



BINCKHORST SYMPHONY

Thomas van der Schaft - 4277775 // P5 Presentation // Public Building - Music Marvel

Binckhorst Symphony



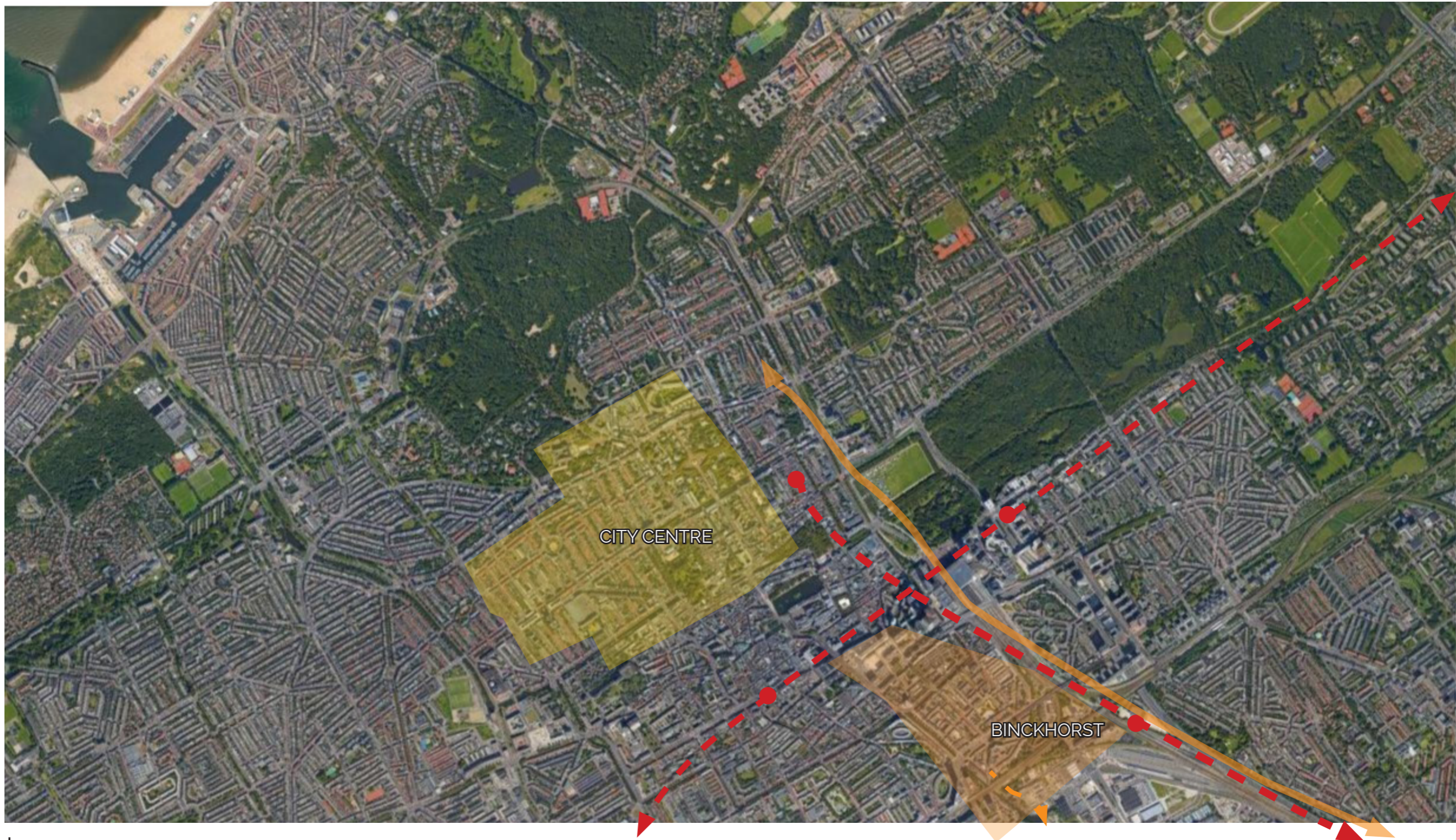
In what way can the identity of the Binckhorst area be articulated through the musical and architectural expression of the Music Marvel?



LOCATION



The Hague - Binckhorst



The Hague



Binckhorst



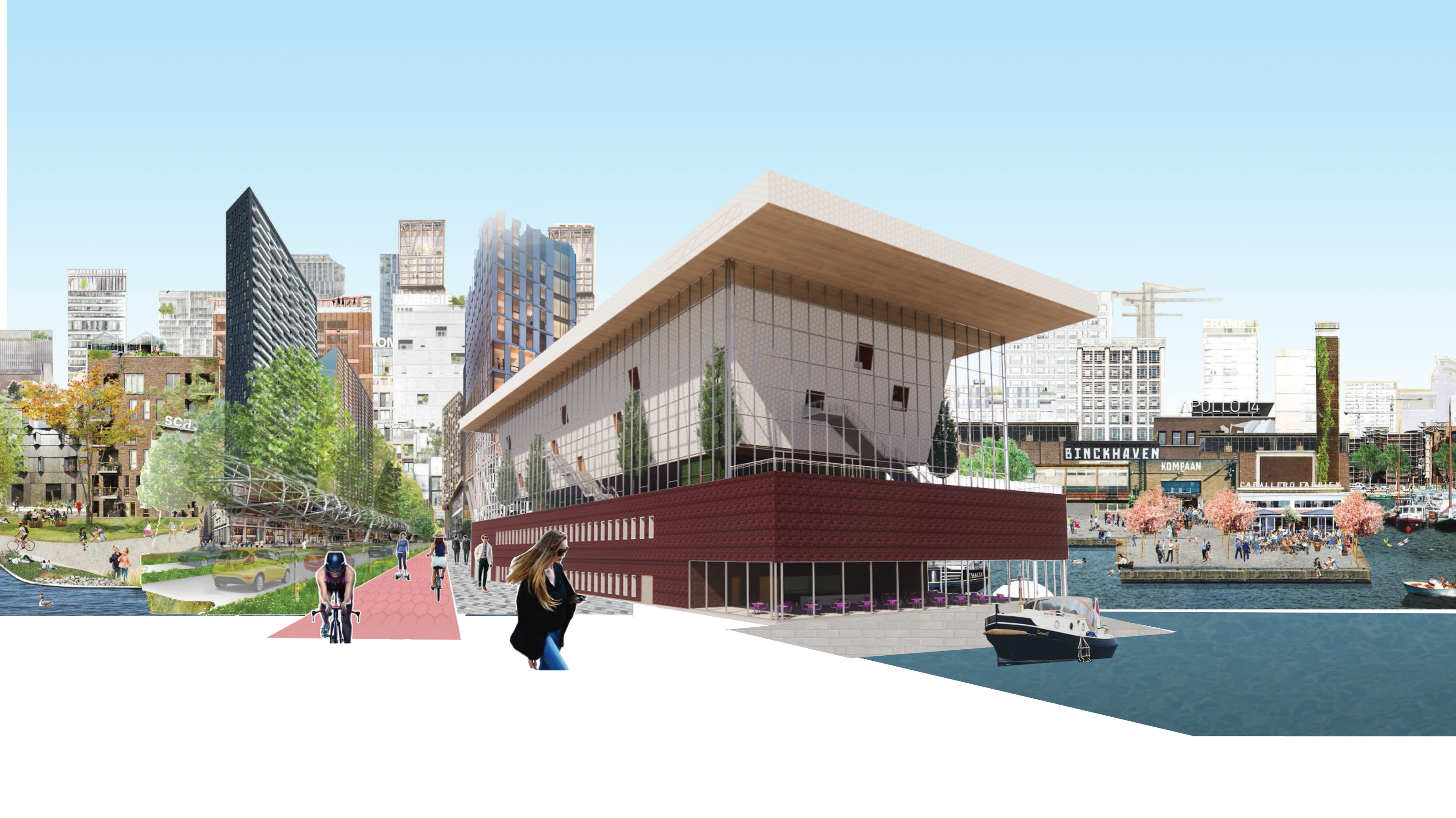
Trekvlizone



Binckhorstlaan



Binckhaven





SITE





COMPOSITION

Building Programme & Area

Venue

<i>Audience (seated)</i>	930 + 188
<i>GFA</i>	12000 m2

Concert Spaces

Main Hall	1296 m2
<i>Stage</i>	230 m2
<i>Back stage</i>	150 m2
<i>Stage director's room</i>	x

Small Hall	288 m2
<i>Stage</i>	72 m2
<i>Stage director's room</i>	x

Audience access

Entrance / Foyers	x
Ticket office	x
Wardrobe	x
Toilets	8m + 12f

Dedicated access

Artist entrance		x
Artist foyer		x
<i>Practice rooms</i>		
- Large		4 x 216 m2
<i>Dressing Rooms</i>		
Small	1p	5x 18 m2
Medium	6-8p	5x 36 m2
Large	25p	2x 108 m2
Office space		200 m2
First aid room		30 m2

Support

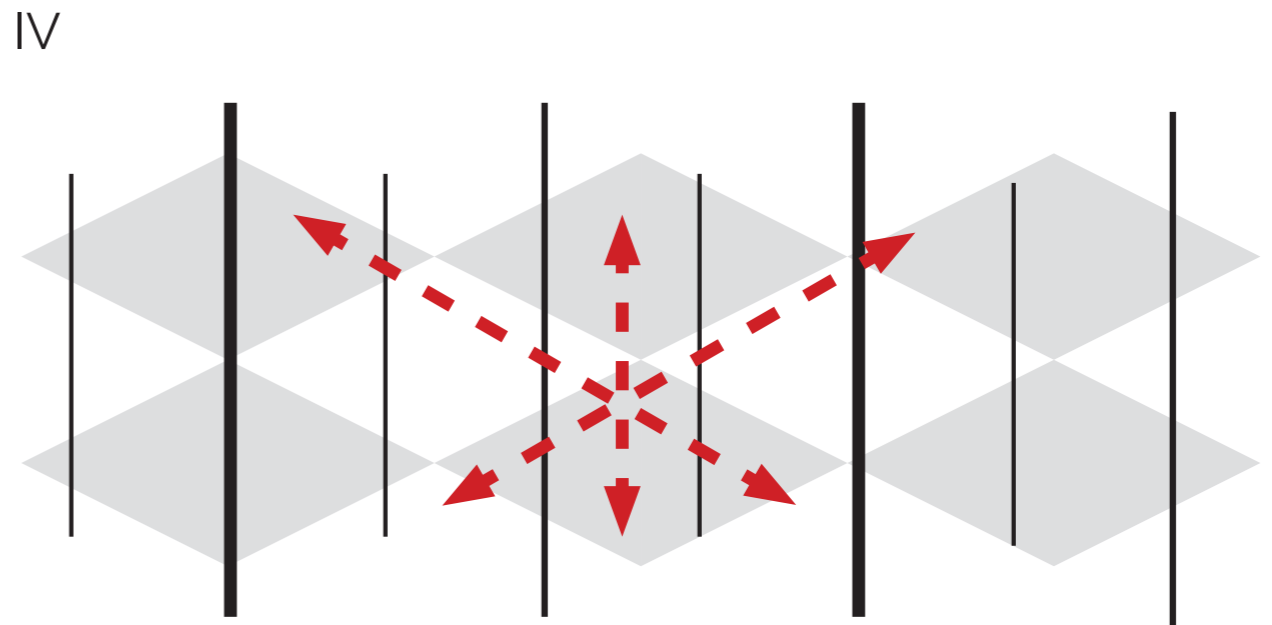
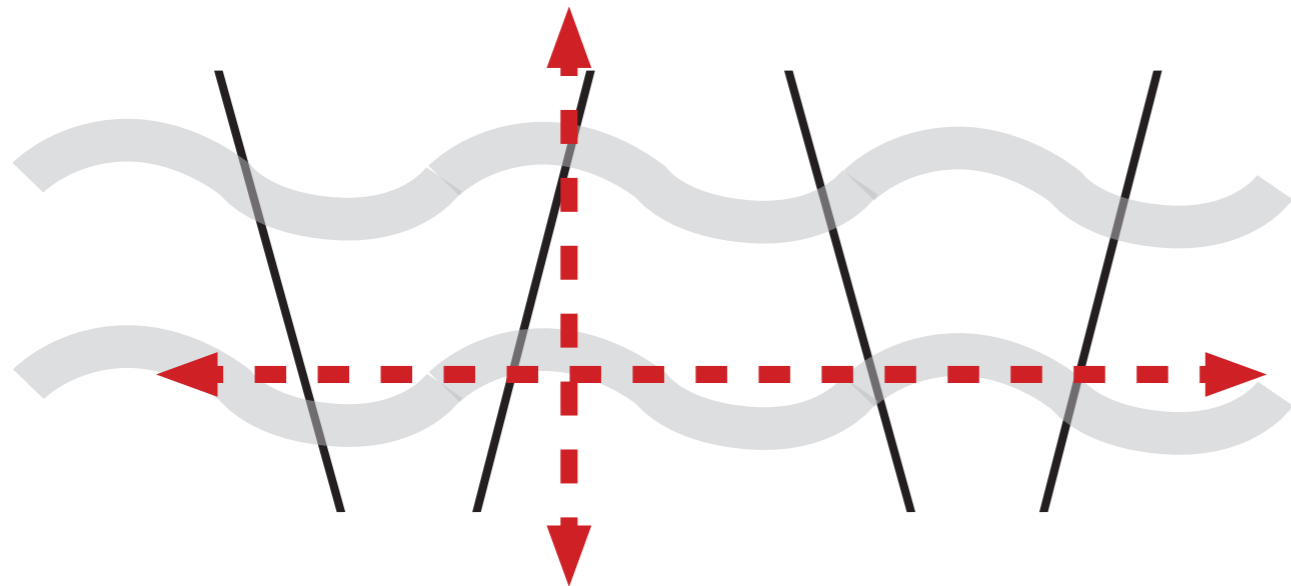
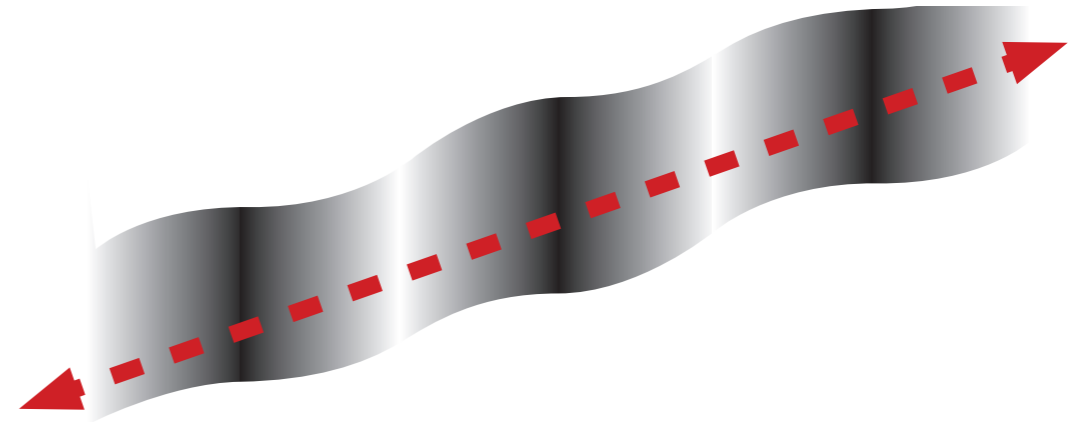
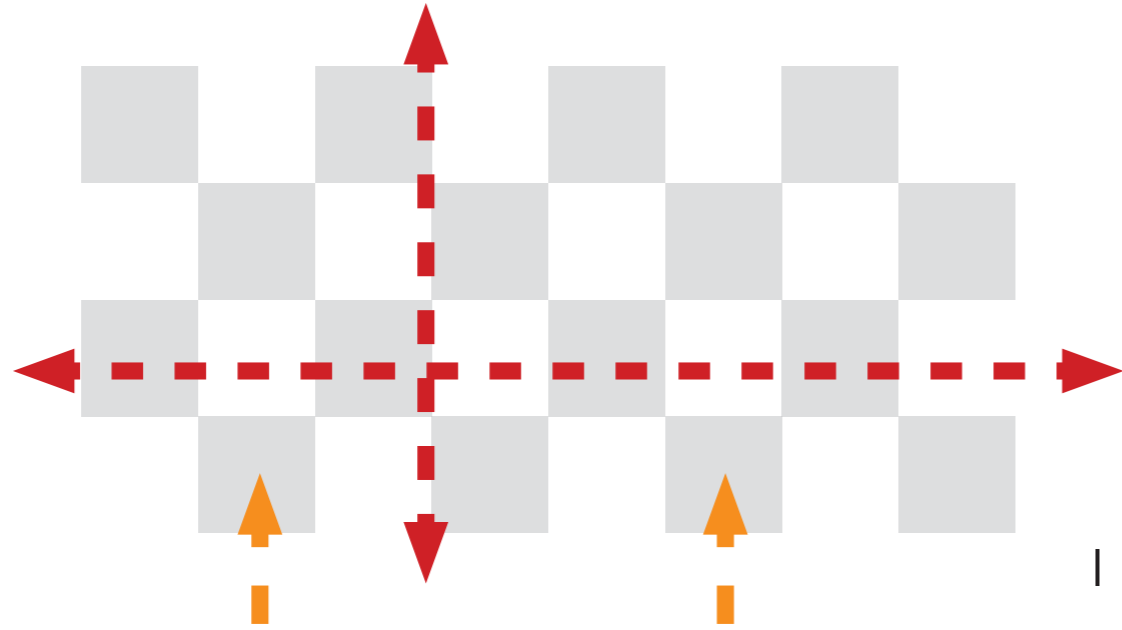
Loading area		2 trucks
Car Parking	48	1600 m2
Bicycle parking	400b	500 m2
Storage		50 m2
Technical spaces		10% of total

