

De Doelen

Promenade Architecturale as public connecting element.

KAI CHUNG IP

ENGBERT VAN DER ZAAG. ELISE VAN DOOREN. JAN VAN DE VOORT. DOMINIC STEAD.



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OVERTURE



PROBLEM

SHRINKING + AGING



PROBLEM

SHRINKING + AGING



PROBLEM

SHRINKING + AGING

Public Relation

PROBLEM

SHRINKING + AGING

CS ROTTERDAM

MUNICIPALITY

DE DOELEN

CODARTS

COOLSINGEL

KORTE LIJNBAAN

KRUISPLEIN

SCHOUWBURGPLEIN

SITUATION

DE DOELEN 2020’



SITUATION

DE DOELEN 1970‘

SITUATION

DE DOELEN 2020’



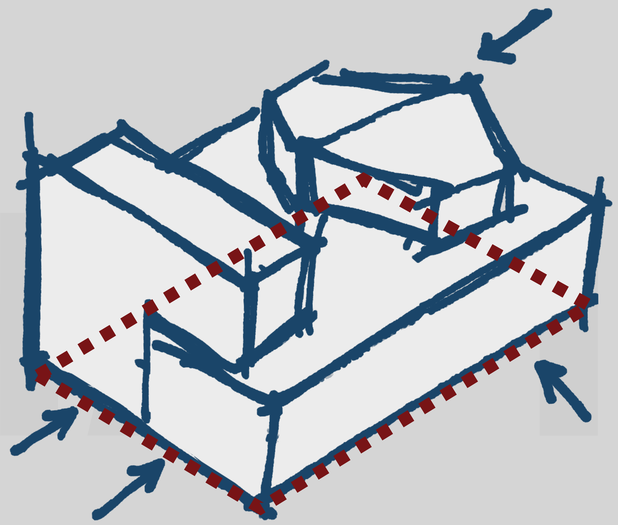
SITUATION

DE DOELEN 2020’

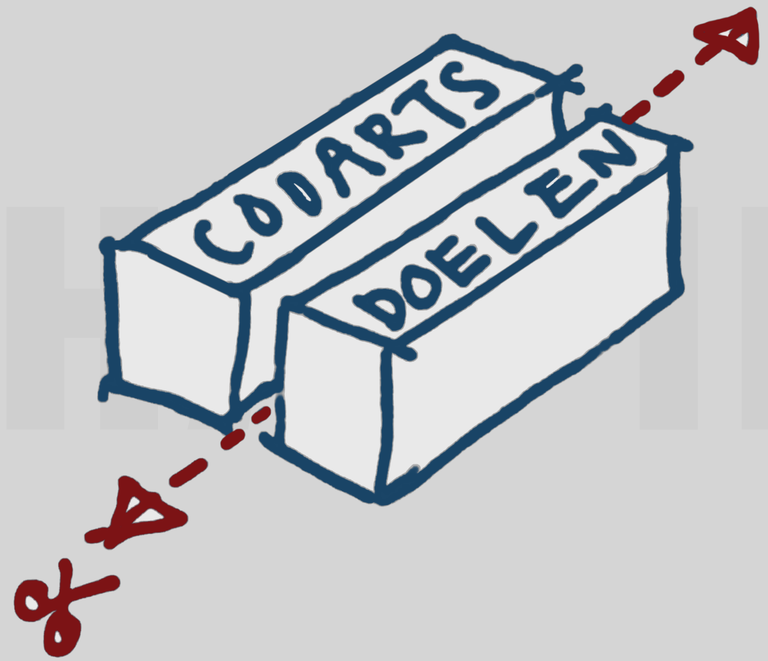
WHAT IF ?

CONCEPT

WHAT IF ?



Obstacle



Public strip

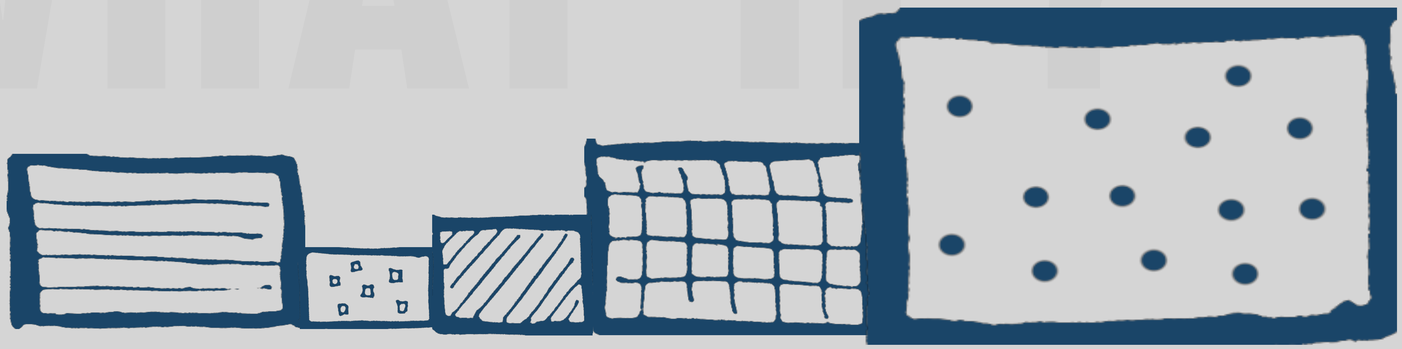




CONCEPT

WHAT IF ?

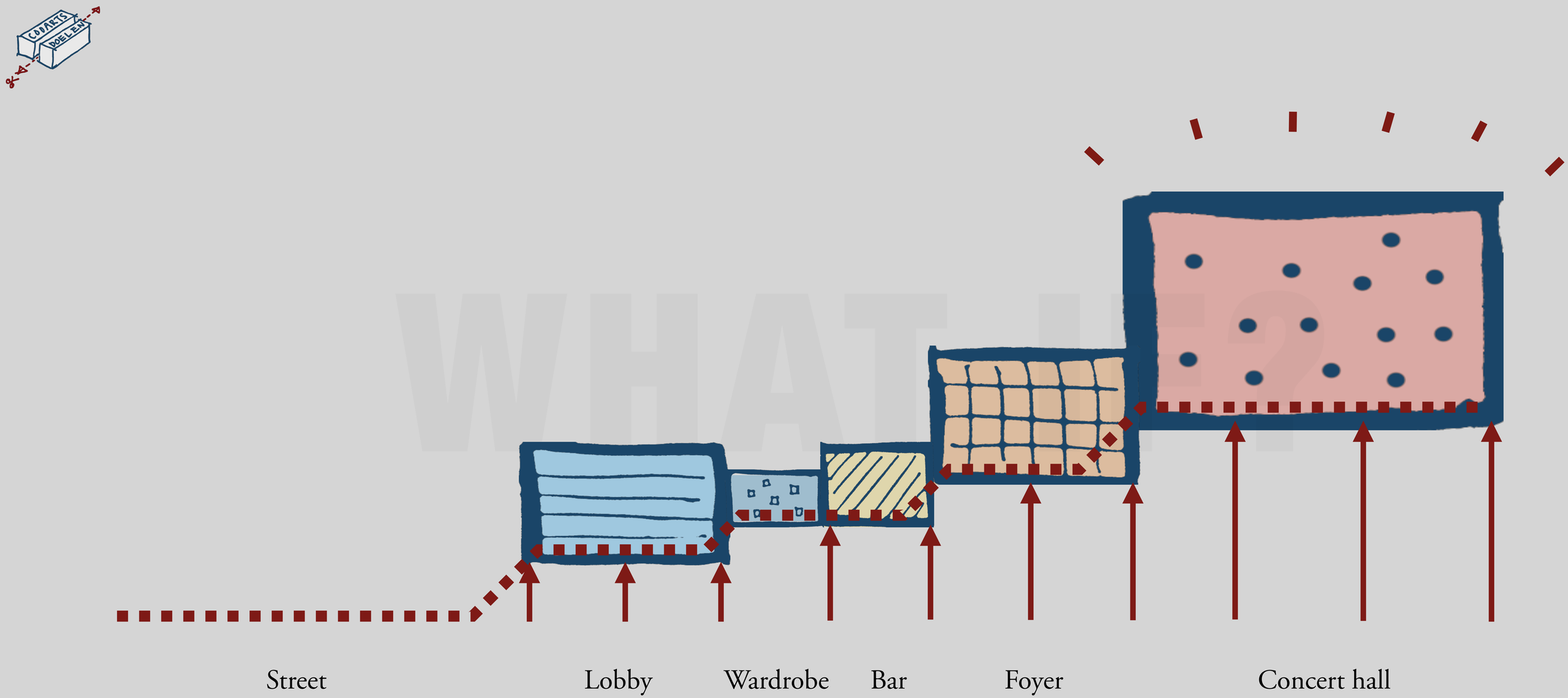




Street Lobby Wardrobe Bar Foyer Concert hall

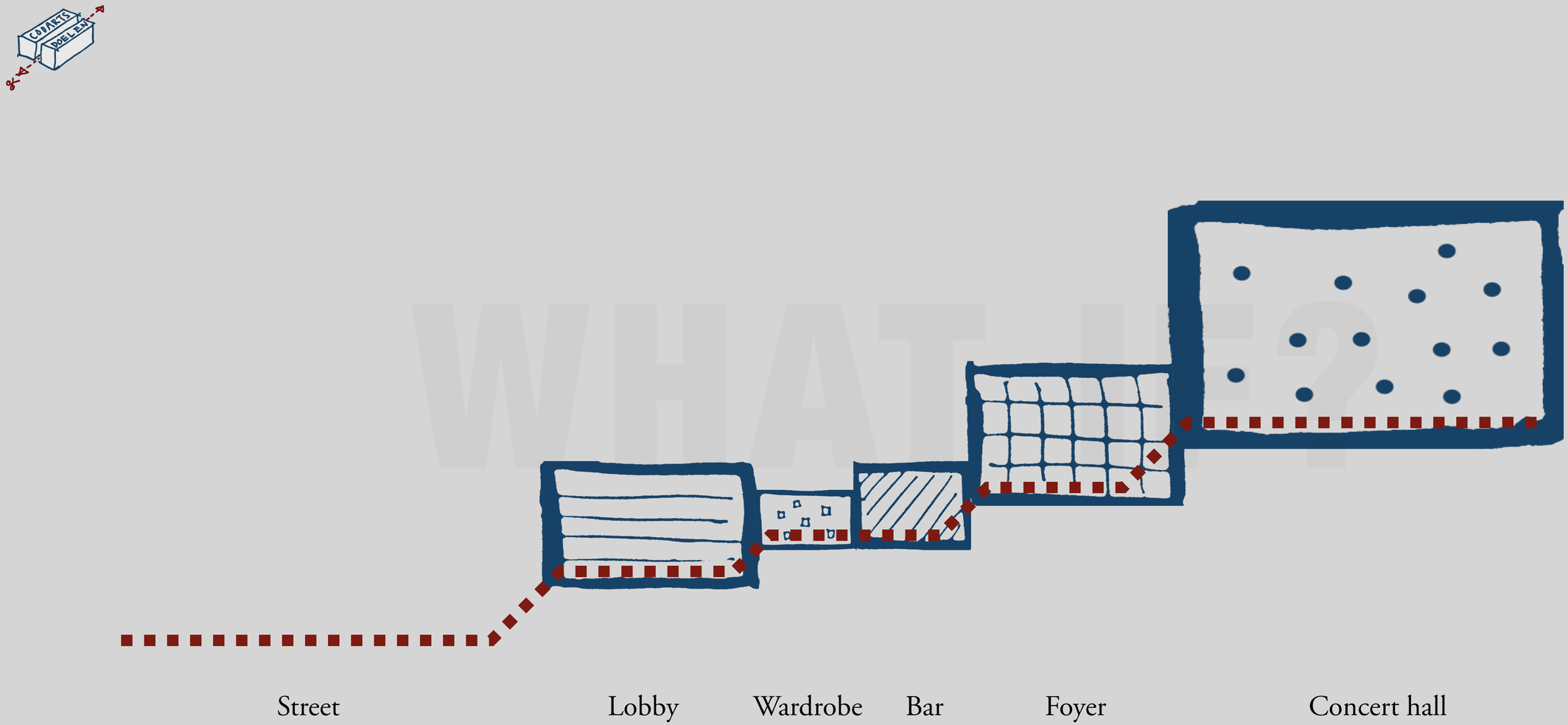
CONCEPT

WHAT IF ?



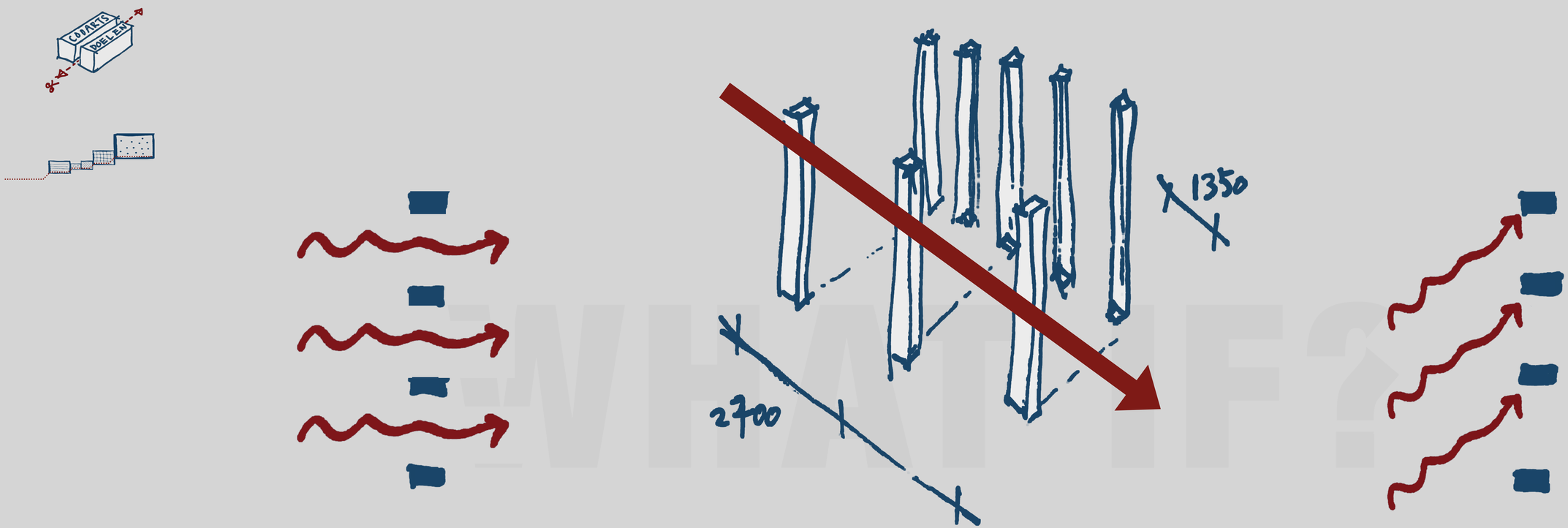
CONCEPT

WHAT IF ?

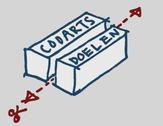


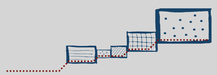
CONCEPT

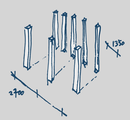
WHAT IF ?



