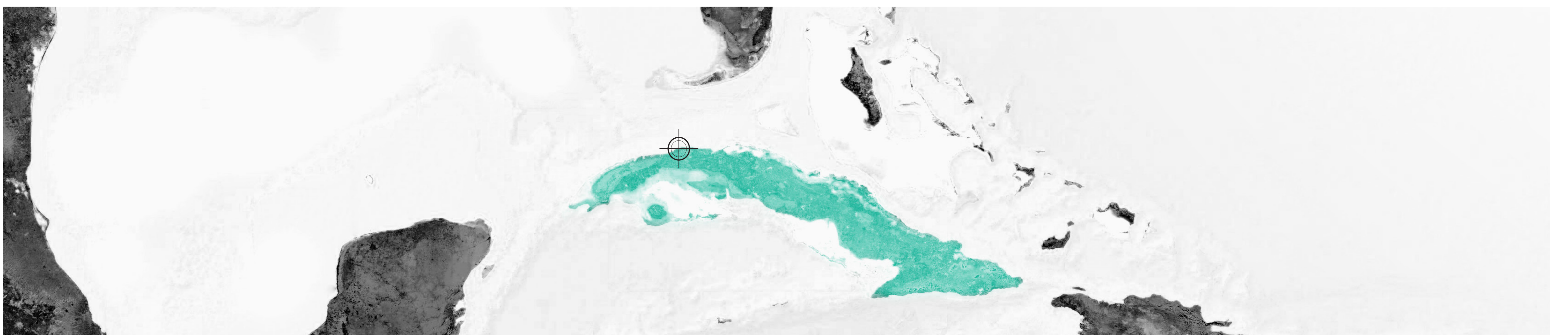


URBAN PLAN

HAVANA VIEJA & SURROUNDINGS

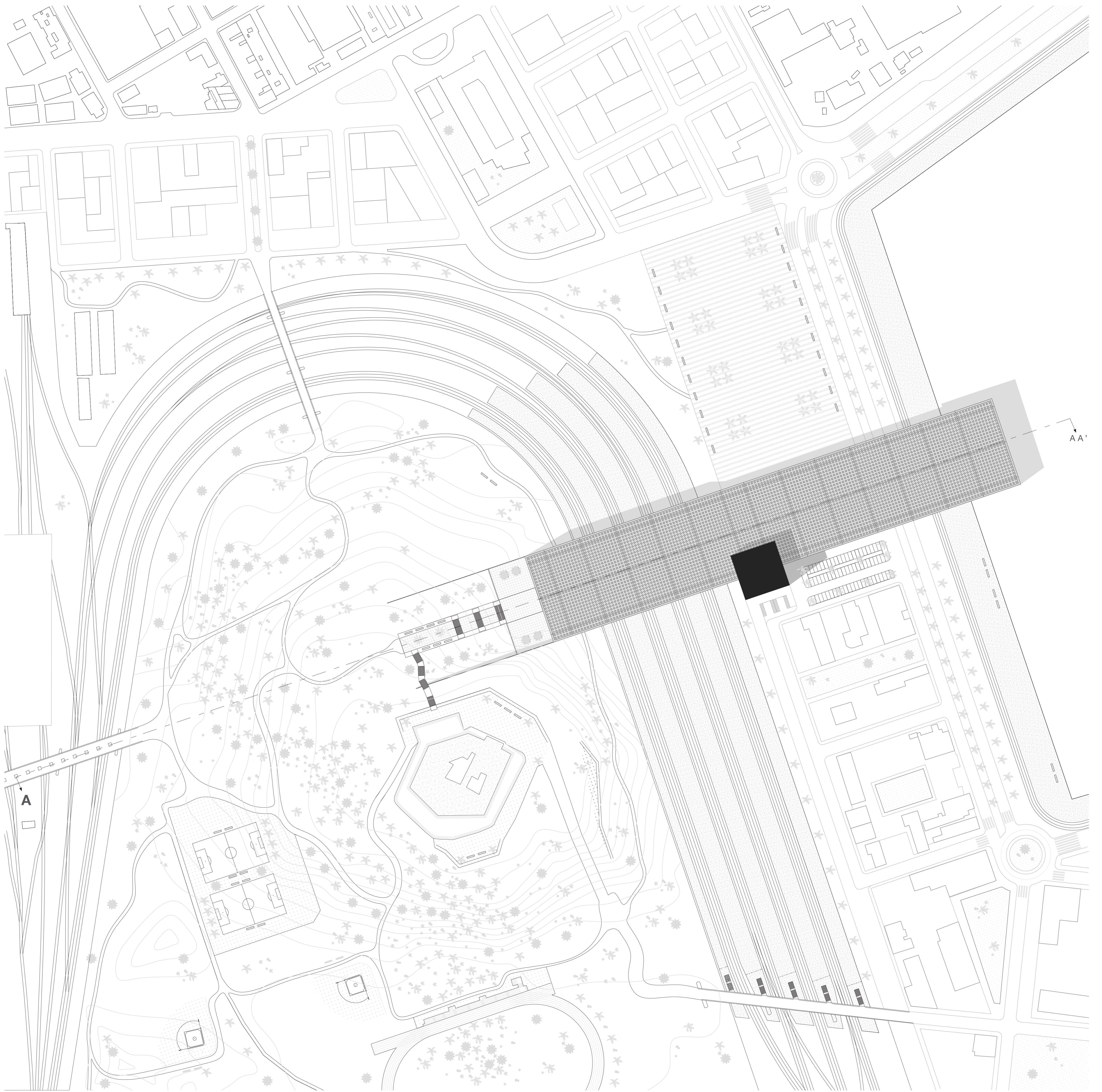
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PROJECT LOCATION