Additional

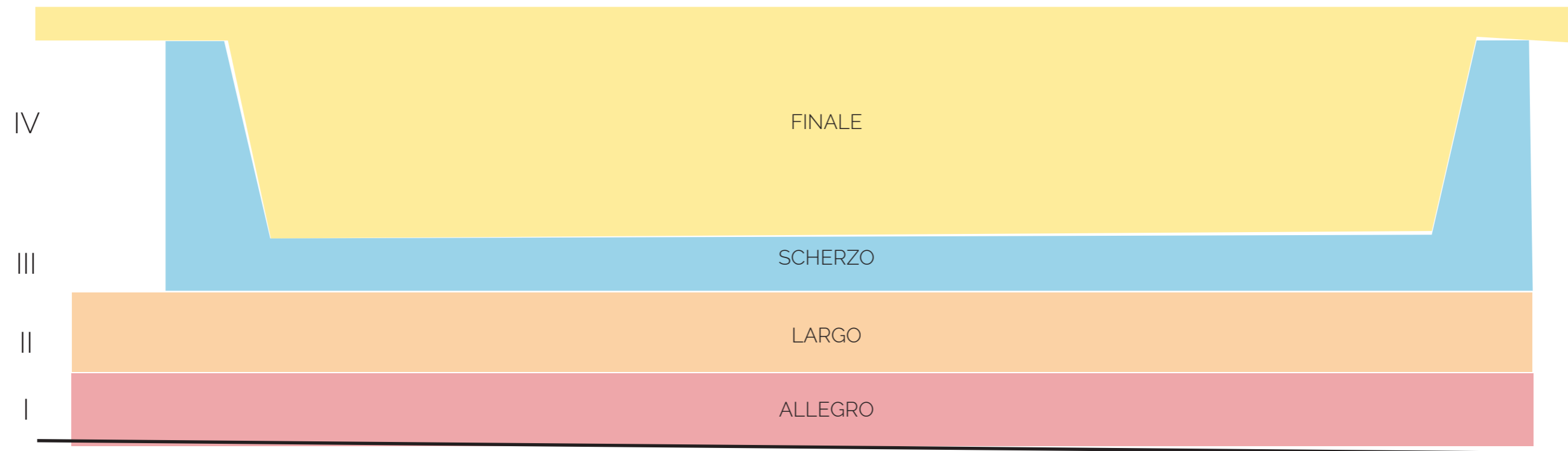
Cafe		288 m2
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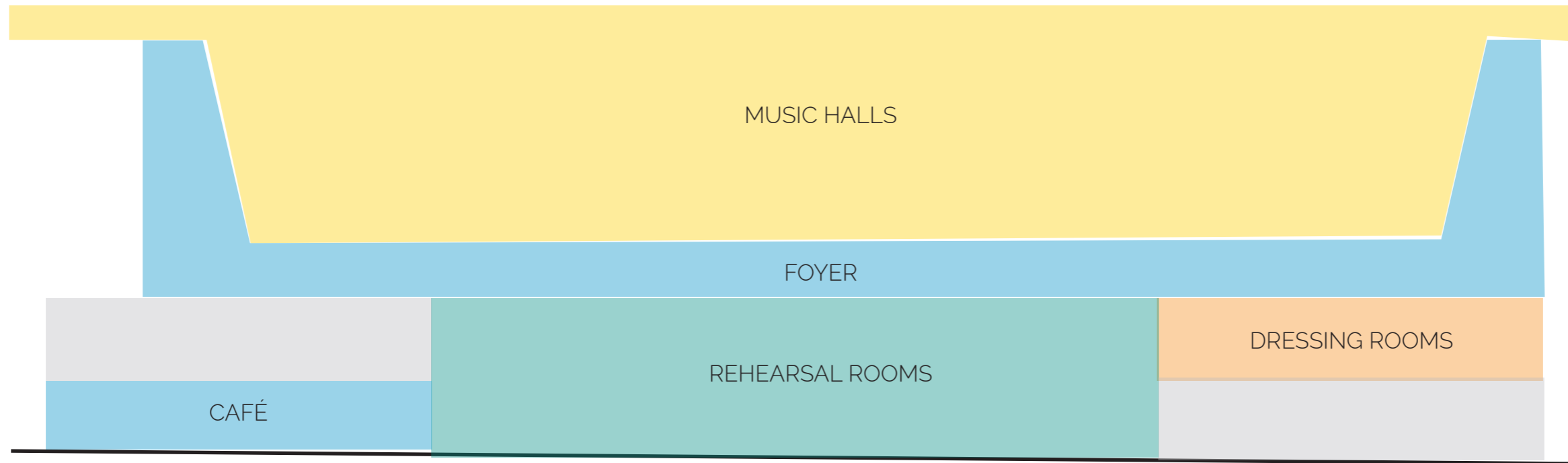


