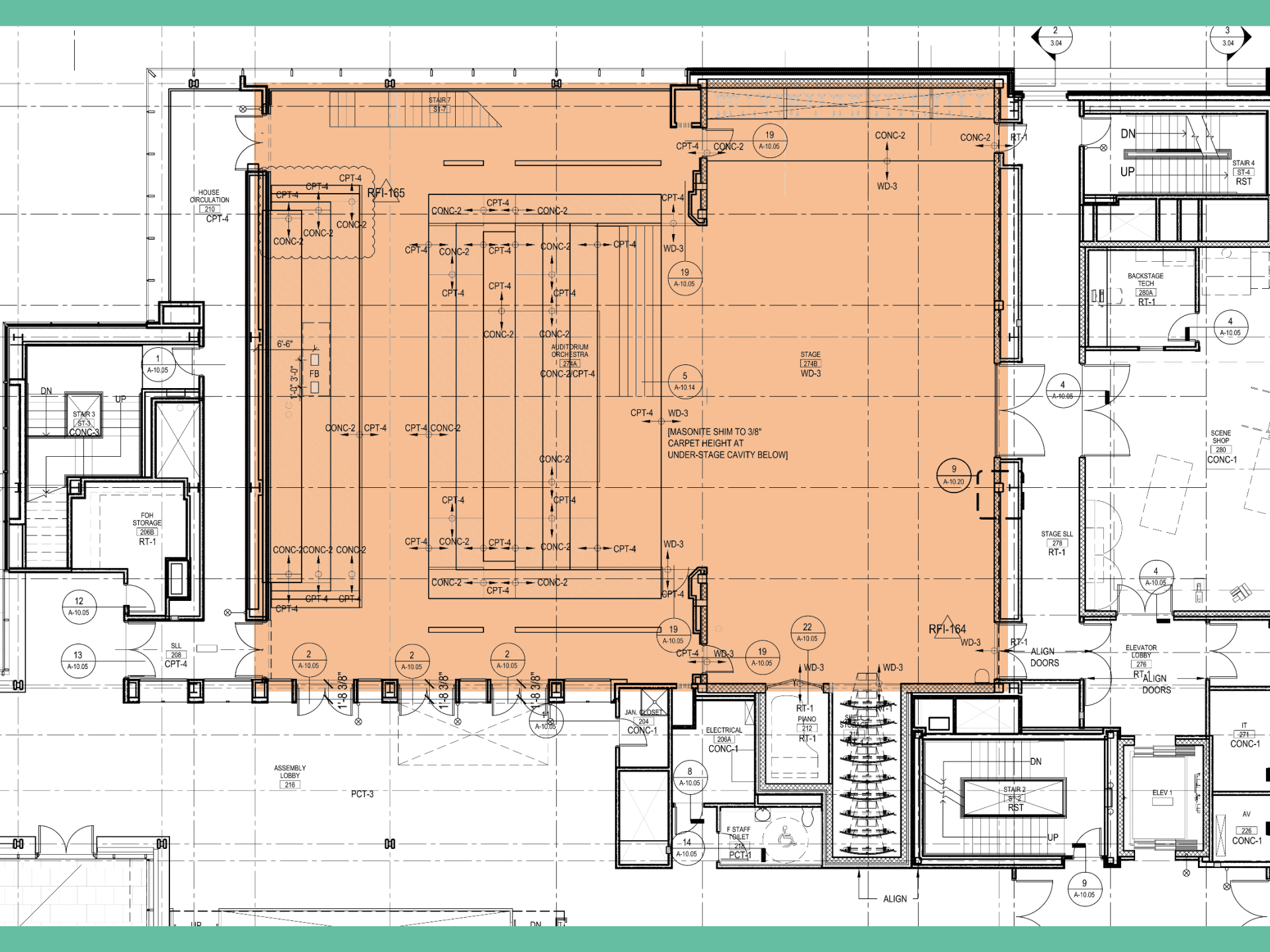
Charm / Relaxation



Dedication / Growth



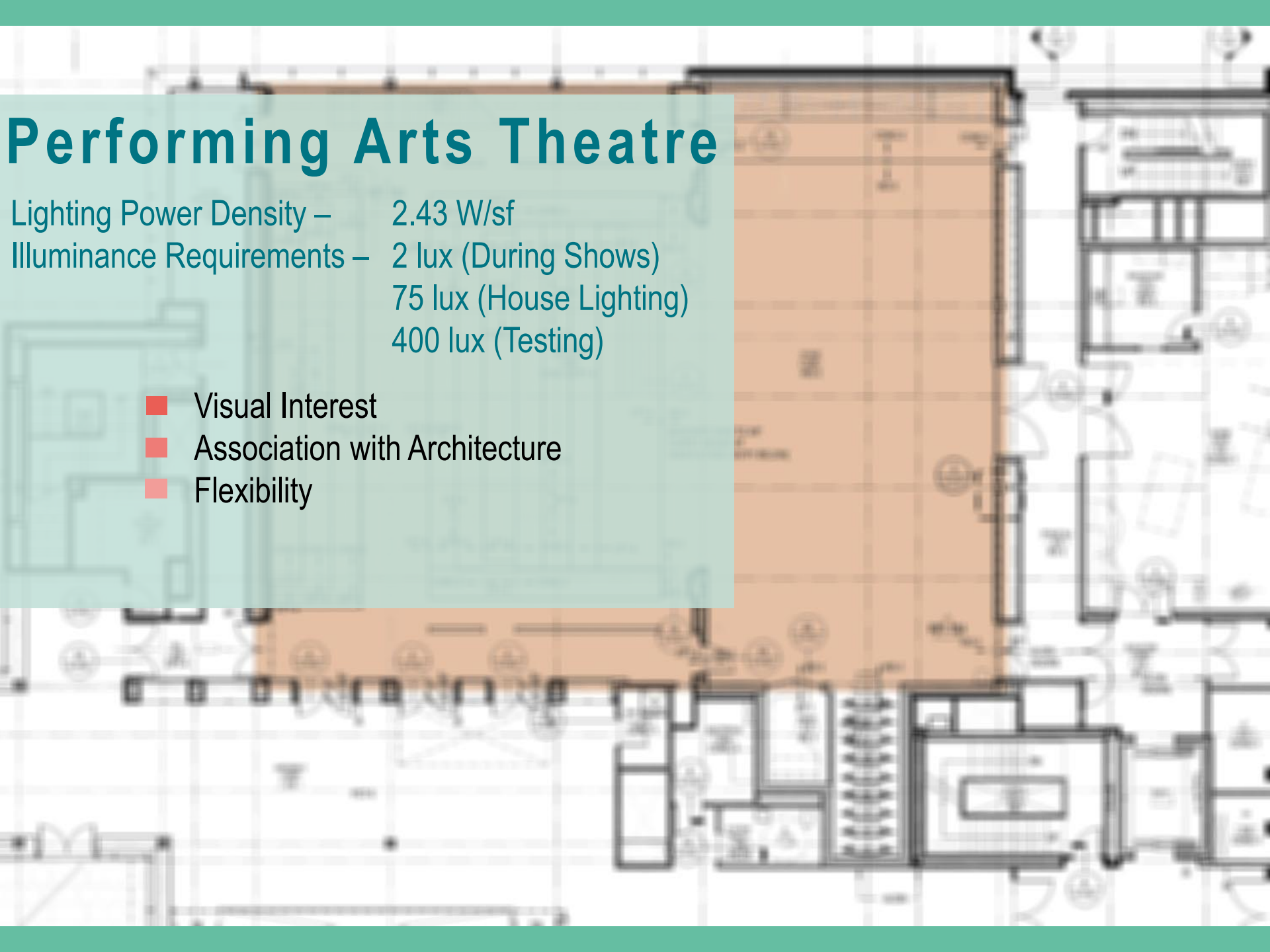




Performing Arts Theatre

Lighting Power Density – 2.43 W/sf
Illuminance Requirements – 2 lux (During Shows)
75 lux (House Lighting)
400 lux (Testing)

- Visual Interest
- Association with Architecture
- Flexibility



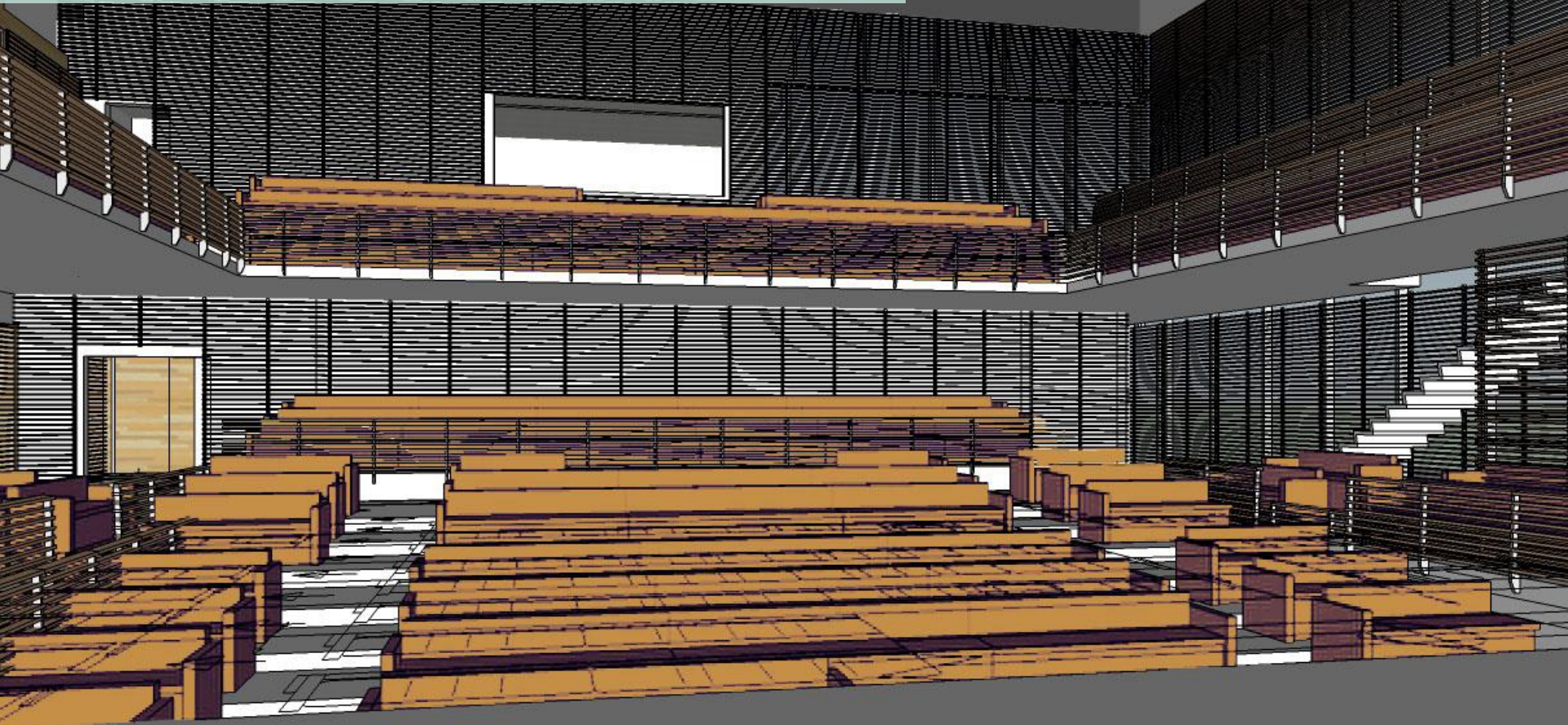
Performing Arts Theatre

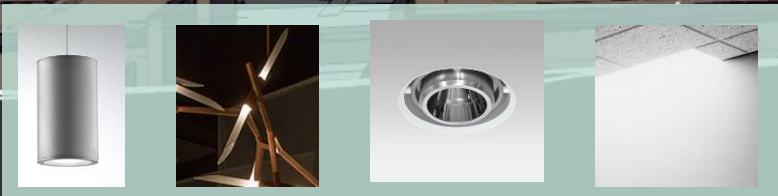
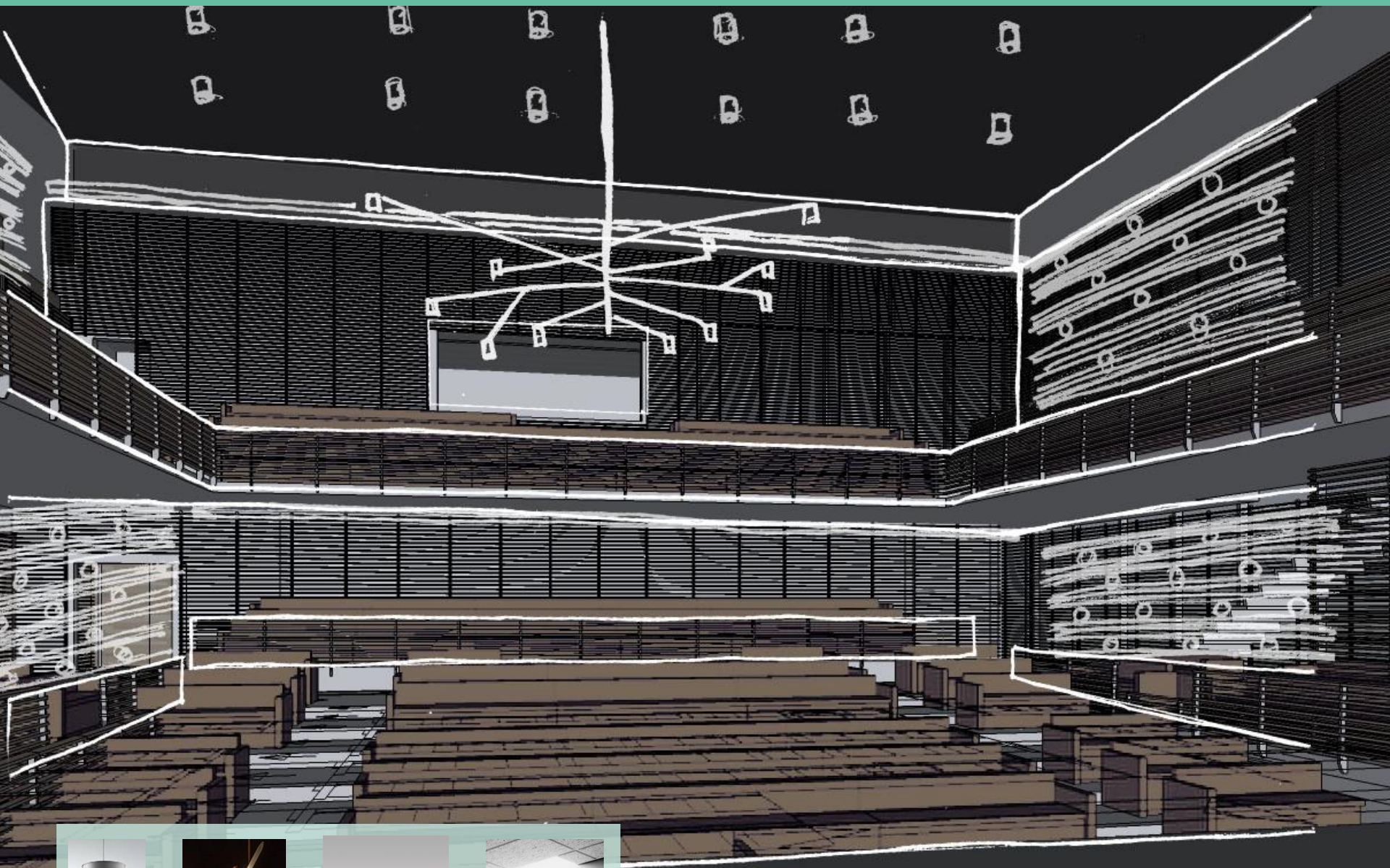
Option One