LOCATION

CUBA, HAVANA



SITE PLAN

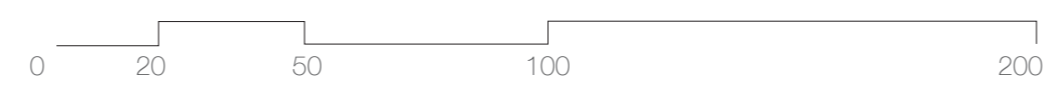
1 ATARÉS & SURROUNDINGS

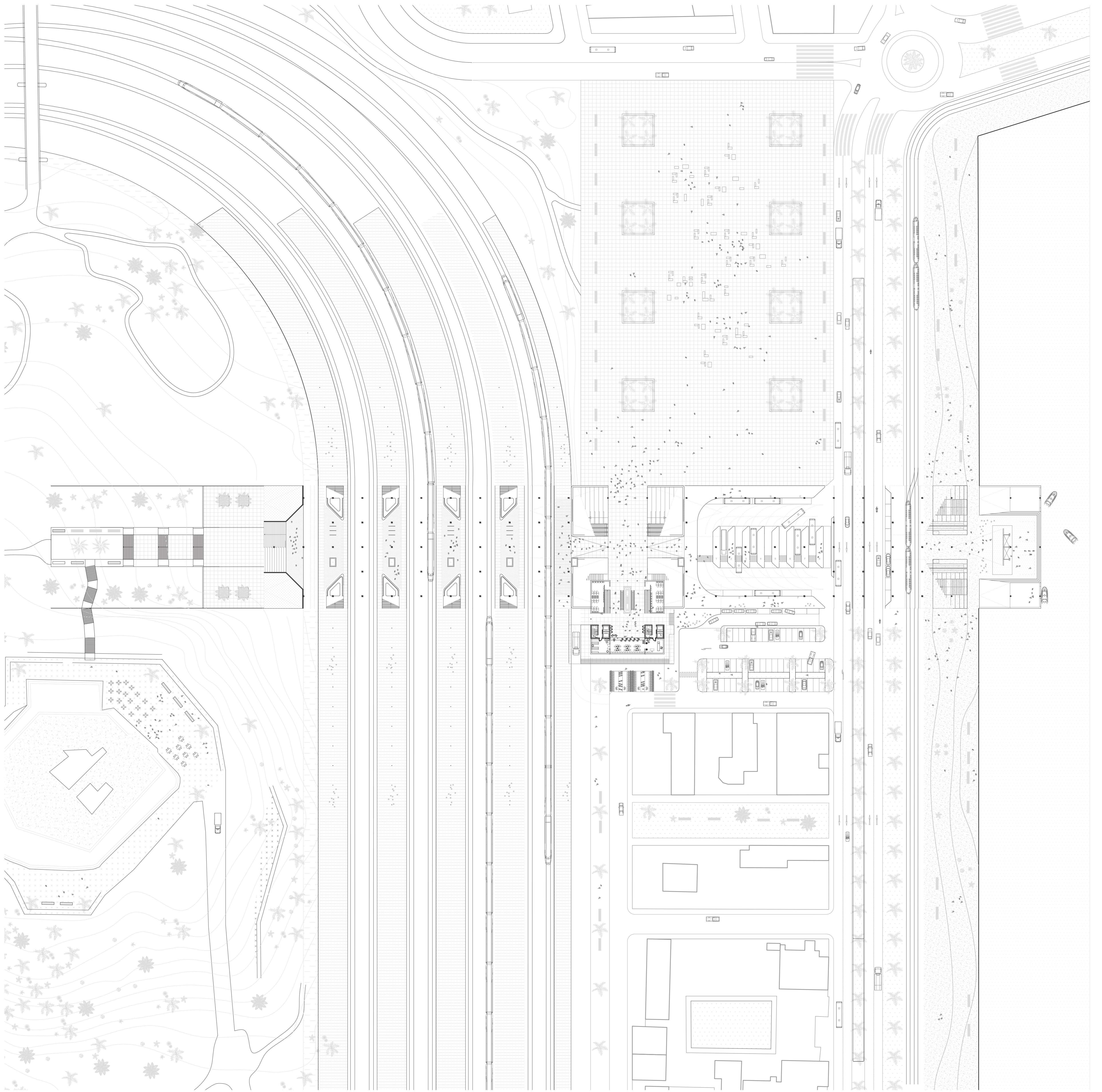


URBAN SECTION

SURROUNDINGS

ATARÉS & SURROUNDINGS

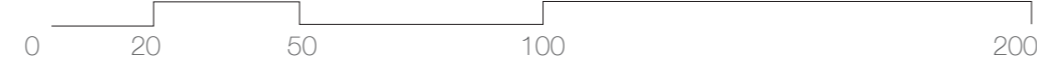




URBAN IMPLEMENTATION

URBAN IMPLEMENTATION

STATION DISTRICT



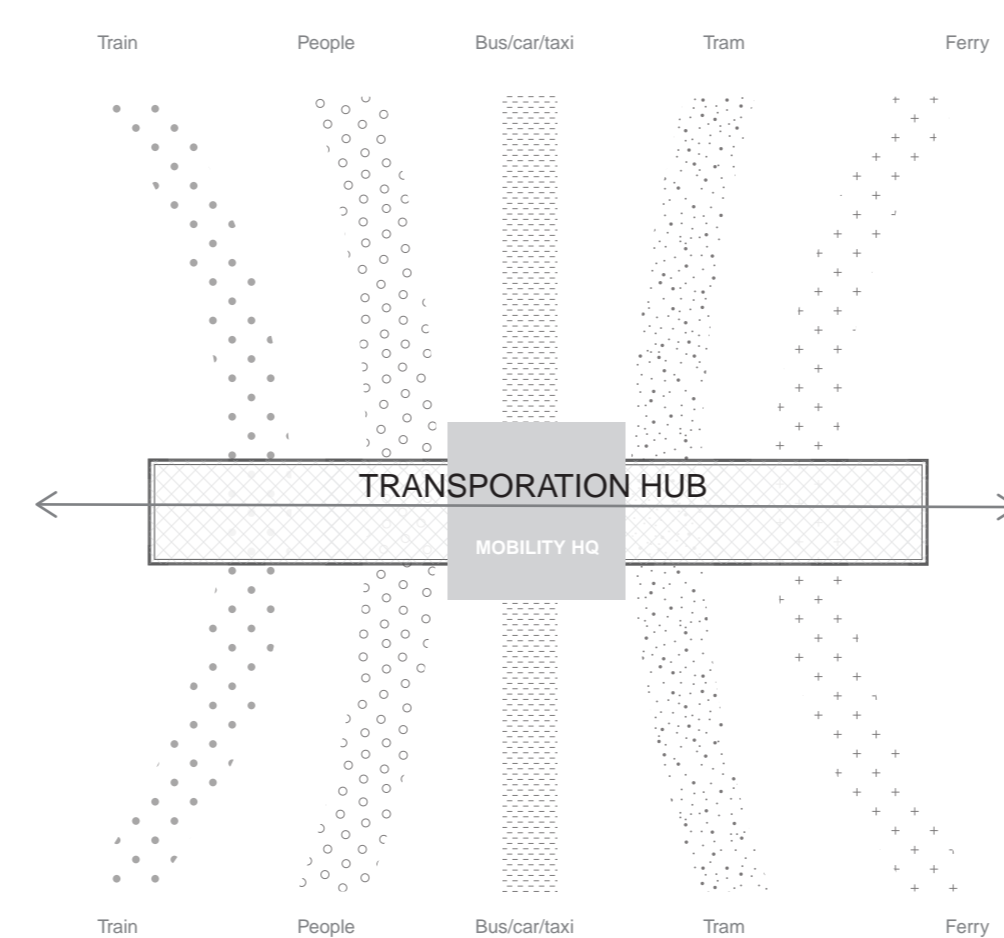
Havana, Cuba

The almost sixty year social-communistic Castro regime has driven the island of Cuba into isolation. Infrastructure on the island fully relies on the nation own capacity and since the special period like everything else this is in an overall state of decline and scarcity. However Cuba understands that it cannot longer stay isolated and economically dependent, therefore Cuba is changing and slowly opening up to the world.