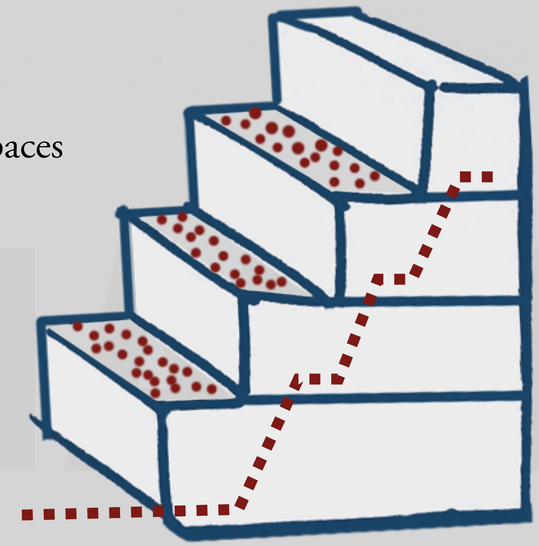
Colonnade





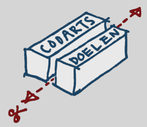


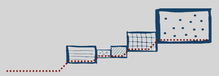
Outside spaces

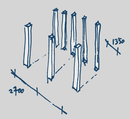


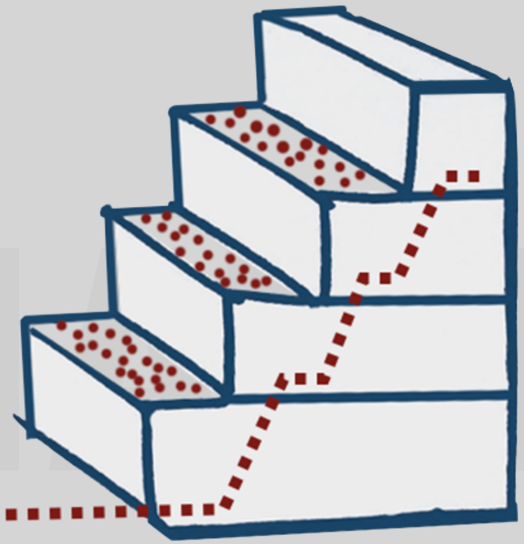
Stacking / Cascading

CONCEPT
PROMENADE



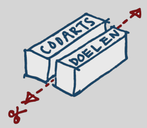


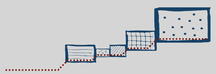


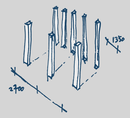


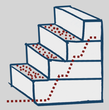
Stacking / Cascading

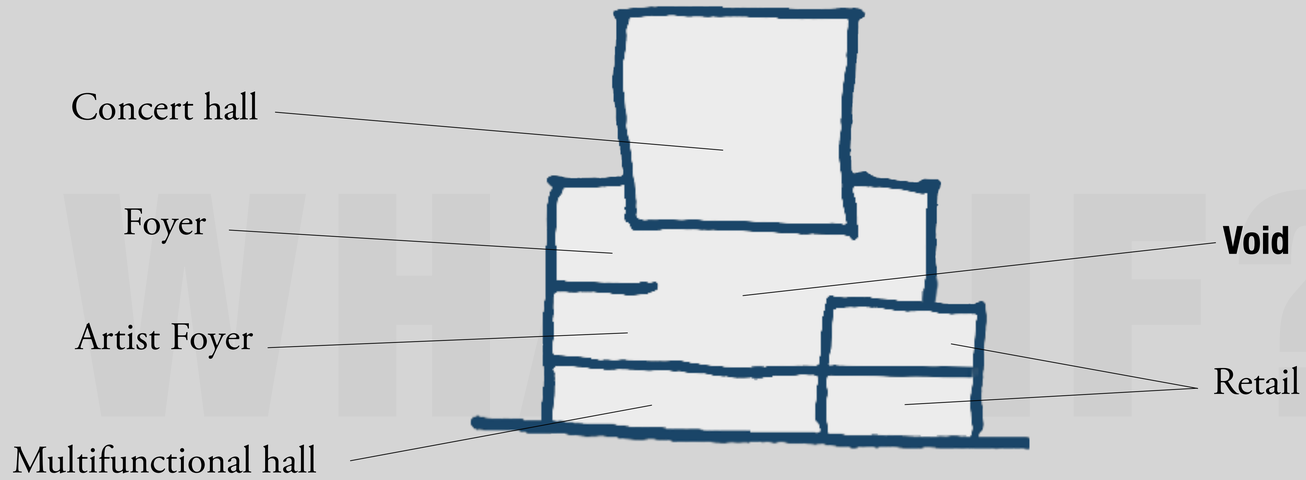
CONCEPT
PROMENADE





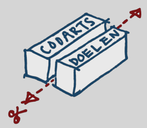


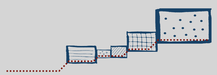


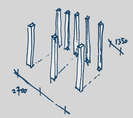


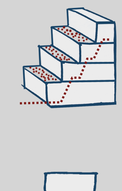
Stacking / Cascading

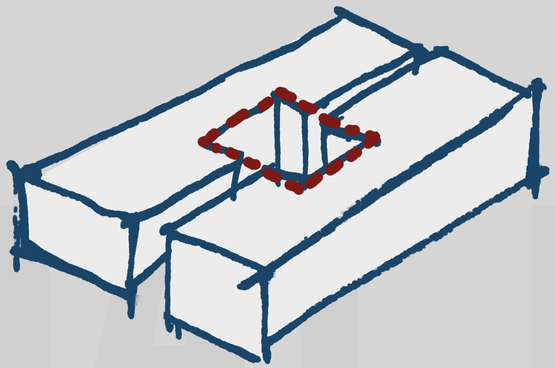
CONCEPT
PROMENADE





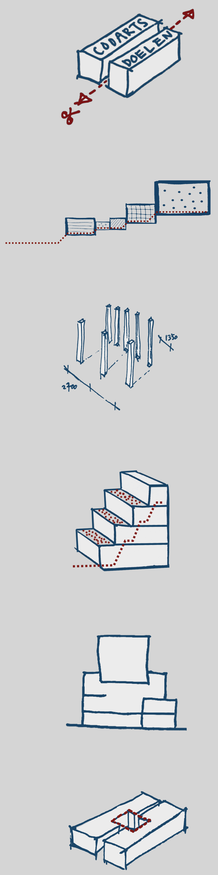


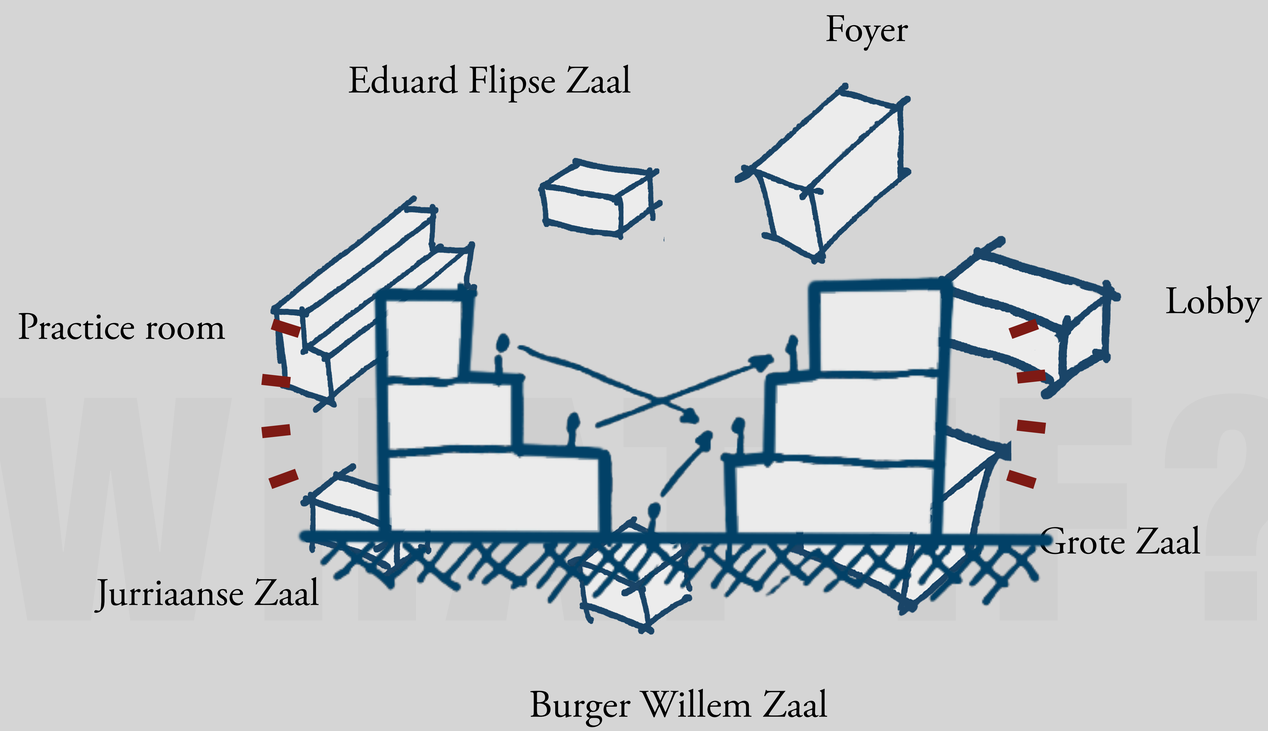




Central square

CONCEPT
PROMENADE

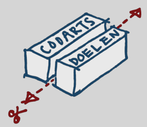


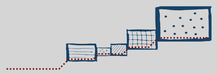


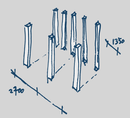
Enclosing Central square

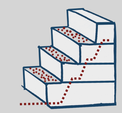
Central Music Oasis

CONCEPT
PROMENADE

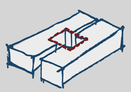






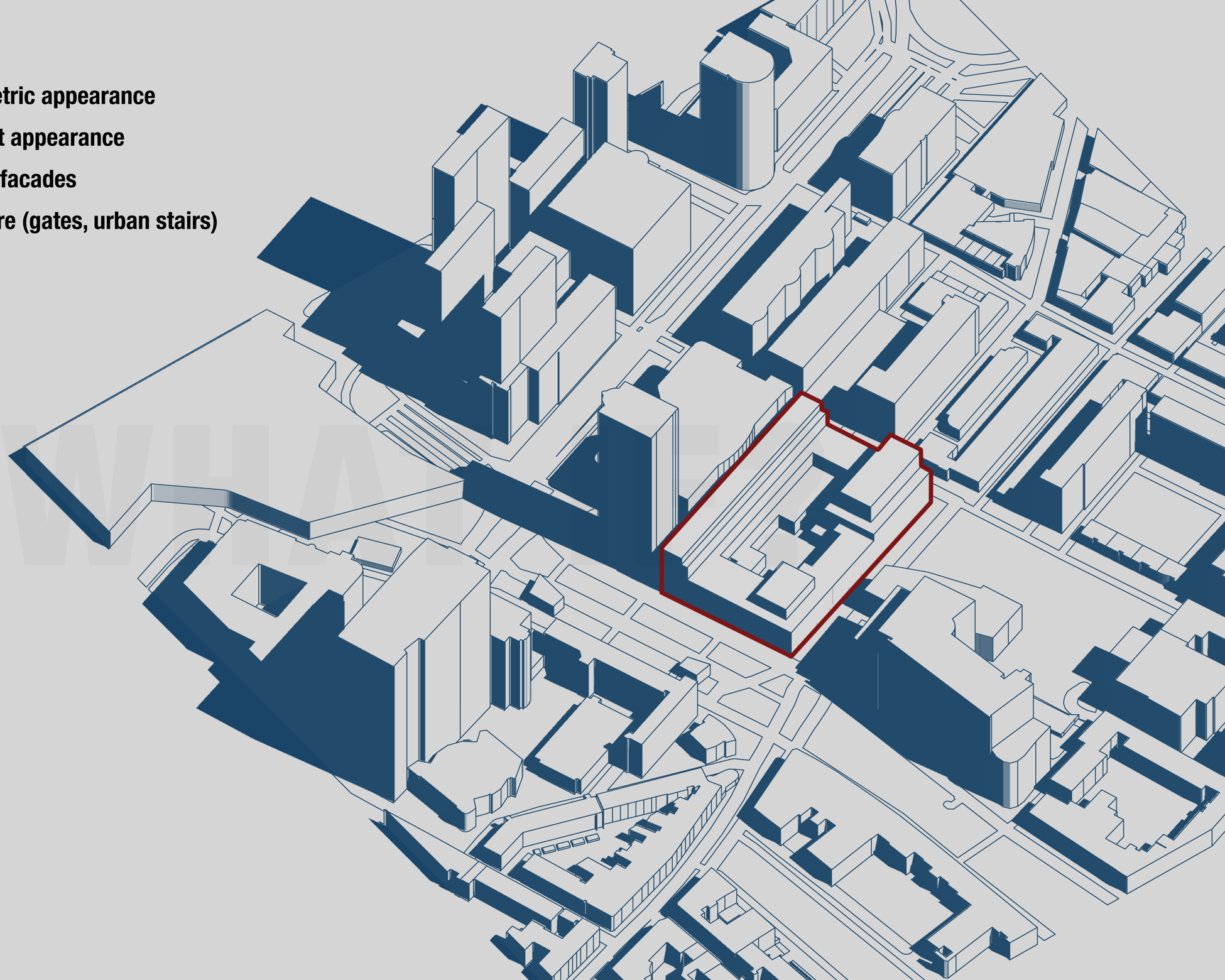








1. Strict geometric appearance
2. Chic, elegant appearance
3. Transparent facades
4. Urban gesture (gates, urban stairs)



MASTERPLAN

PROMENADE

FUGUE

Light

Warm

Cool

Heavy

MATERIALIZATION

Light

Mirror



Teak wood

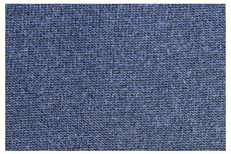
Stucco

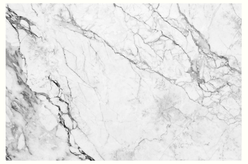


Concrete



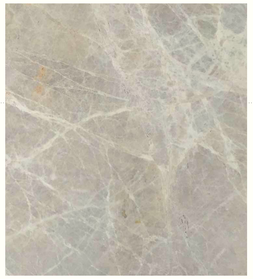
Blue textile



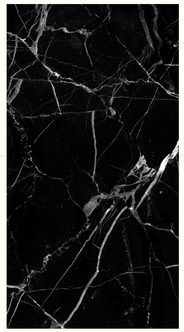


White marble

Warm



Travertine



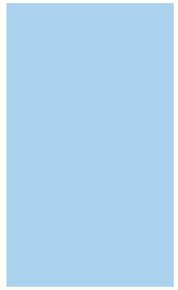
Black marble

Cool



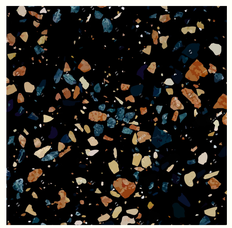
Polished concrete (aggregates)