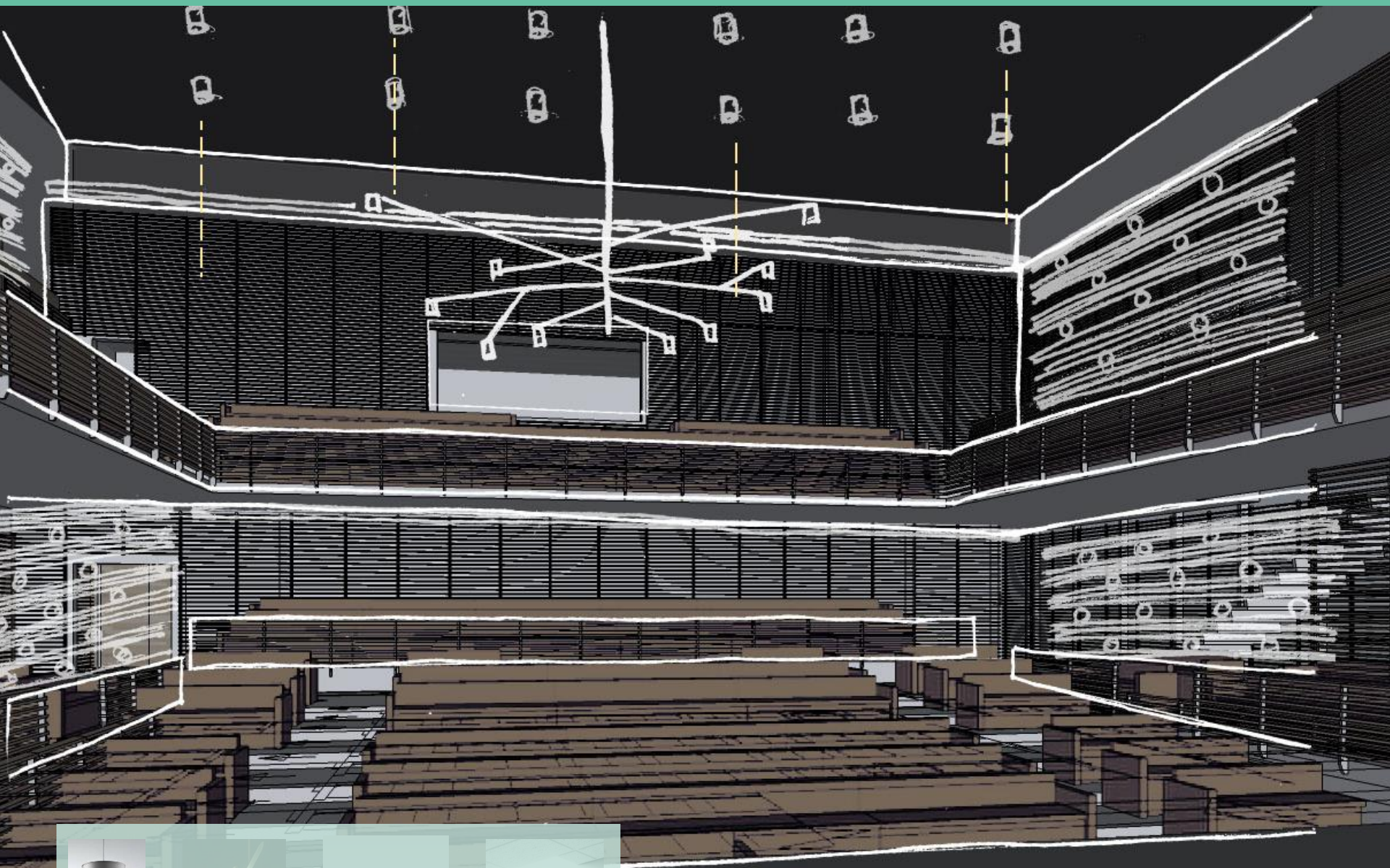


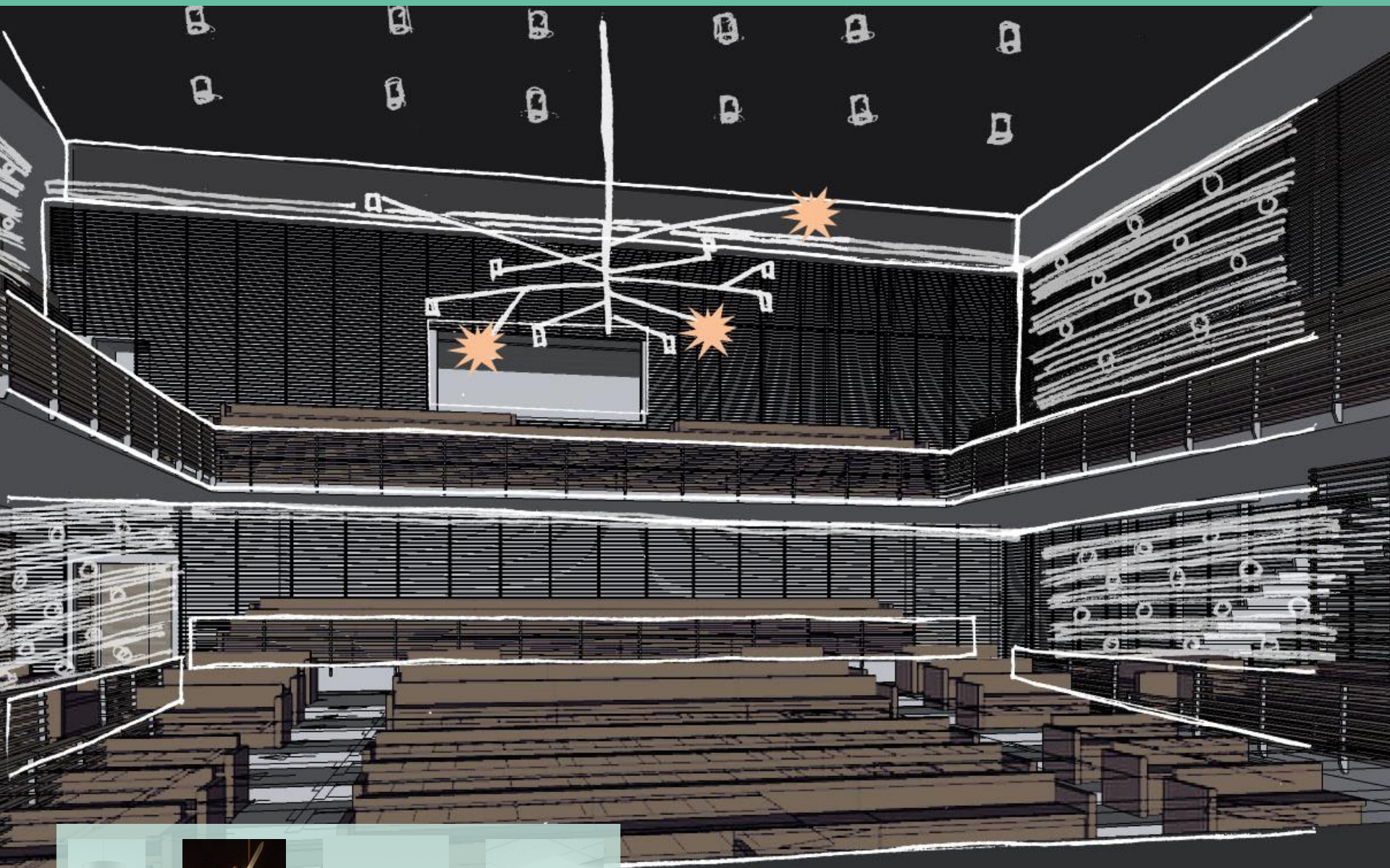
Performing Arts Theatre

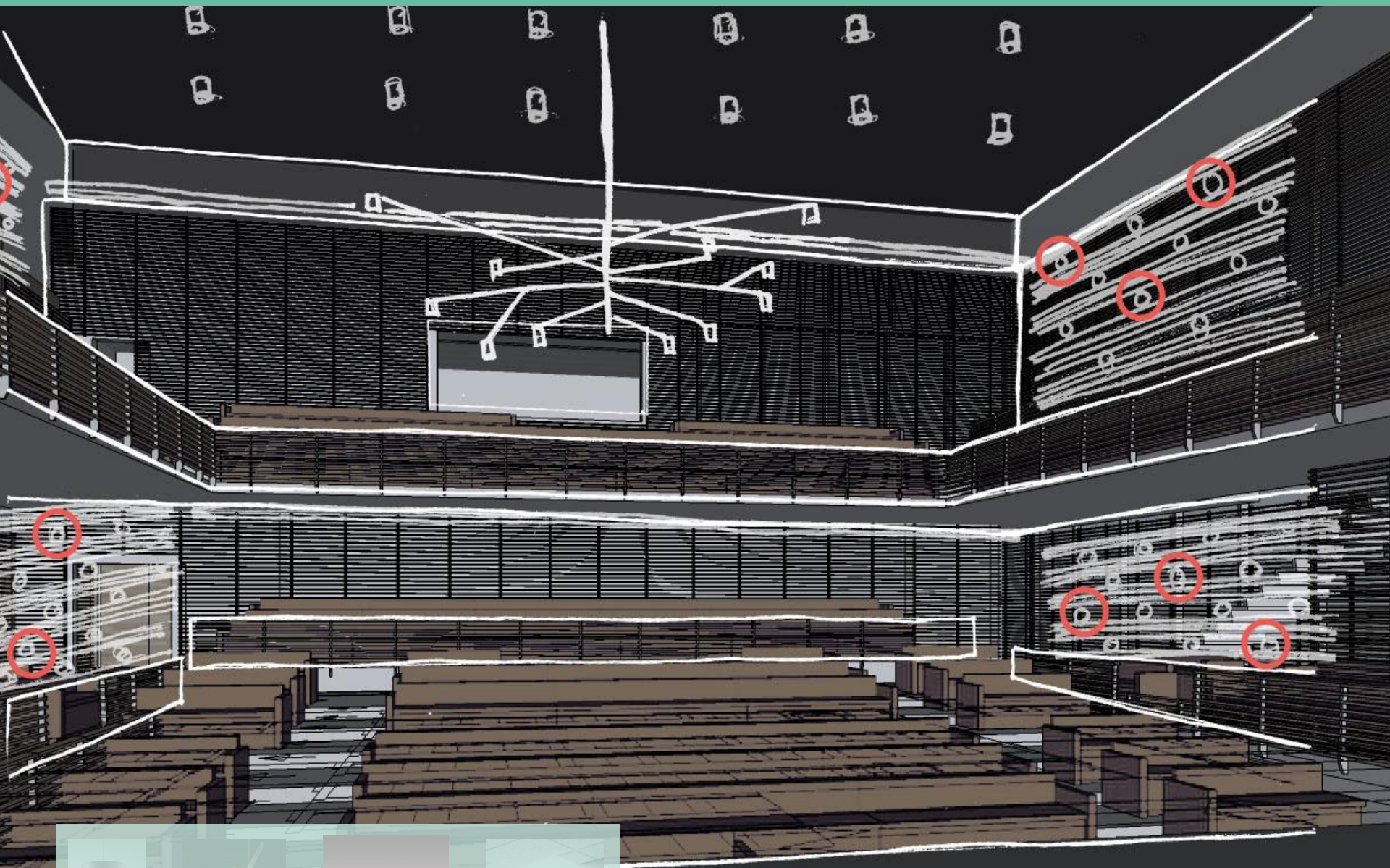
Option One

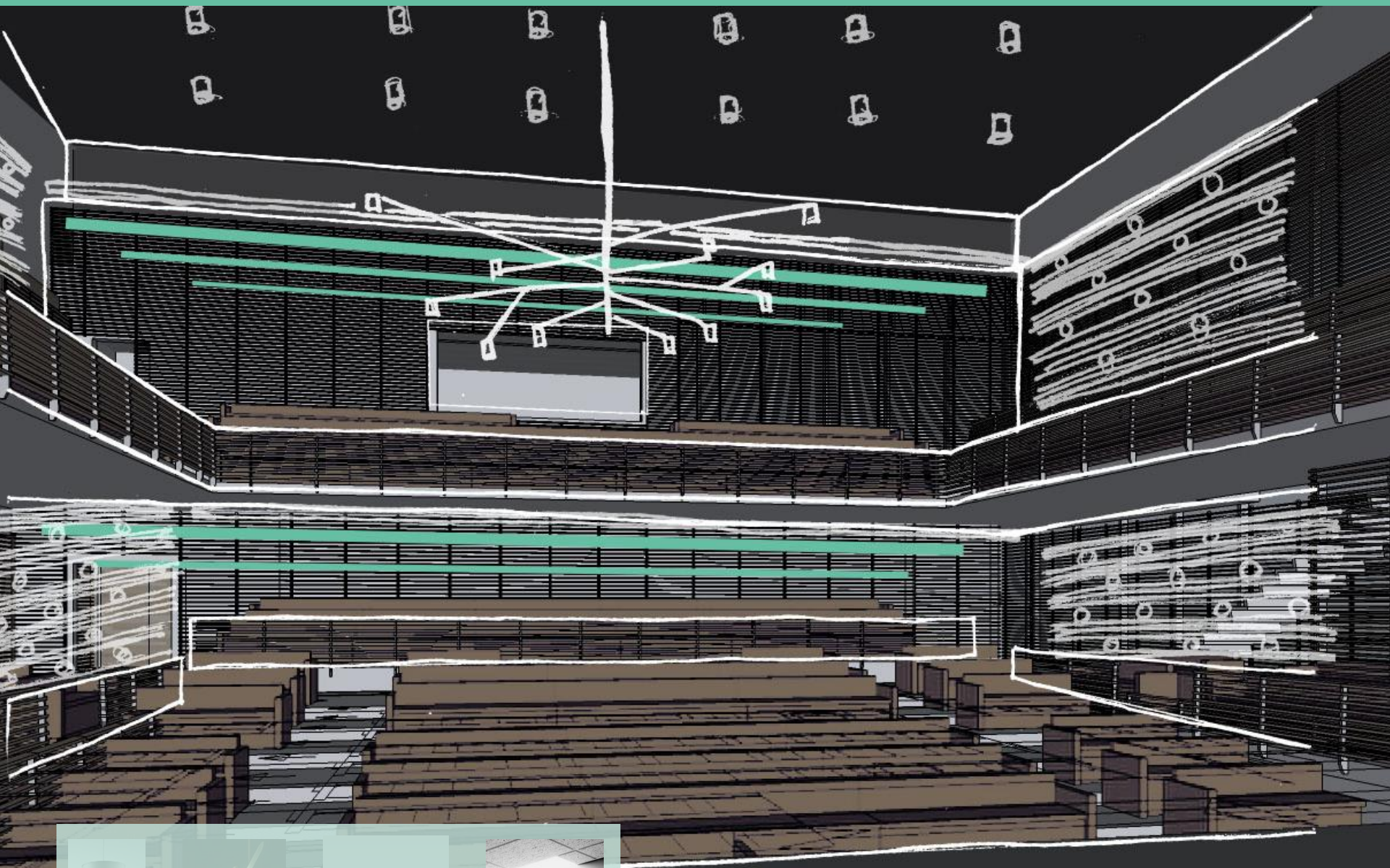


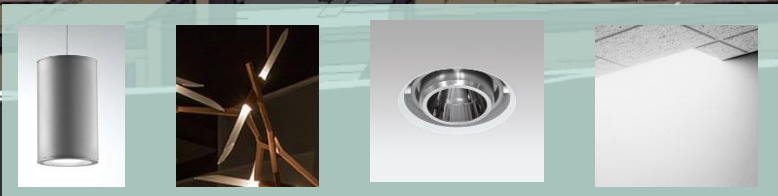
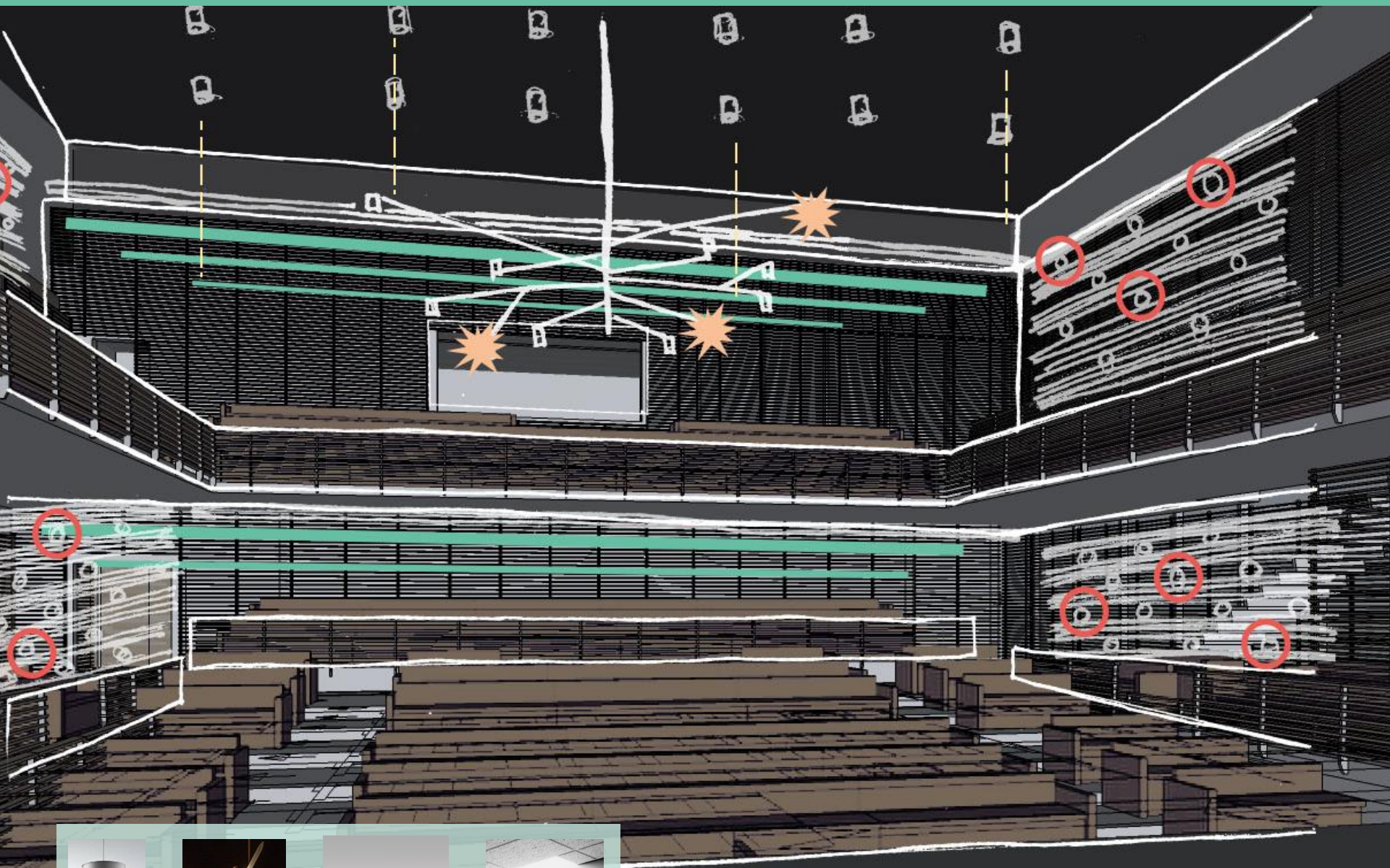