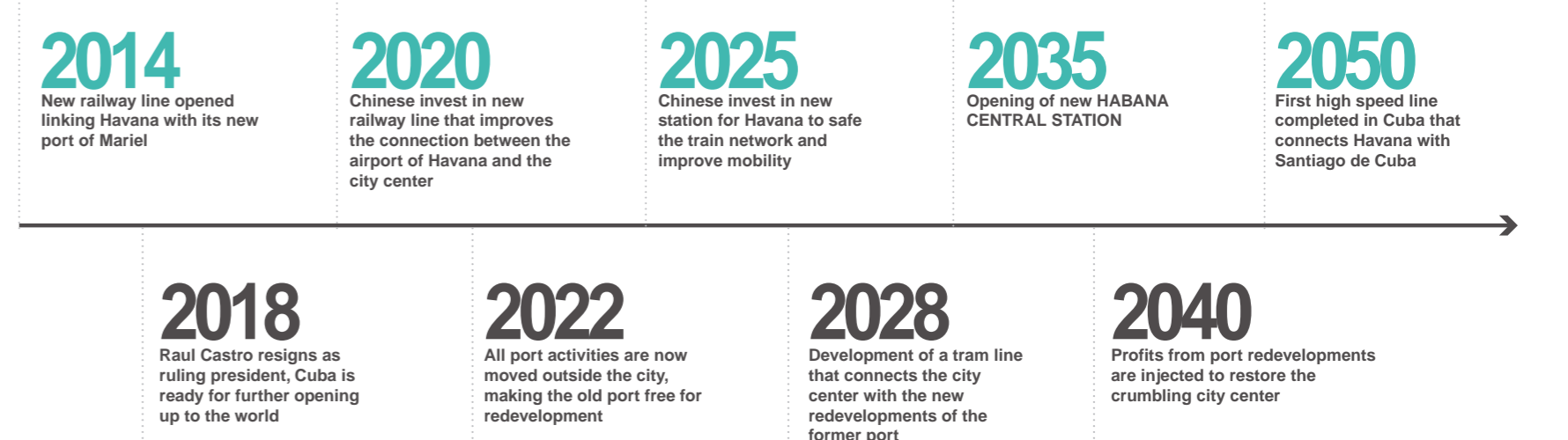
The ongoing neglected state of maintenance together with a scarcity of resources and inefficient logistics of infrastructure have made the capital Havana into an immobile city, that opposes numerous problems and underutilized potentials in order to become a modern city. The opposed question is how can Havana become a more contemporary city with a high level of mobility?

The main goal of the building is to connect people, neighborhoods and infrastructure together by merging different transportation options into one building gesture. The main building principles of unity, clarity and connectivity symbolizes an strong transportation typology, that will form a transition zone from the old city to future developments, from fine to bigger scale and from residential to a commercial character. The building has a perpendicular orientation relative to the infrastructure and so forms a bridge that binds and orders all infrastructure lines and giving the traveler full possibility of transfer between.