Blue glass





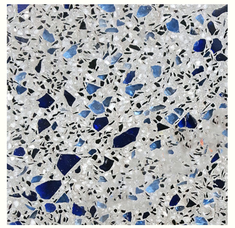
Orange granite



Terrazzo
concrete / aggregate / epoxy



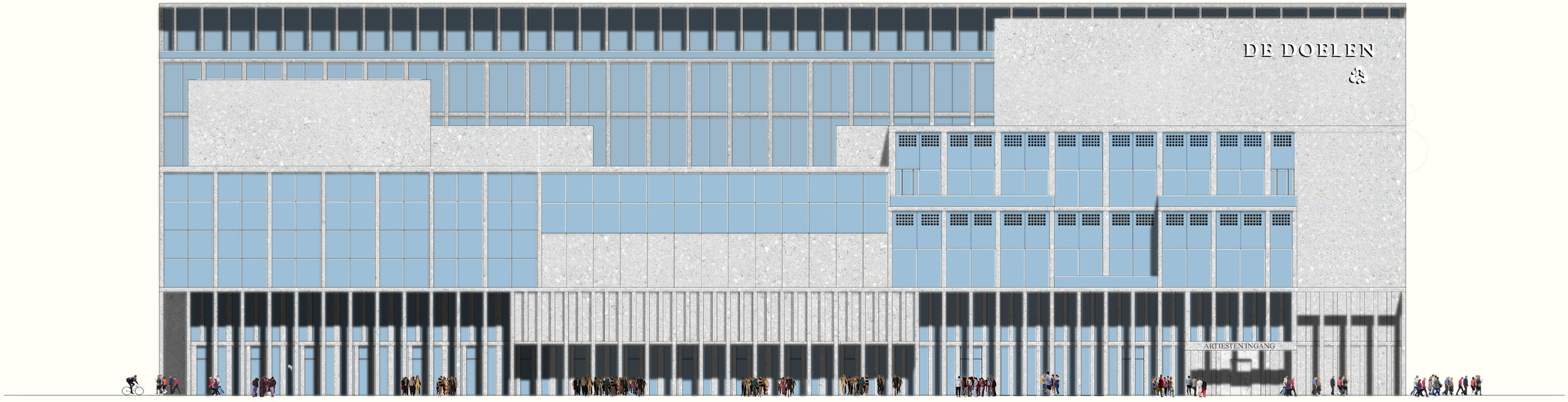
Stone bricks



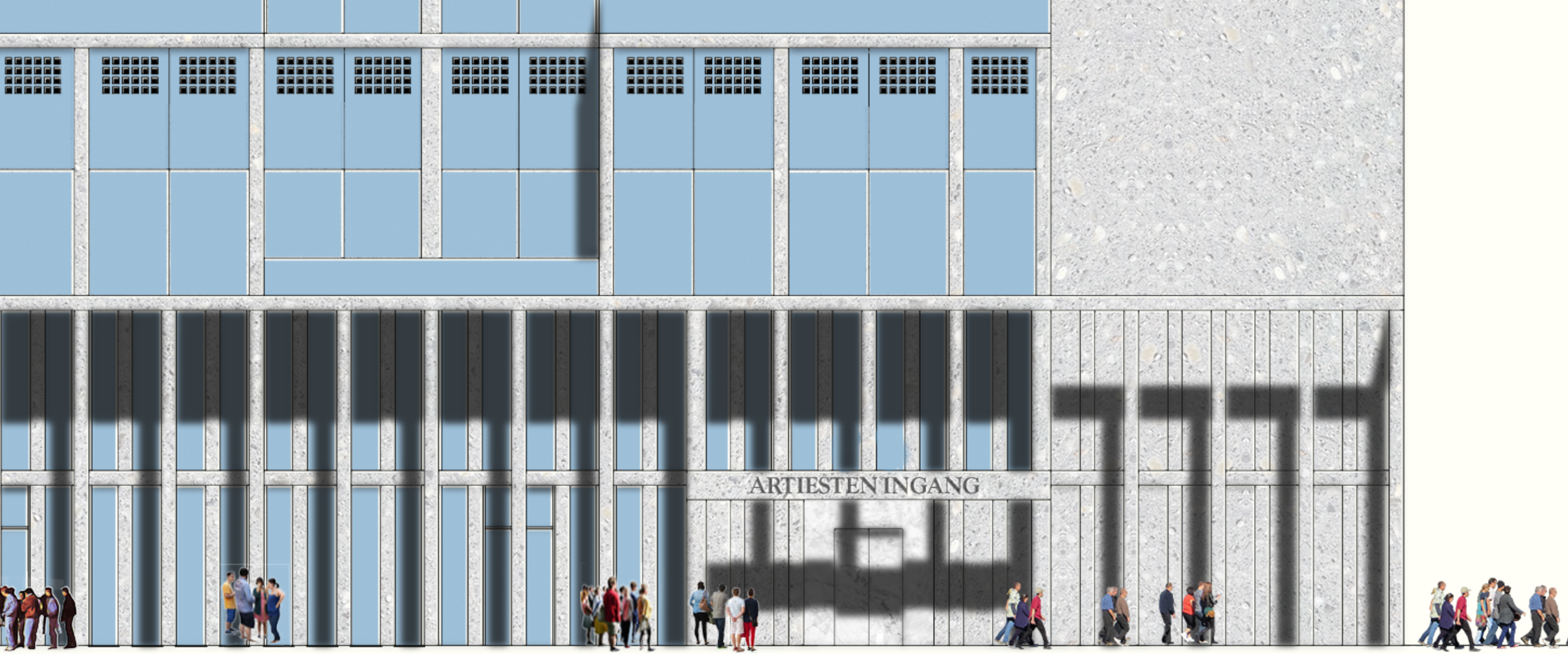
Terrazzo
concrete / aggregate / glass / epoxy

Heavy

MATERIALIZATION



South facade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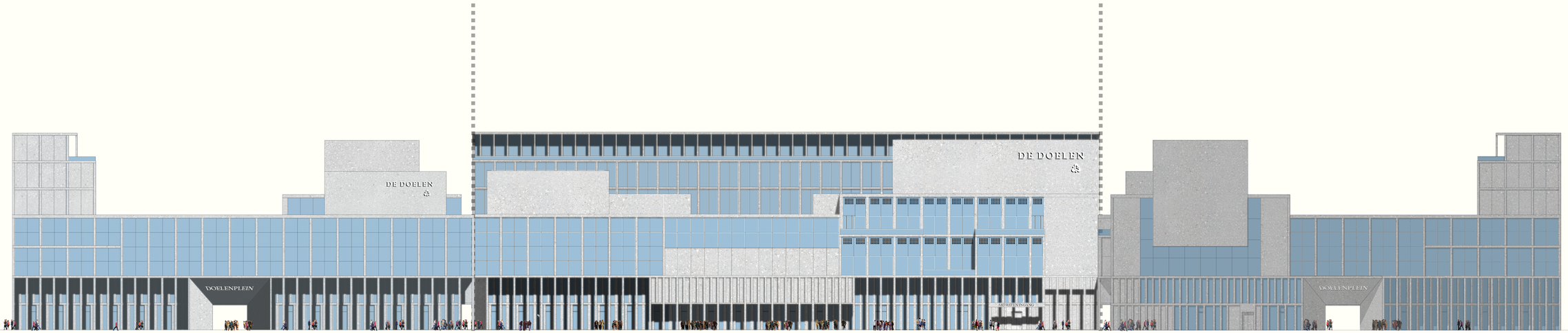