FORM



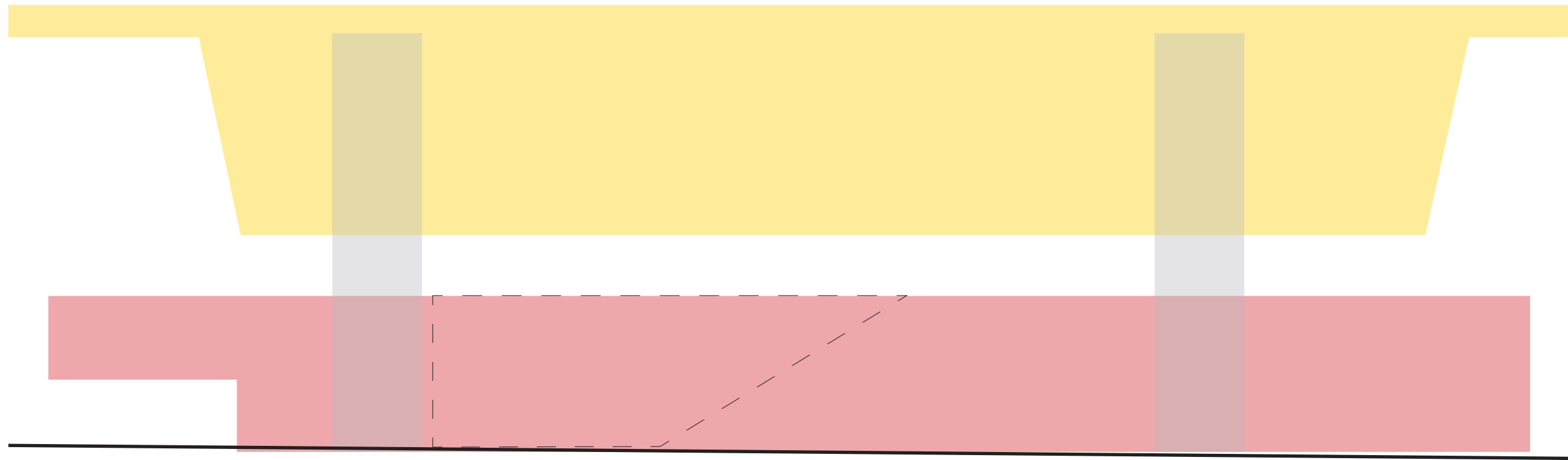
Expression



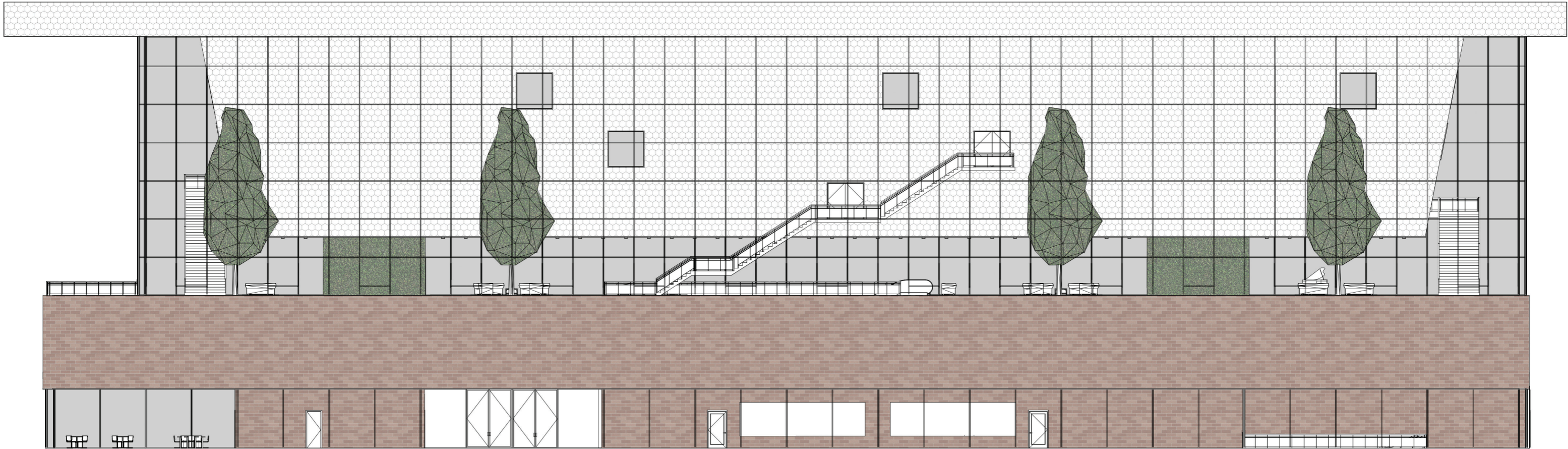




MUSICAL KEYS

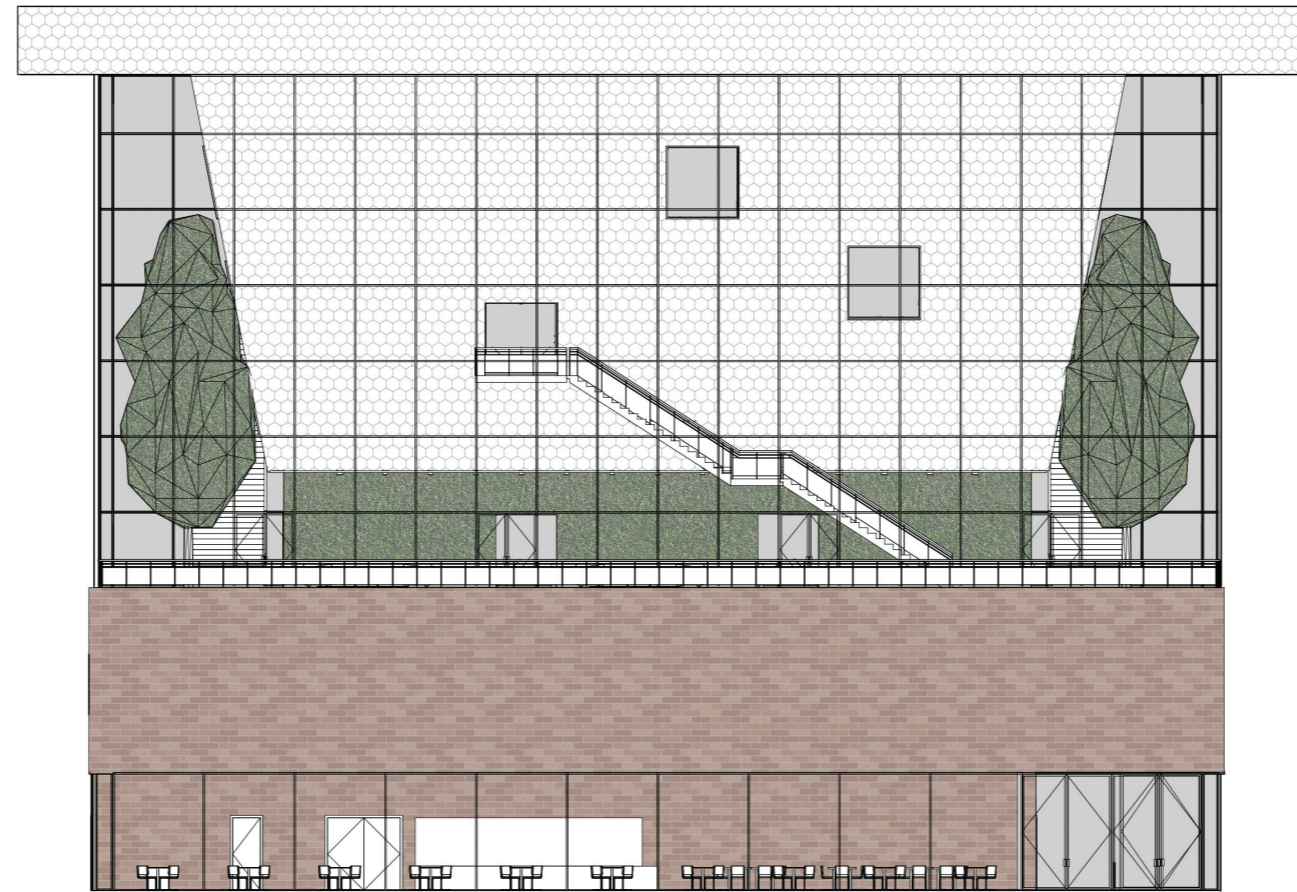


Key masses

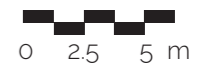


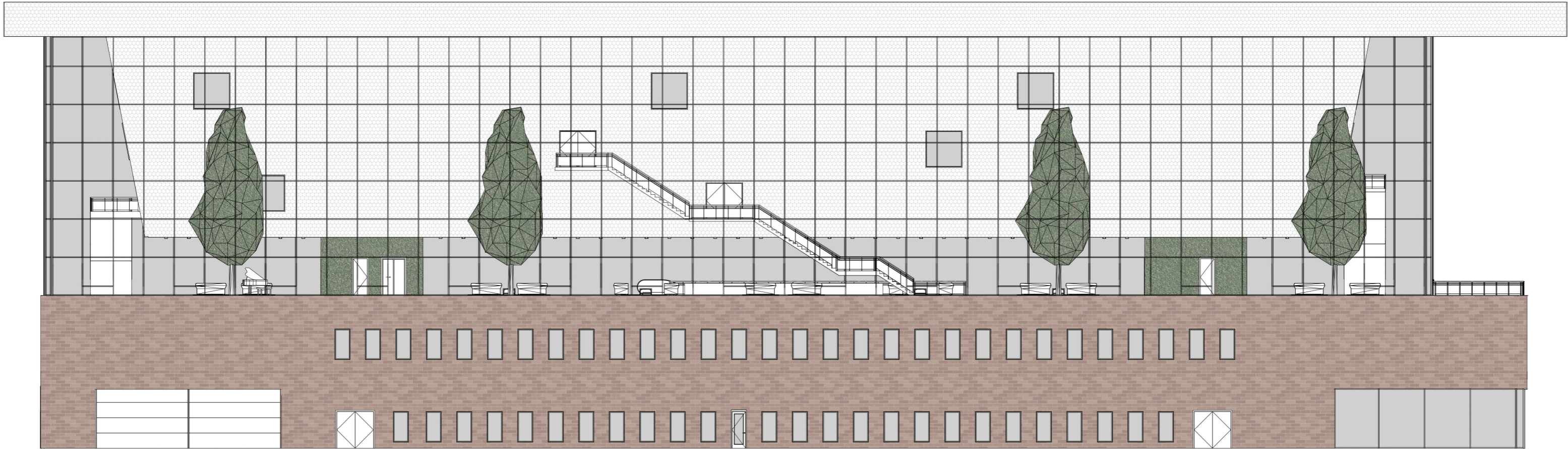
East Facade | Binckhaven





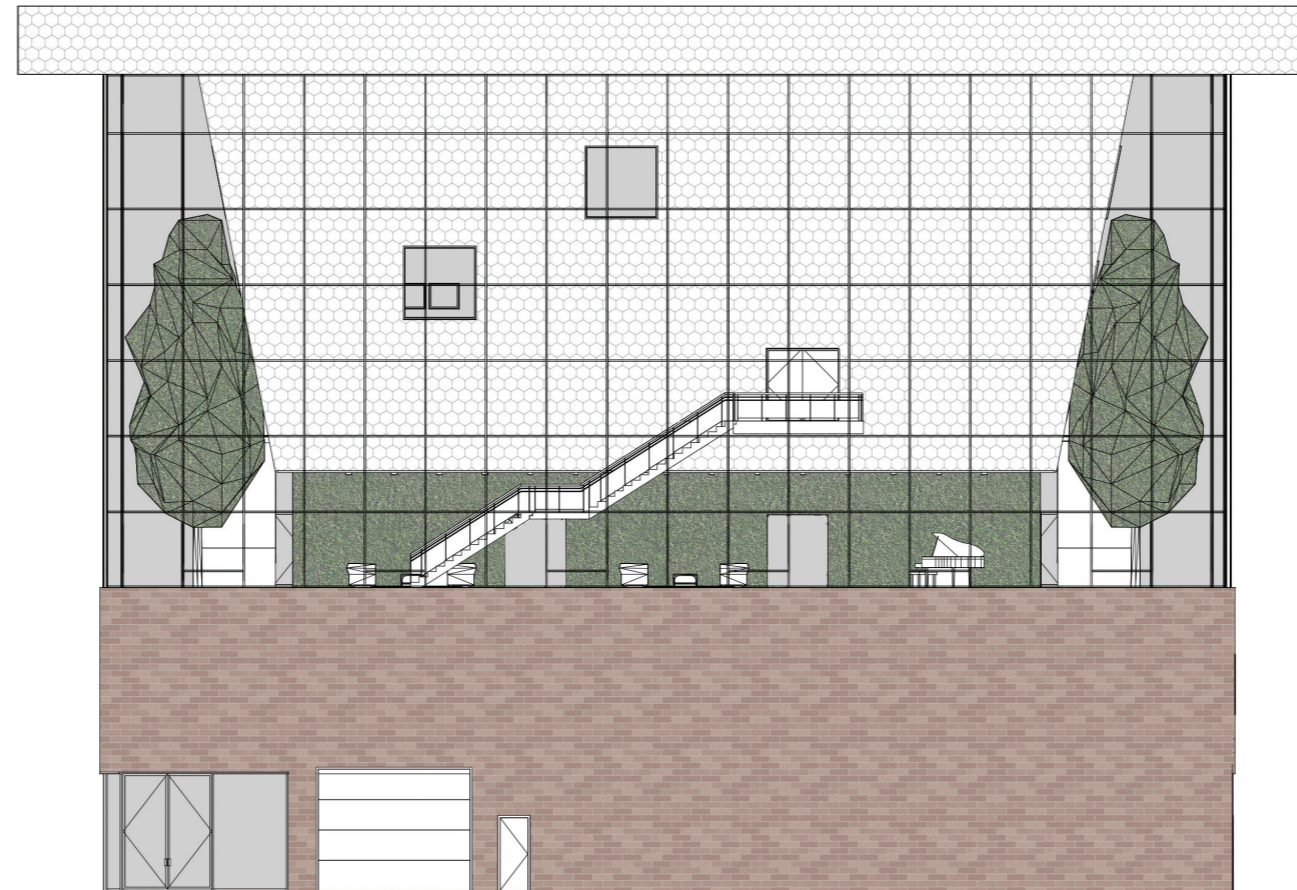
South Facade | Binckhaven