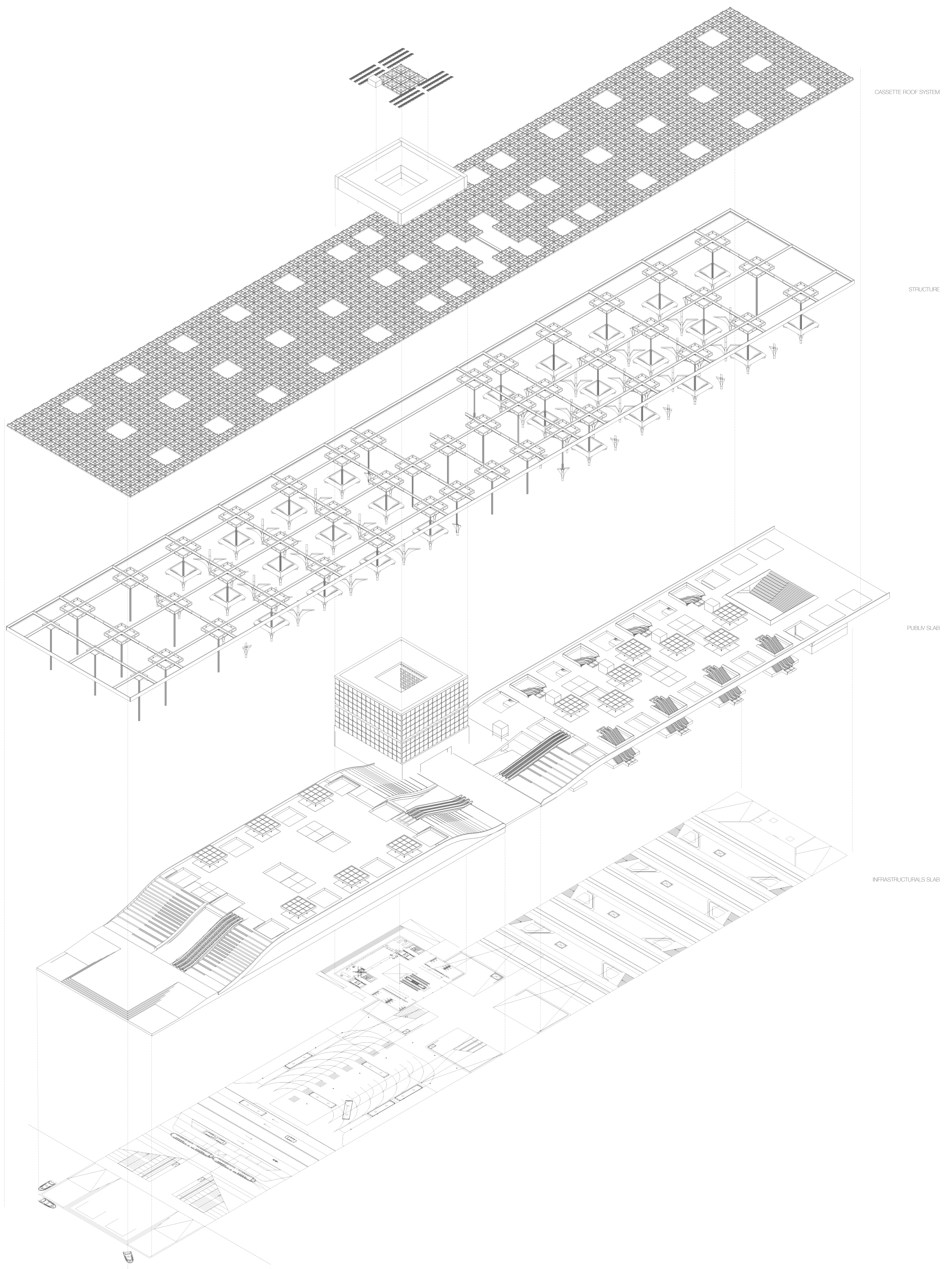
NARRATIVE



SPATIAL CONCEPT



PROJECT SCENARIO



CASSETTE ROOF SYSTEM

STRUCTURE

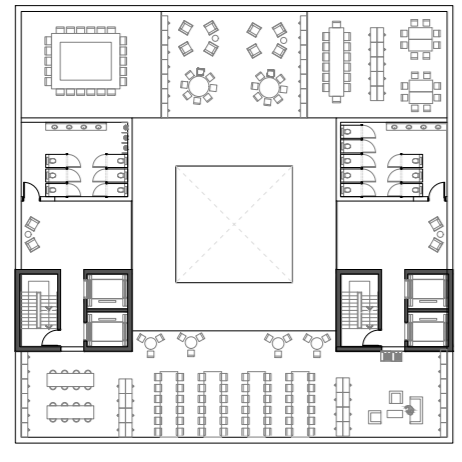
PUBLIC SLAB

INFRASTRUCTURAL SLAB

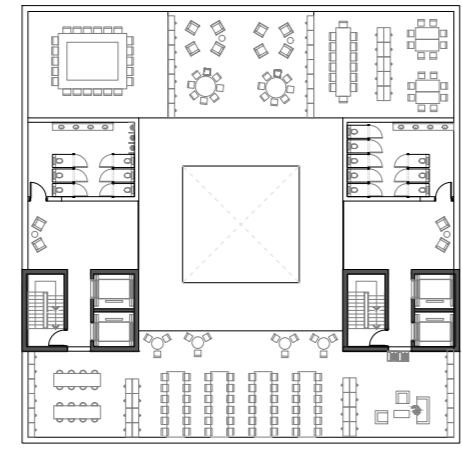
AXONOMETRIC

EXPLODED VIEW

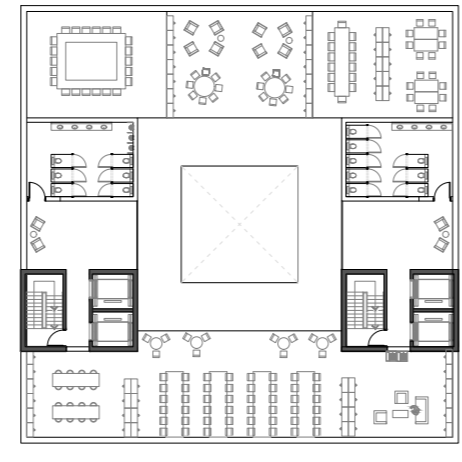