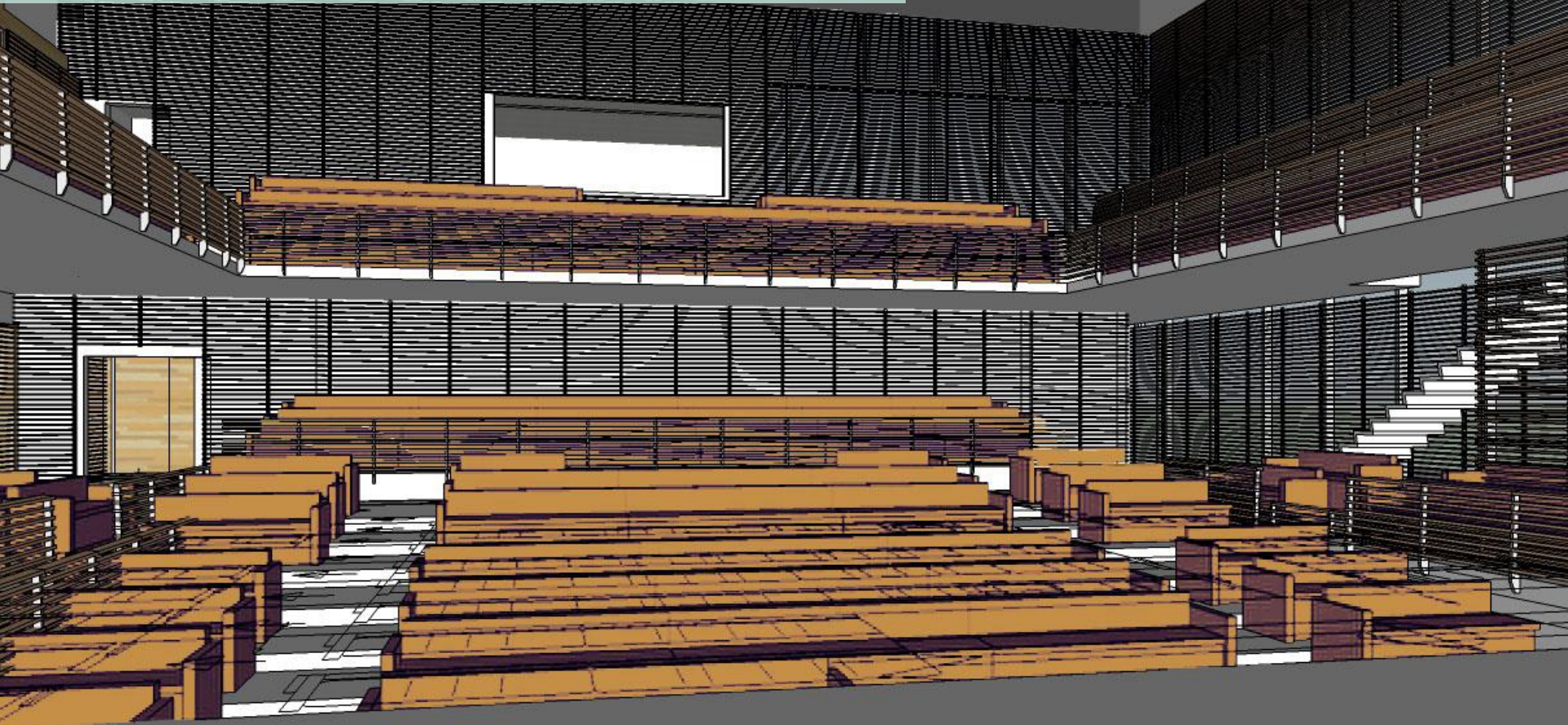


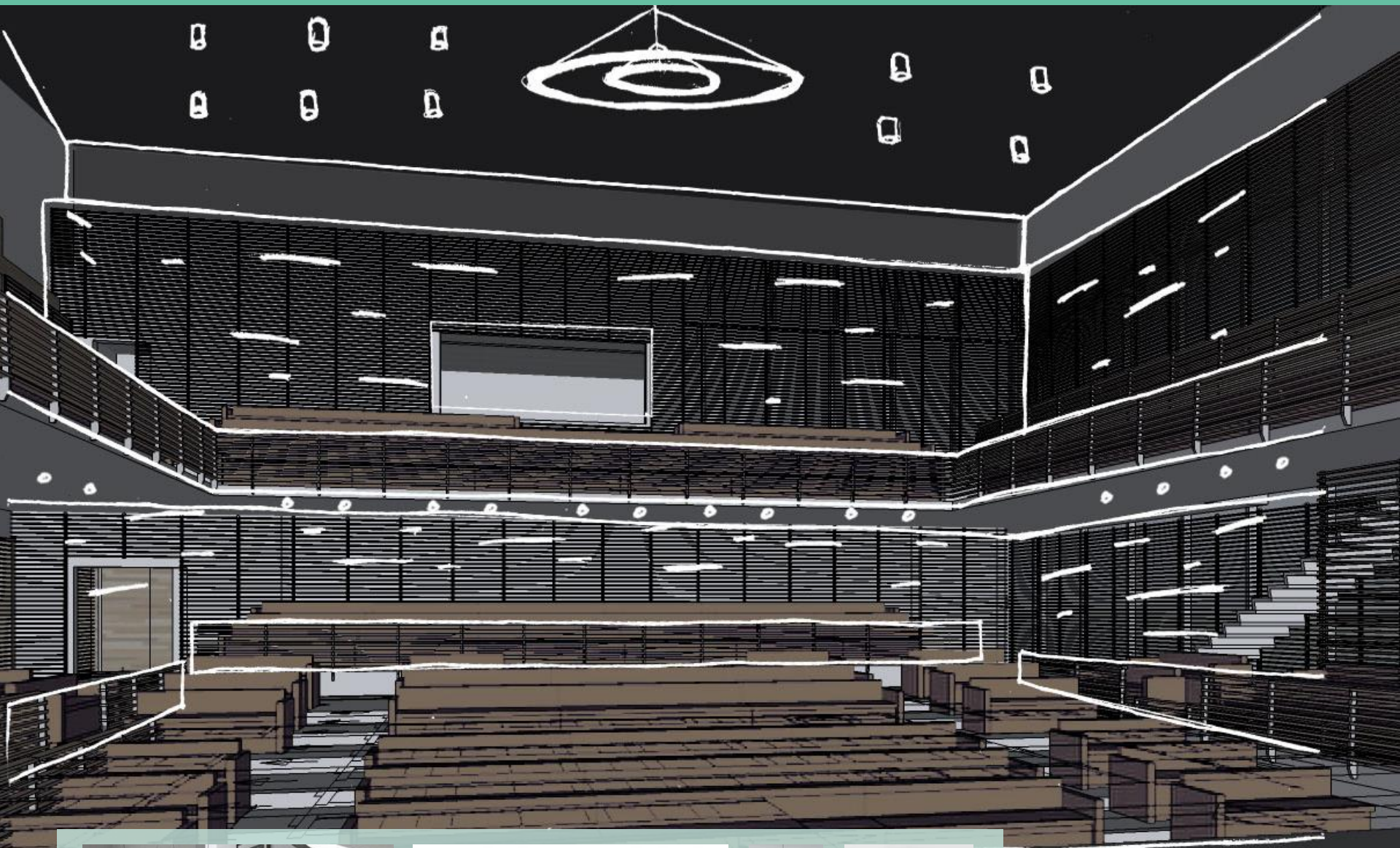
Performing Arts Theatre

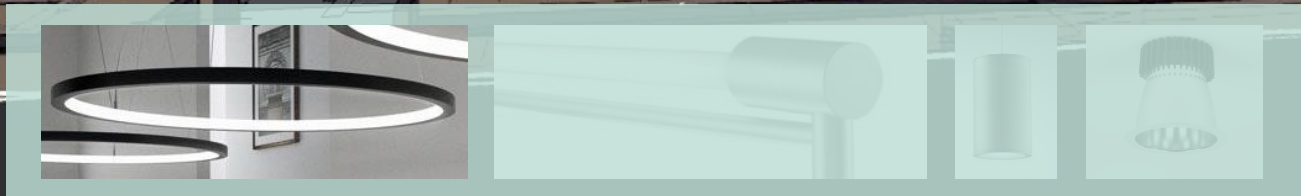
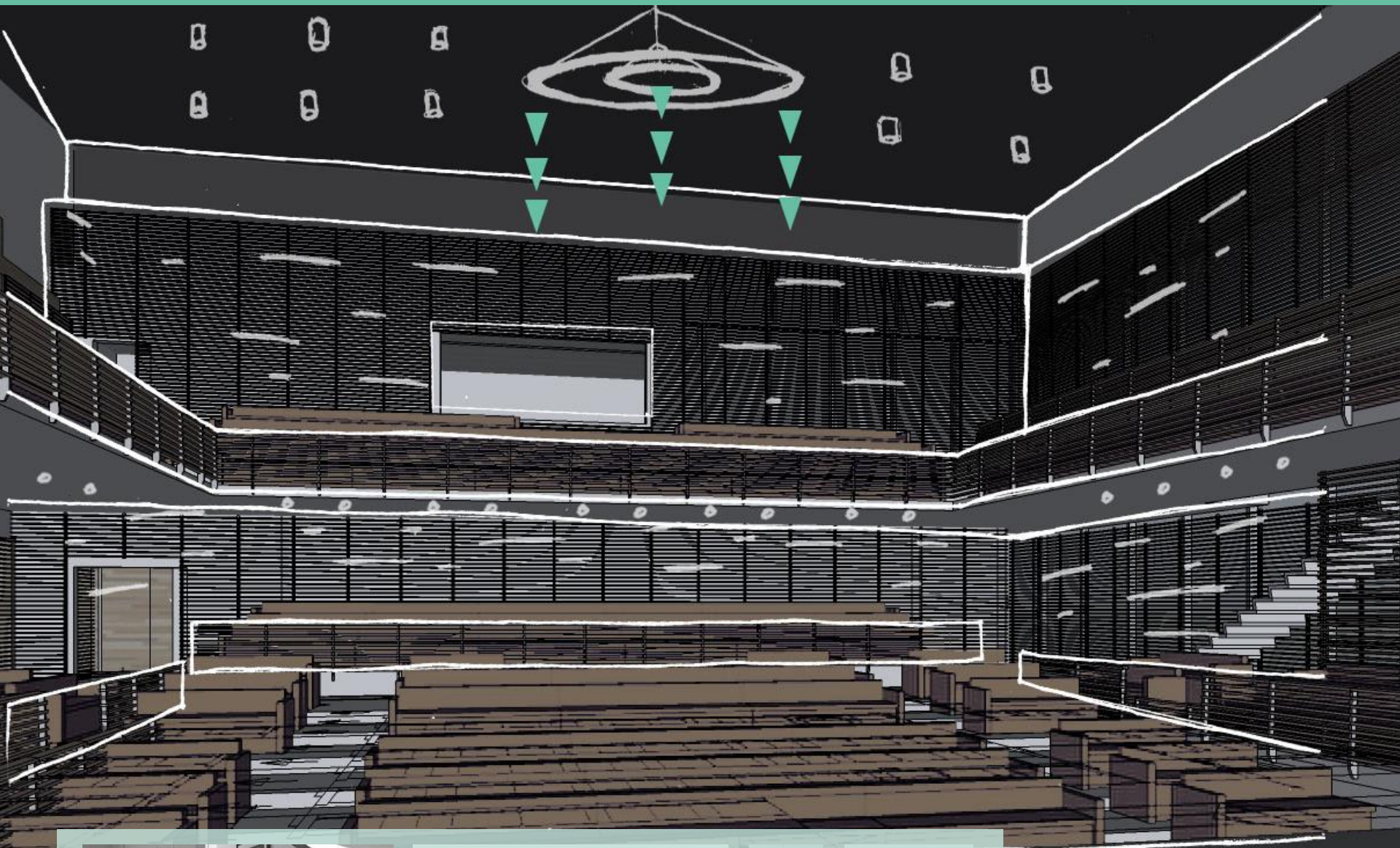
Option Two