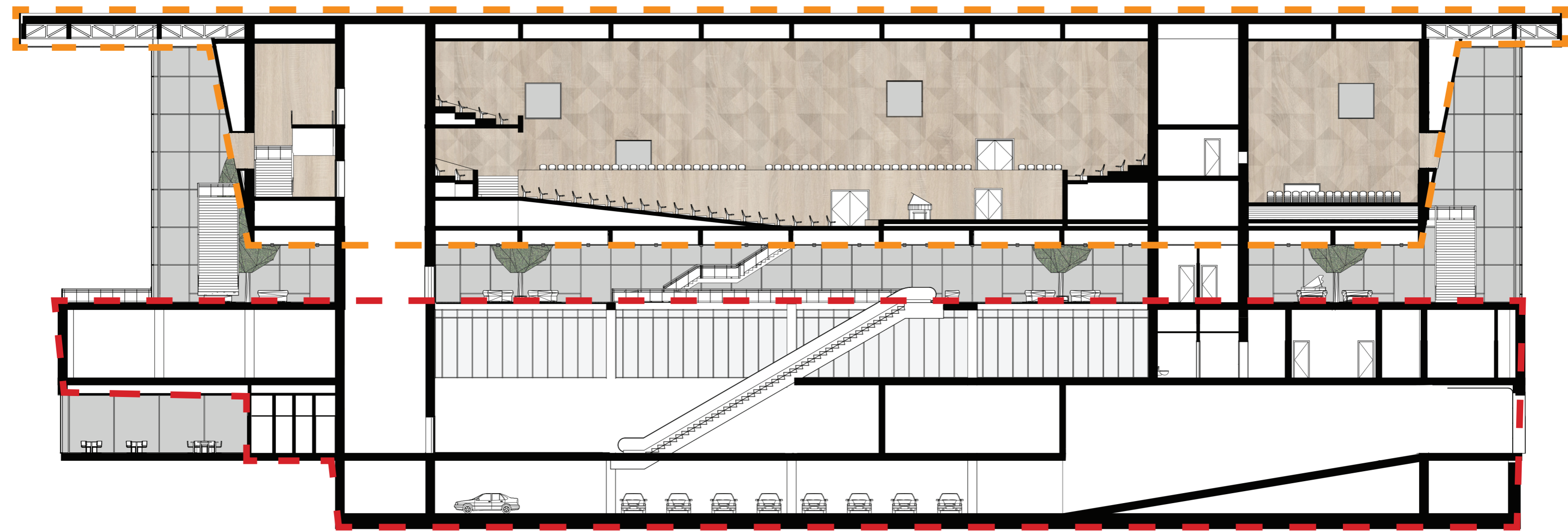
West Facade | Binckhorstlaan





North Facade



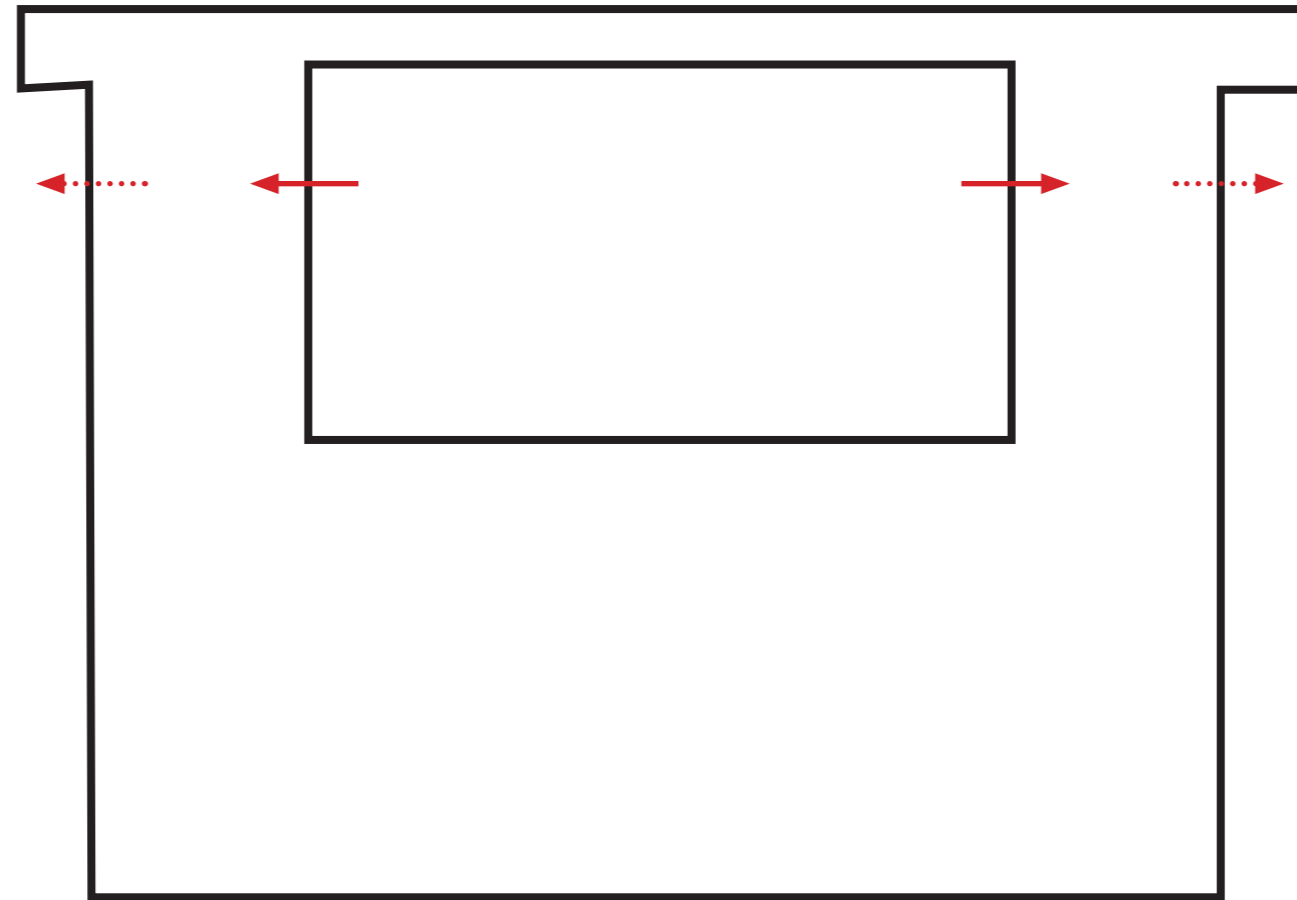


Cross-section | Lengthwise

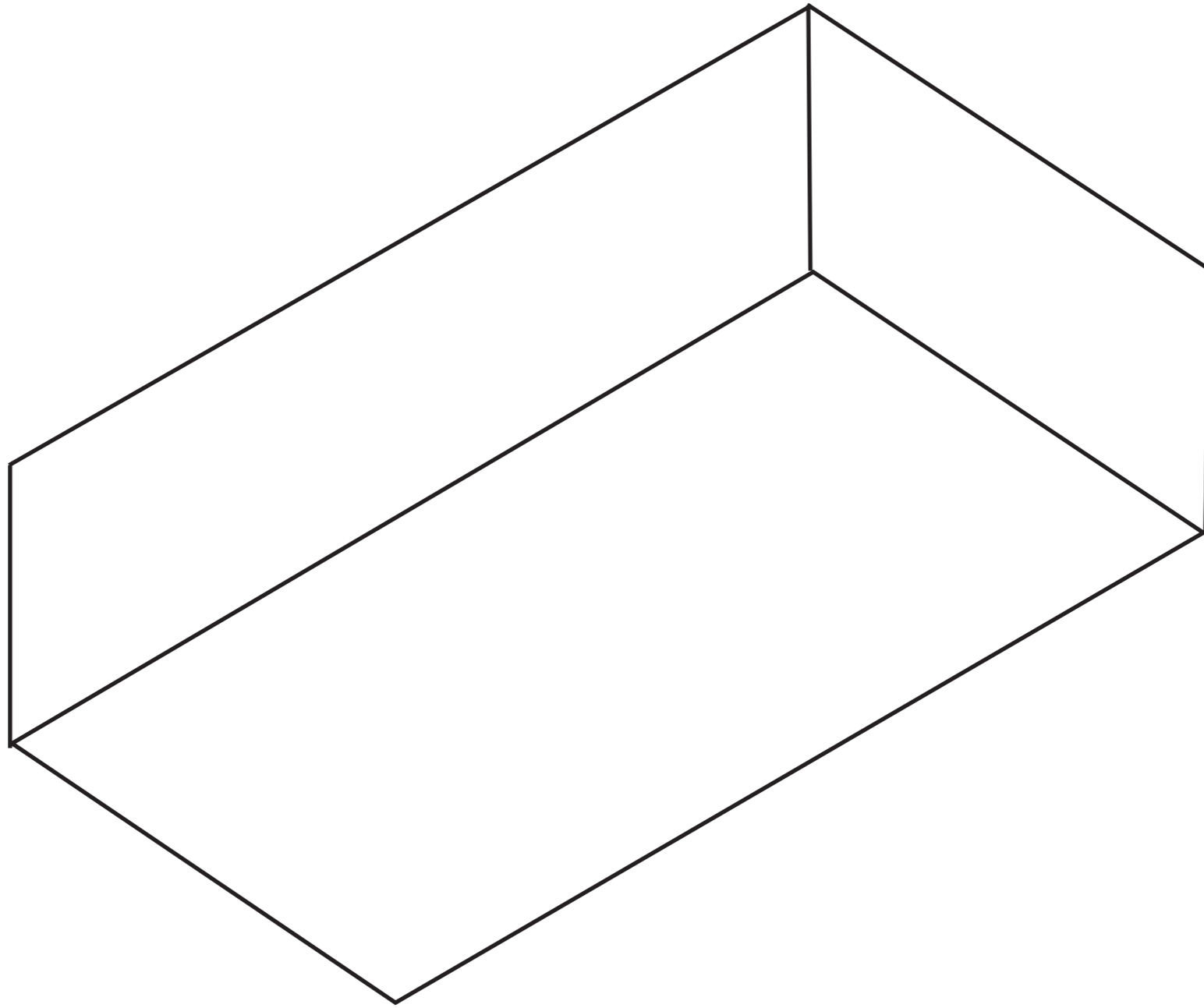




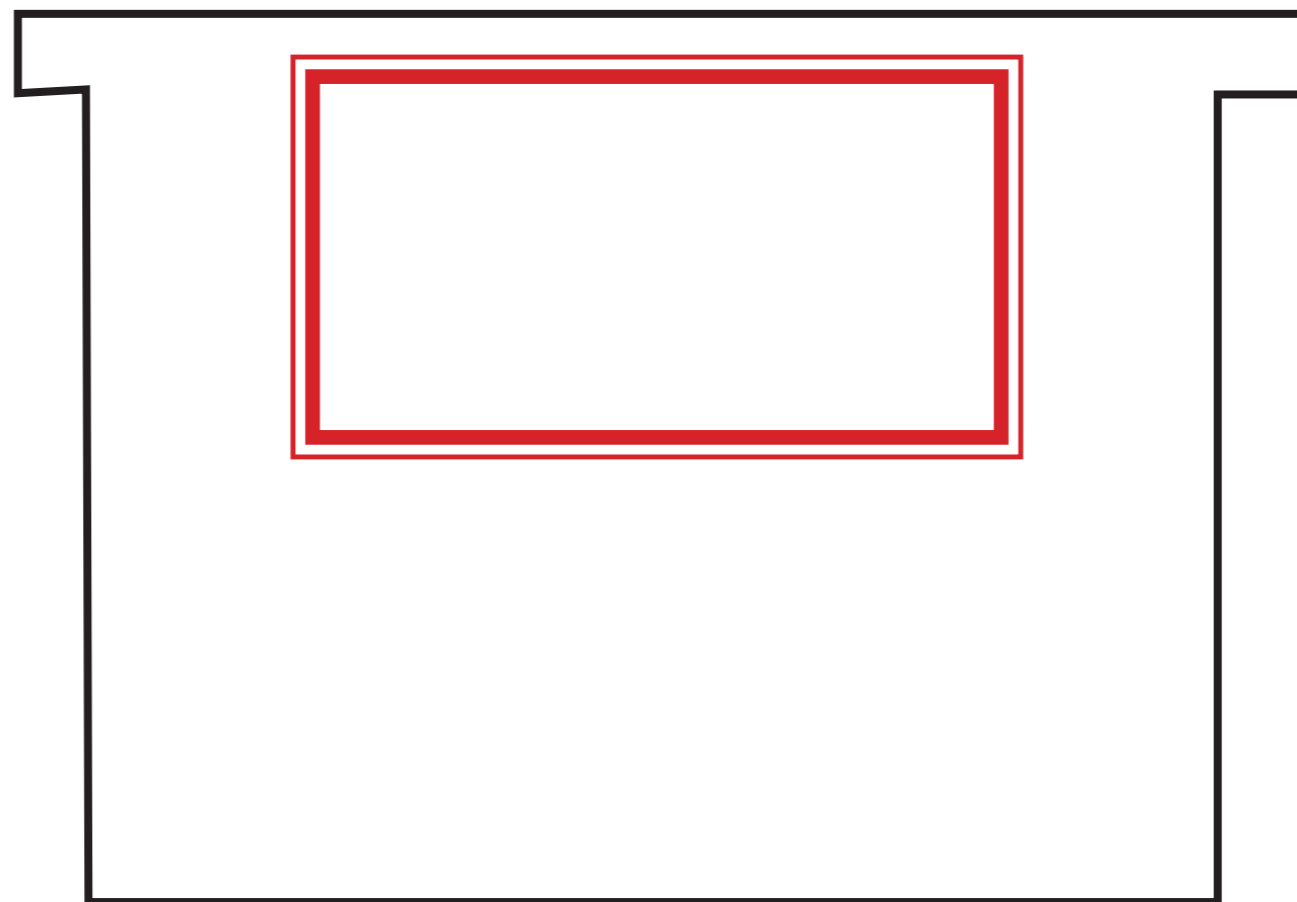
ACOUSTICS



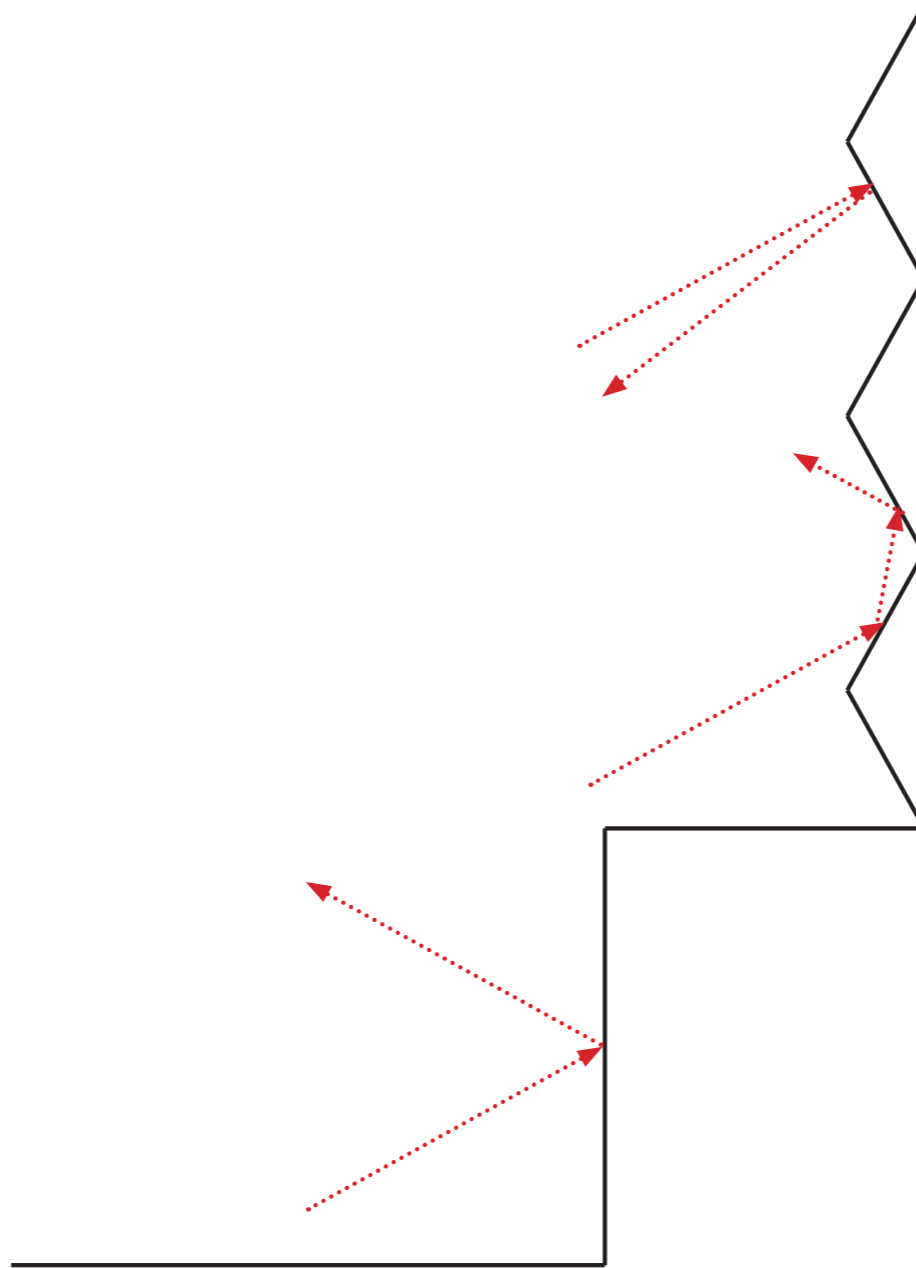
"EGG IN A BOX" - NO HALLS ALONG FACADE



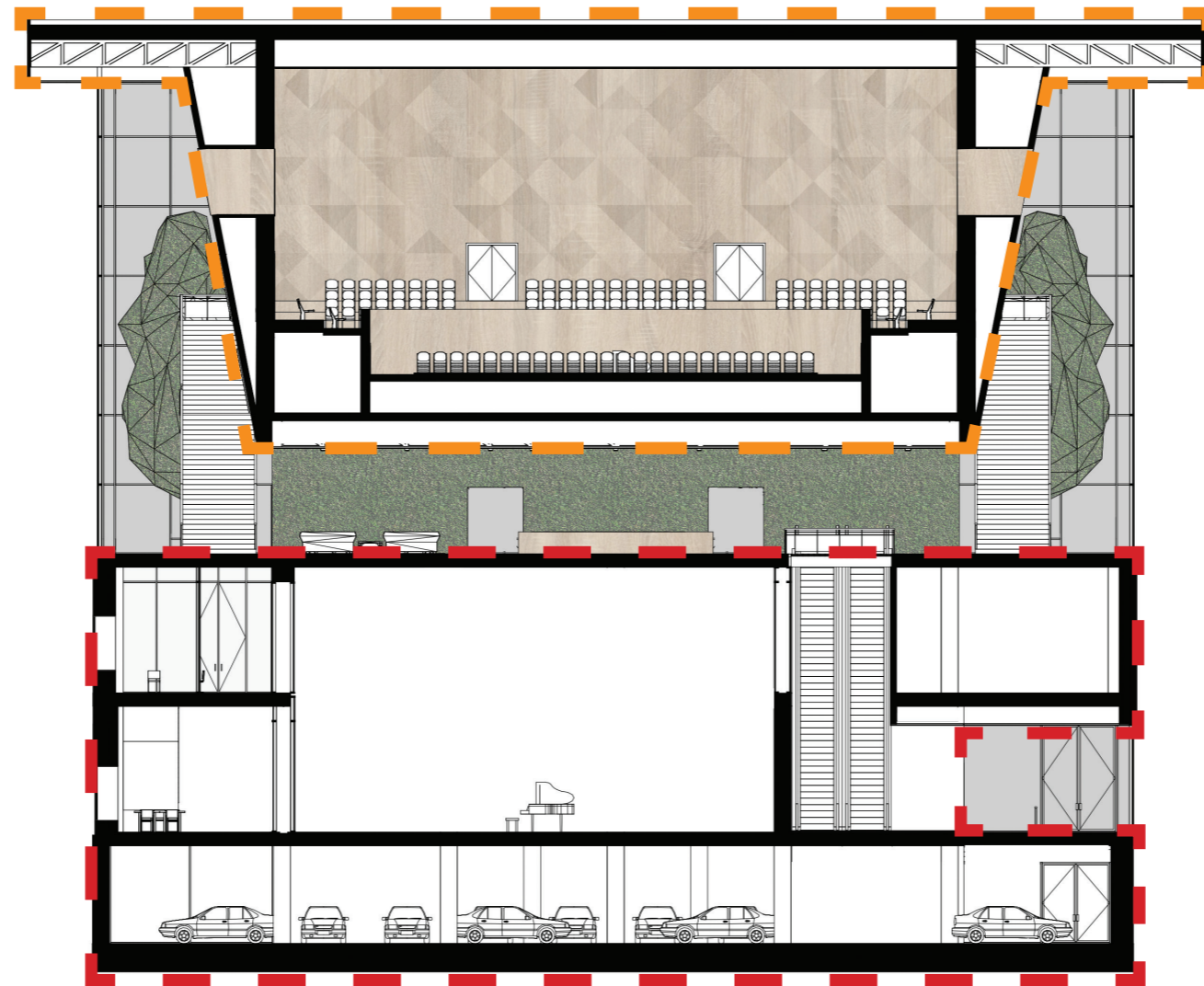