BUILDING CIRCULATION



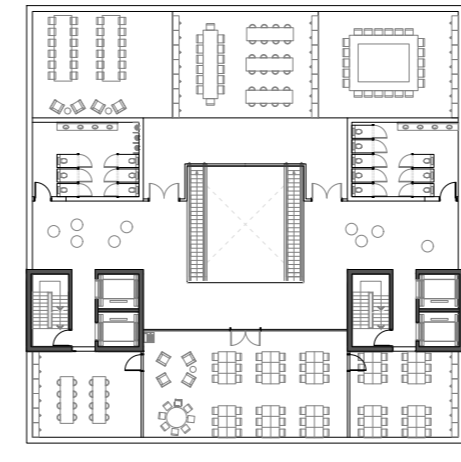
THIRD FLOOR HQ



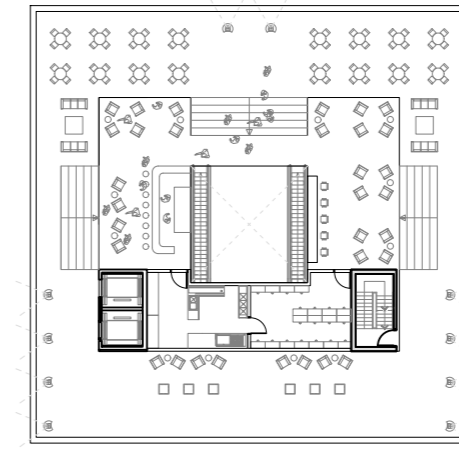
FOURTH FLOOR HQ



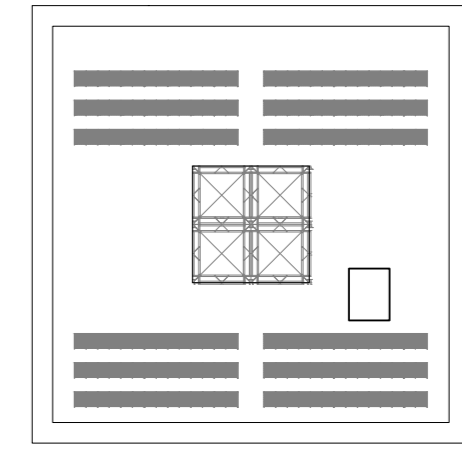
FIFTH FLOOR HQ



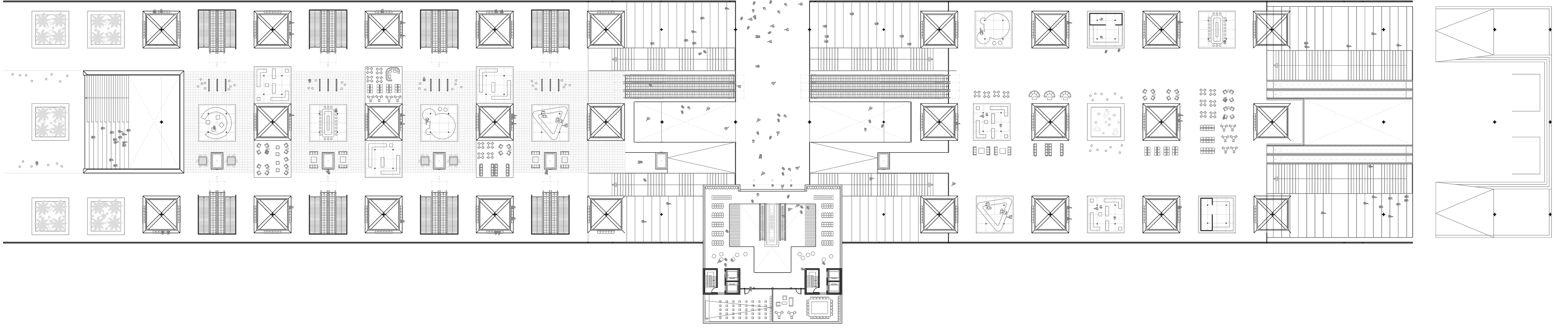
SIXTH FLOOR HQ



ROOF TETRAS HQ