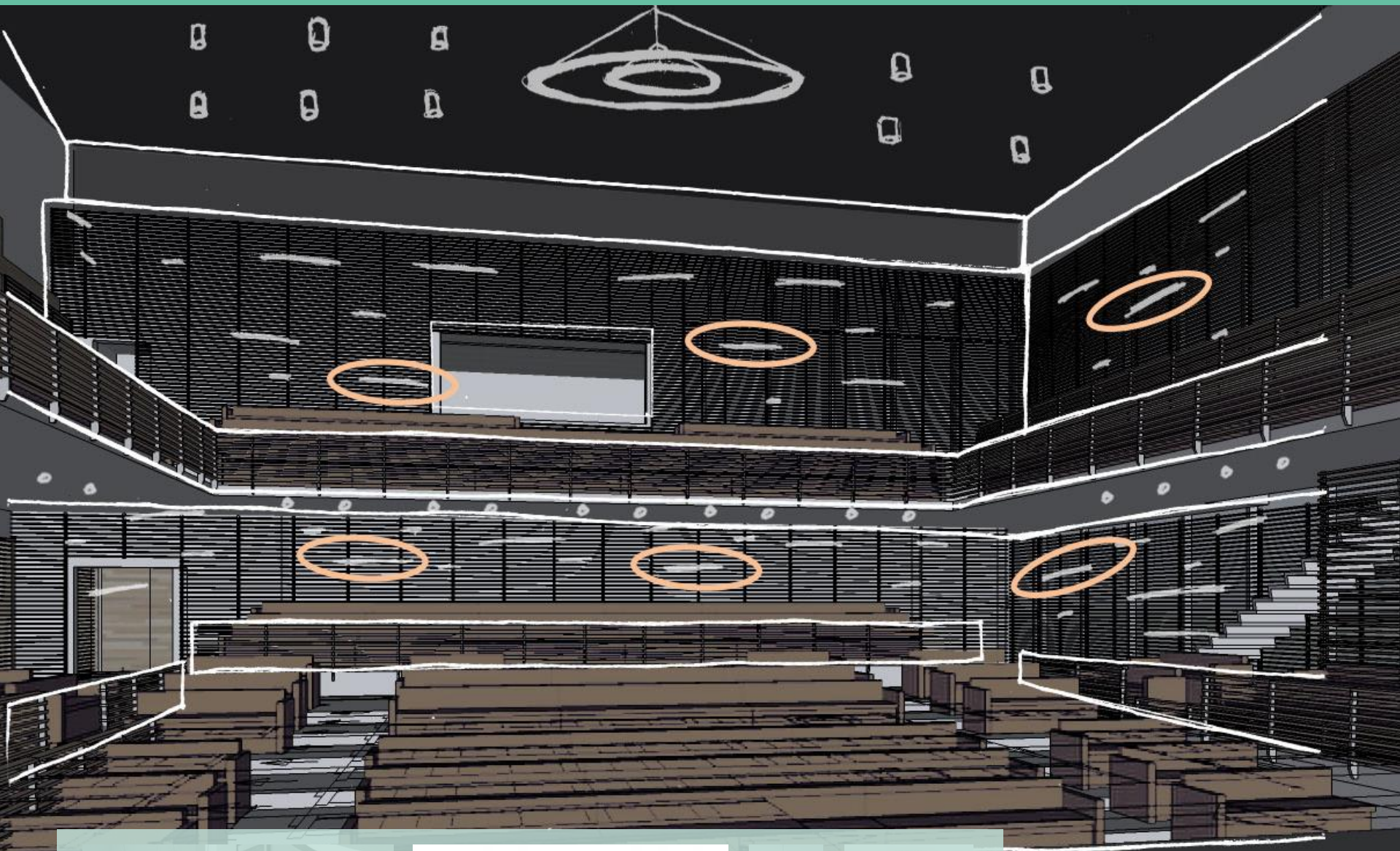
Performing Arts Theatre

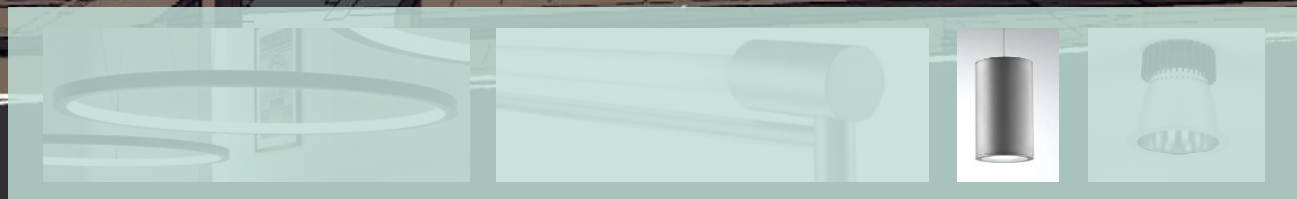
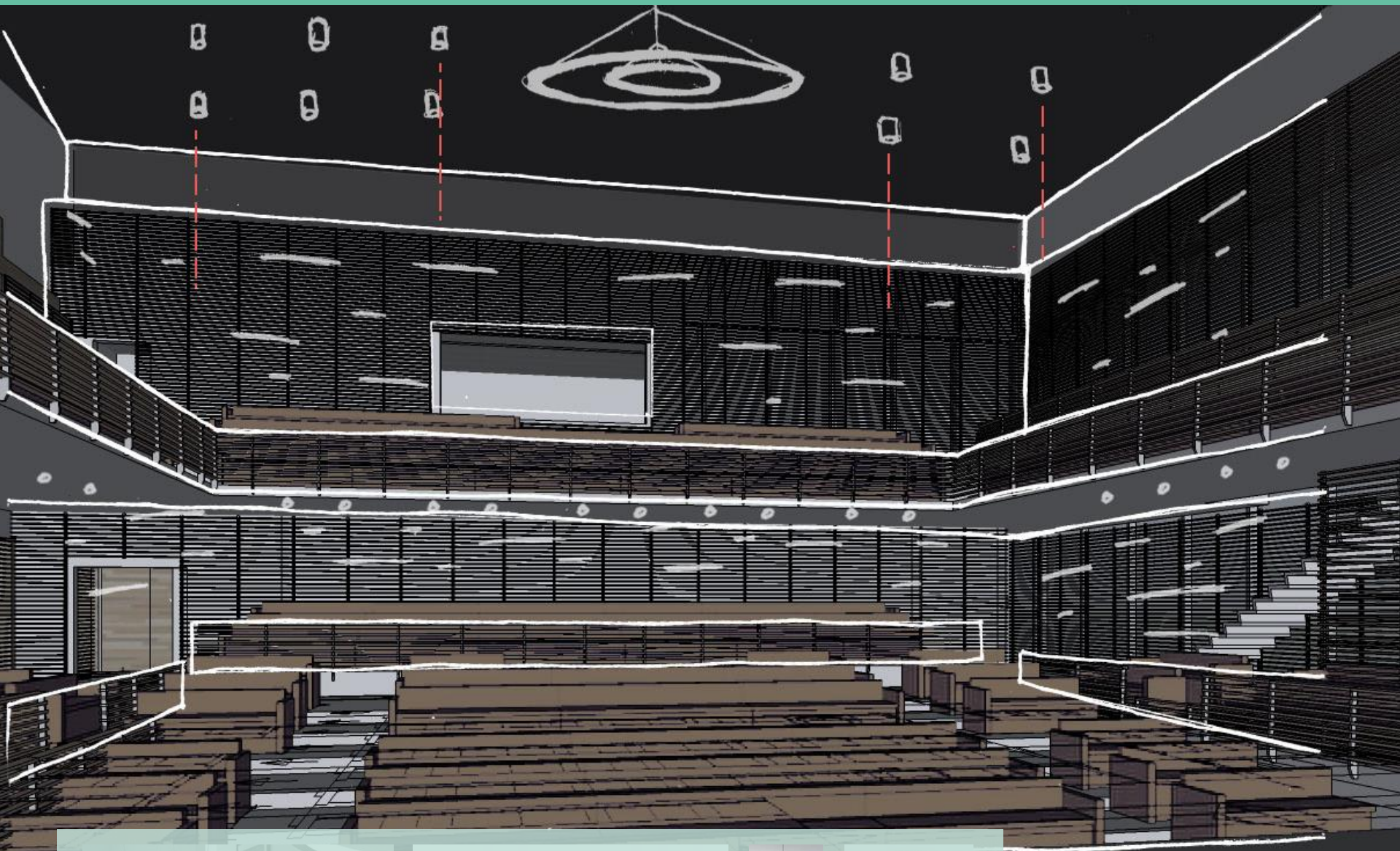
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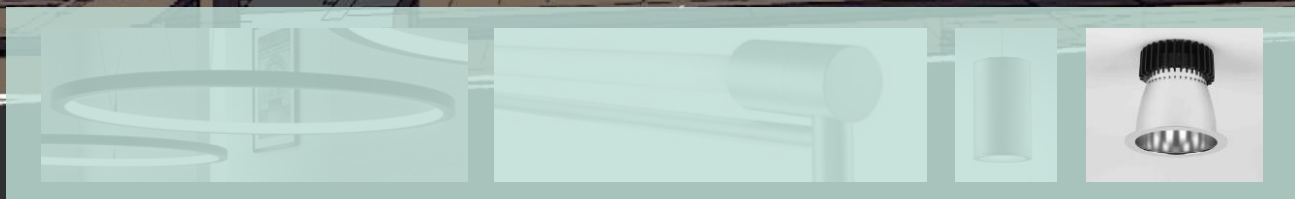
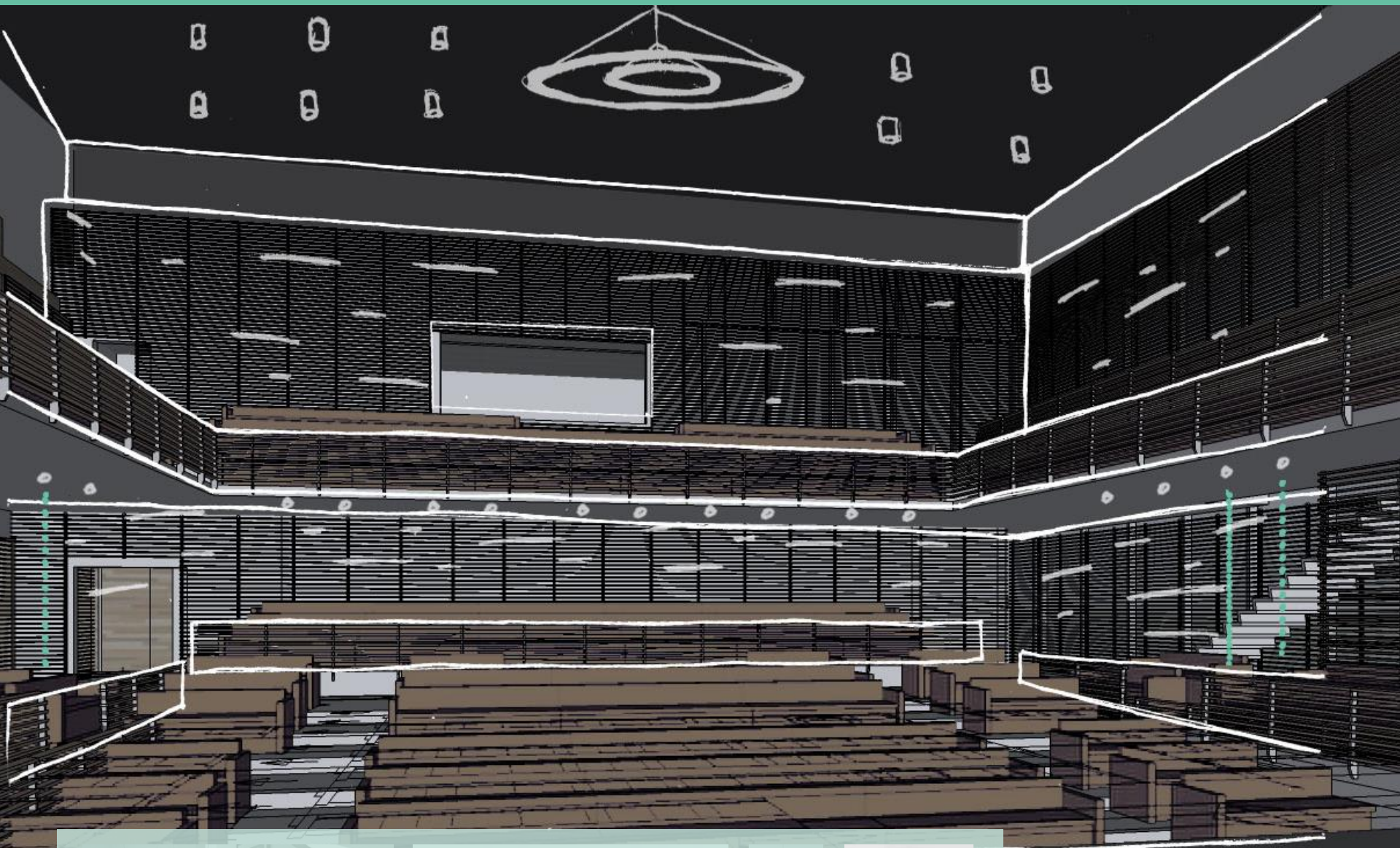


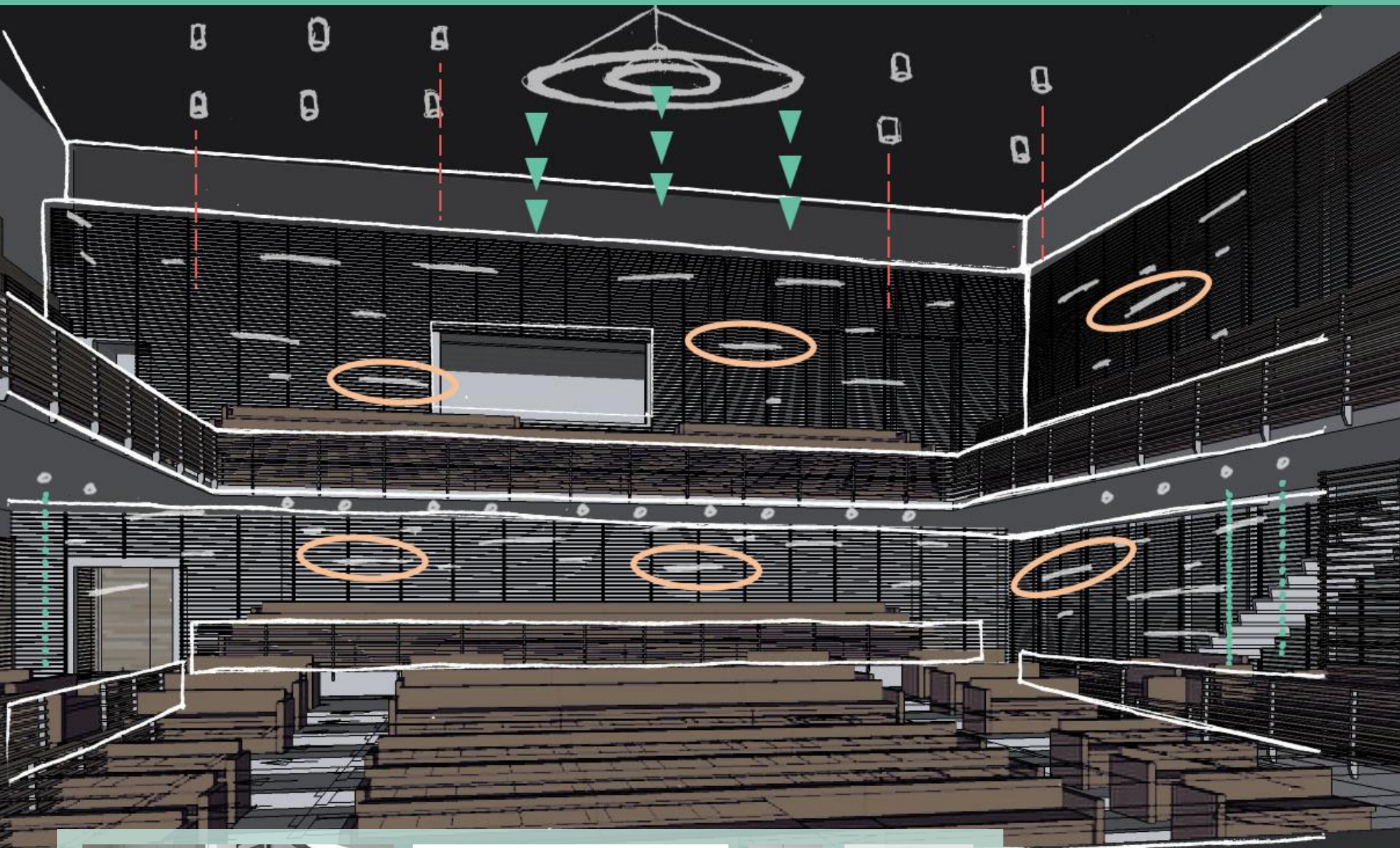














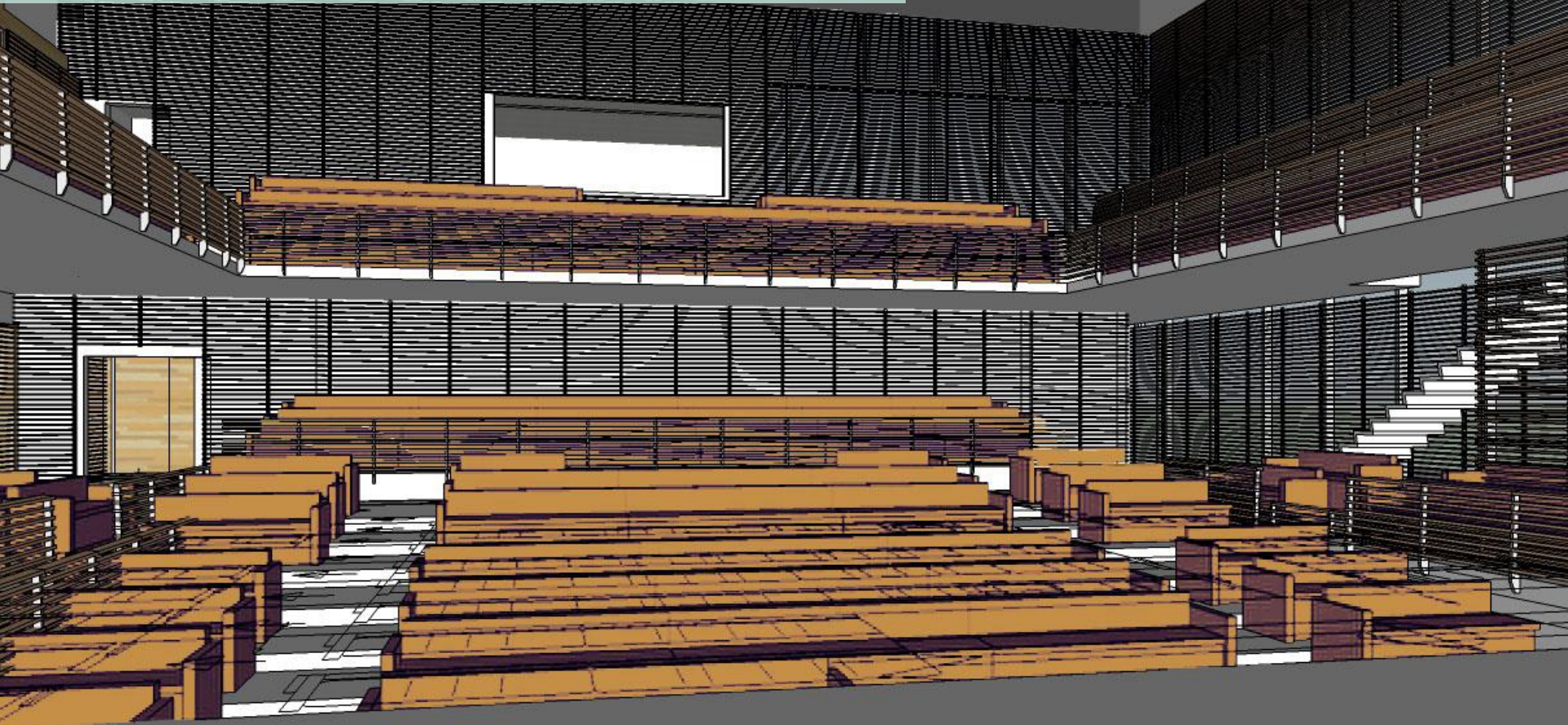
Performing Arts Theatre

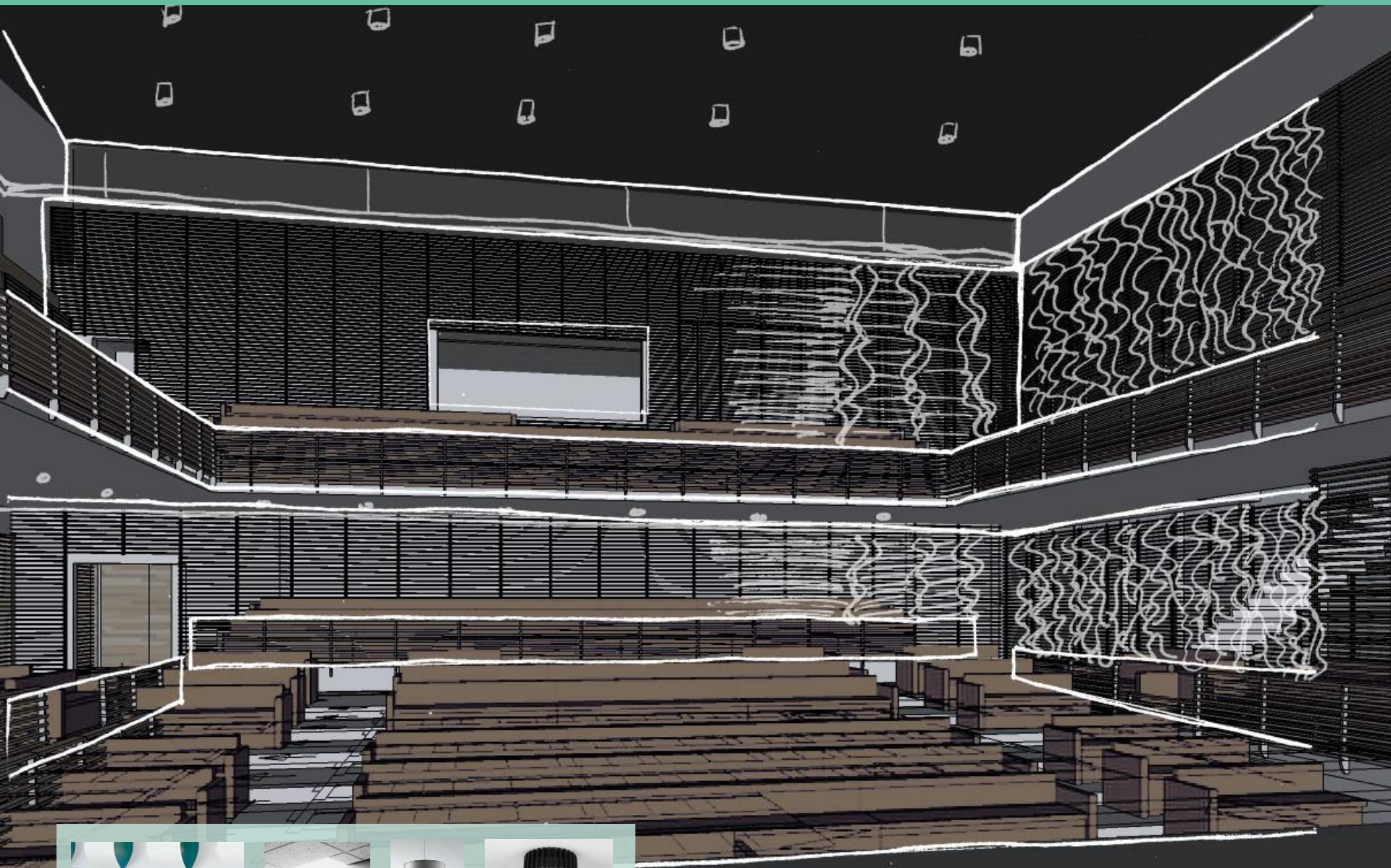
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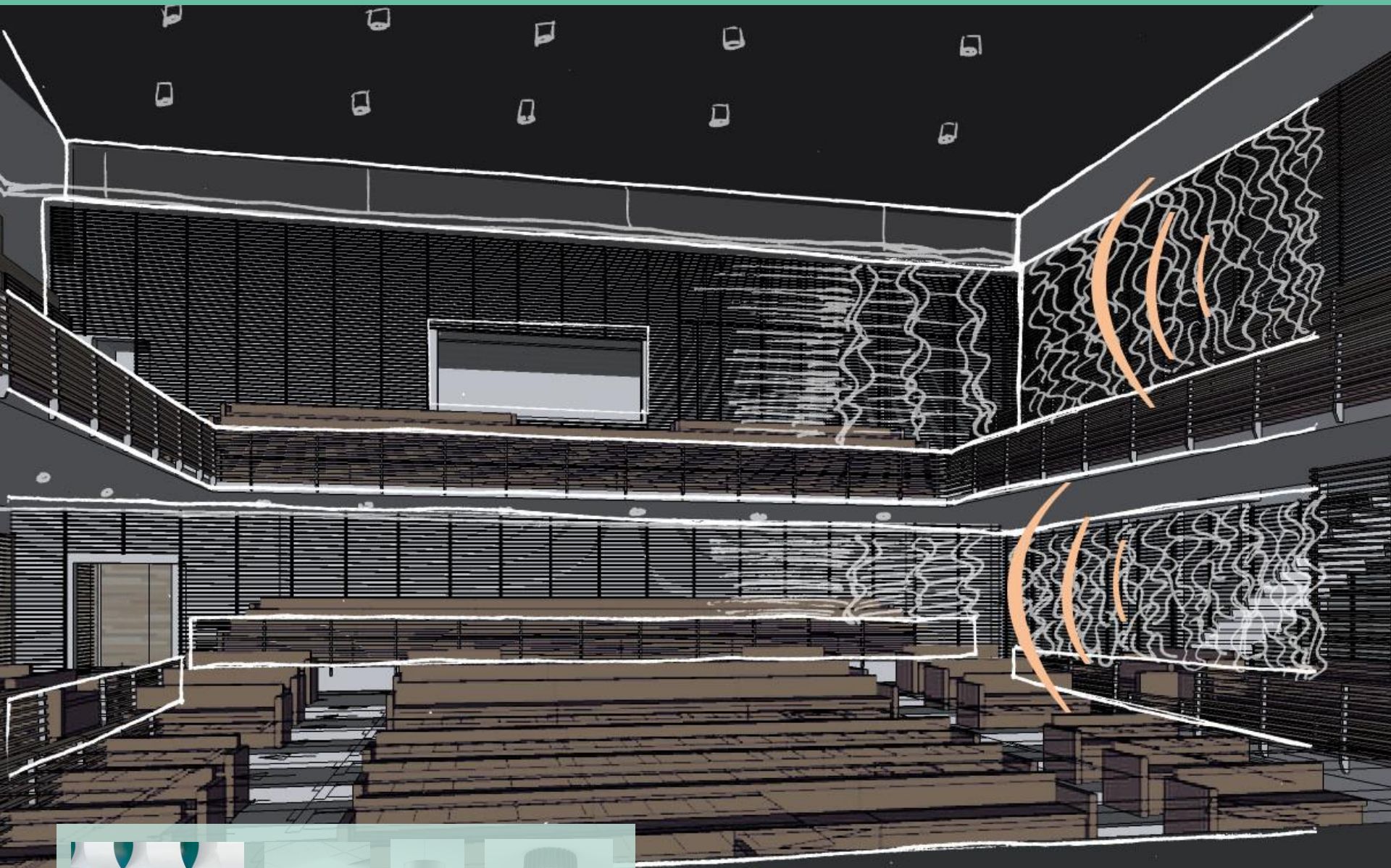