SHOEBOX SHAPED HALLS



INSULATE HALLS ACOUSTICALLY



REFLECTION AND DIFFUSION

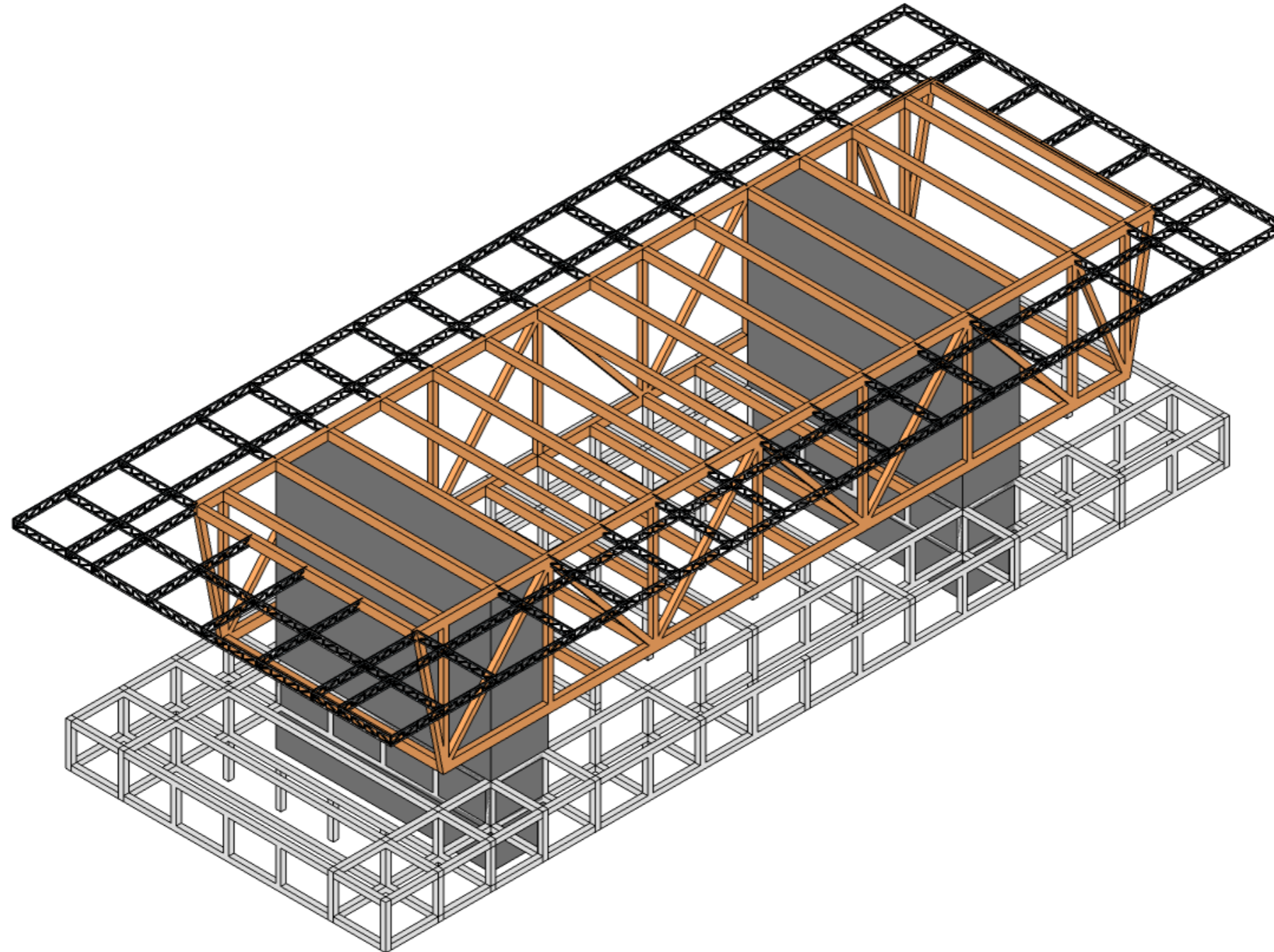


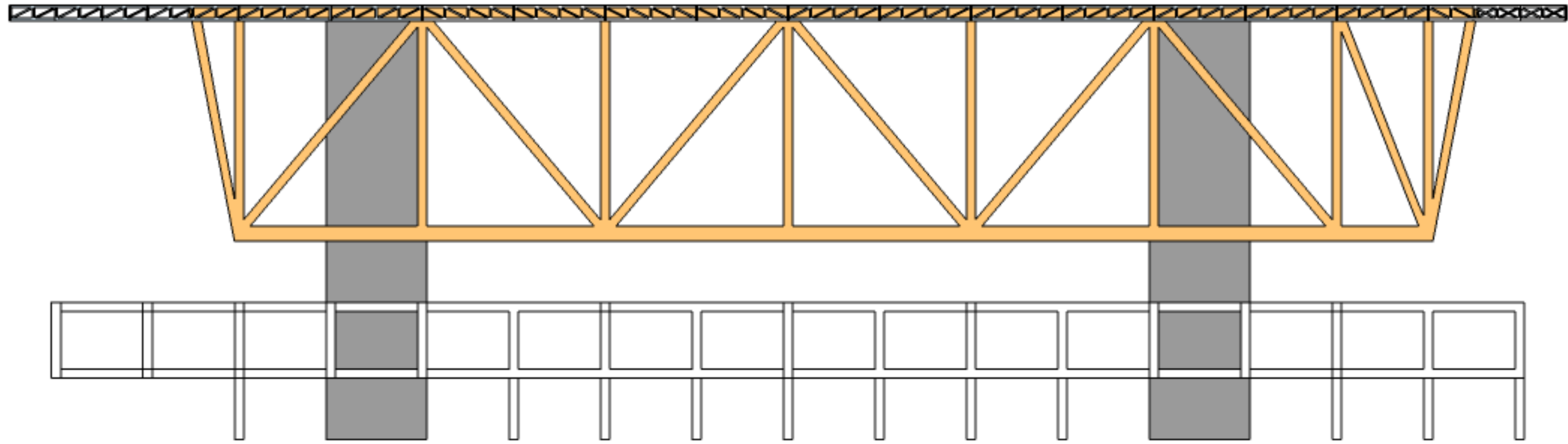
Cross-section | Crosswise





STRUCTURE

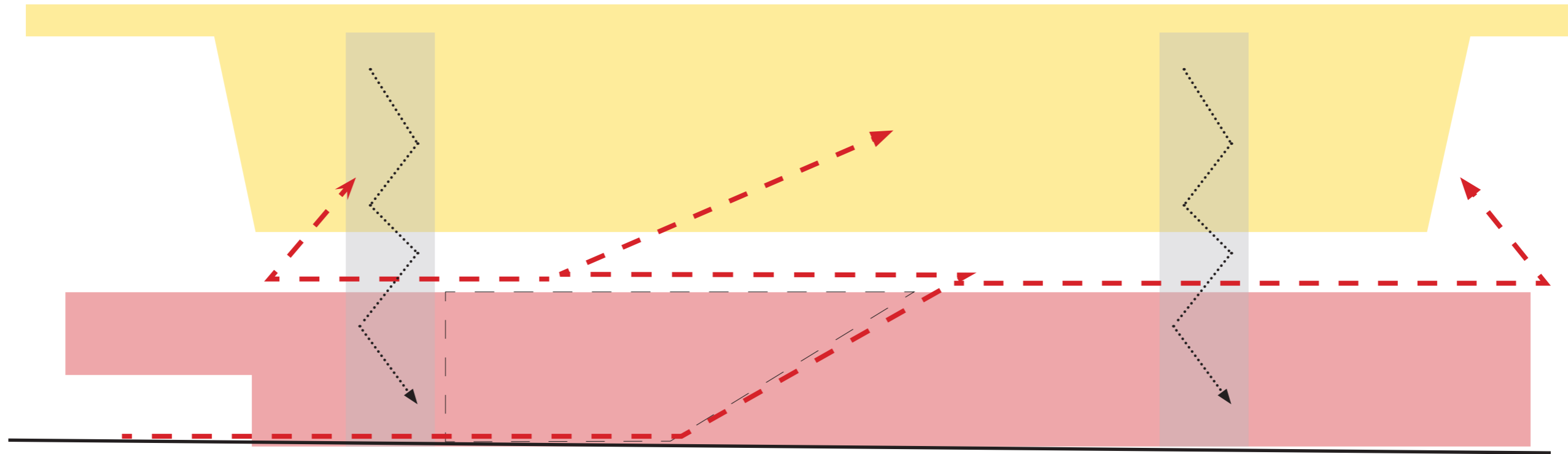




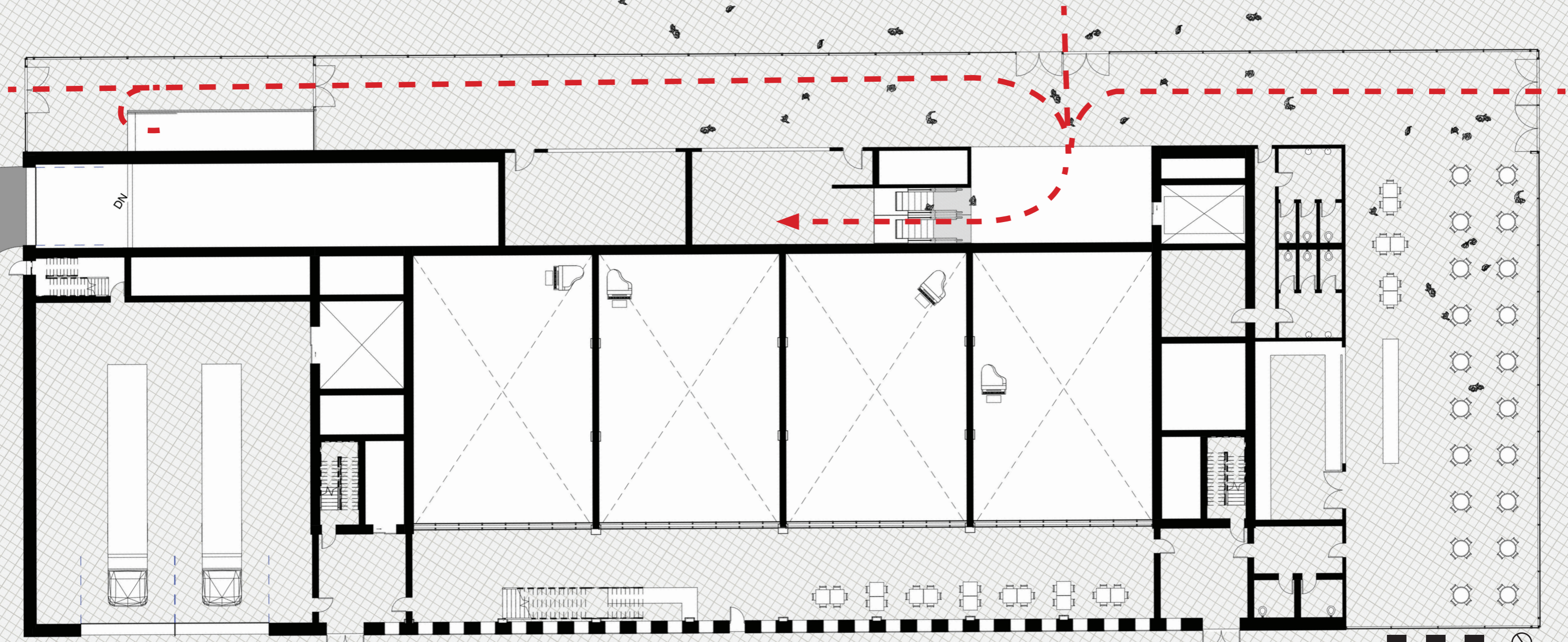
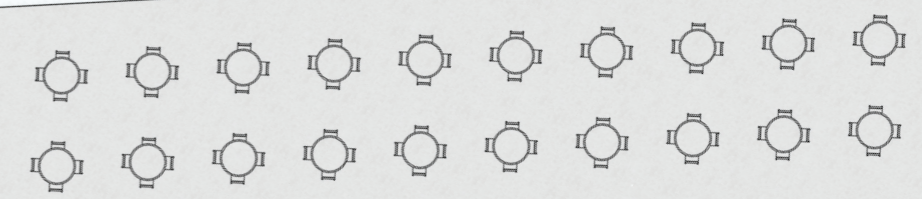
Structure