West facade

South facade

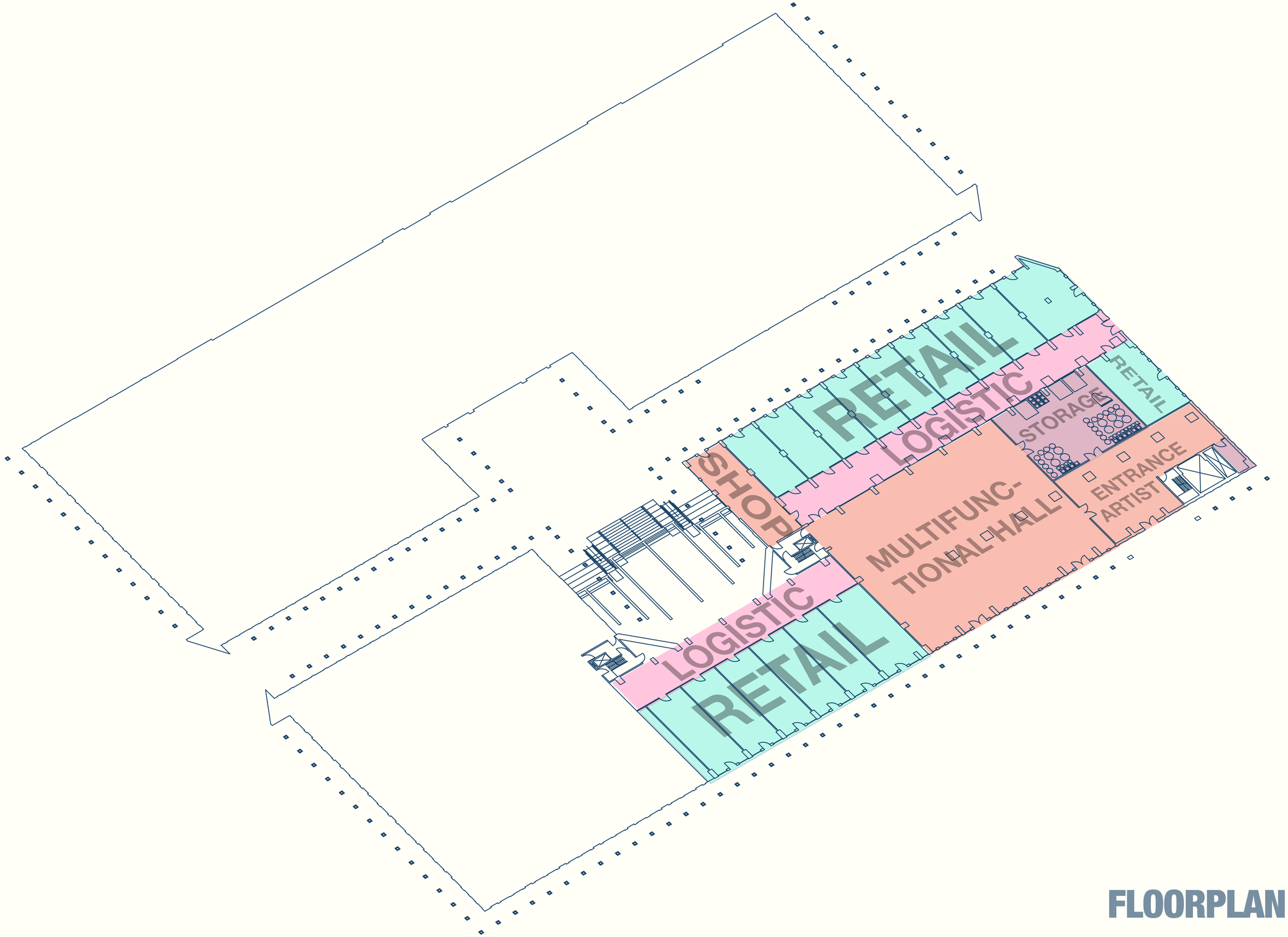
East facade



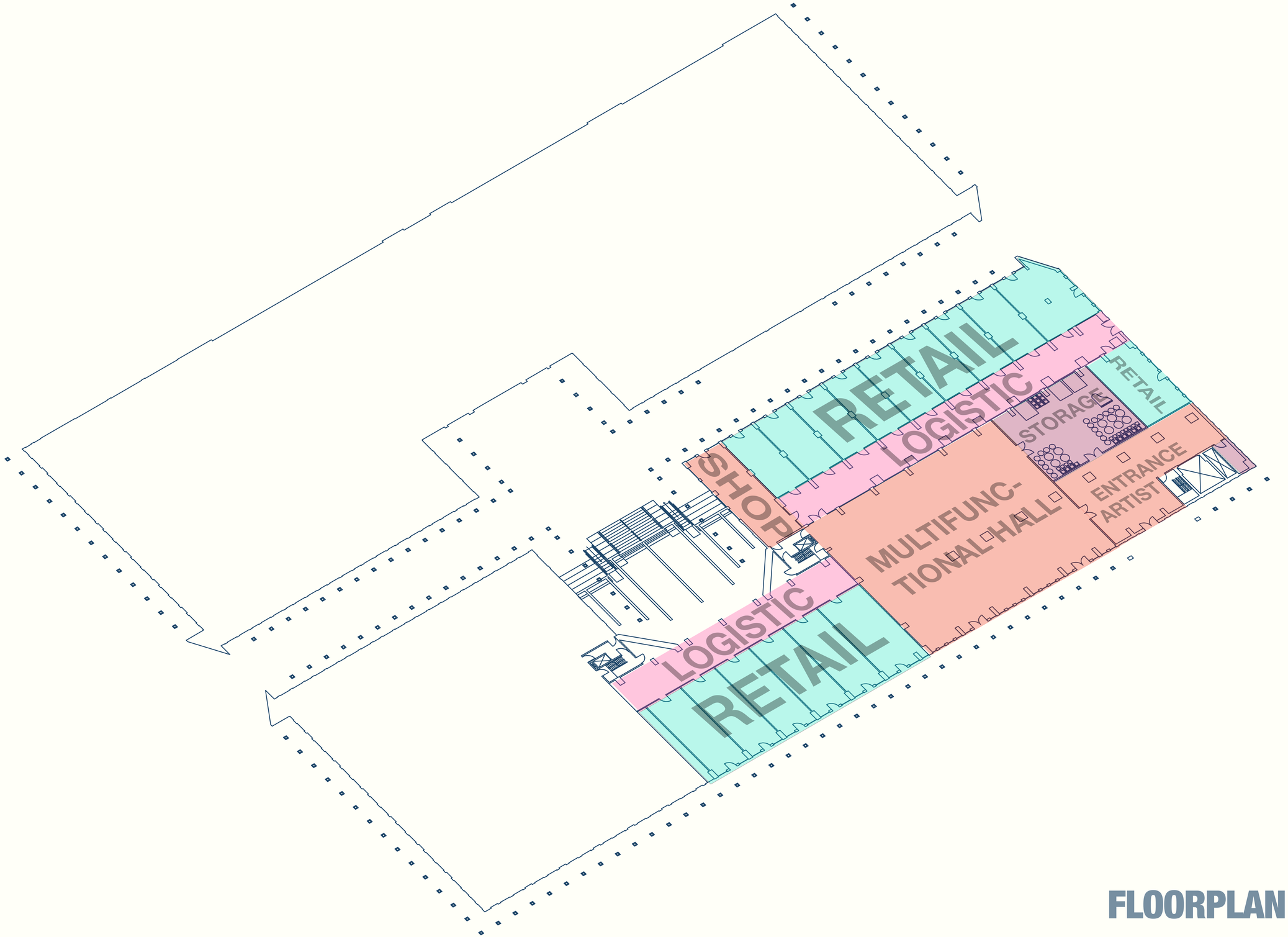
East

West

Inner North facade


RETAIL
LOGISTIC
STORAGE
RETAIL
SHOP
MULTIFUNC-
TIONAL HALL
ENTRANCE
ARTIST
LOGISTIC
RETAIL

FLOORPLAN


RETAIL
LOGISTIC
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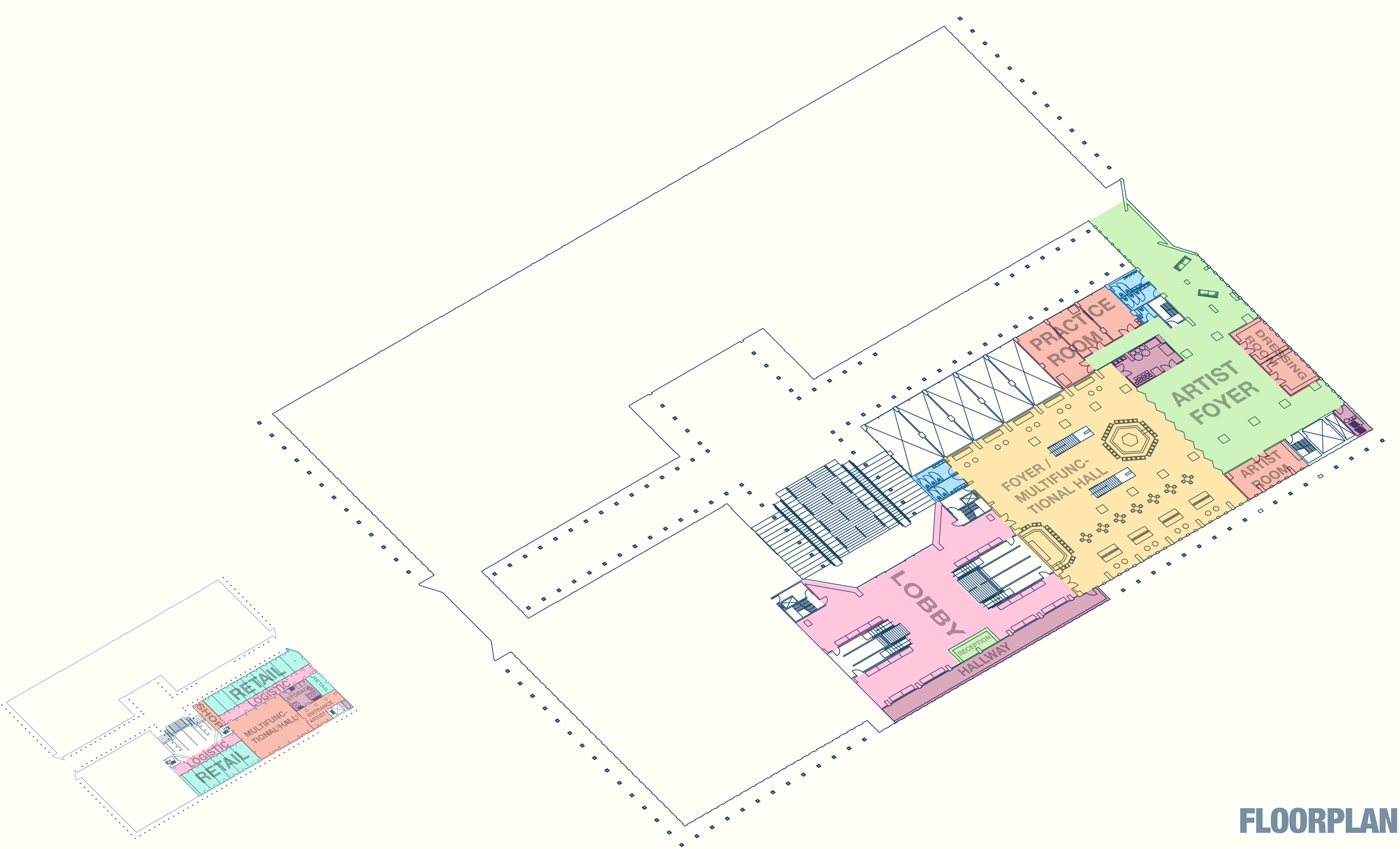
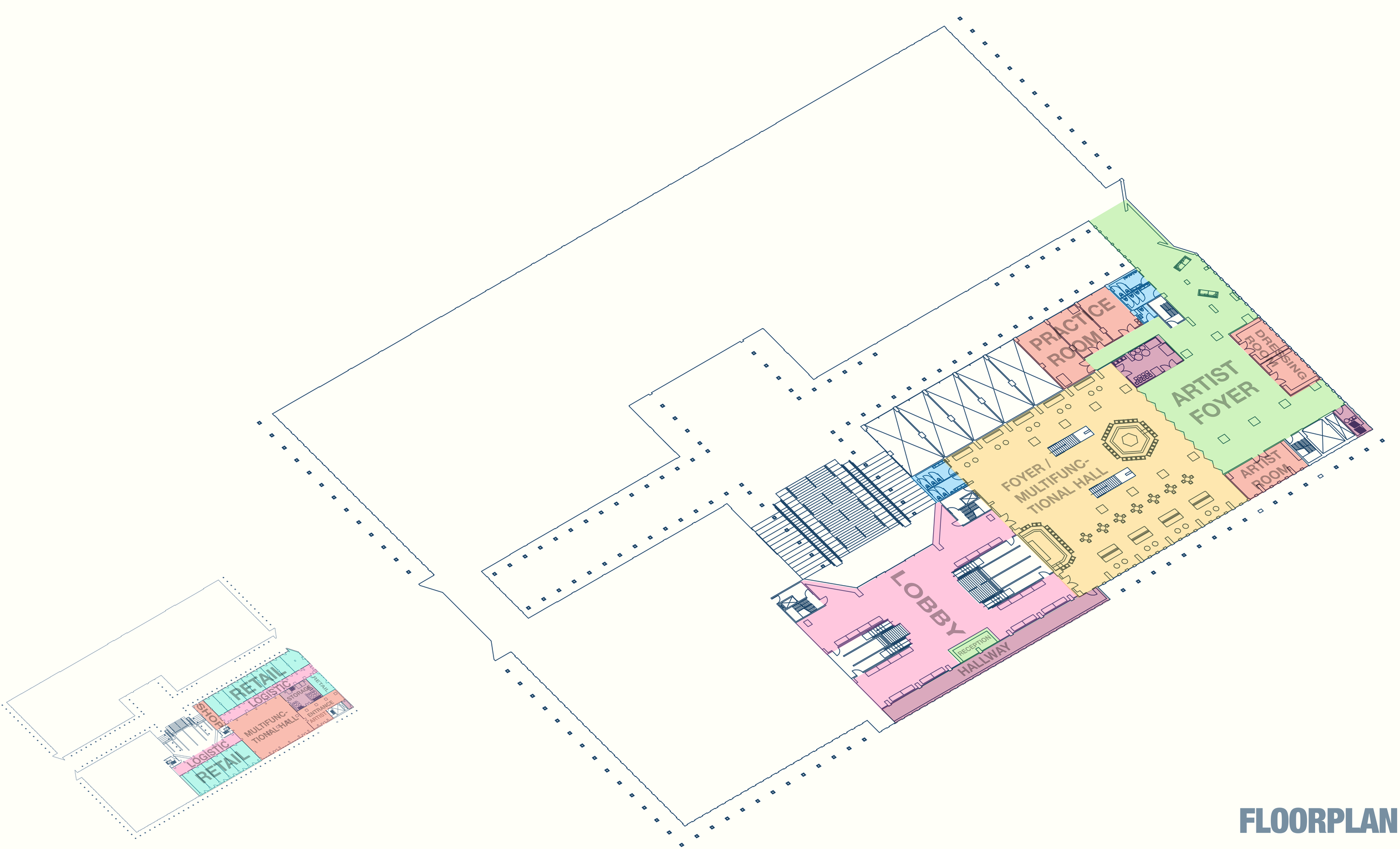
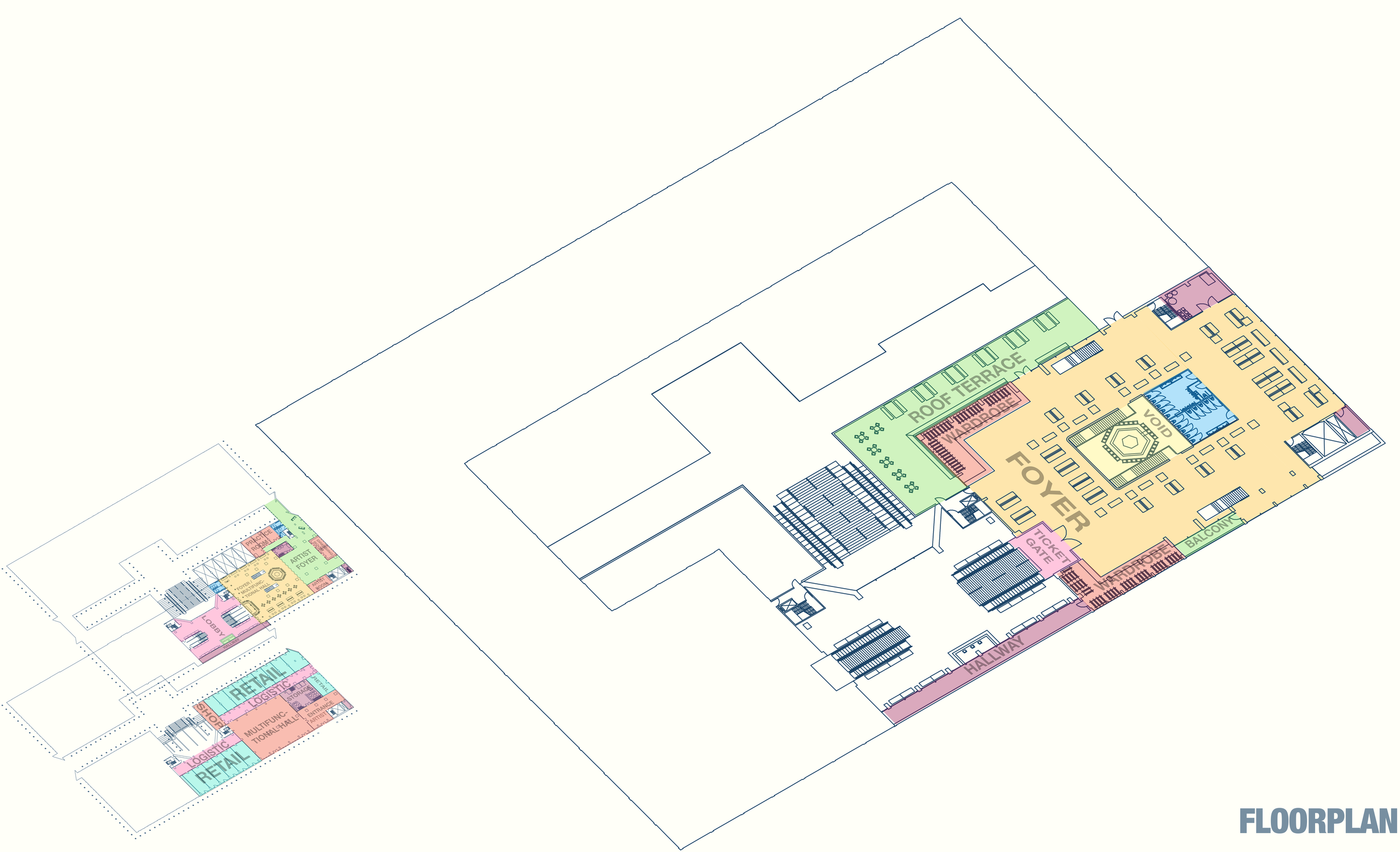
FLOORPLAN


PRACTICE ROOM
DRESSING ROOM
ARTIST FOYER
ARTIST ROOM
FOYER / MULTIFUNC-TIONAL HALL
LOBBY
RECEPTION
HALLWAY
RETAIL
LOGISTIC
SHOP
STORAGE
ENTRANCE ARTIST
MULTIFUNC-TIONAL HALL
LOGISTIC
RETAIL

FLOORPLAN


PRACTICE ROOM
DRESSING ROOM
ARTIST FOYER
FOYER / MULTIFUNC-TIONAL HALL
ARTIST ROOM
LOBBY
RECEPTION
HALLWAY
RETAIL
LOGISTIC
STORAGE
RETAIL
SHOP
MULTIFUNC-TIONAL HALL
ENTRANCE ARTIST
LOGISTIC
RETAIL

FLOORPLAN


ROOF TERRACE
WARDROBE
VOID
FOYER
TICKET GATE
WARDROBE
BALCONY
HALLWAY
PRACTICE ROOM
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FOYER
MULTIFUNC-TIONAL HALL
ARTIST ROOM
LOBBY
RETAIL
LOGISTIC
STORAGE
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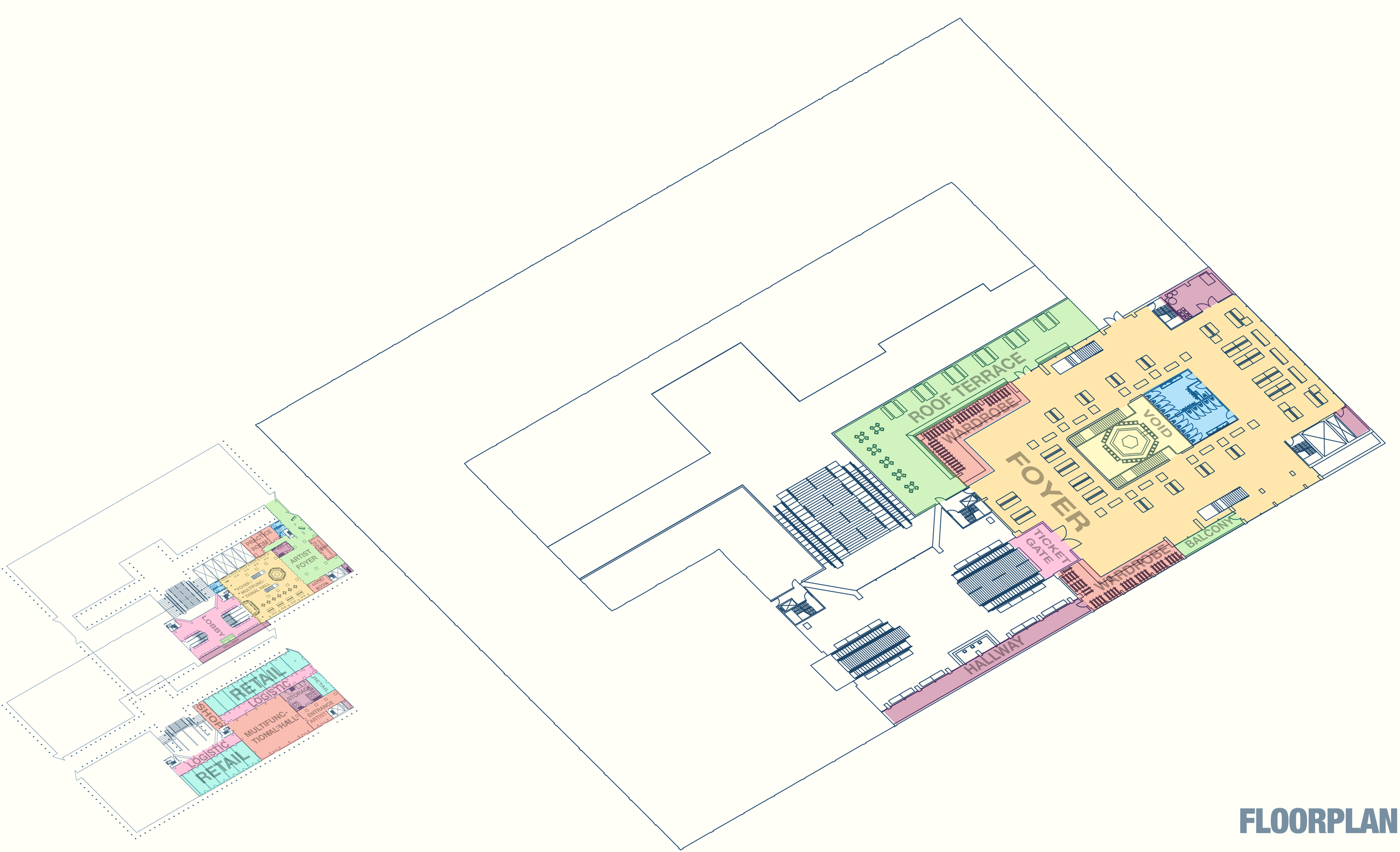
SHOP
MULTIFUNC-TIONAL HALL
ENTRANCE ARTIST
LOGISTIC
RETAIL