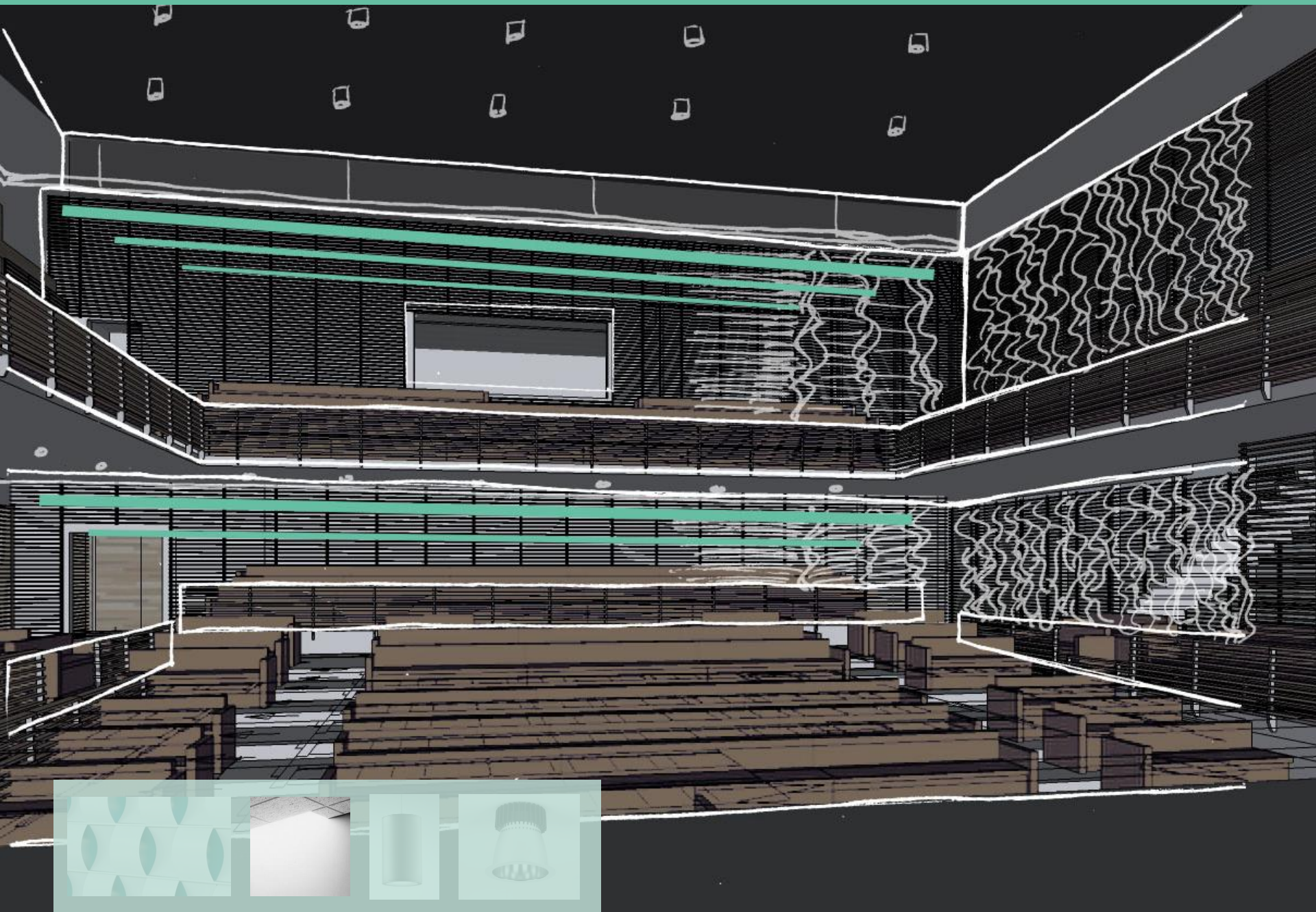
Performing Arts Theatre

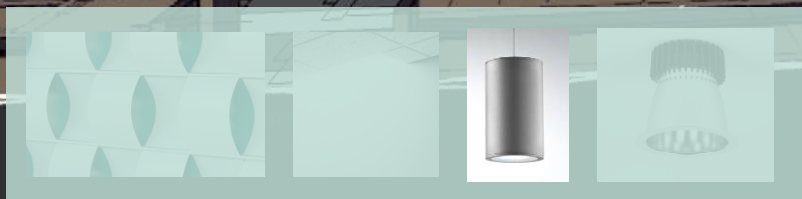
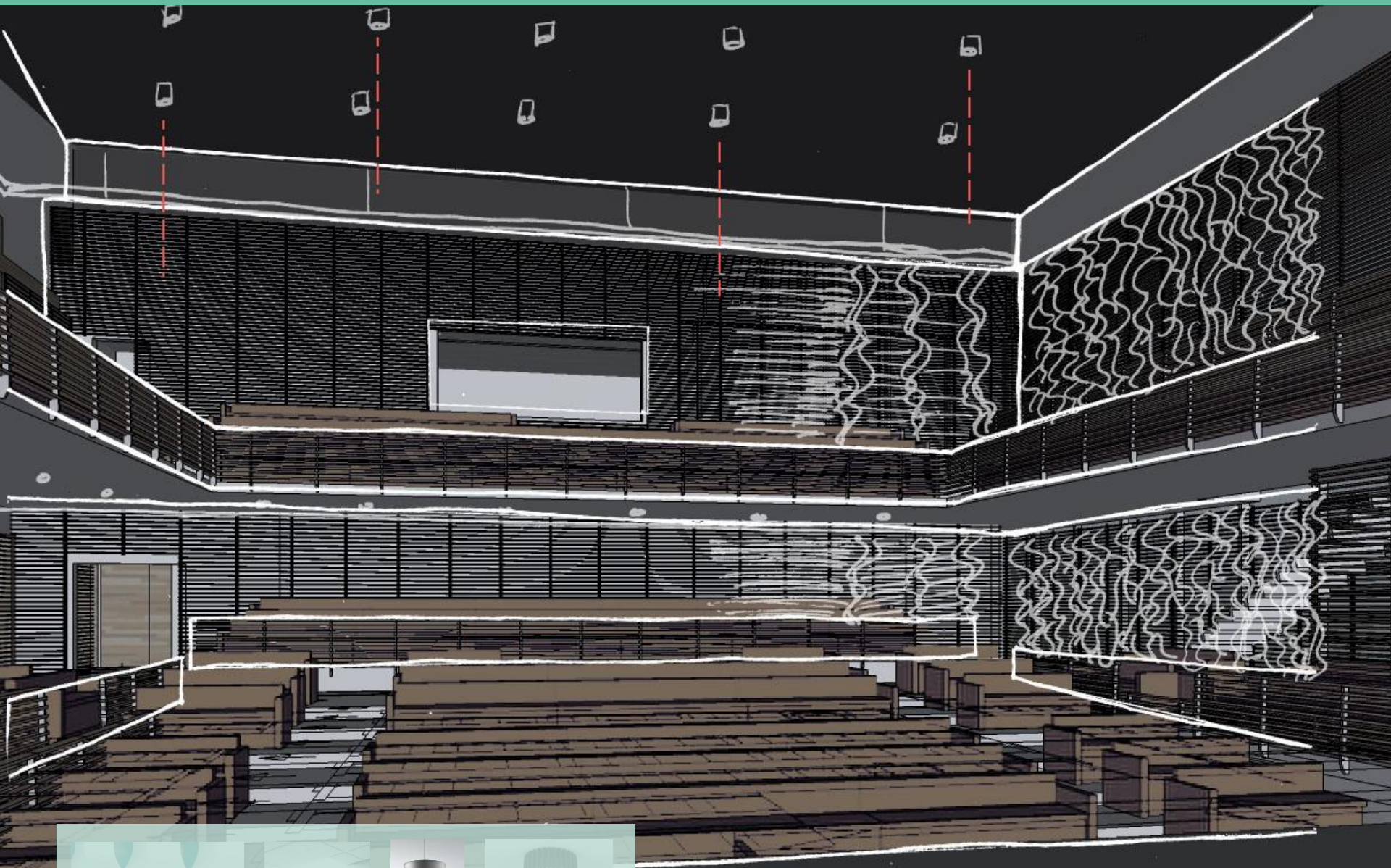
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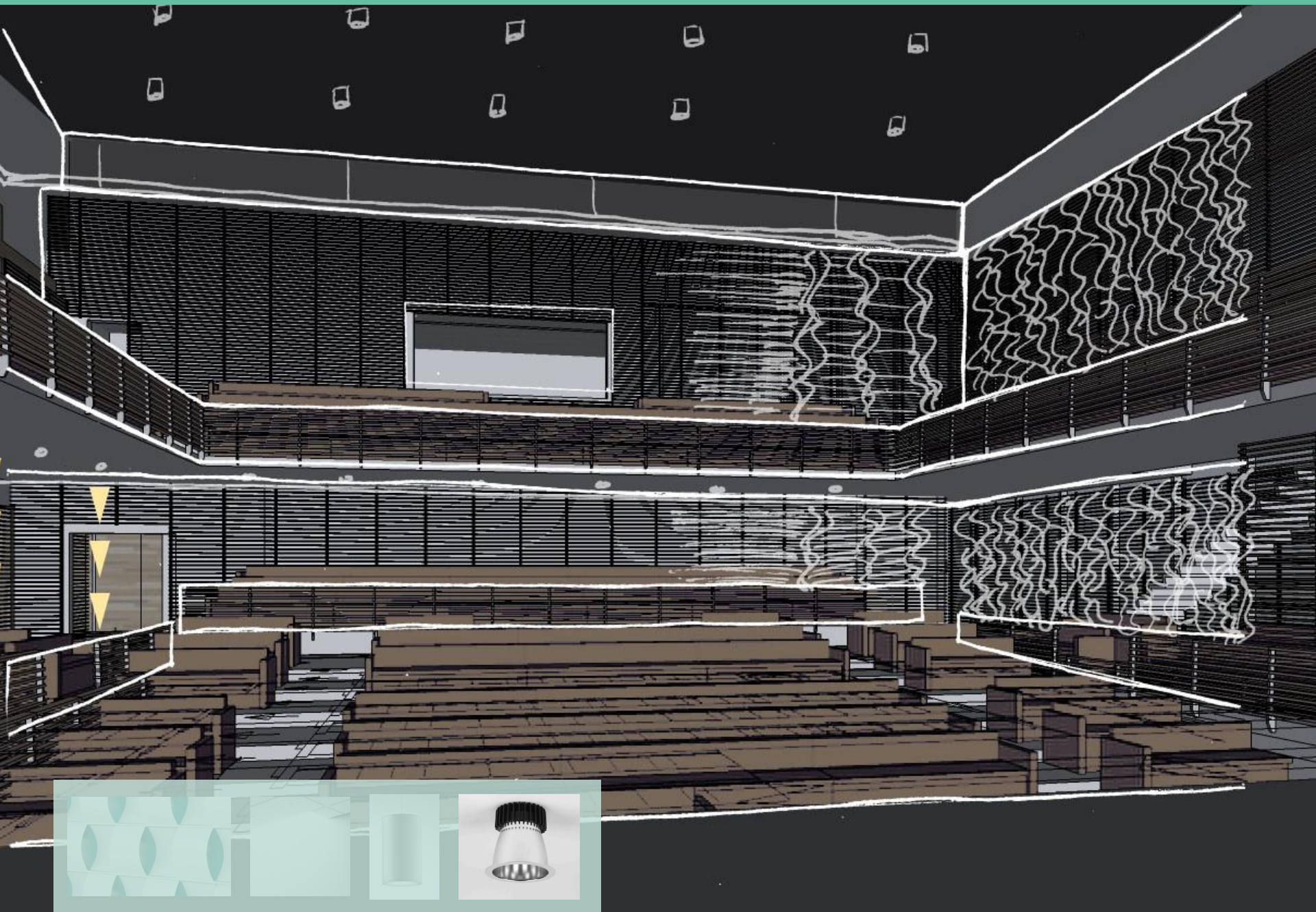


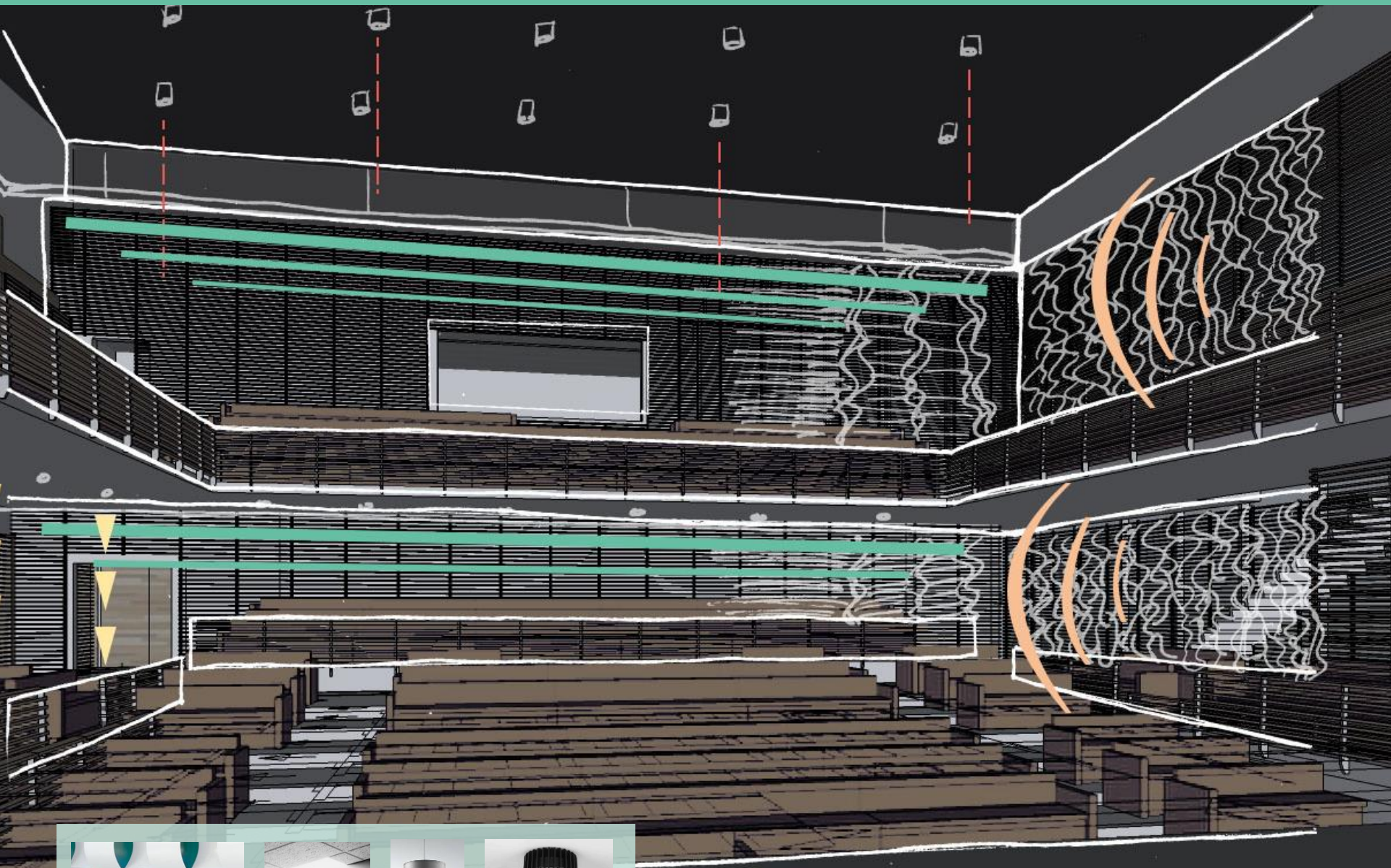




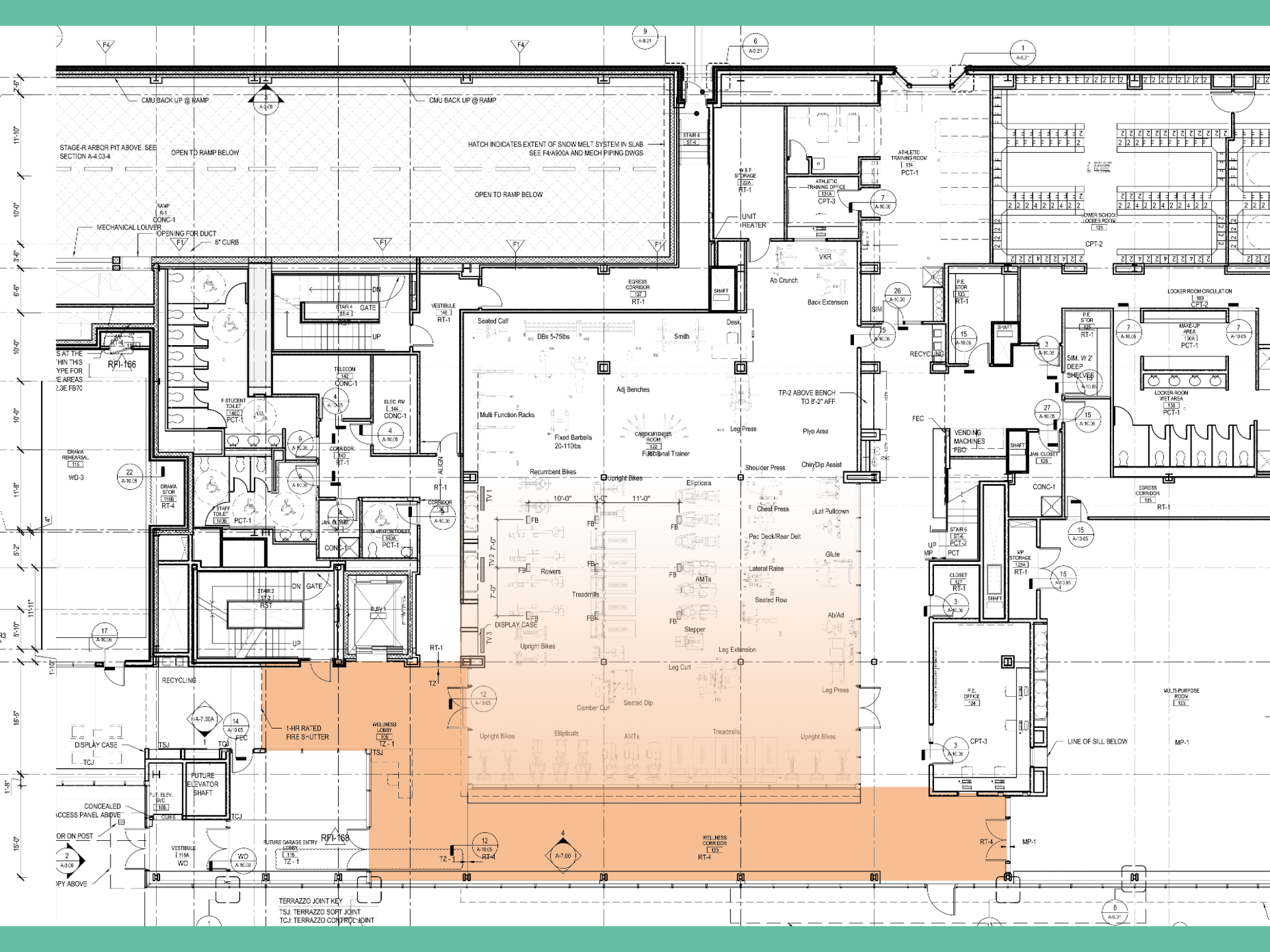












Wellness Corridor

Lighting Power Density – 0.9 W/sf
Illuminance Requirements – 100 lux (Day)
50 lux (Night)