MELODY

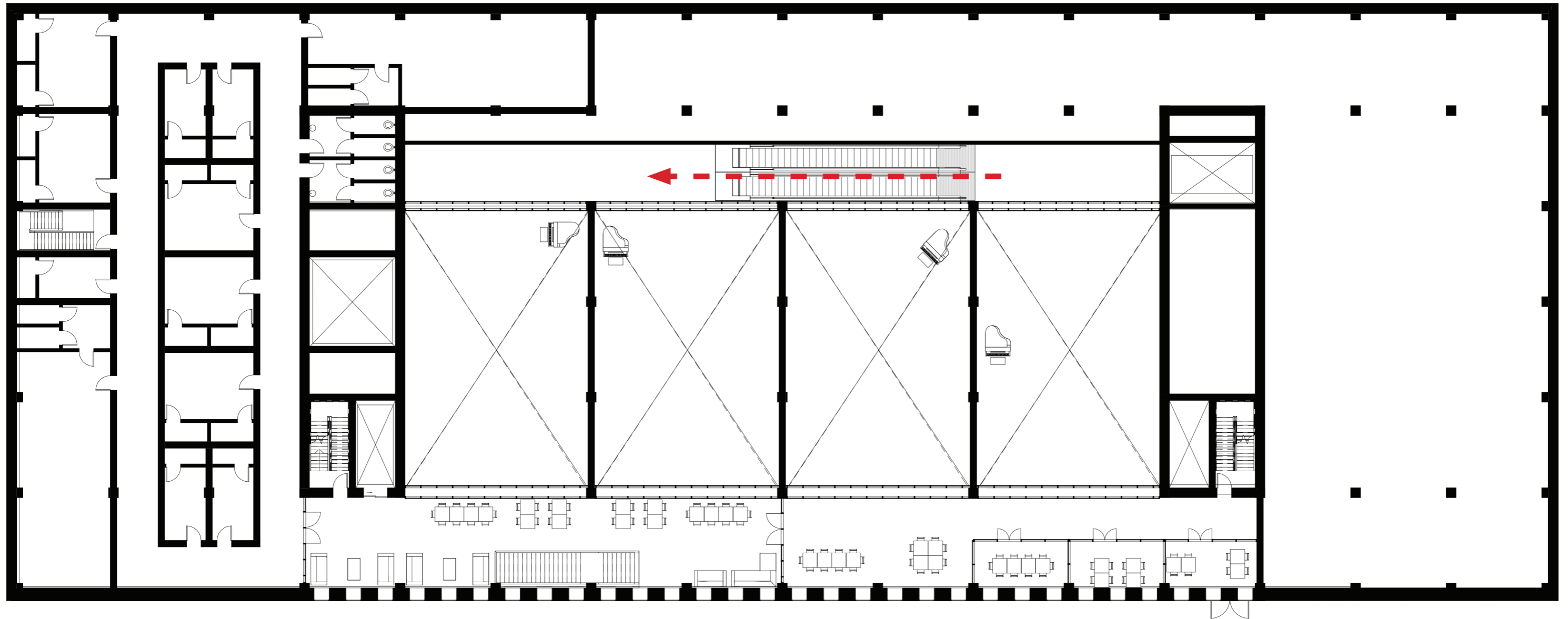


ROUTING



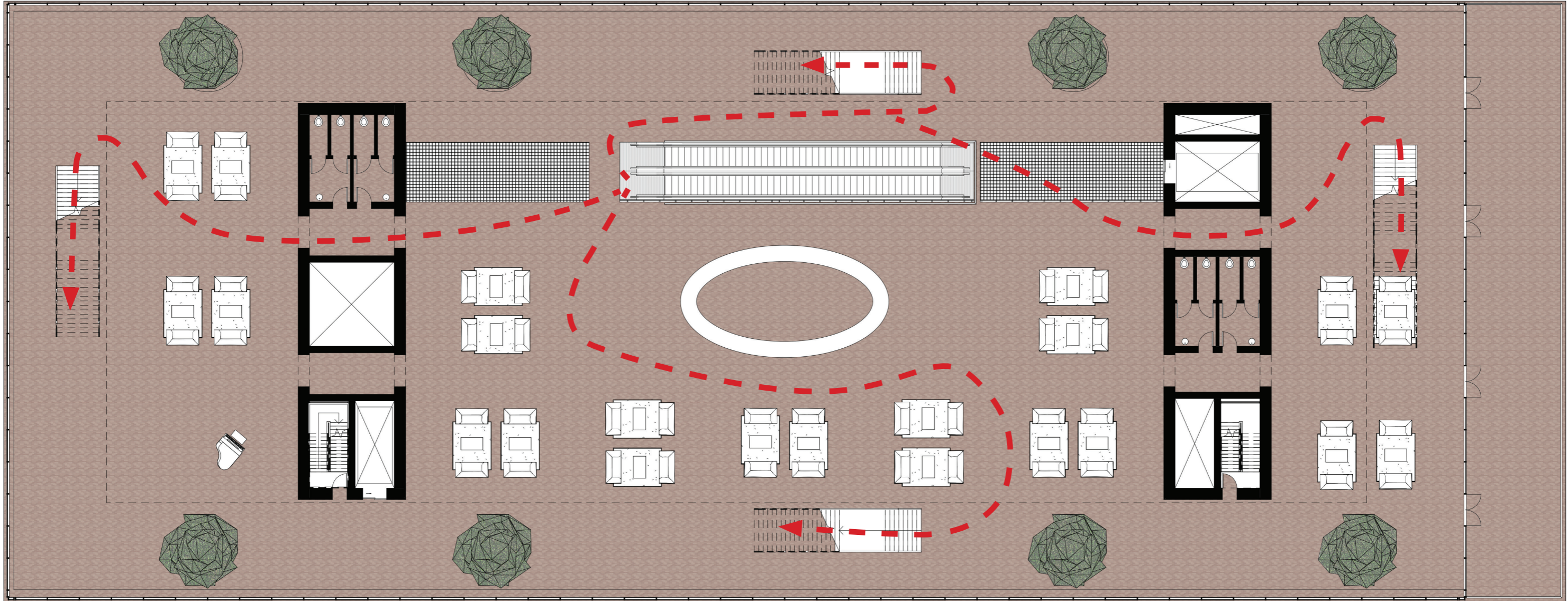
Ground Floor





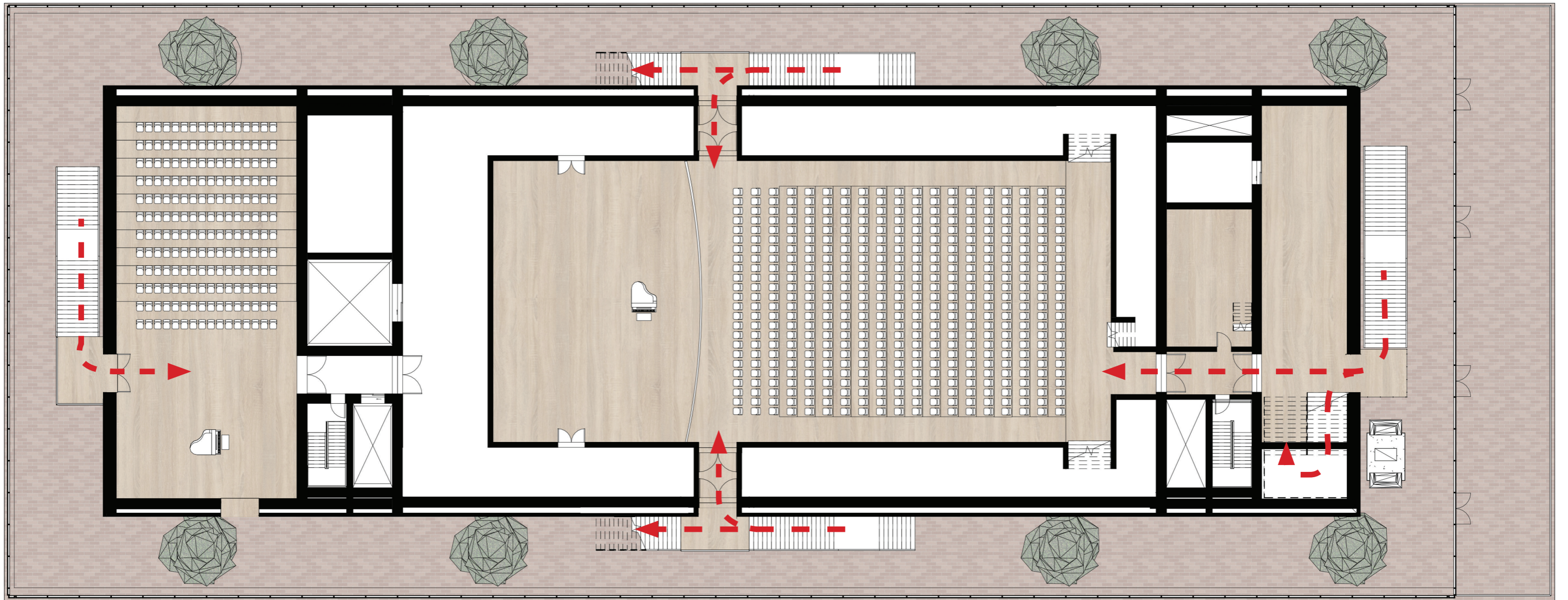
1st Floor





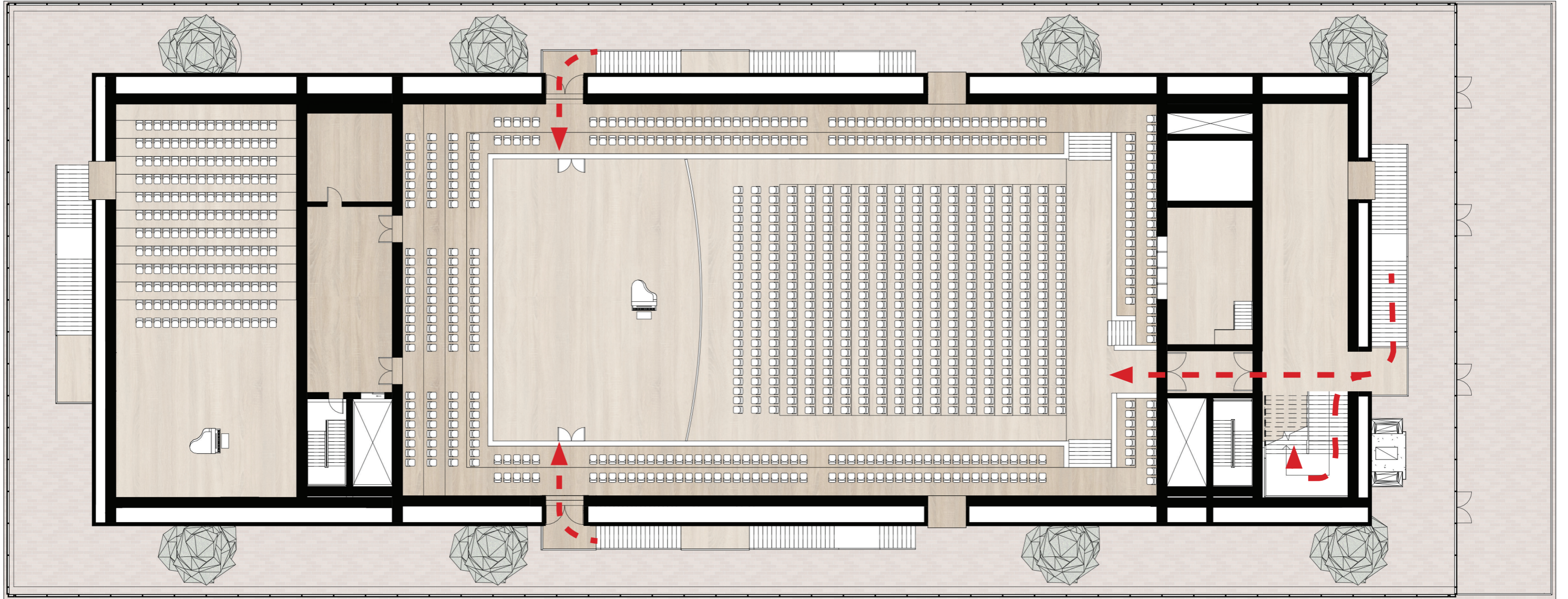