FLOORPLAN


ROOF TERRACE
WARDROBE
VOID
FOYER
TICKET GATE
WARDROBE
BALCONY
HALLWAY
PRACTICE ROOM
ARTIST FOYER
ARTIST ROOM
FOYER
MULTIFUNC-TIONAL HALL
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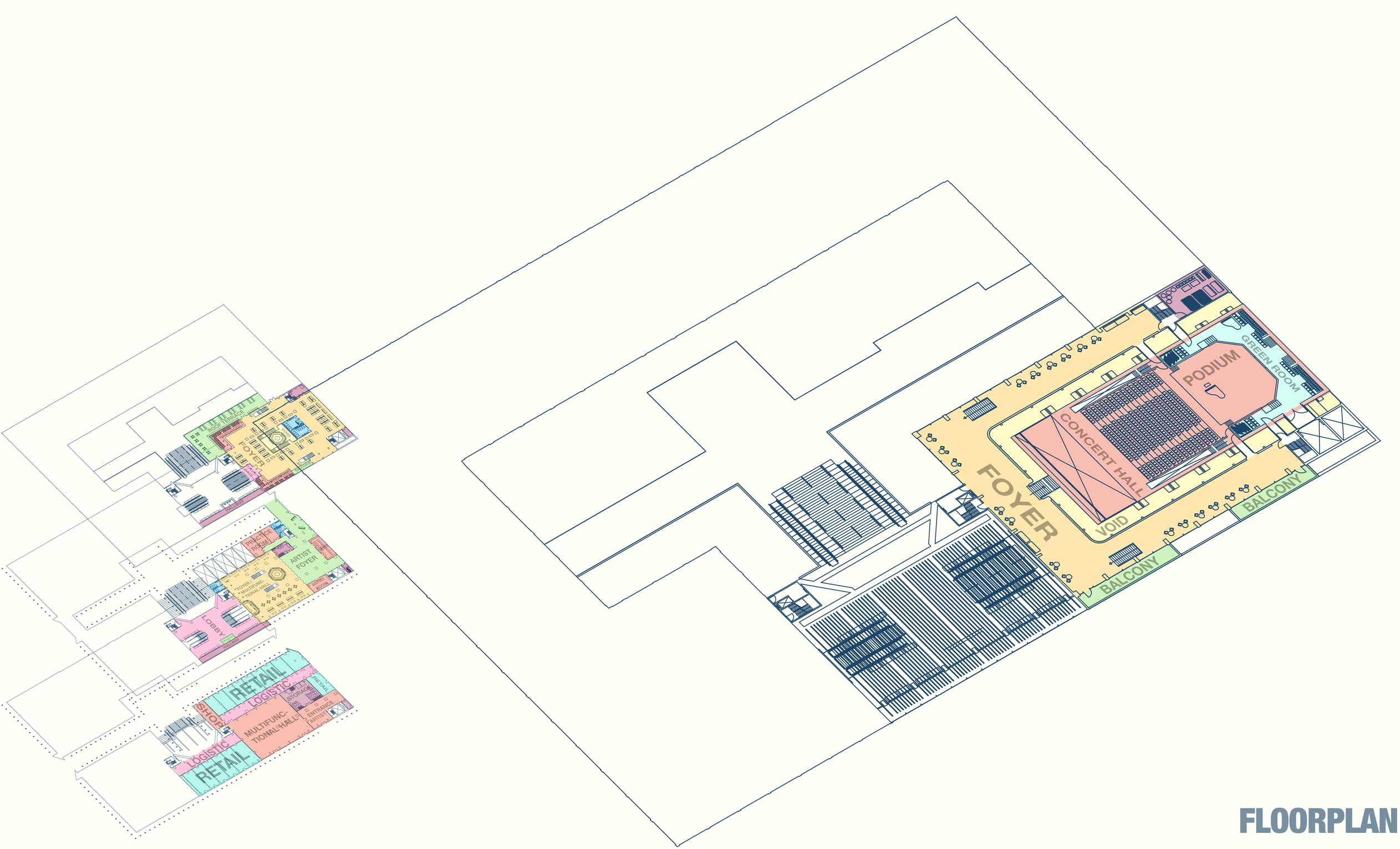
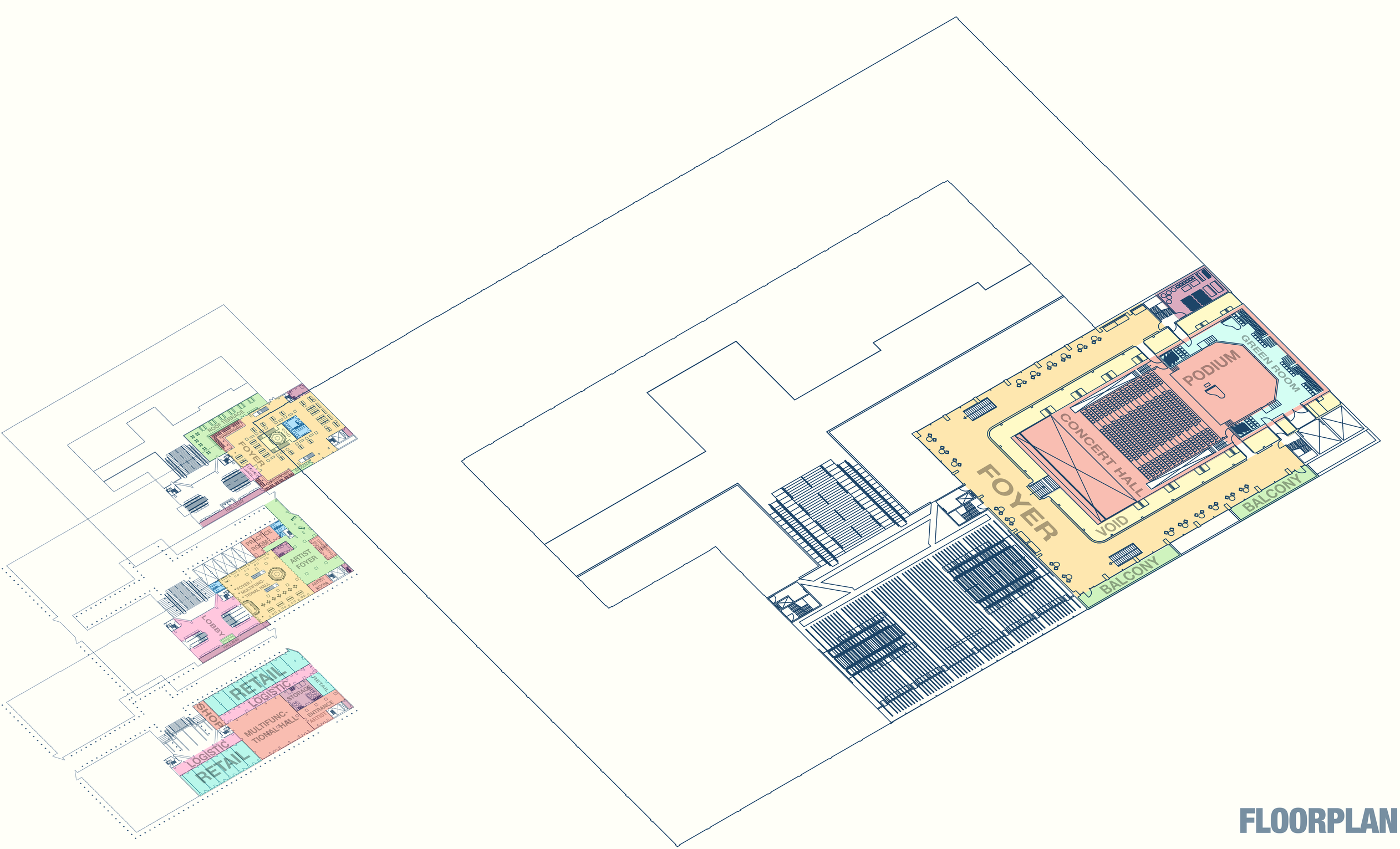
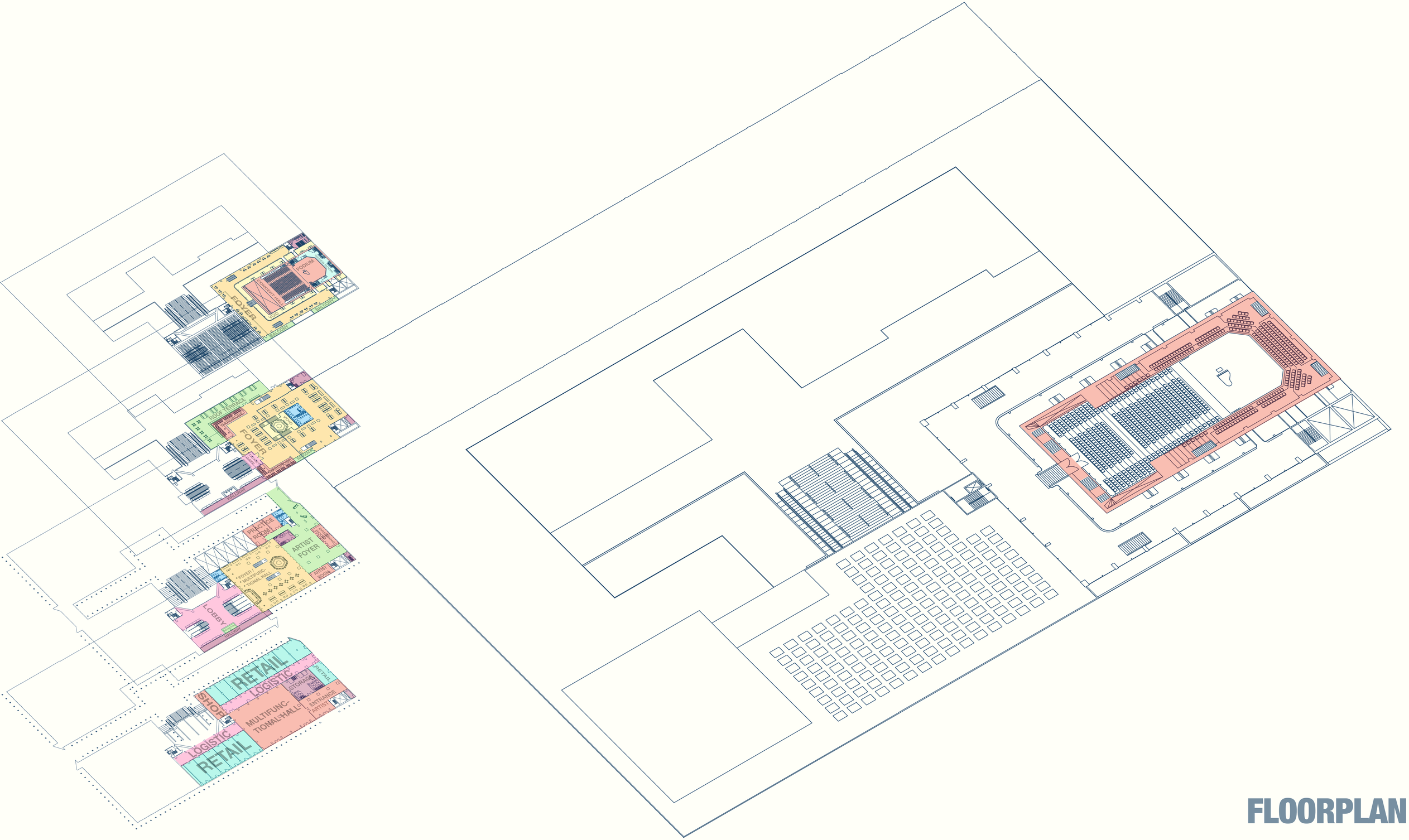
FLOORPLAN


ROOF TERRACE
FOYER
VOID
LOBBY
PRACTICE ROOM
ARTIST FOYER
ARTIST ROOM
FOYER MULTIFUNC-TIONAL HALL
RETAIL
LOGISTIC
STORAGE
RETAIL
SHOP
MULTIFUNC-TIONAL HALL
ENTRANCE ARTIST
LOGISTIC
RETAIL
GREEN ROOM
PODIUM
CONCERT HALL
FOYER
VOID
BALCONY
BALCONY

FLOORPLAN


ROOF TERRACE
FOYER
PRACTICE ROOM
ARTIST FOYER
FOYER / MULTIFUNC-TIONAL HALL
LOBBY
RETAIL
LOGISTIC
SHOP
MULTIFUNC-TIONAL HALL
STORAGE
ENTRANCE ARTIST
RETAIL
LOGISTIC
RETAIL
FOYER
CONCERT HALL
PODIUM
GREEN ROOM
VOID
BALCONY
BALCONY

FLOORPLAN


PODIUM
CONCERT HALL
FOYER
VOID
BALCONY
ROOF TERRACE
FOYER
PRACTICE ROOM
ARTIST FOYER
FOYER / MULTIFUNC-TIONAL HALL
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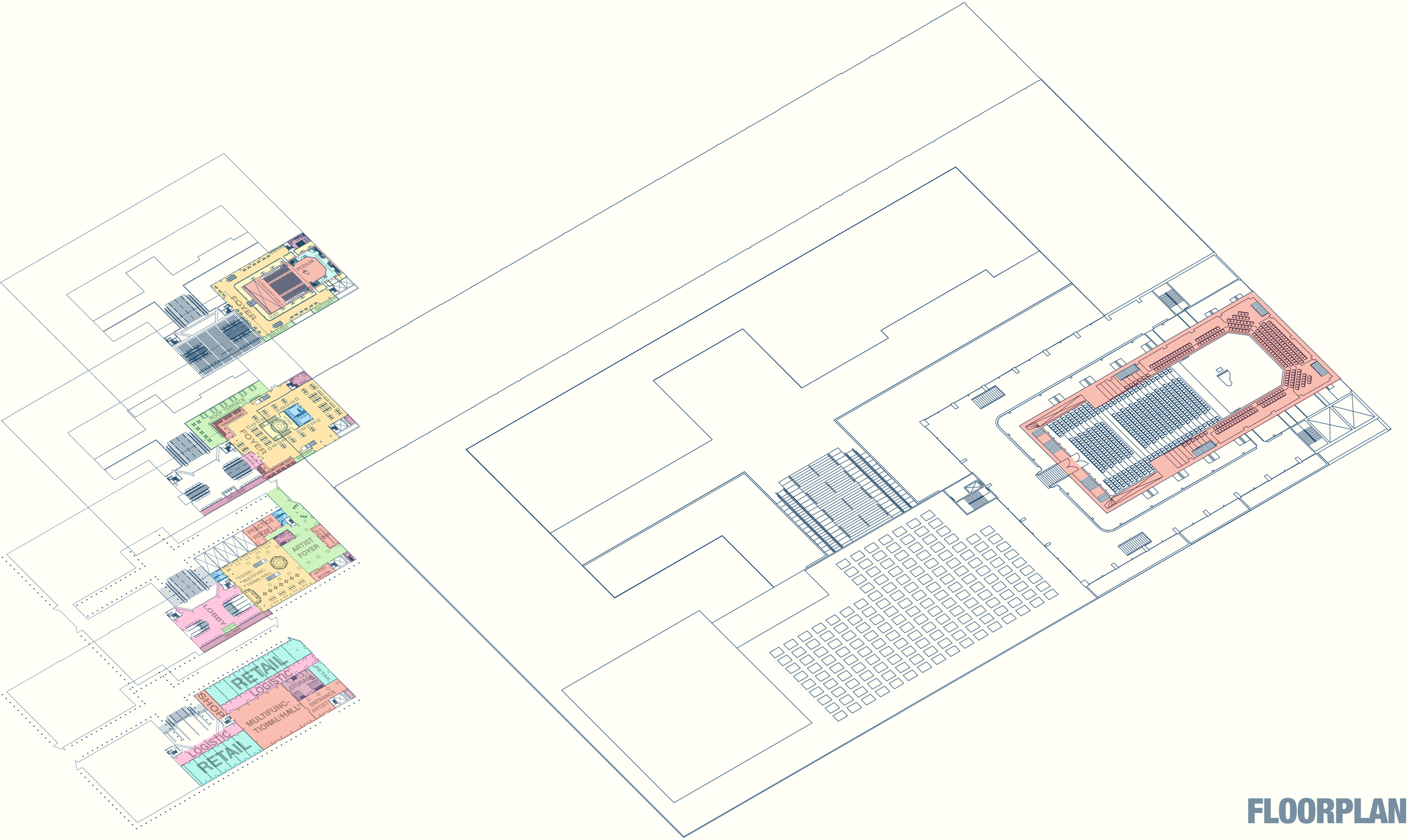
RETAIL