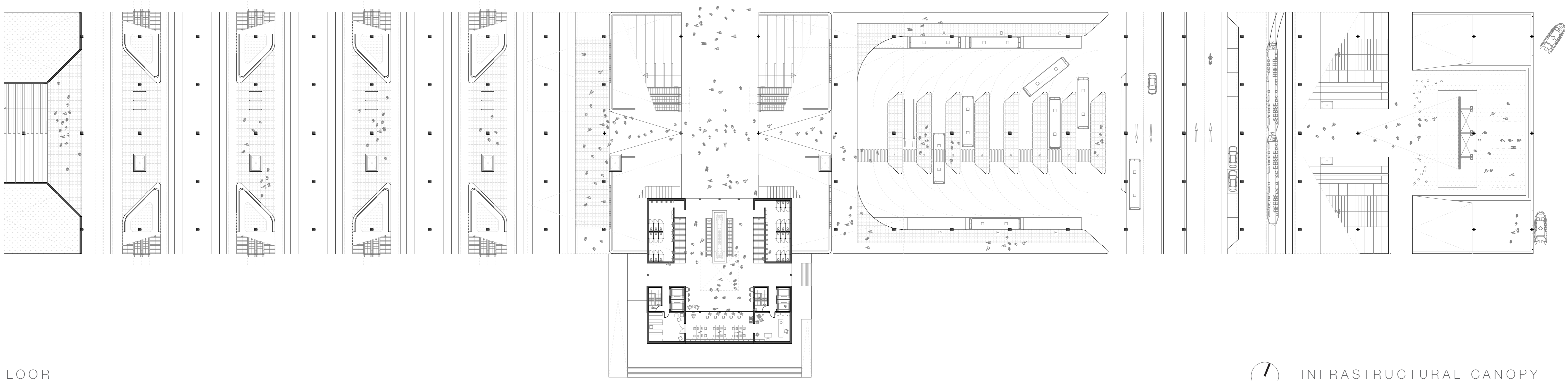
ROOF HQ



FIRST FLOOR



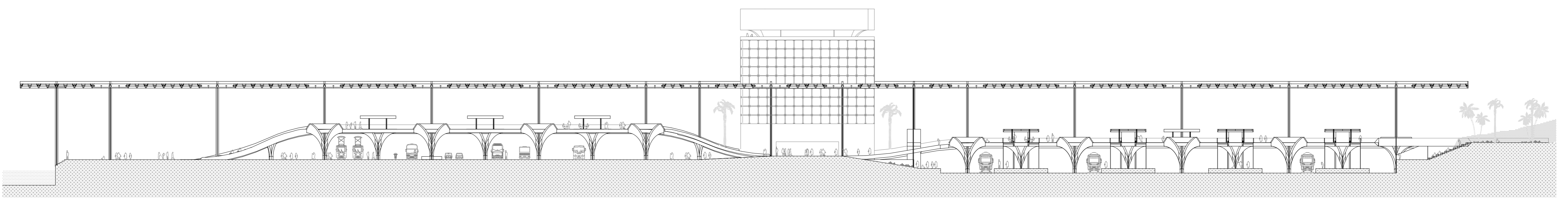
PUBLIC CANOPY



GROUND FLOOR

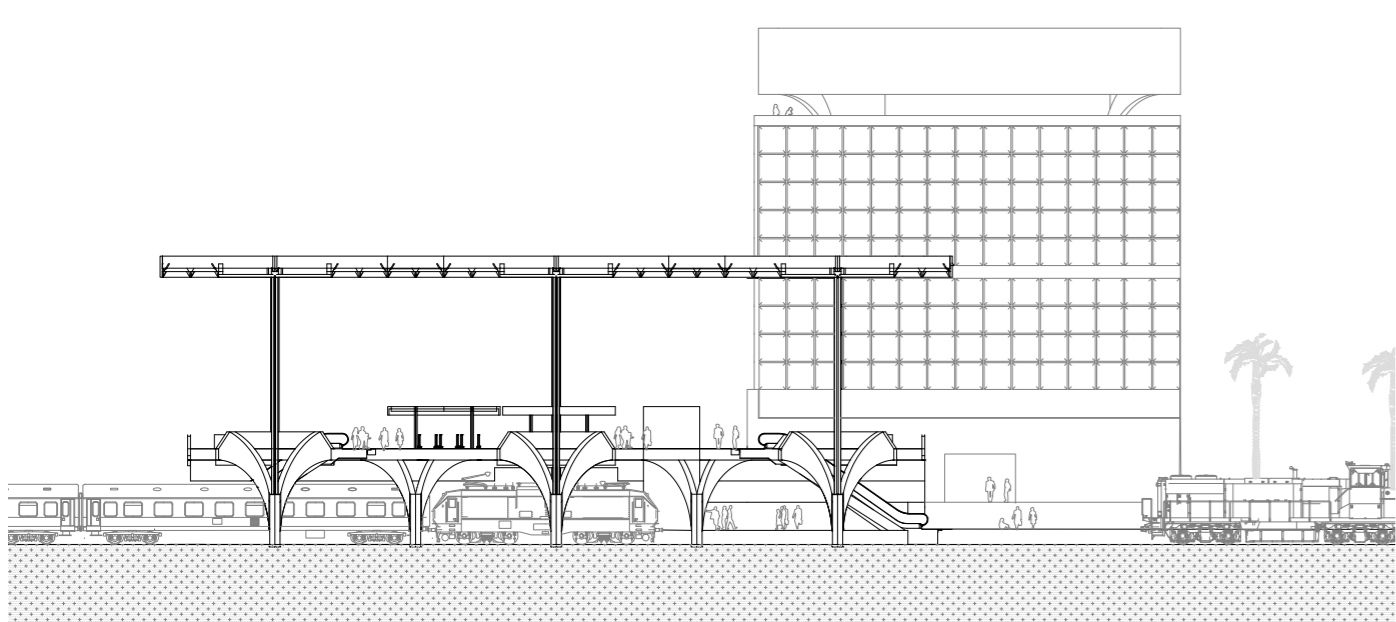


INFRASTRUCTURAL CANOPY

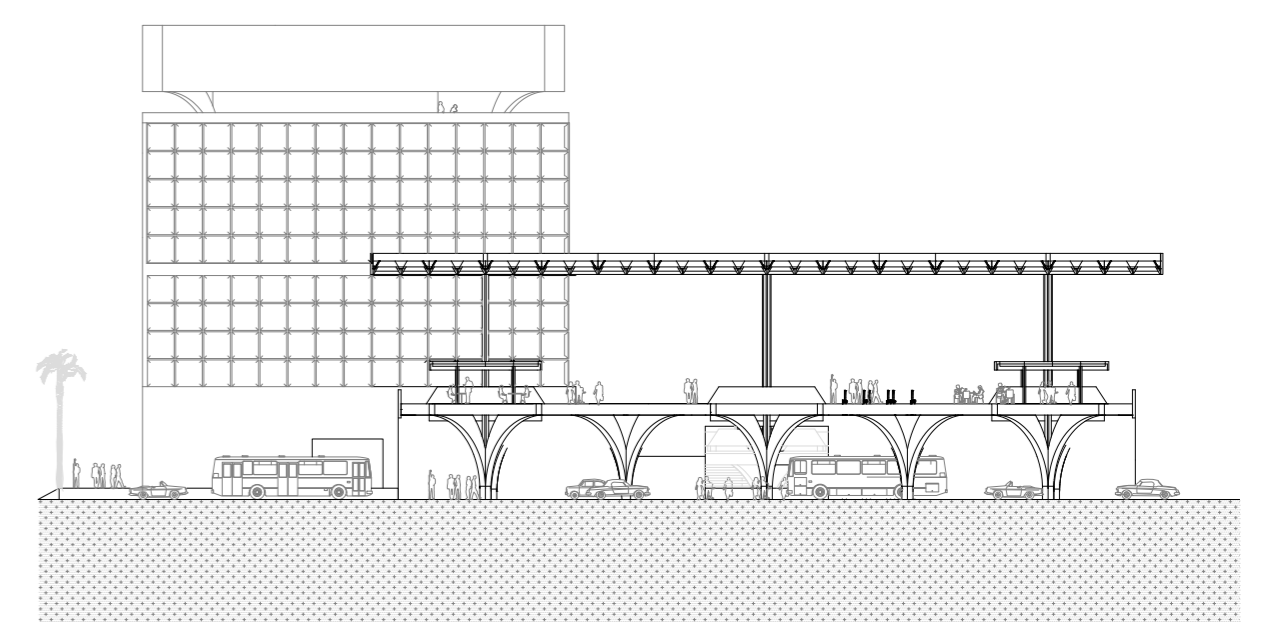
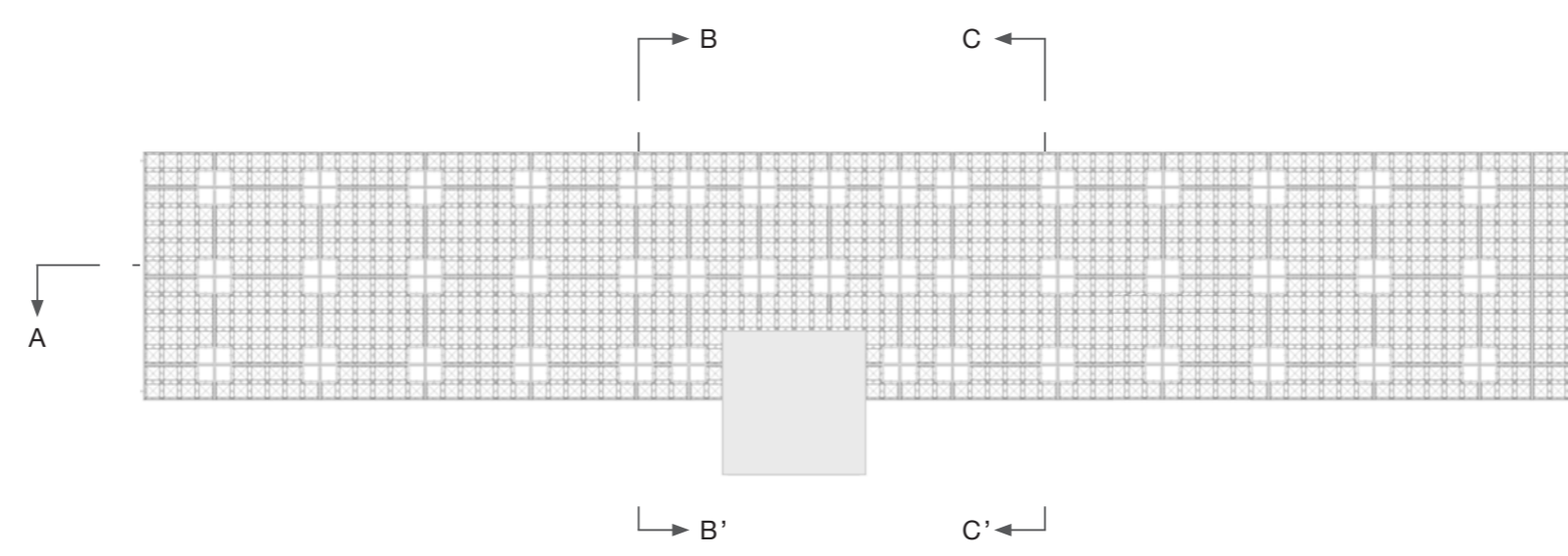