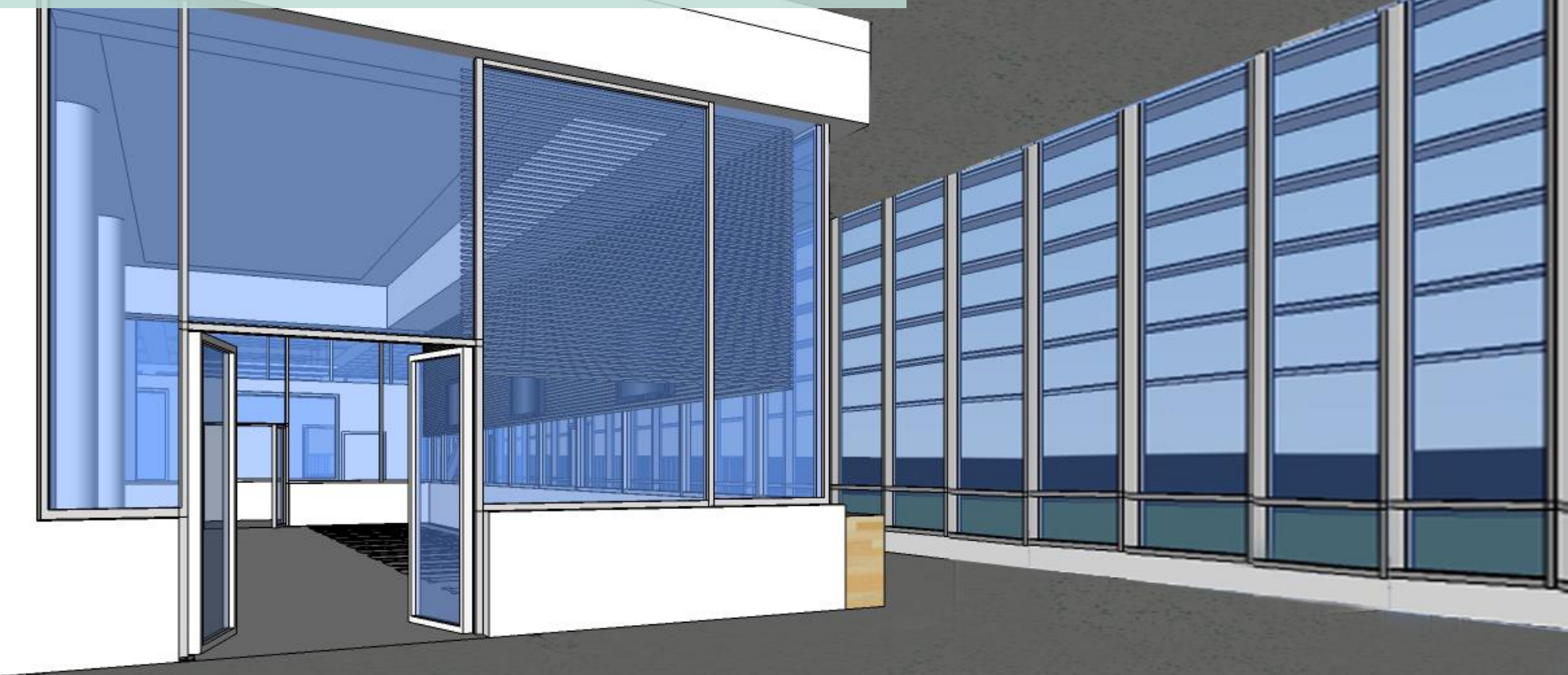
- Public Flynn Impression
- Daylighting + Glare Control
- Wayfinding + Circulation