FLOORPLAN


PODIUM
CONCERT HALL
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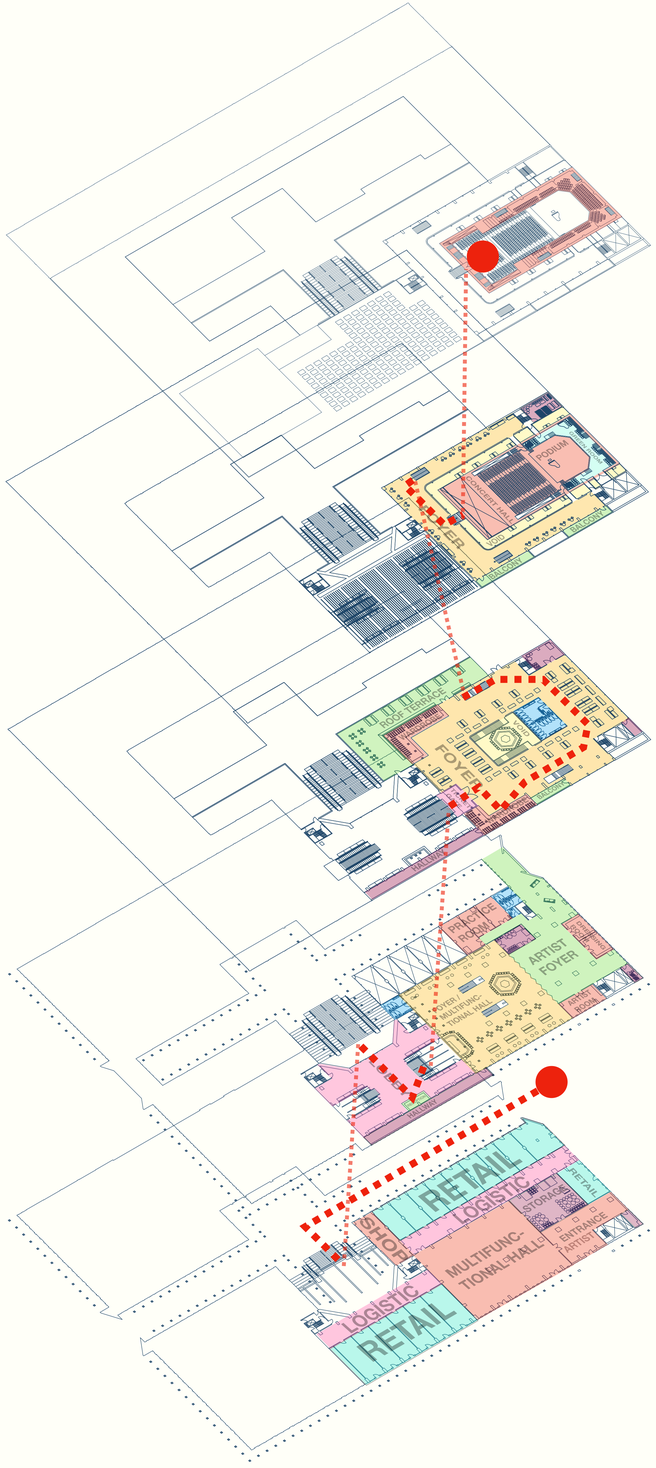
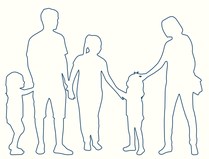
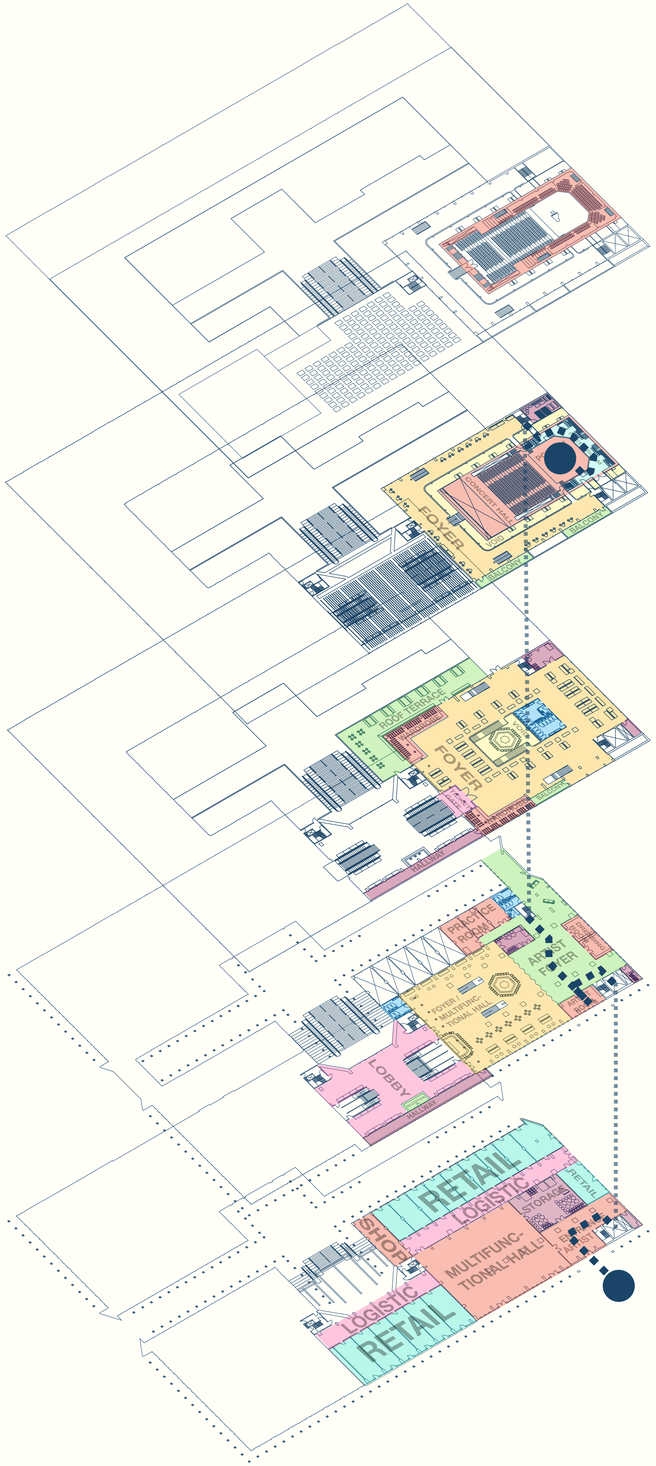
FLOORPLAN