LONGITUDINAL SECTION

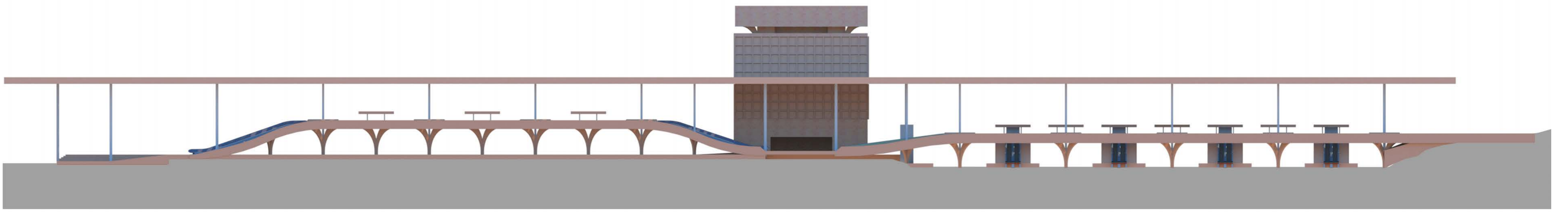
NORTH



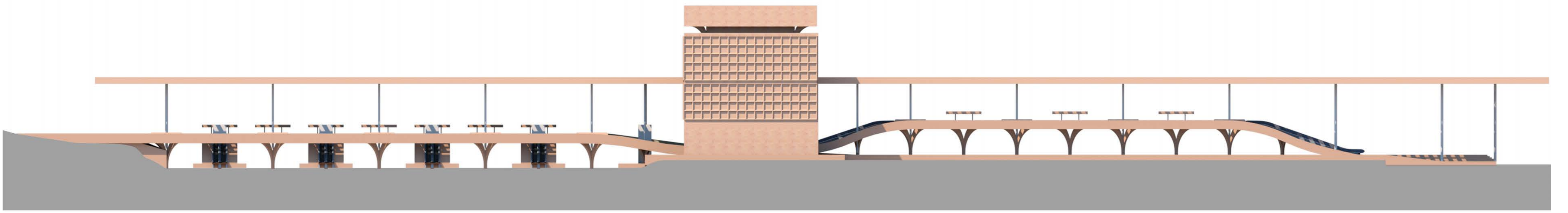
CROSS SECTION TRAIN TERMINAL



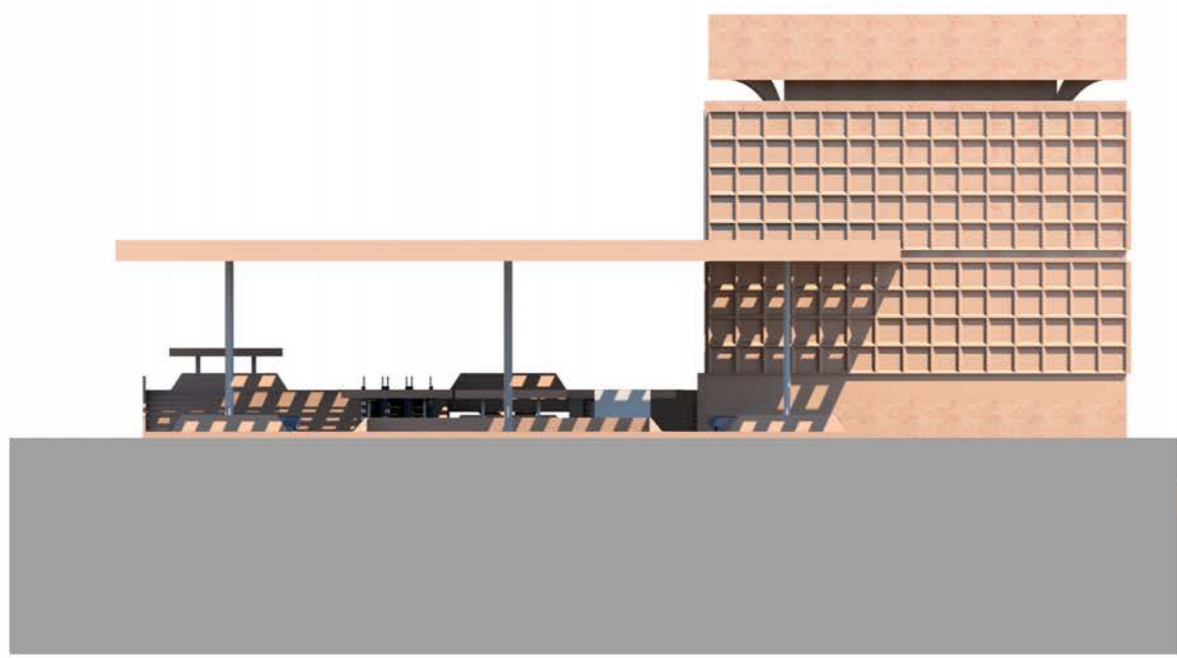
CROSS SECTION BUS TERMINAL



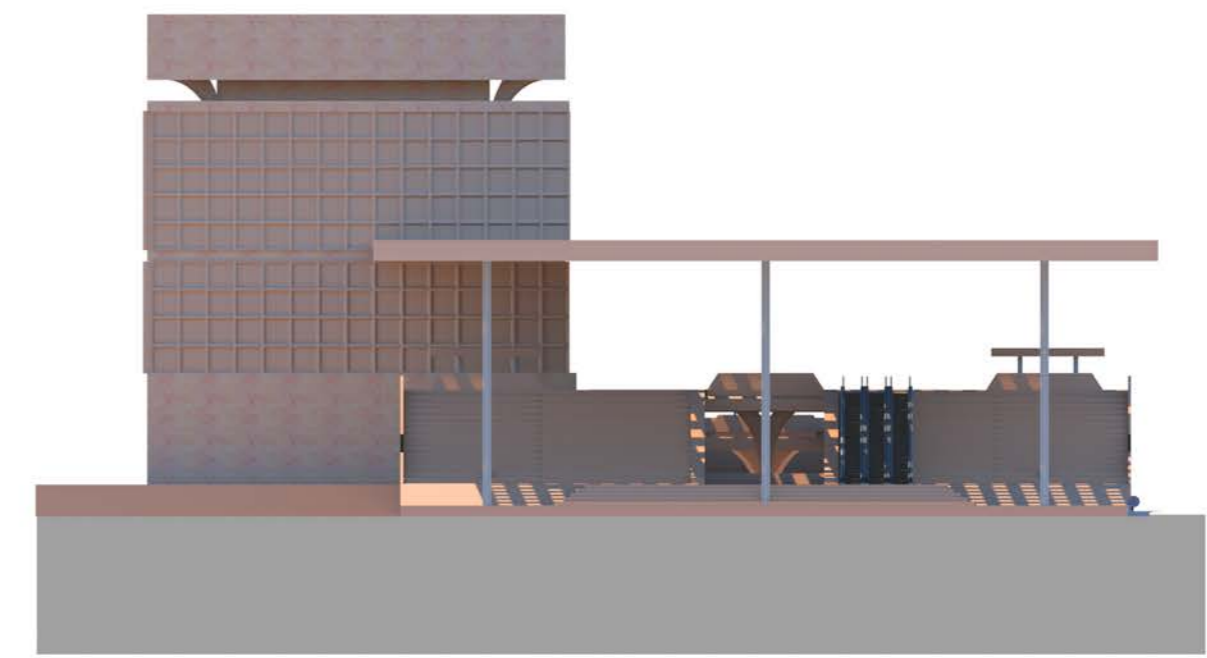
ELEVATION NORTH



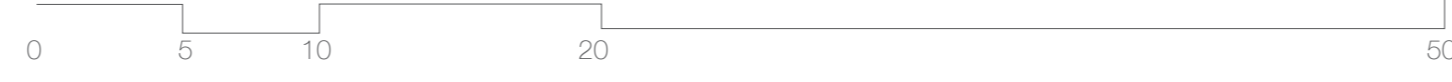
ELEVATION SOUTH



ELEVATION WEST

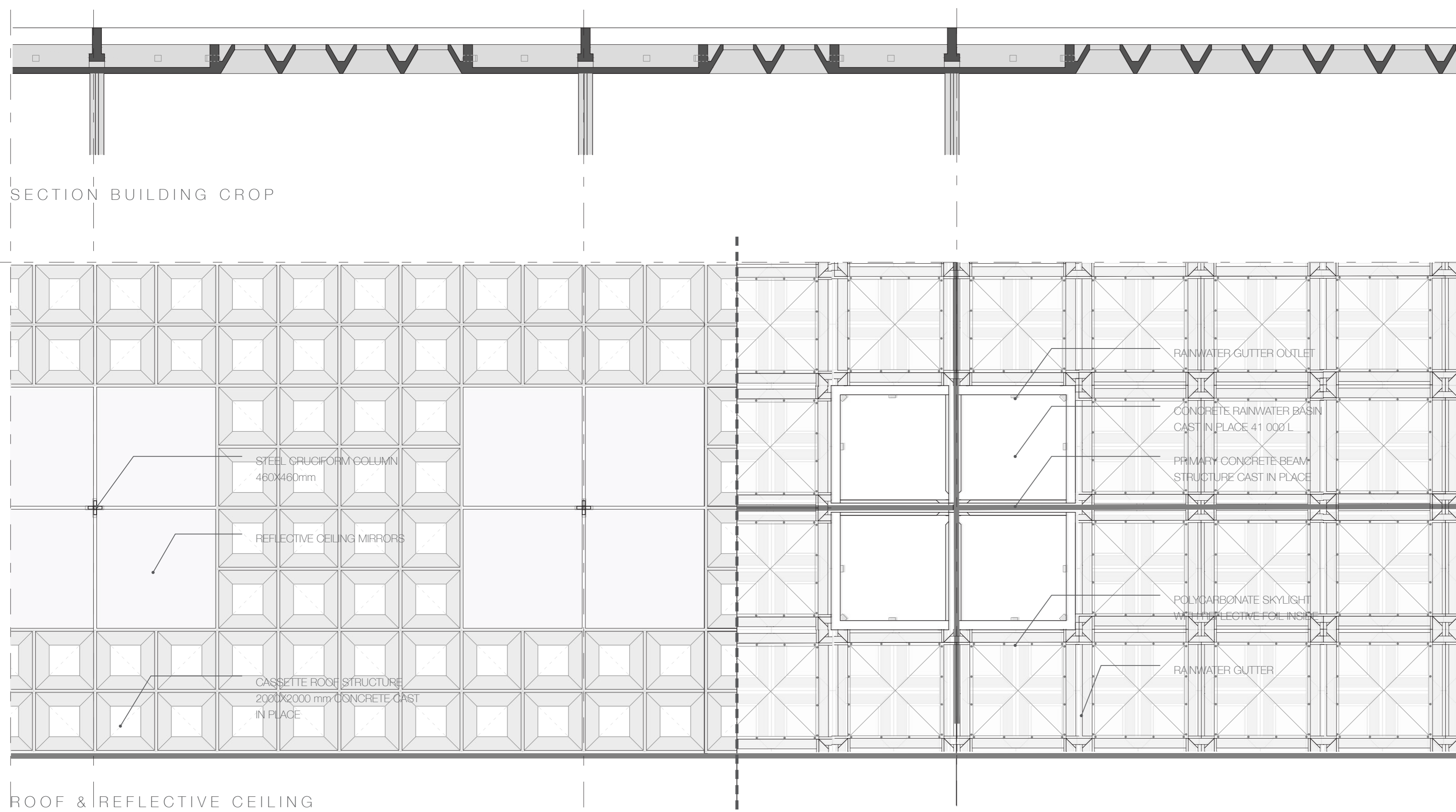


ELEVATION EAST

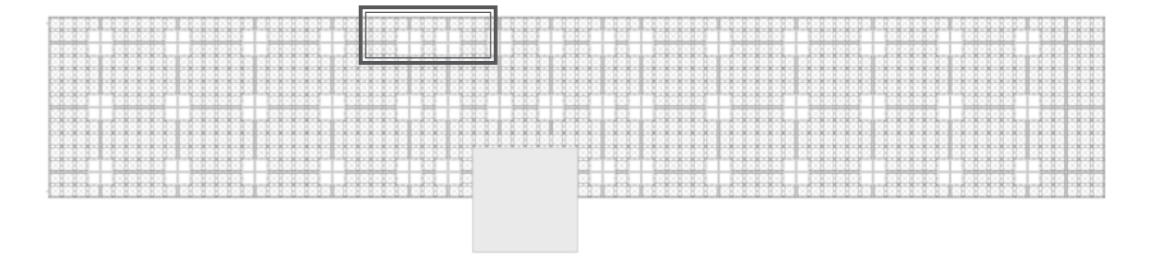