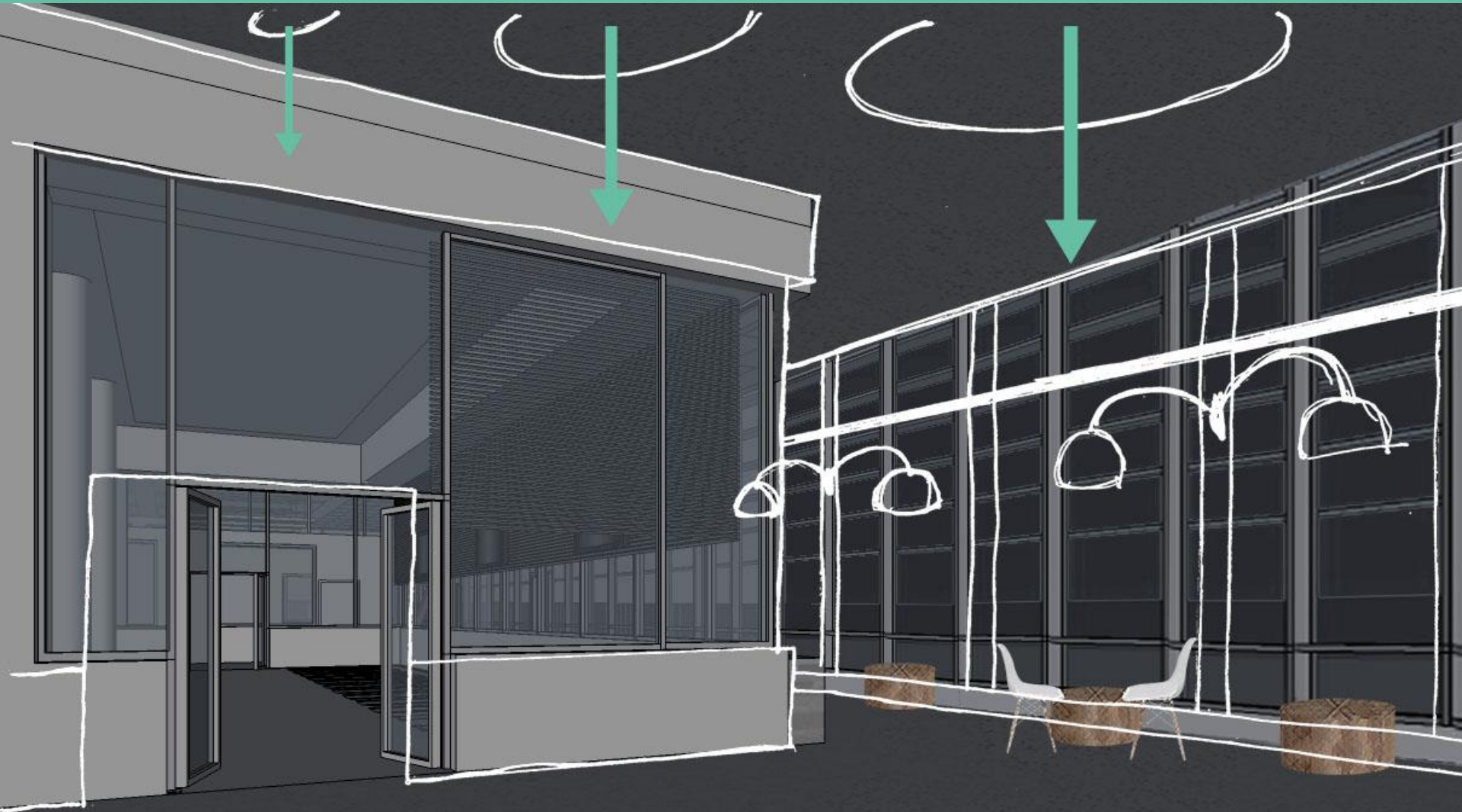
Wellness Corridor



Wellness Corridor



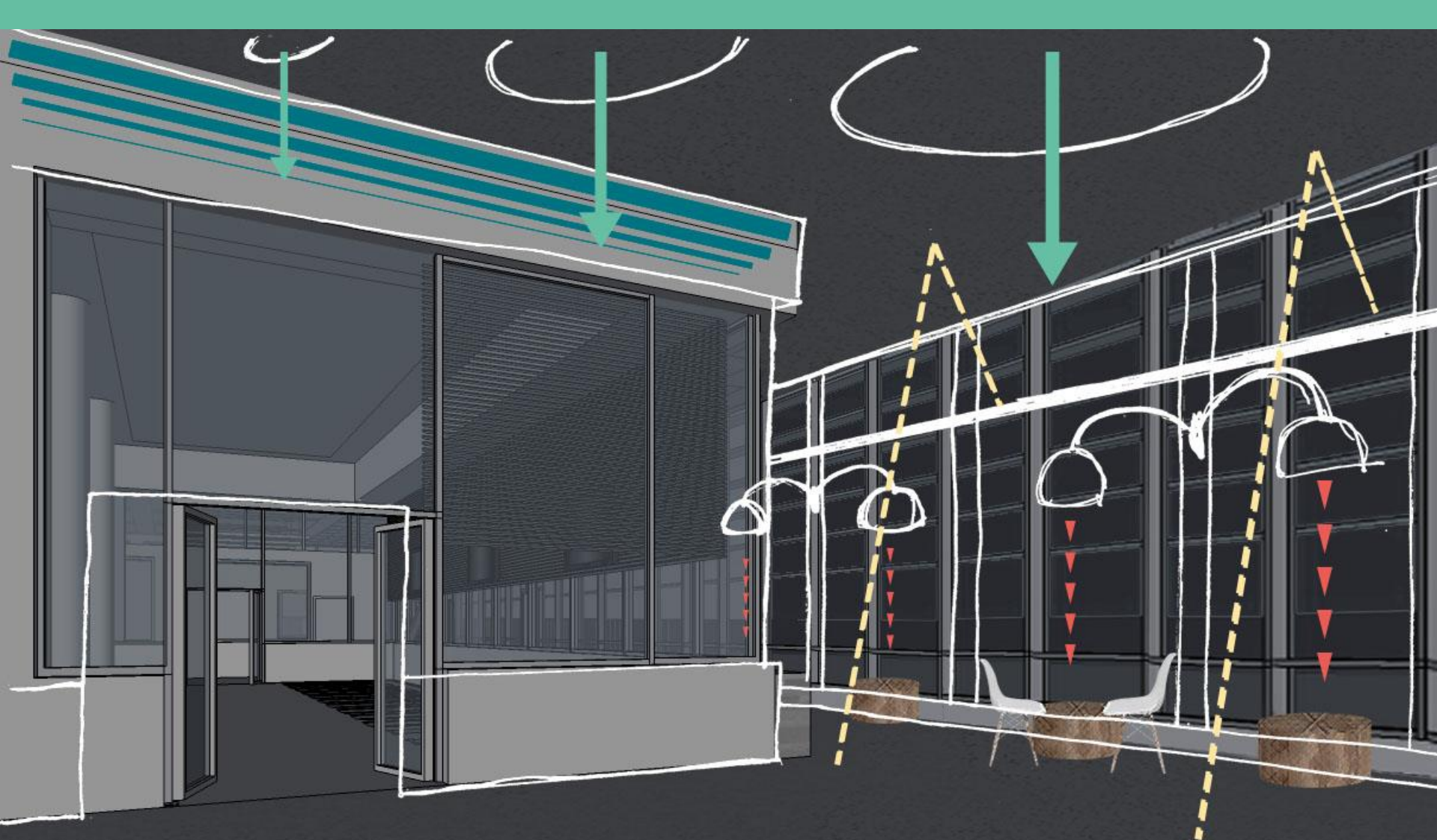




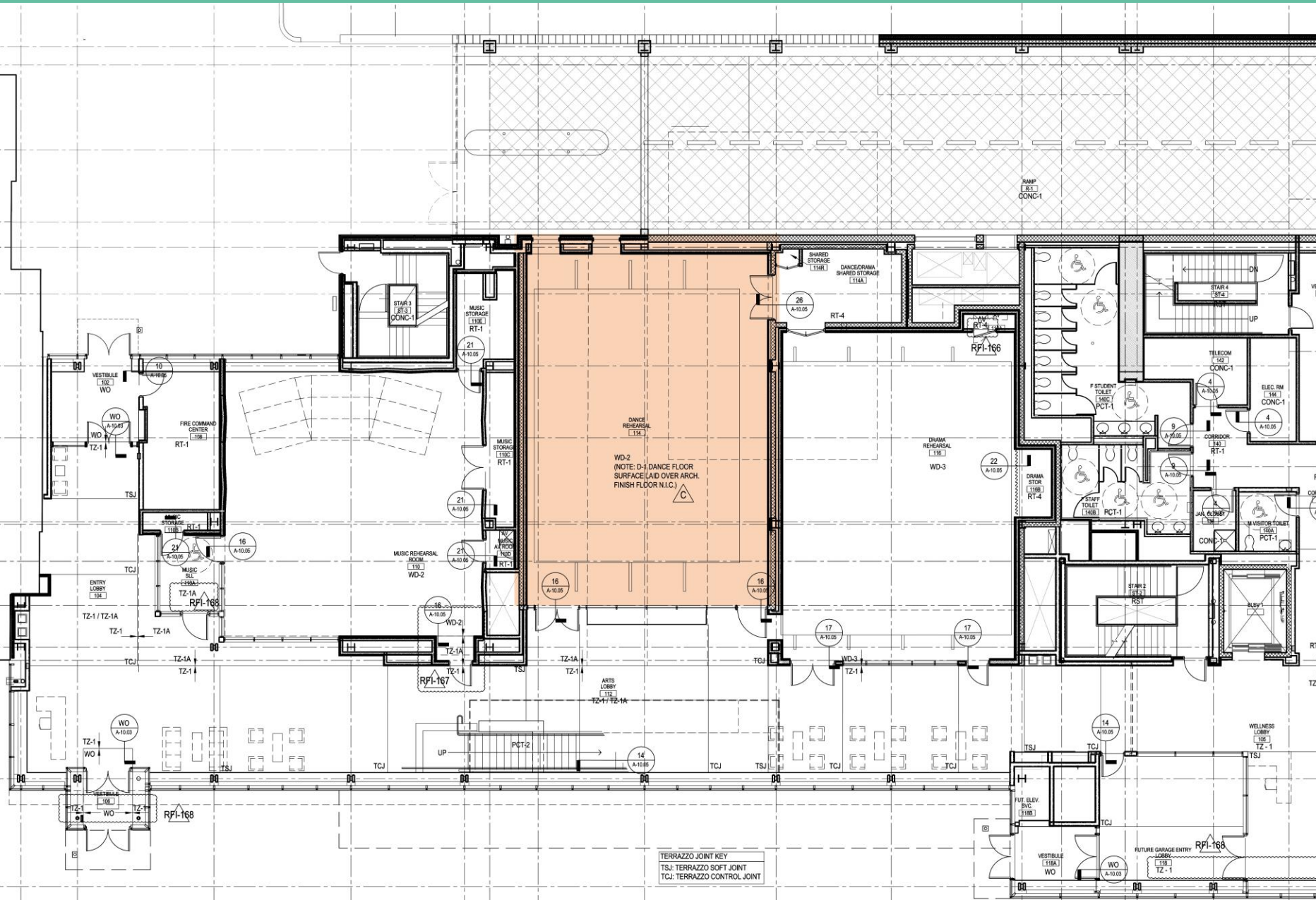












TERRAZZO JOINT KEY
TSJ: TERRAZZO SOFT JOINT
TCJ: TERRAZZO CONTROL JOINT

TERRAZZO JOINT KEY
TSJ: TERRAZZO SOFT JOINT
TCJ: TERRAZZO CONTROL JOINT

Dance Rehearsal Room

Lighting Power Density – 1.24 W/sf

Illuminance Requirements – 300 lux

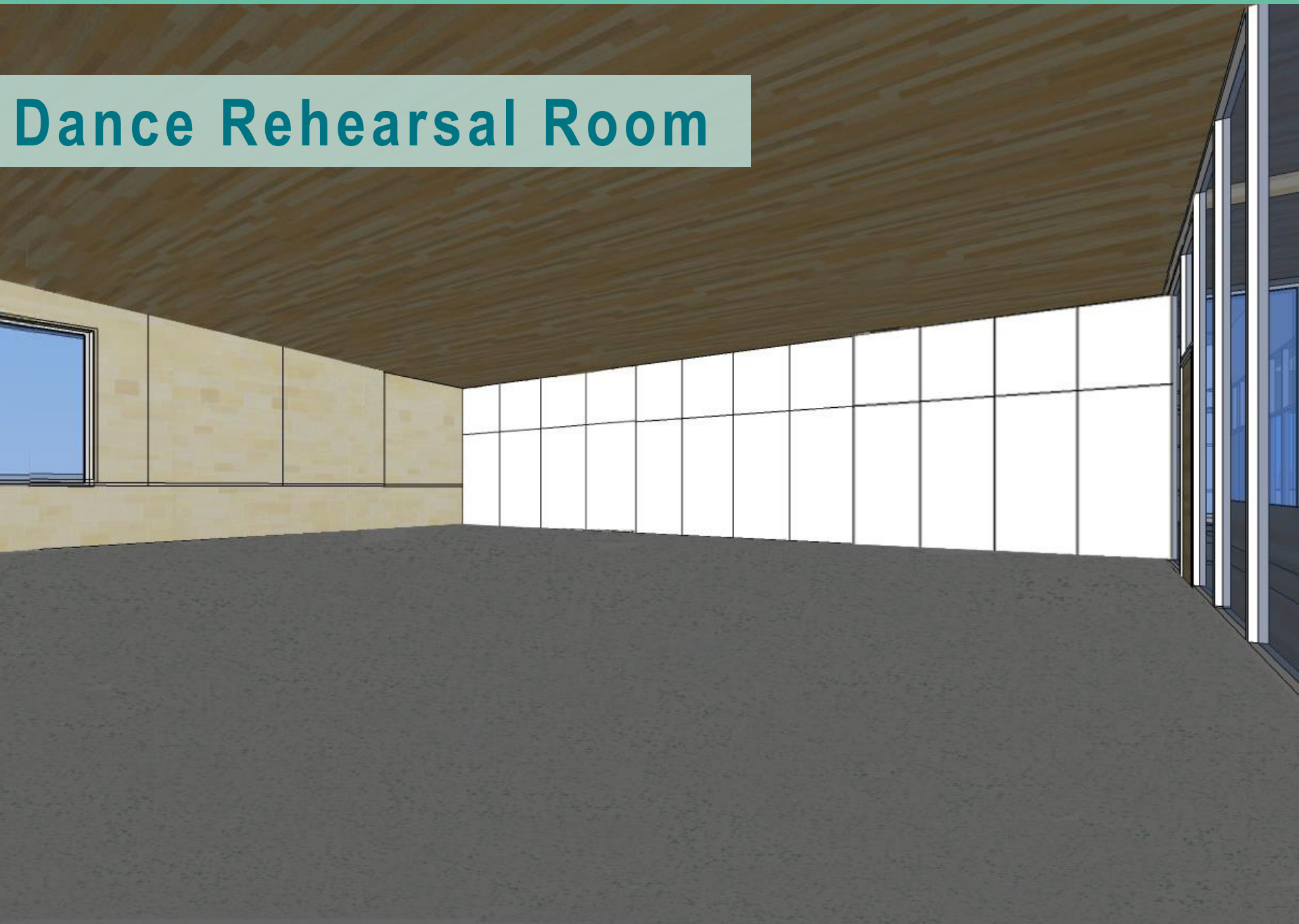
- Visual Interest
- Functionality
- Simplicity