VISITOR

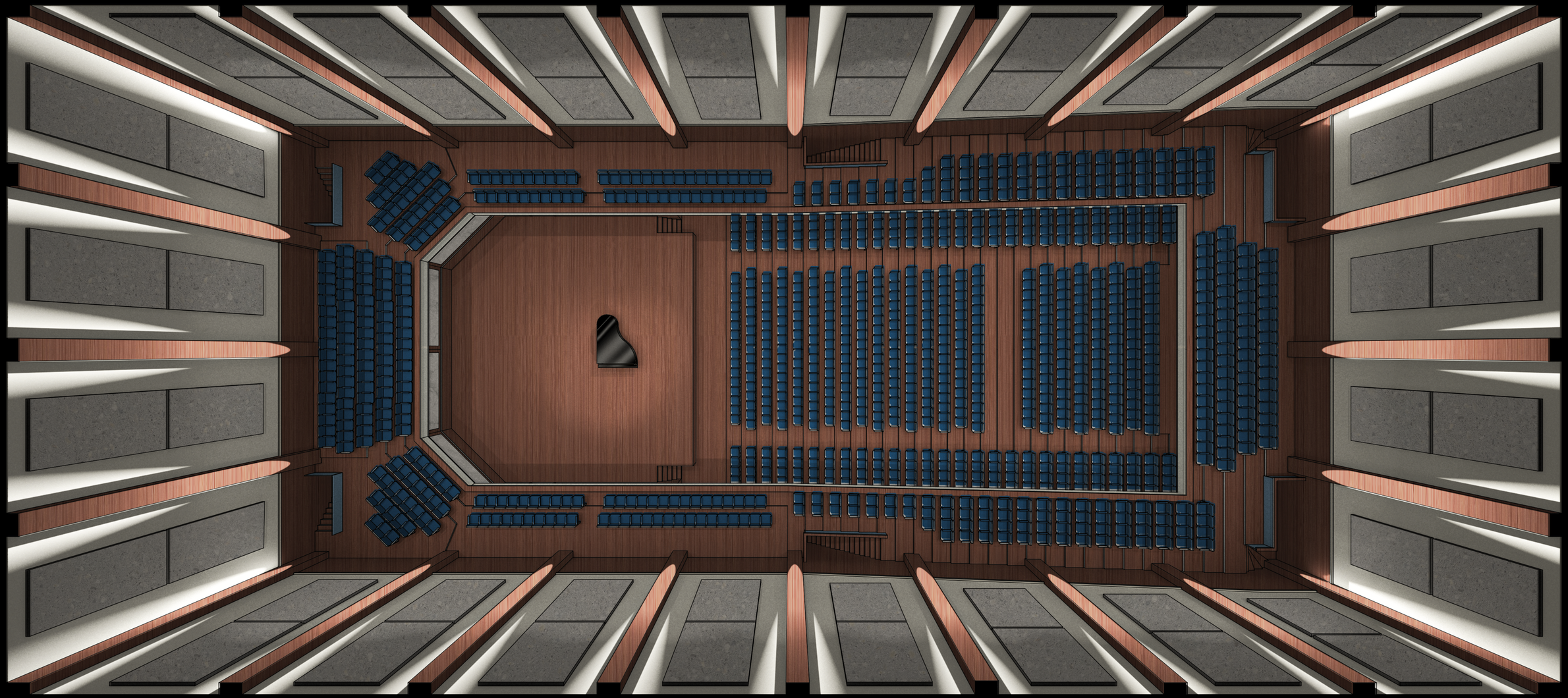


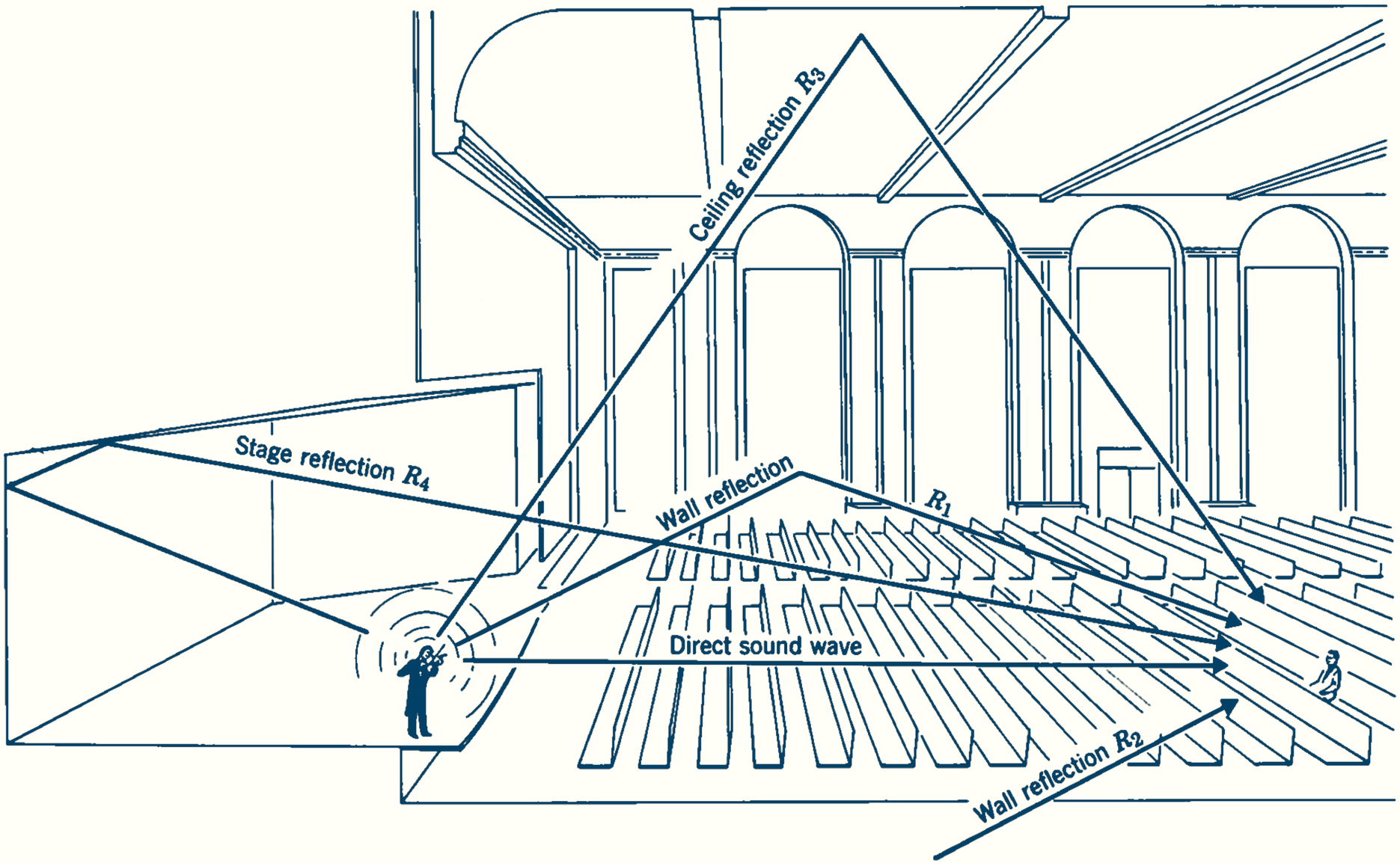


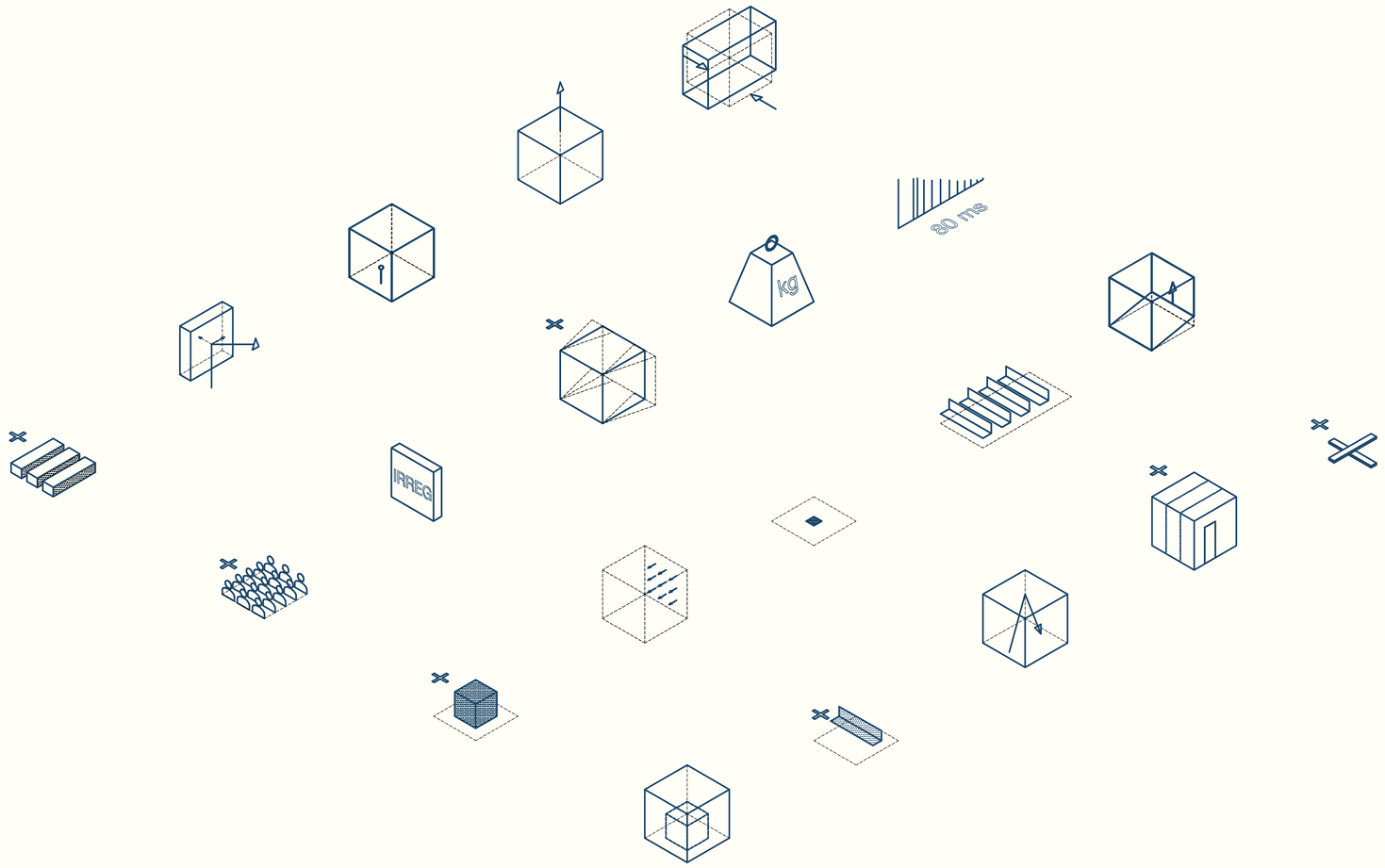
ARTIST



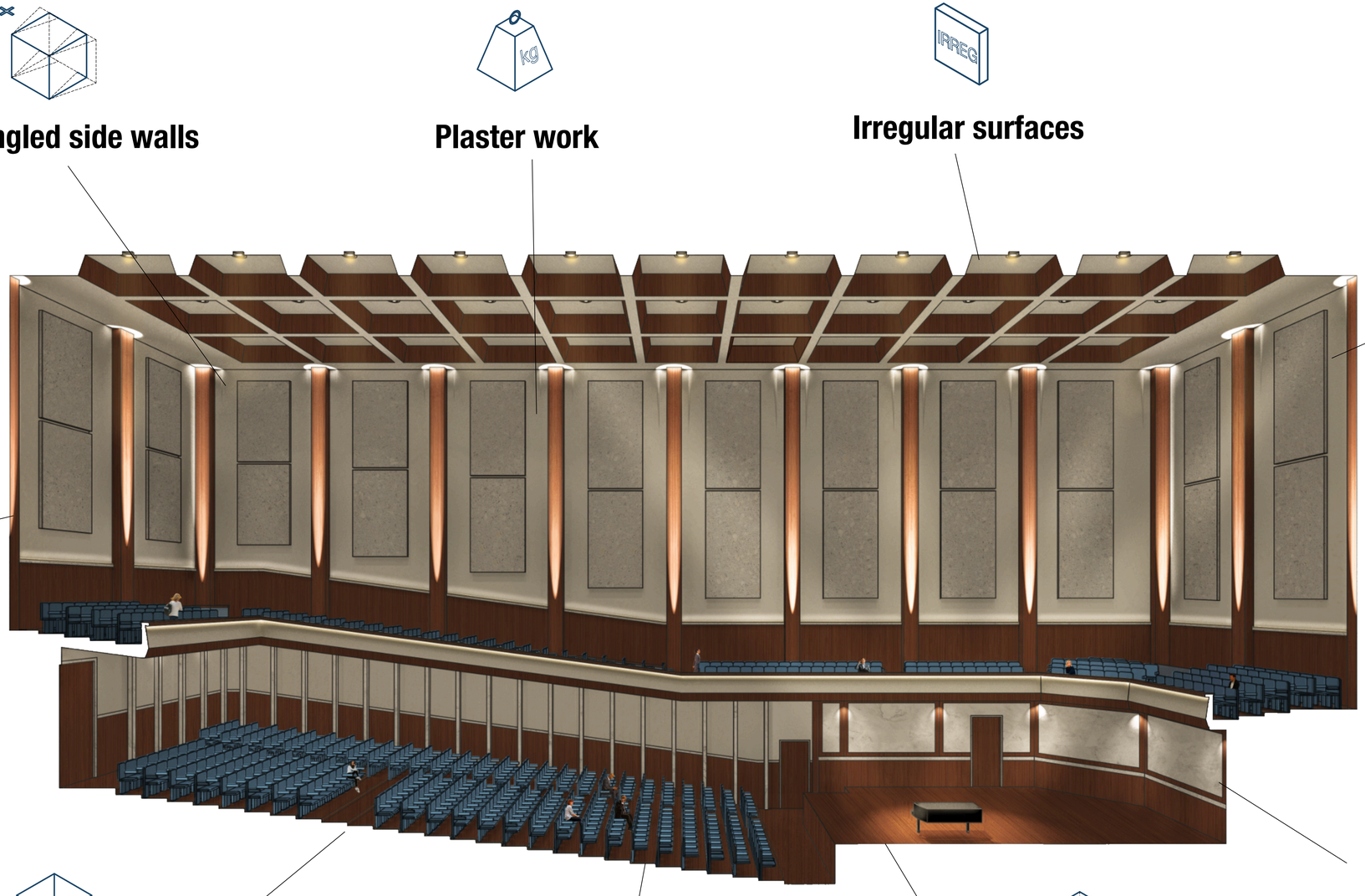
ÉTUDE




Ceiling reflection R_3
Stage reflection R_4
Wall reflection
R_1
Direct sound wave
Wall reflection R_2