2nd Floor





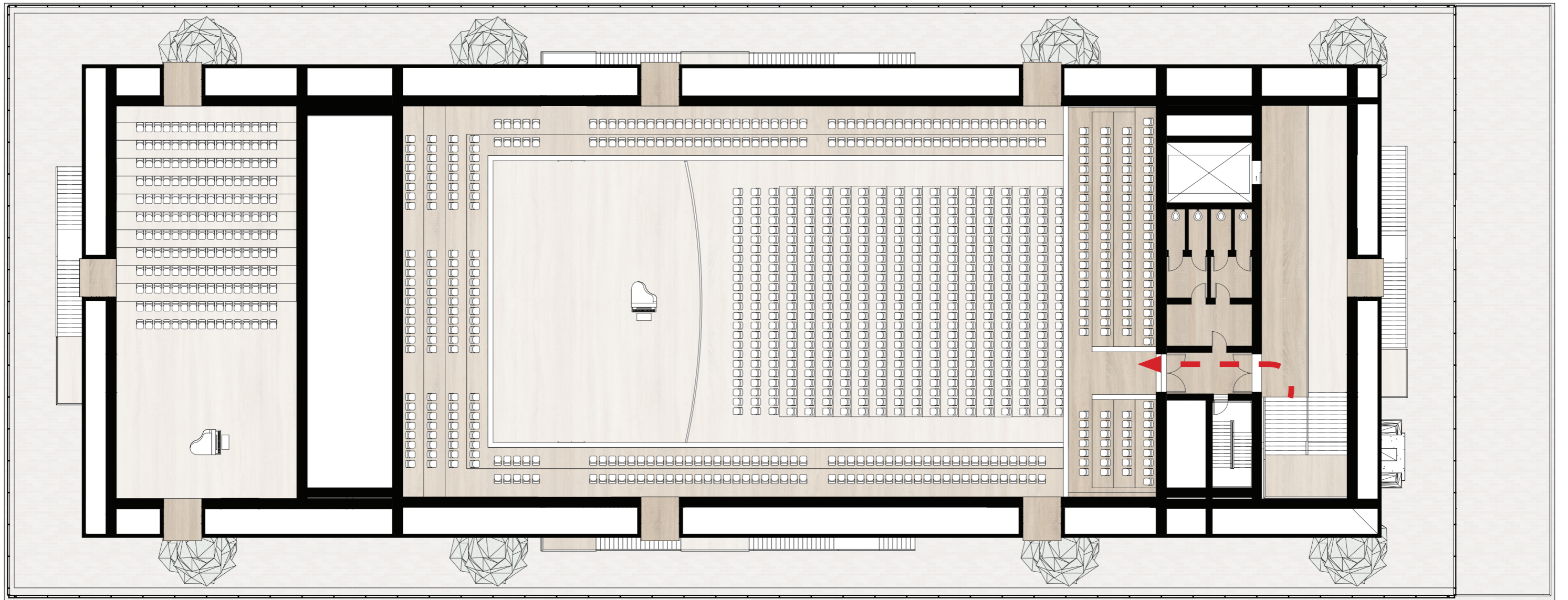
3rd Floor - Main Level Music Halls





4th Floor - Ring Level



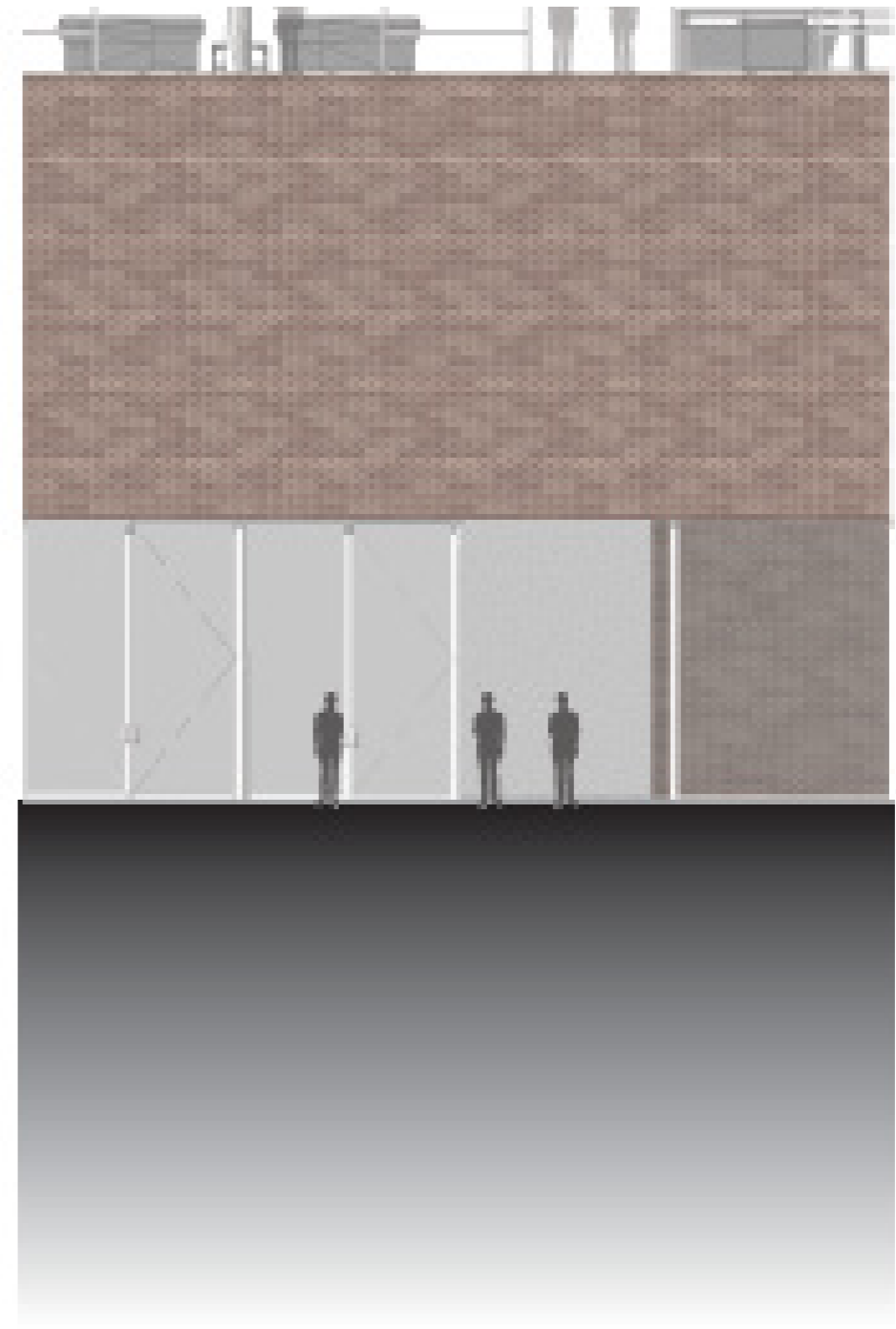
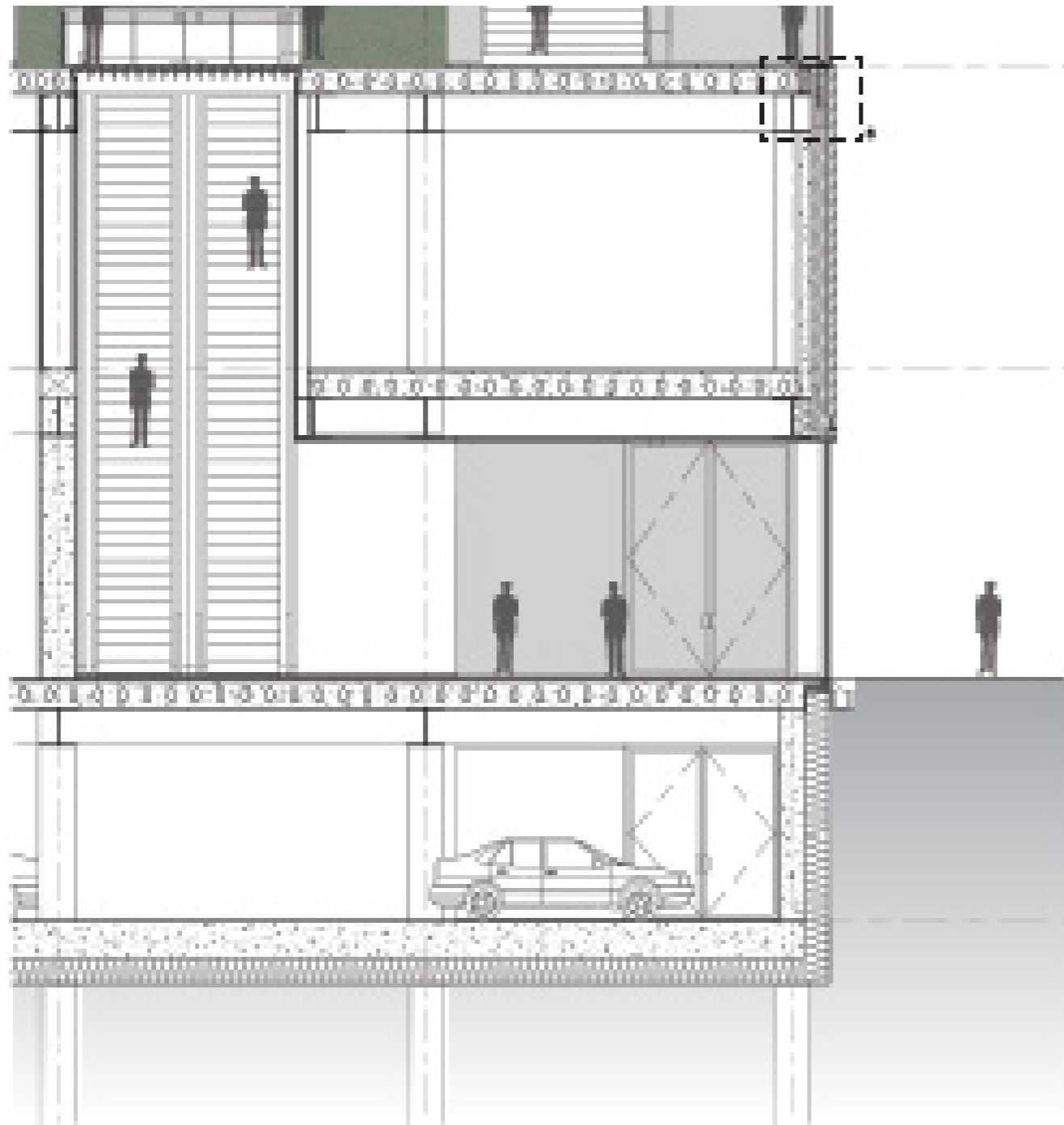