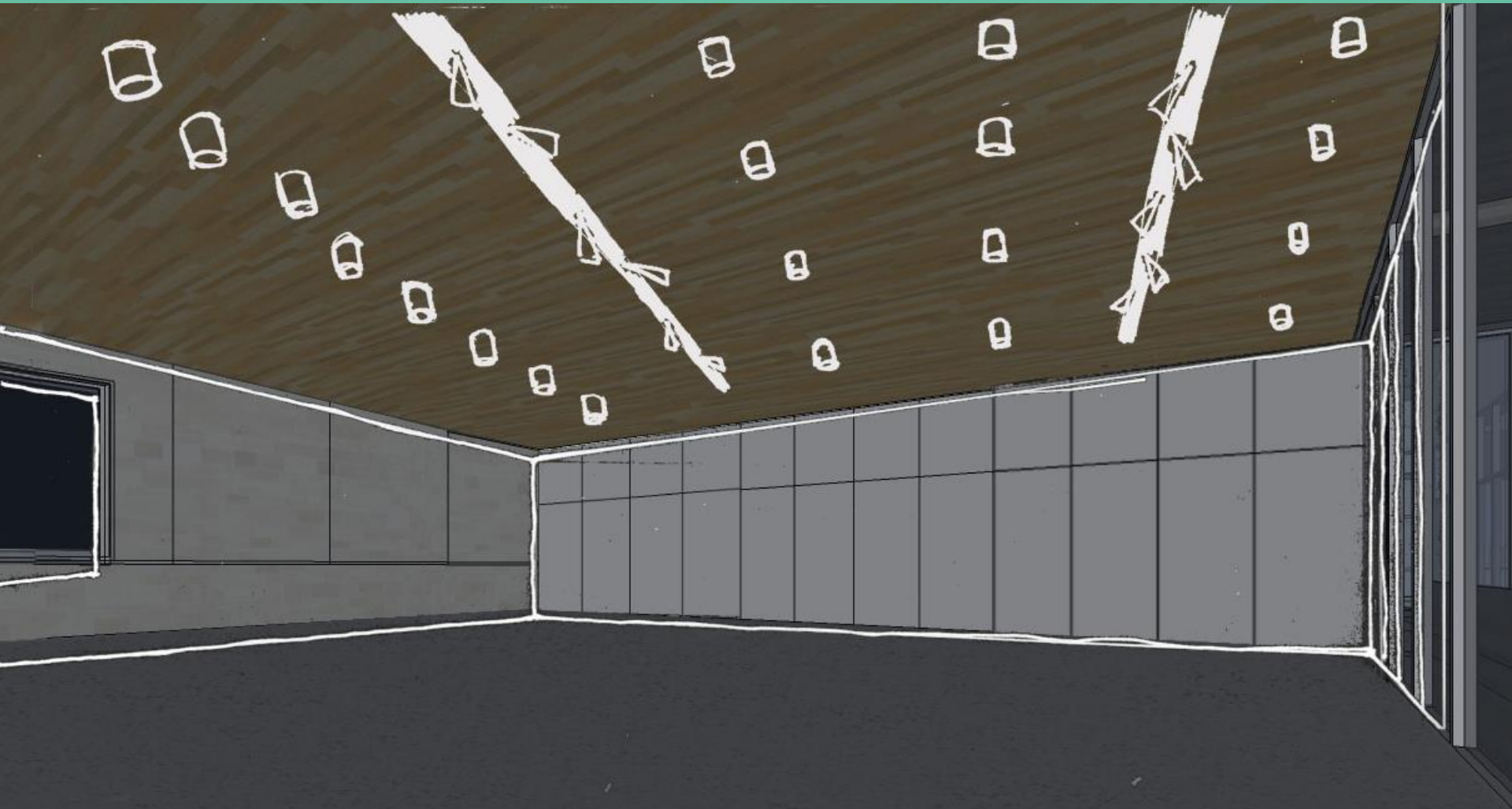


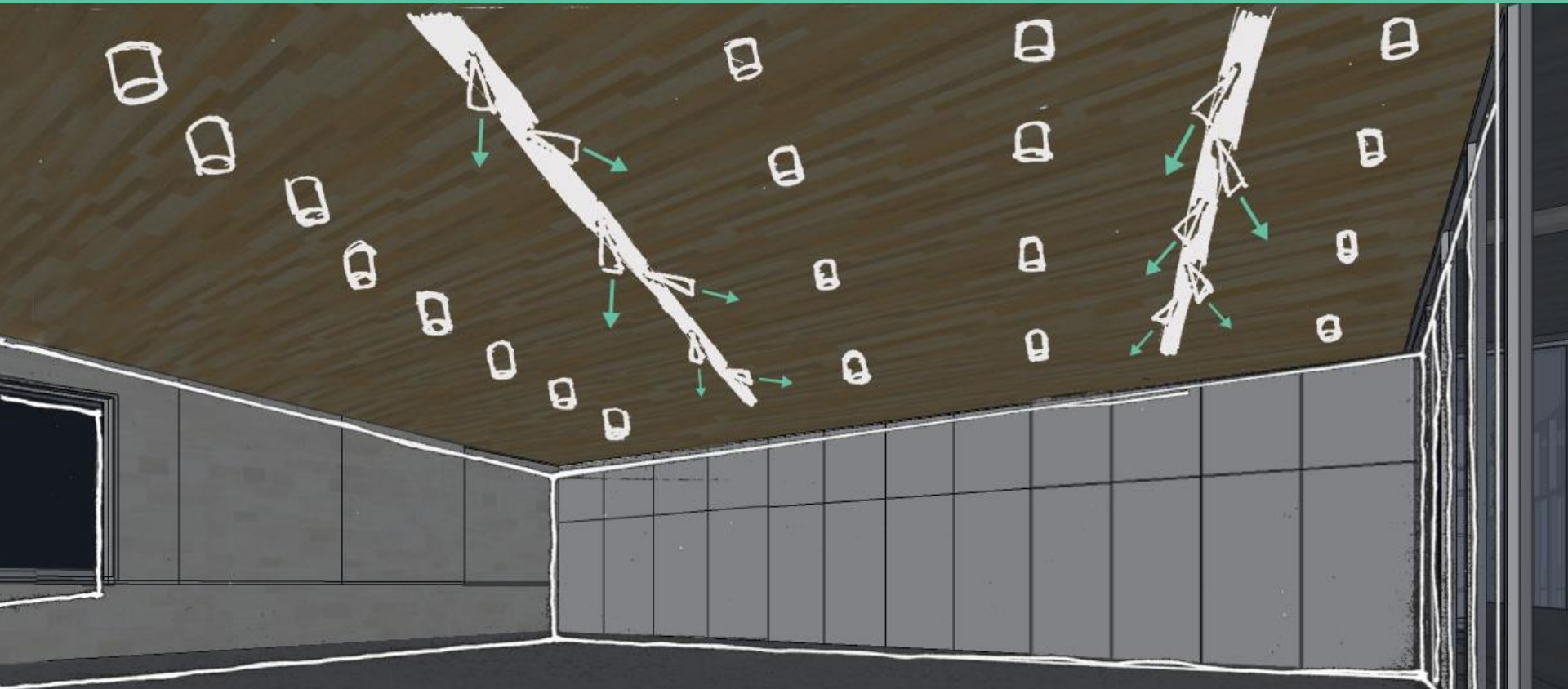
Dance Rehearsal Room

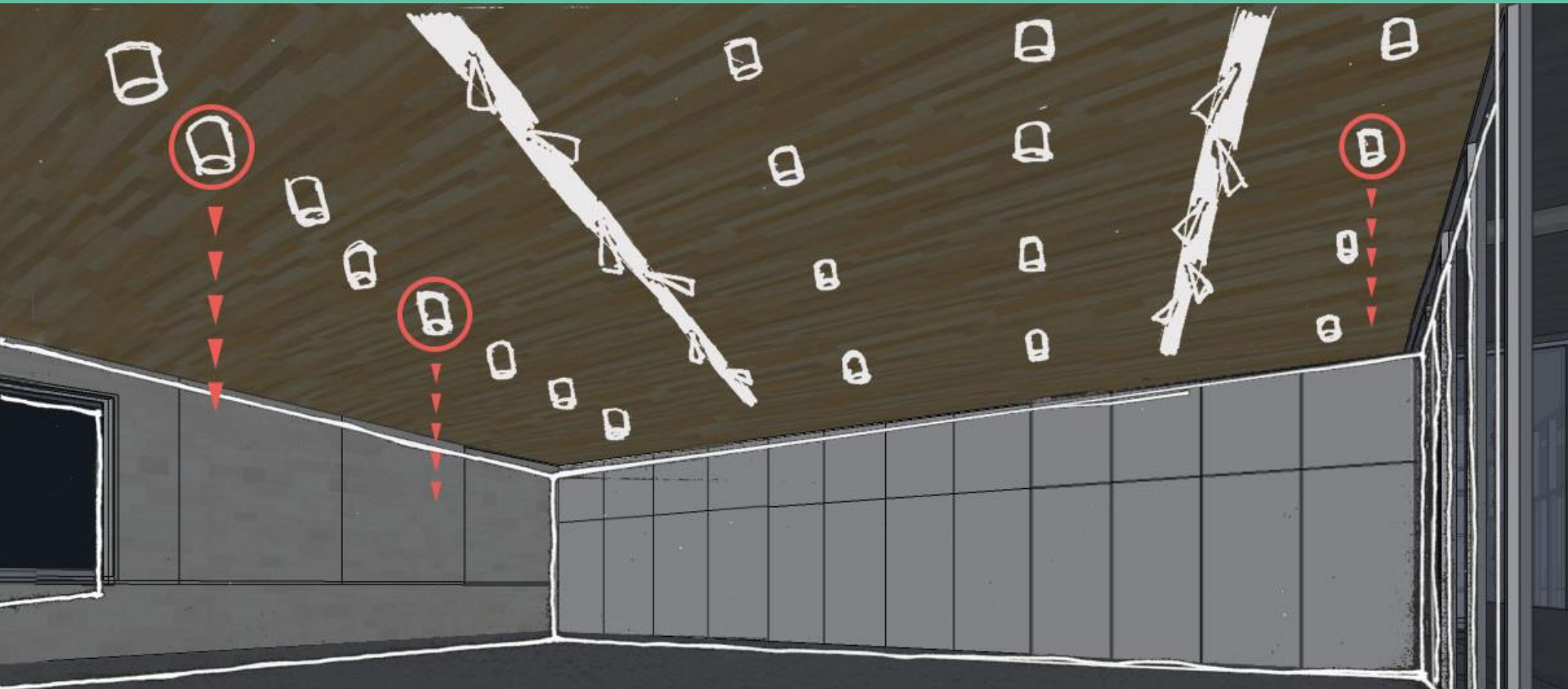


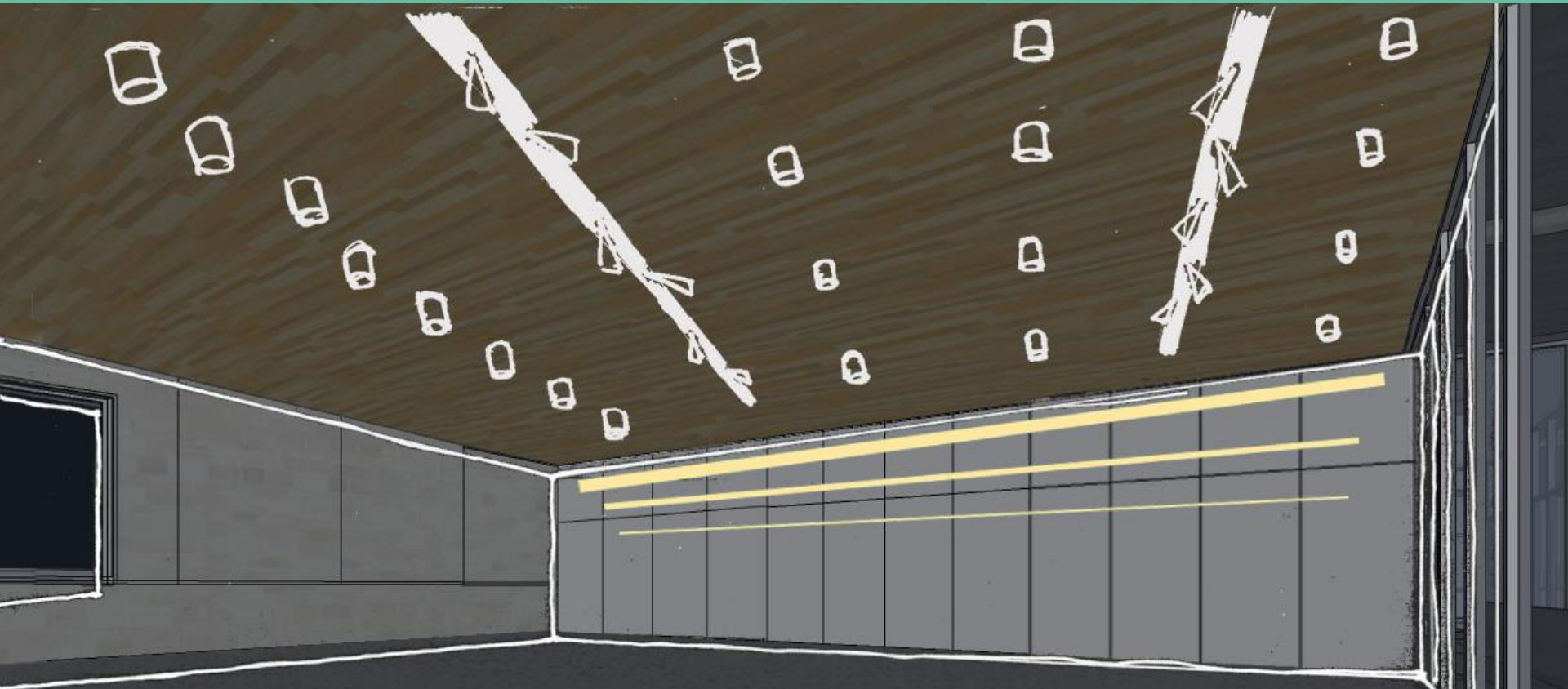
Dance Rehearsal Room

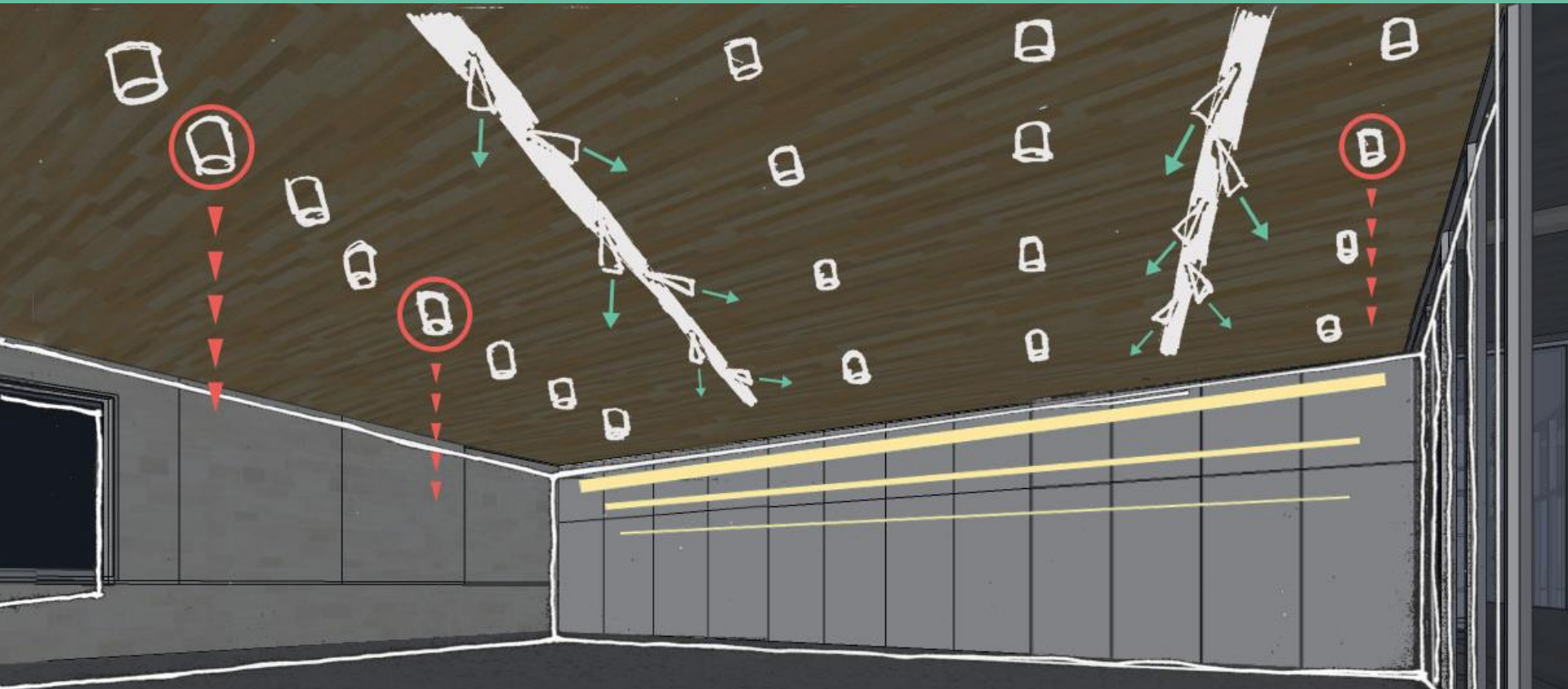




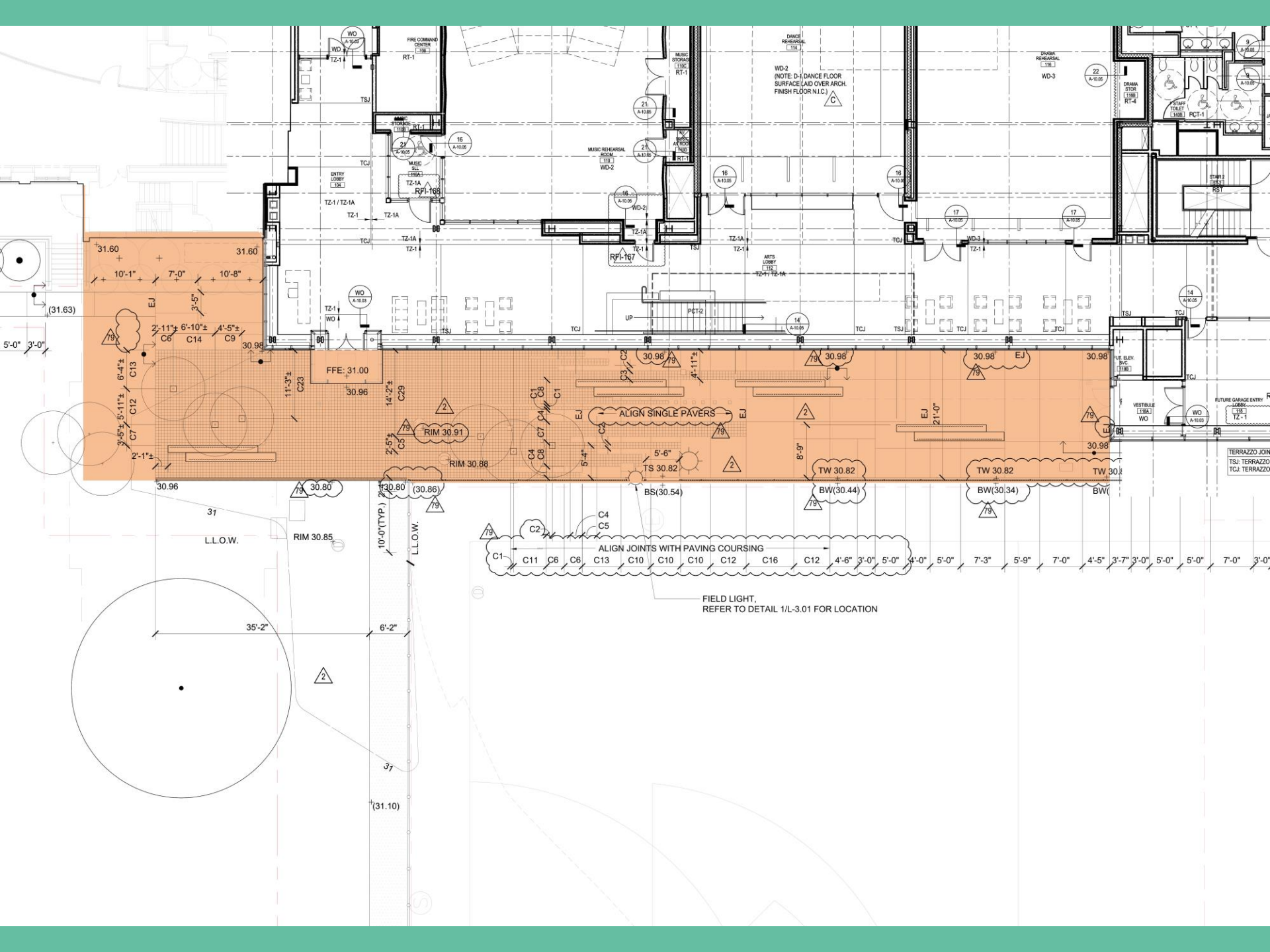












(31.63)

5'-0" 3'-0"

31.60
10'-1" 7'-0" 10'-8"
3'-5"
2'-11"± 6'-10"± 4'-5"±
C6 C14 C9

6'-4"± C13
3'-5"± 5'-11"± C12
2'-1"±
30.96
11'-3"± C23
14'-2"± C29

WO A-10.03
TZ-1

FFE: 31.00
30.96

RIM 30.91

C4
C8
C7
C8
C1

ALIGN SINGLE PAVERS
TS 30.82
5'-6"
BS(30.54)

TW 30.82
BW(30.44)

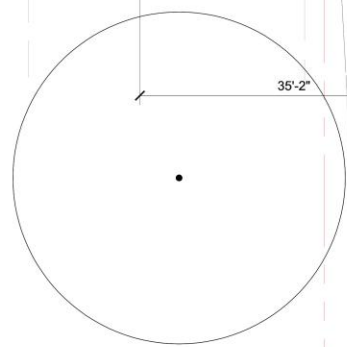
TW 30.82
BW(30.34)

TW 30.82
BW

37
L.L.O.W.
RIM 30.85
10'-0"(TYP.)
L.L.O.W.

ALIGN JOINTS WITH PAVING COURSING
C1 C11 C6 C6 C13 C10 C10 C10 C12 C16 C12 4'-6" 3'-0" 5'-0" 4'-0" 5'-0" 7'-3" 5'-9" 7'-0" 4'-5" 3'-7" 3'-0" 5'-0" 5'-0" 7'-0" 3'-0"

FIELD LIGHT,
REFER TO DETAIL 1/L-3.01 FOR LOCATION



35'-2"

2

(31.10)

Arts + Wellness Entrance

Lighting Power Density – 1.24 W/sf

Illuminance Requirements – 300 lux

- Visual Comfort
- Orientation
- Safety + Security



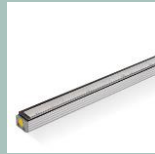
Arts + Wellness Entrance



Arts + Wellness Entrance



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Arts + Wellness Entrance



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Arts + Wellness Entrance



Arts + Wellness Entrance



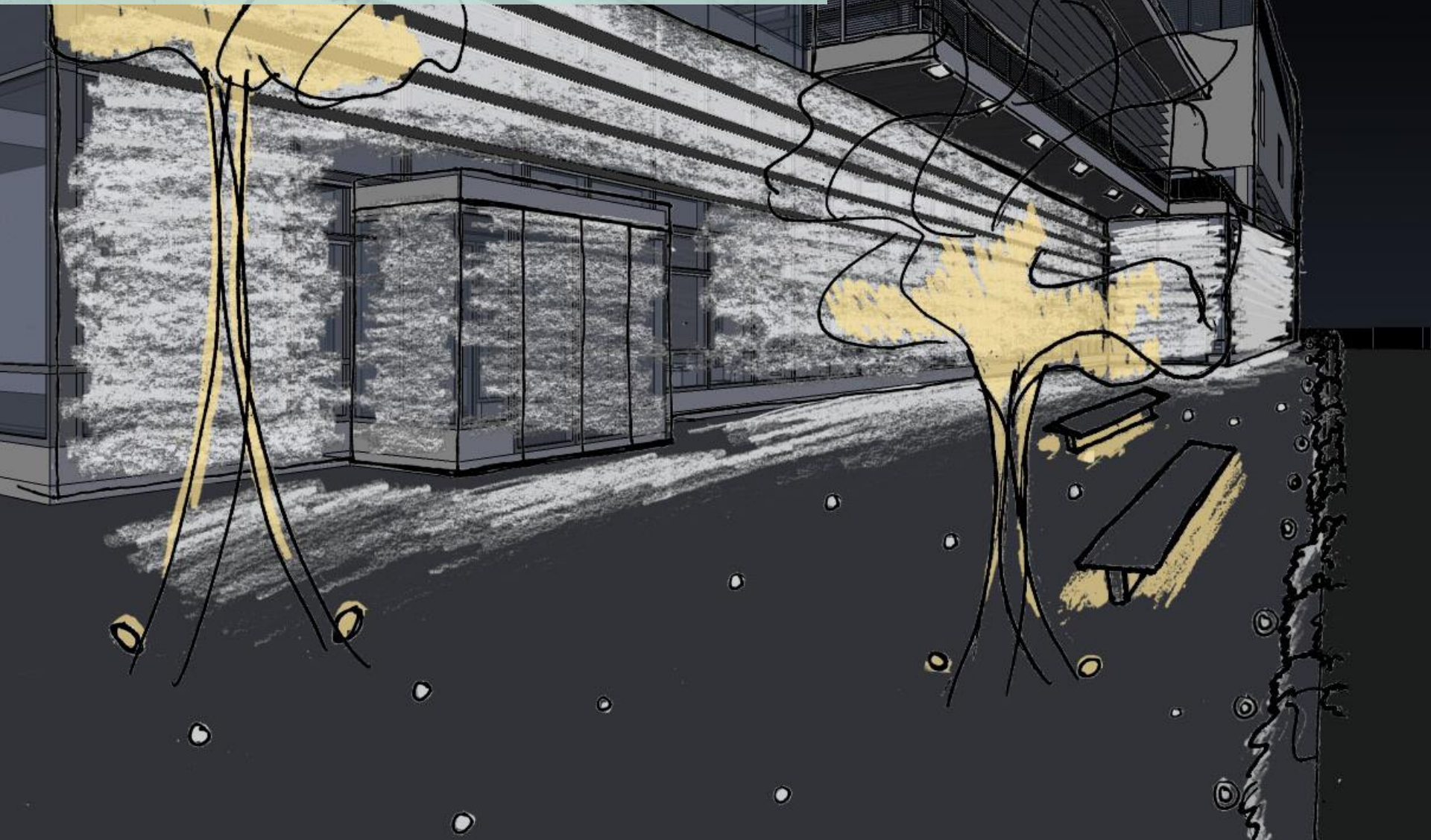
Arts + Wellness Entrance



Arts + Wellness Entrance



Arts + Wellness Entrance





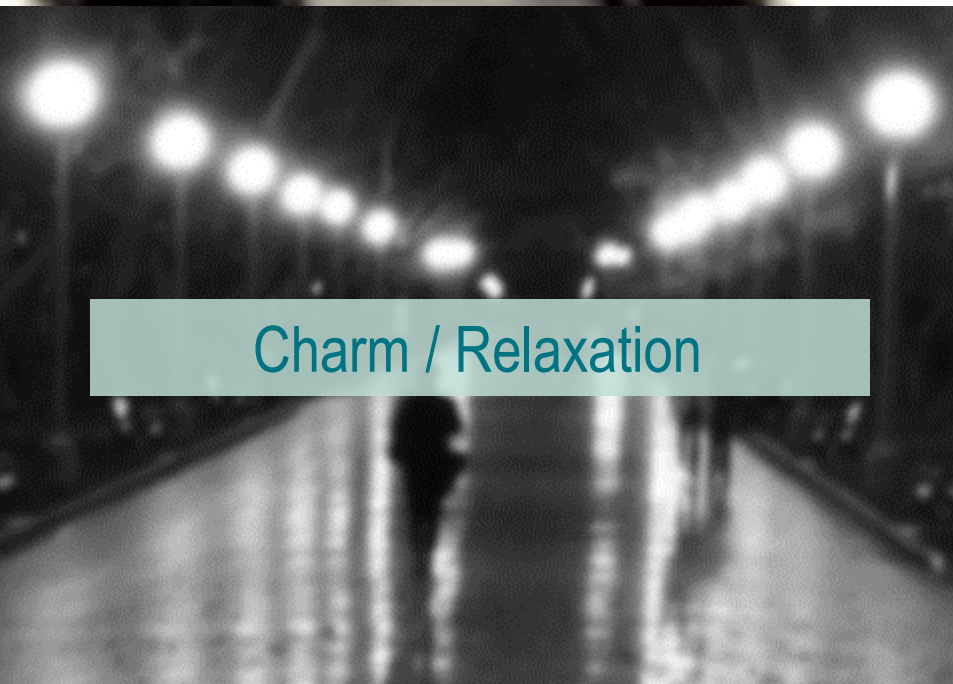




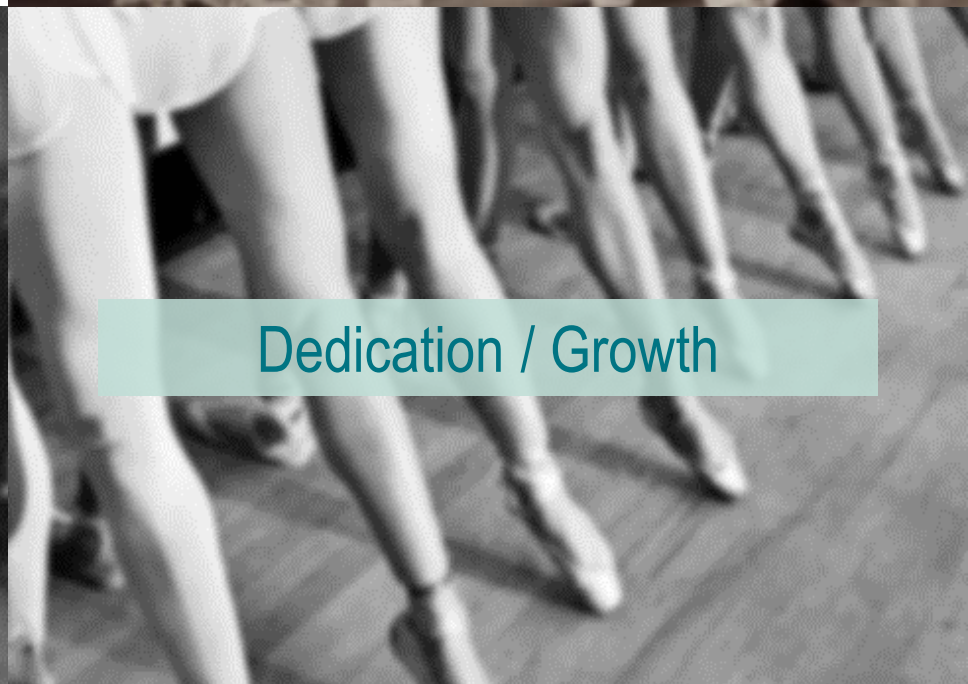
Expression / Drama



Collaboration / Study



Charm / Relaxation



Dedication / Growth

Thank You



SEE FP DWGS FOR LAYOUT



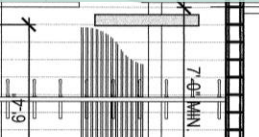
1 PLY GYPSUM BOARD FASTENED TO DECK SEE RCP

ROOF DRAIN

Performing Arts Theatre

More on Sight Lines

SEE DUCT BLACK, TYP



CHASE BEYOND

LADDER EXTENSION TO 60" AFF

CATWALK AT EL. 48"



SEE A-6.09 FOR SECTION DIMENSIONS AND NOTES IN HOUSE SEE 1/A-6.12 FOR INTERIOR ELEVATION

HSS 8x8 W/ INTUMESCENT PAINT

HSS LADDER SUPPORT

LADDER TO CATWALK LEVEL

SHAFT WALL BEYOND

LIGHTS: SEE RCP

ED CONDUIT

IONS x3

DOOR ENLARGED PLAN FOR OPENINGS IN FLY GALLERY STAGE WALL, TYP.

PTD CMU, TYP

R STANDPIPE

17'-0"

SEE A-6.13 FOR RAIL INTERIOR ELEVATIONS

4 CABLE HOOKS: SEE E-5.01

SEE A-6.09 FOR SECTION DIMENSIONS AND NOTES IN HOUSE; SEE 1/A-6.12 FOR INTERIOR ELEVATION

HOUSE CIRCULATION 210

SEE A-5.13 FOR RAIL INTERIOR ELEVATIONS

SEE INTERIOR ELEVATIONS FOR ALL INFORMATION BELOW BARRIER CEILING

PG58DEEP x18 WIDE

CPW#8 BEAM PENETRATION

SEE INTERIOR ELEVATIONS FOR ALL INFORMATION BELOW BARRIER CEILING

BA CEILING @ EL: +18'-7"

BA CEILING @ EL: +17'-4 1/4"

BA @ EL: +17'-3"

SEE INTERIOR ELEVATIONS FOR ALL INFORMATION BELOW BARRIER CEILING
RESILIENT SEALANT @ HEAD

2'-0" 1'-4"

Performing Arts Theatre

More on Custom Options



Performing Arts Theatre

Application Photos



Performing Arts Theatre

Application Photos