ACOUSTIC RESEARCH



No angled side walls

Plaster work

Irregular surfaces

Narrow hall

Reflective rear surface

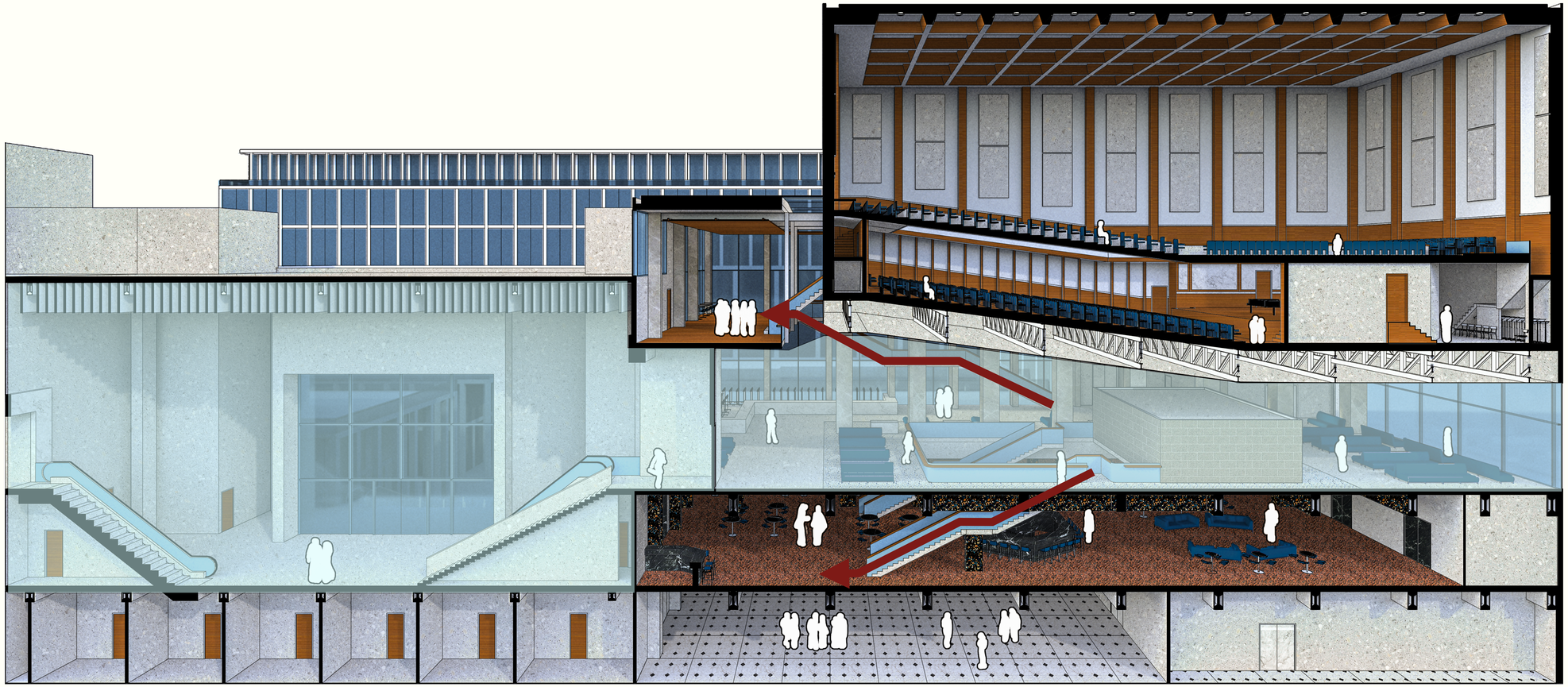
Angled floor

Avoid overly Absorbent materials

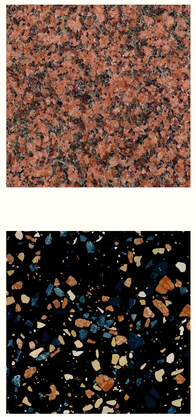
Wooden podium

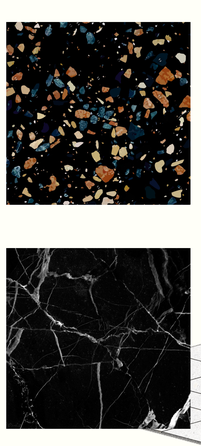
Reflective surfaces

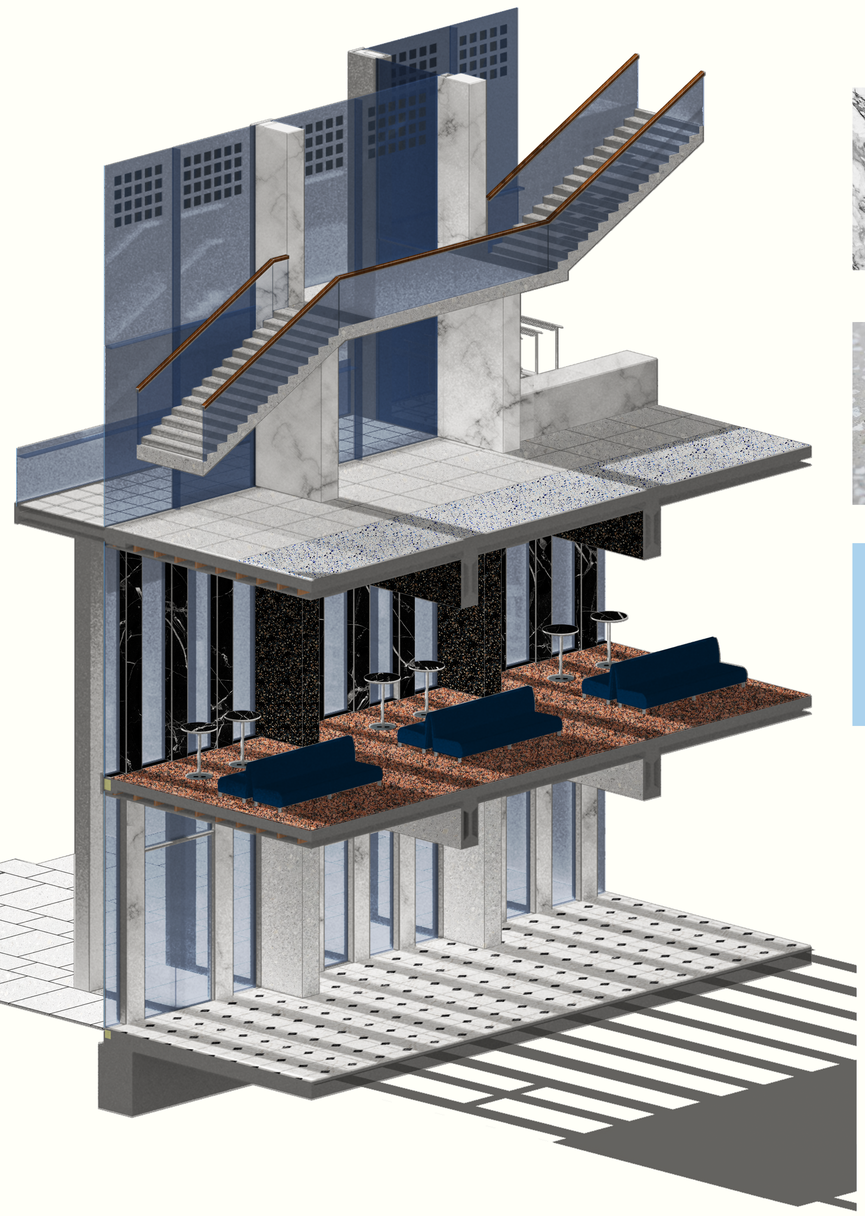
ACOUSTIC RESEARCH



Heavy
Closed
Warm







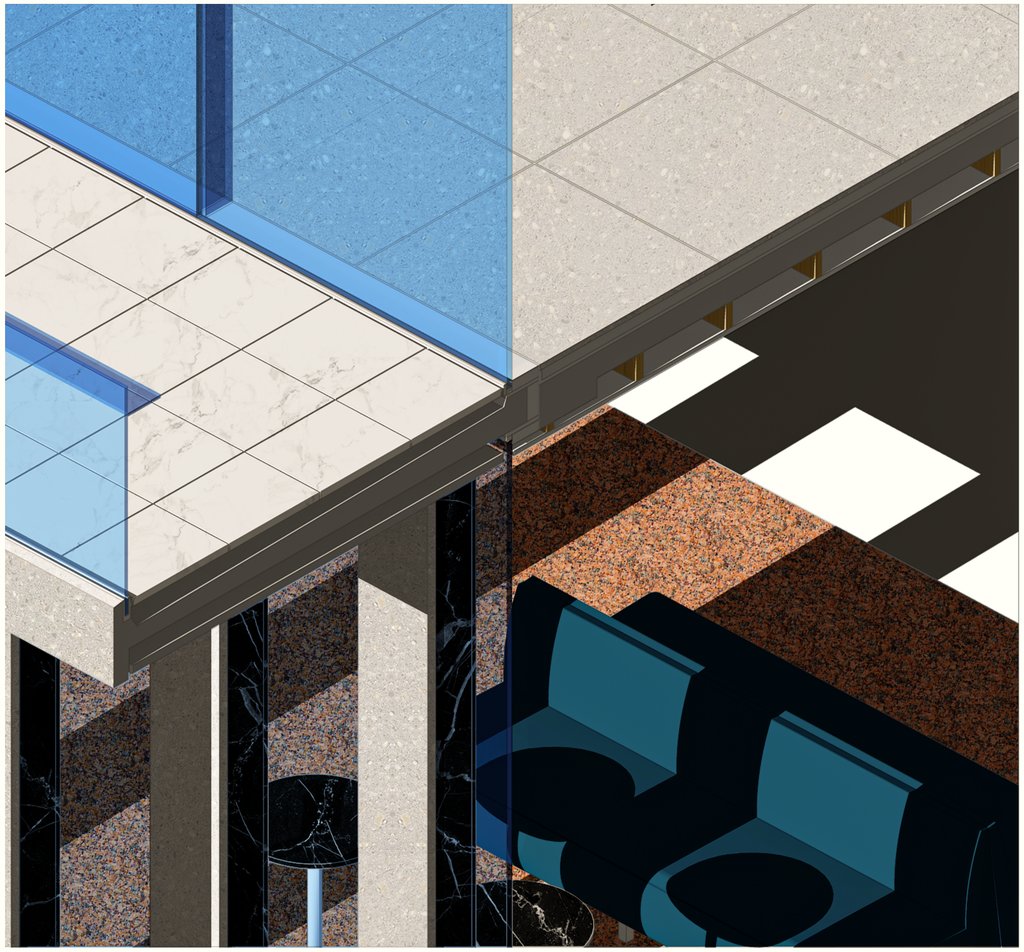


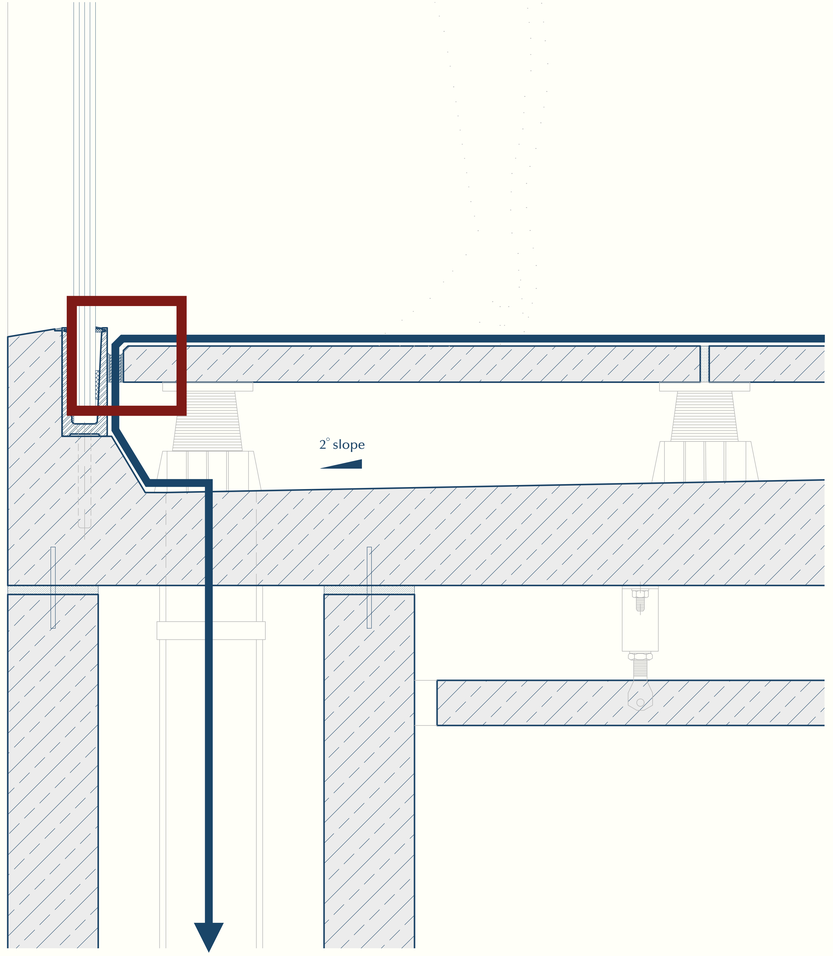




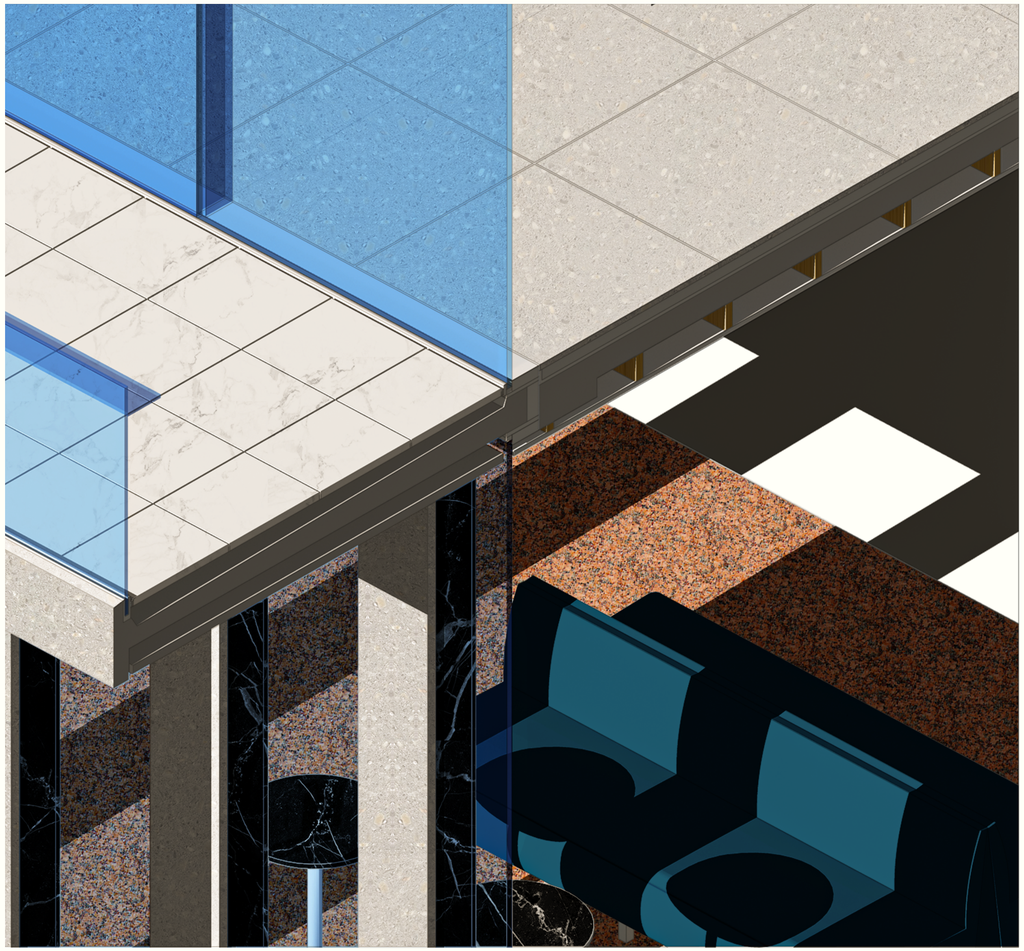
Light
Open
Cool

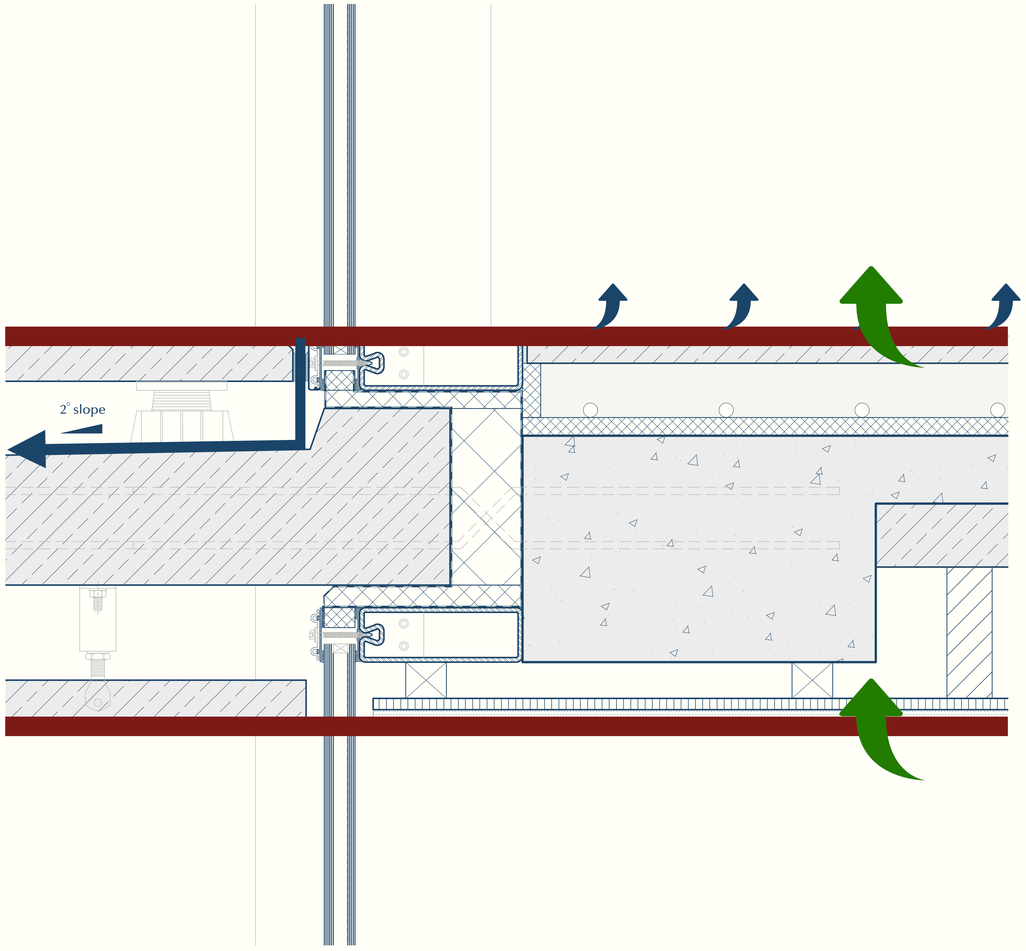
BUILDING TECHNOLOGY



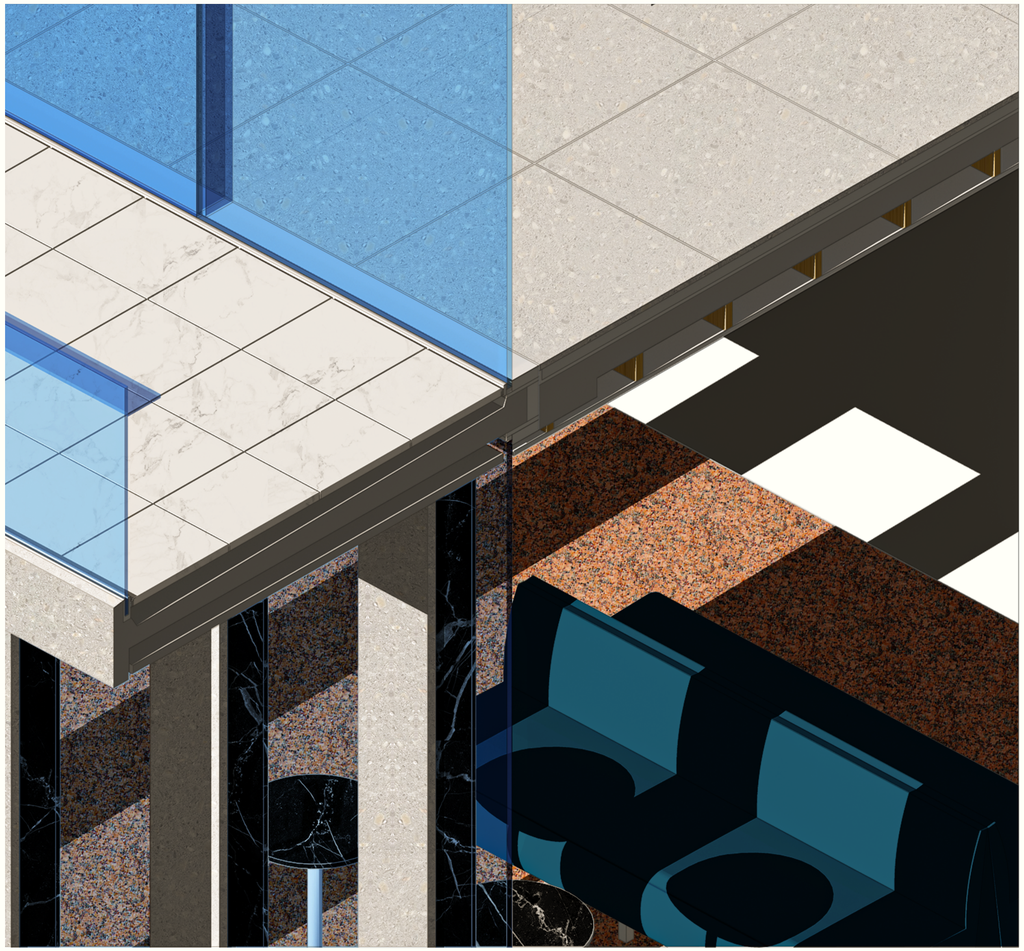


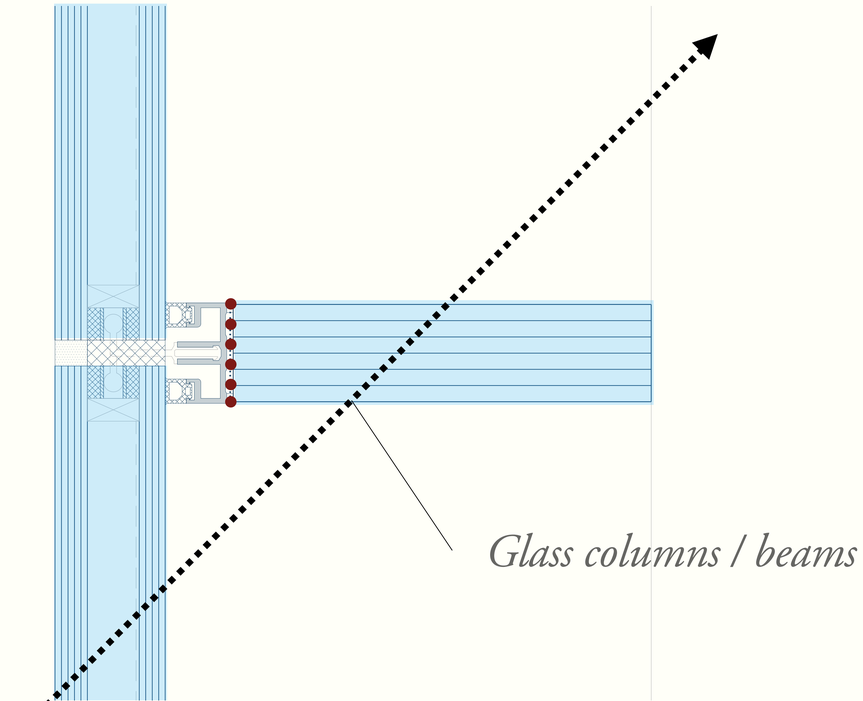
BUILDING TECHNOLOGY





BUILDING TECHNOLOGY





BUILDING TECHNOLOGY

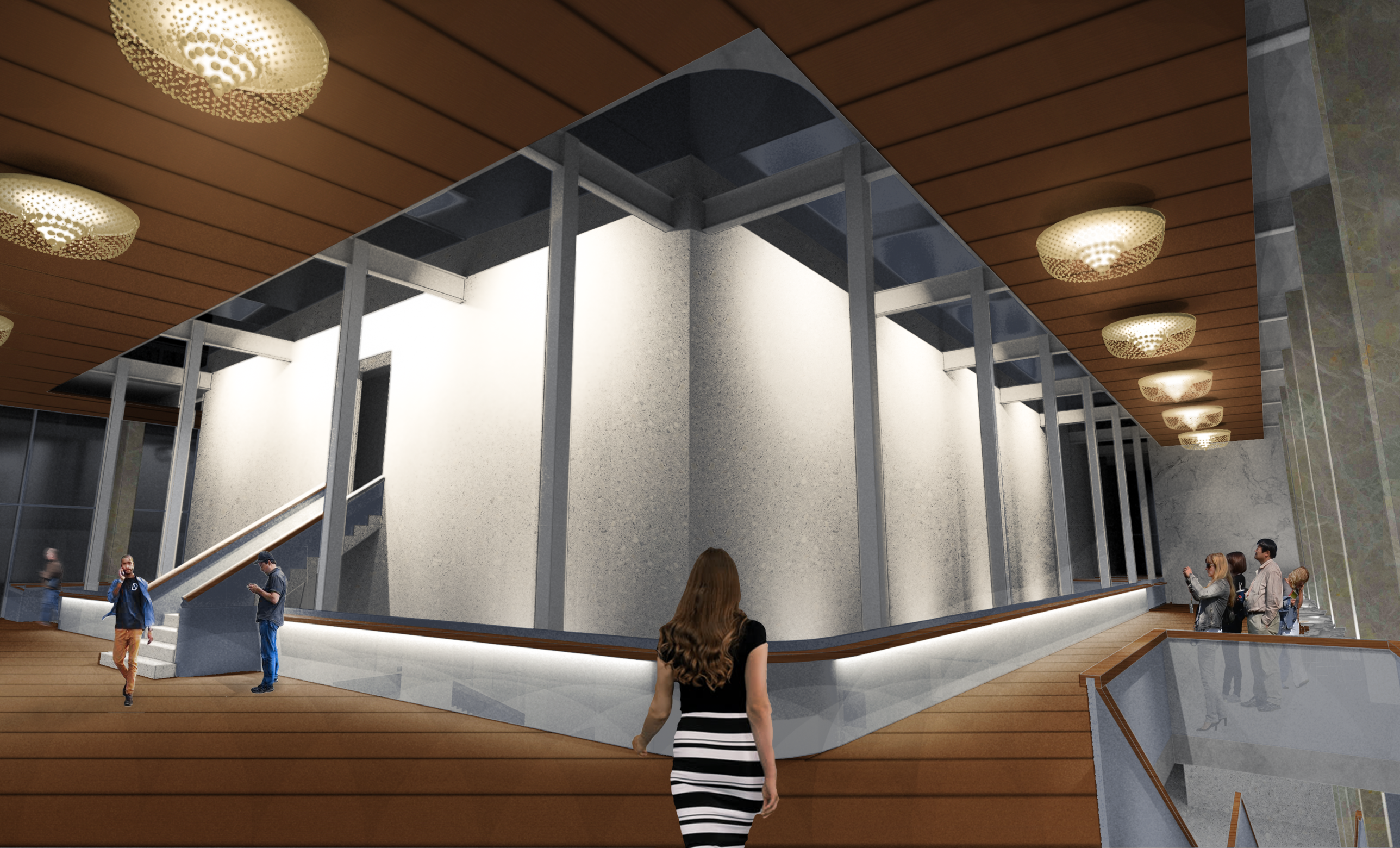
CADENZA



DE DOELEN


RECEPTIO DE DOELEN













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de Doelen
RBS


THANK YOU
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