5th Floor - Balcony Level

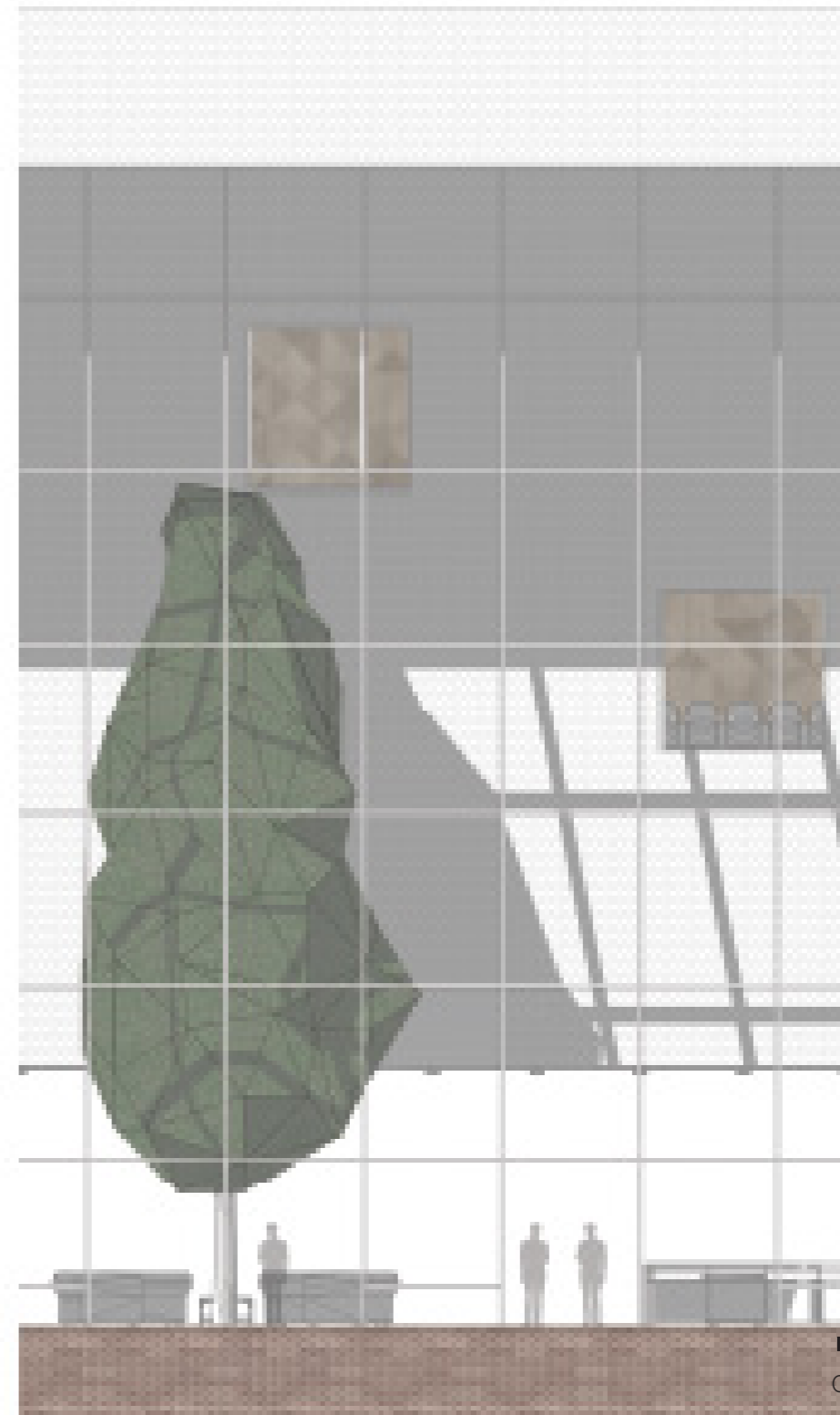
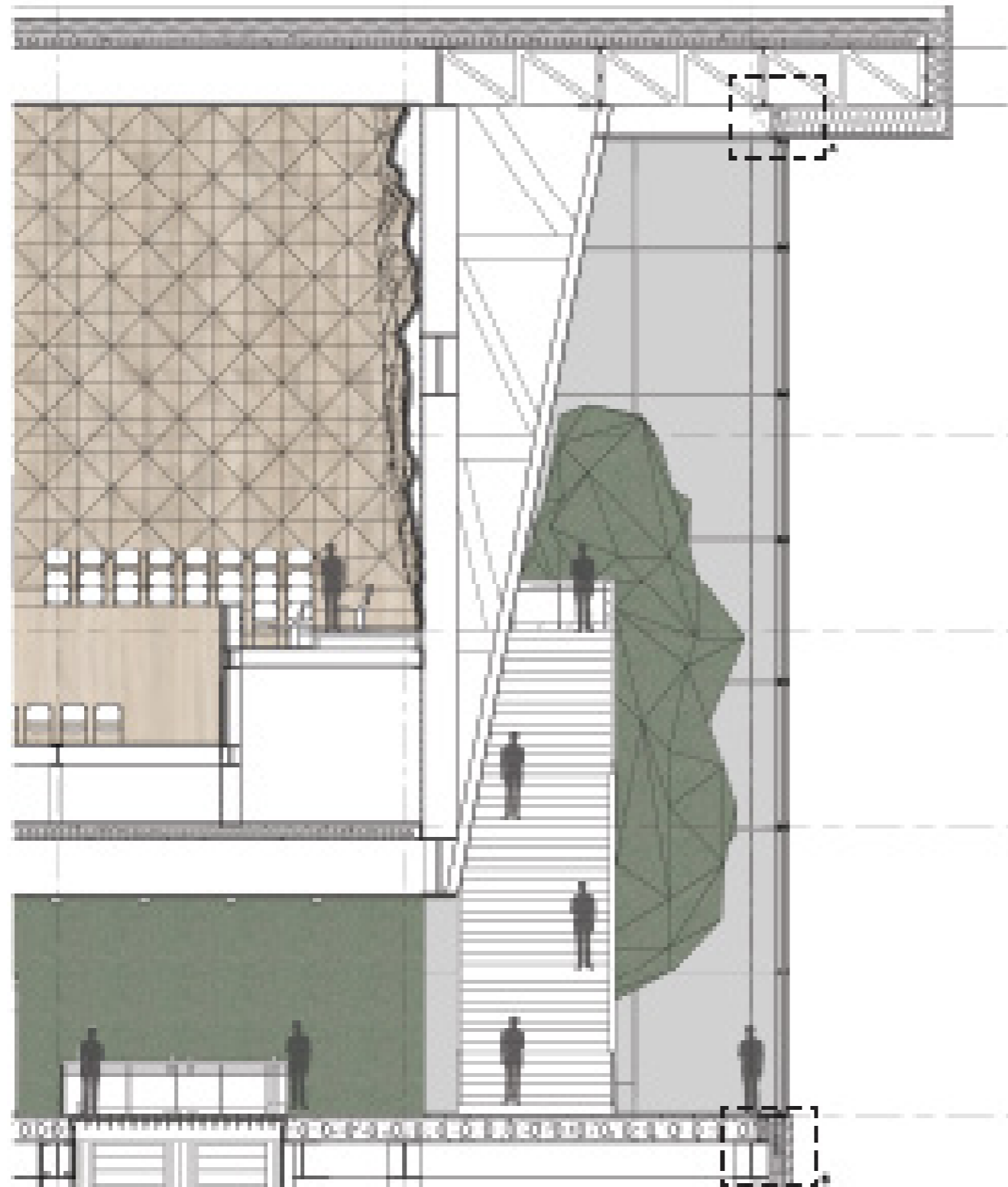


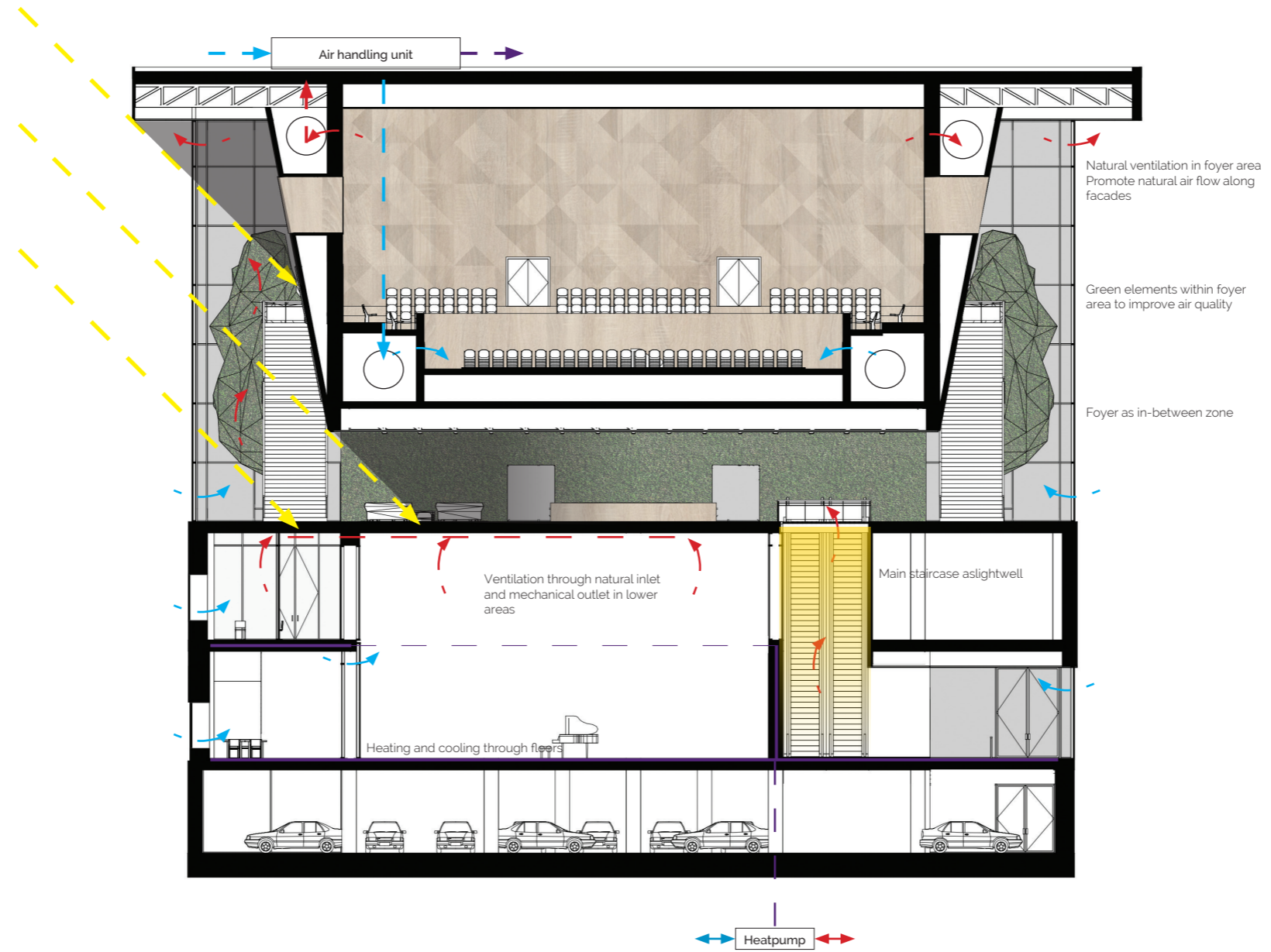


INSTRUMENTATION



Facade detail





CLIMATE DESIGN PRINCIPLES

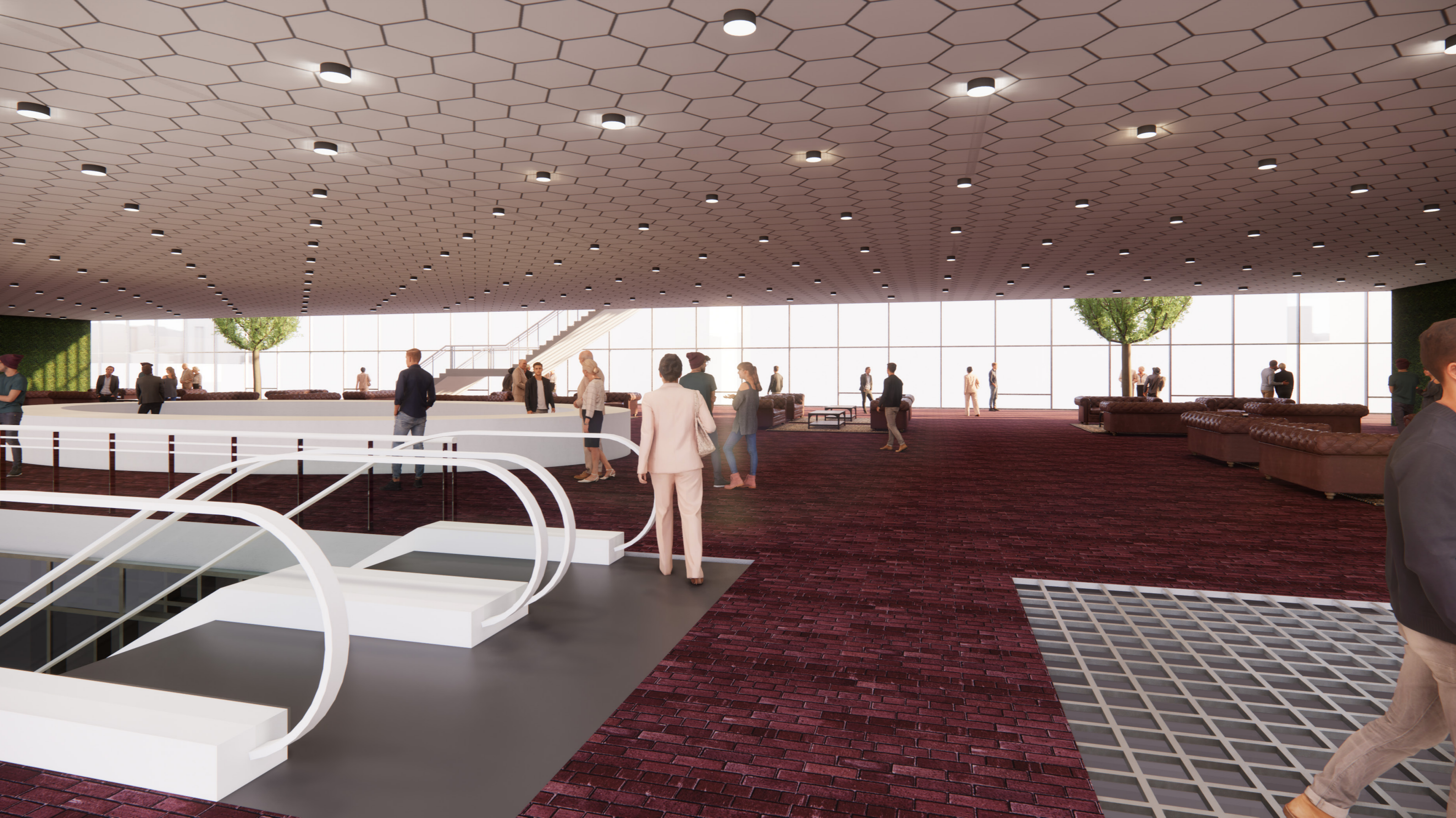


PERFORMANCE











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