COLLAGE/ARTIST IMPRESSION

ARRIVING AT THE STATION BY TRAIN



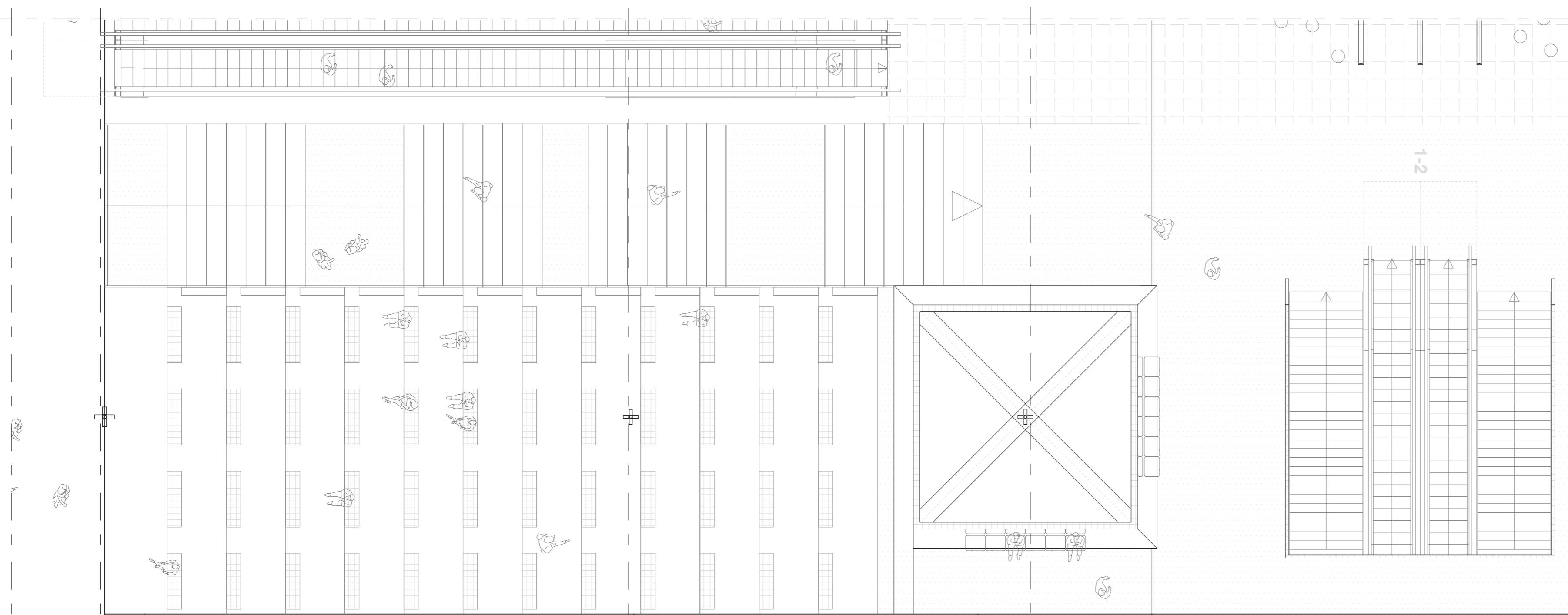
SECTION BUILDING CROP



BUILDING CROP

ROOF EXPRESSION

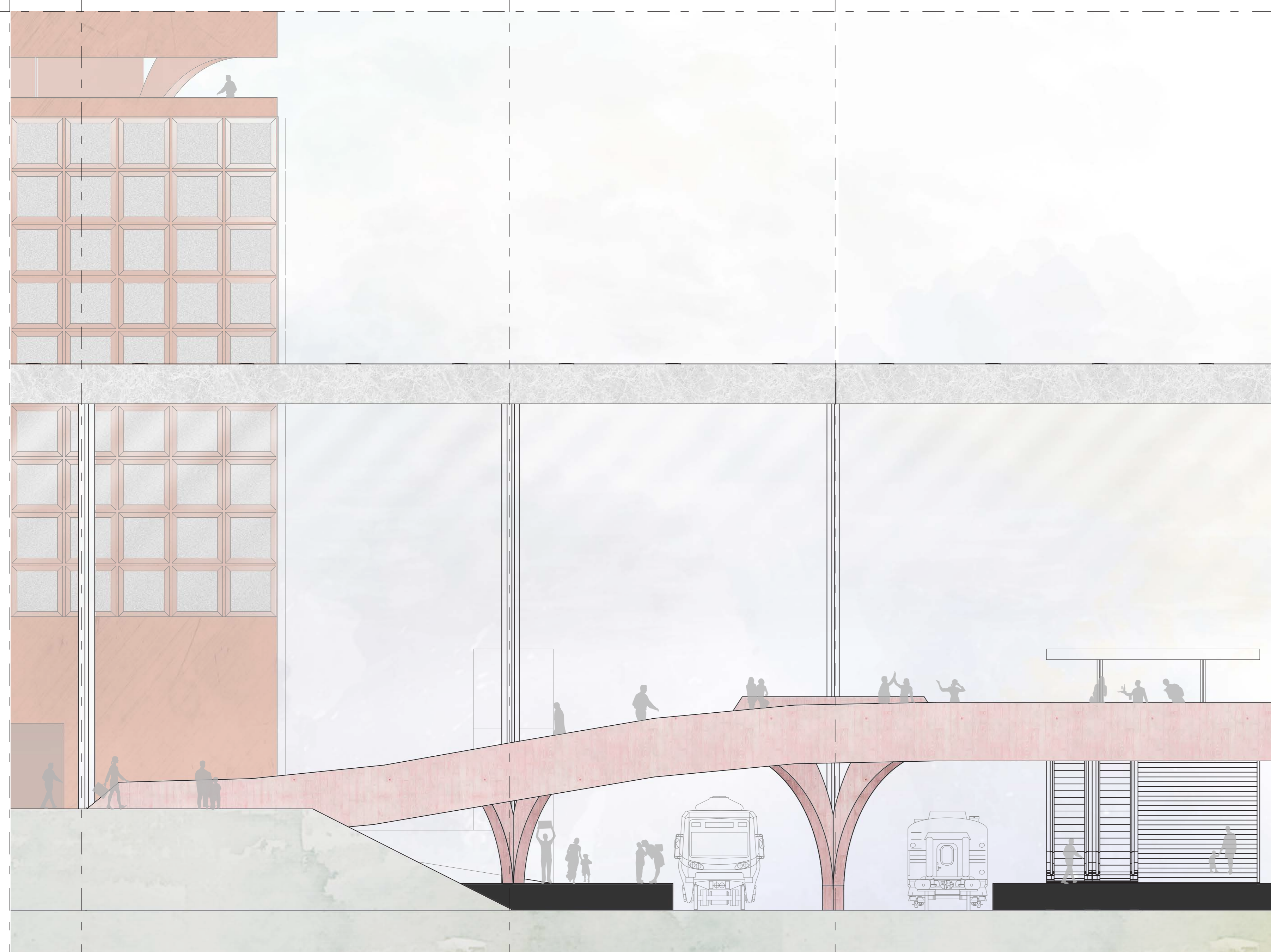
Because of the big size of the station (320 x 52m) the appearance can feel quite big. In order to not feel lost under the massive canopy like structure a cassette system of 2 x 2m is designed to give scale to the space its covers.



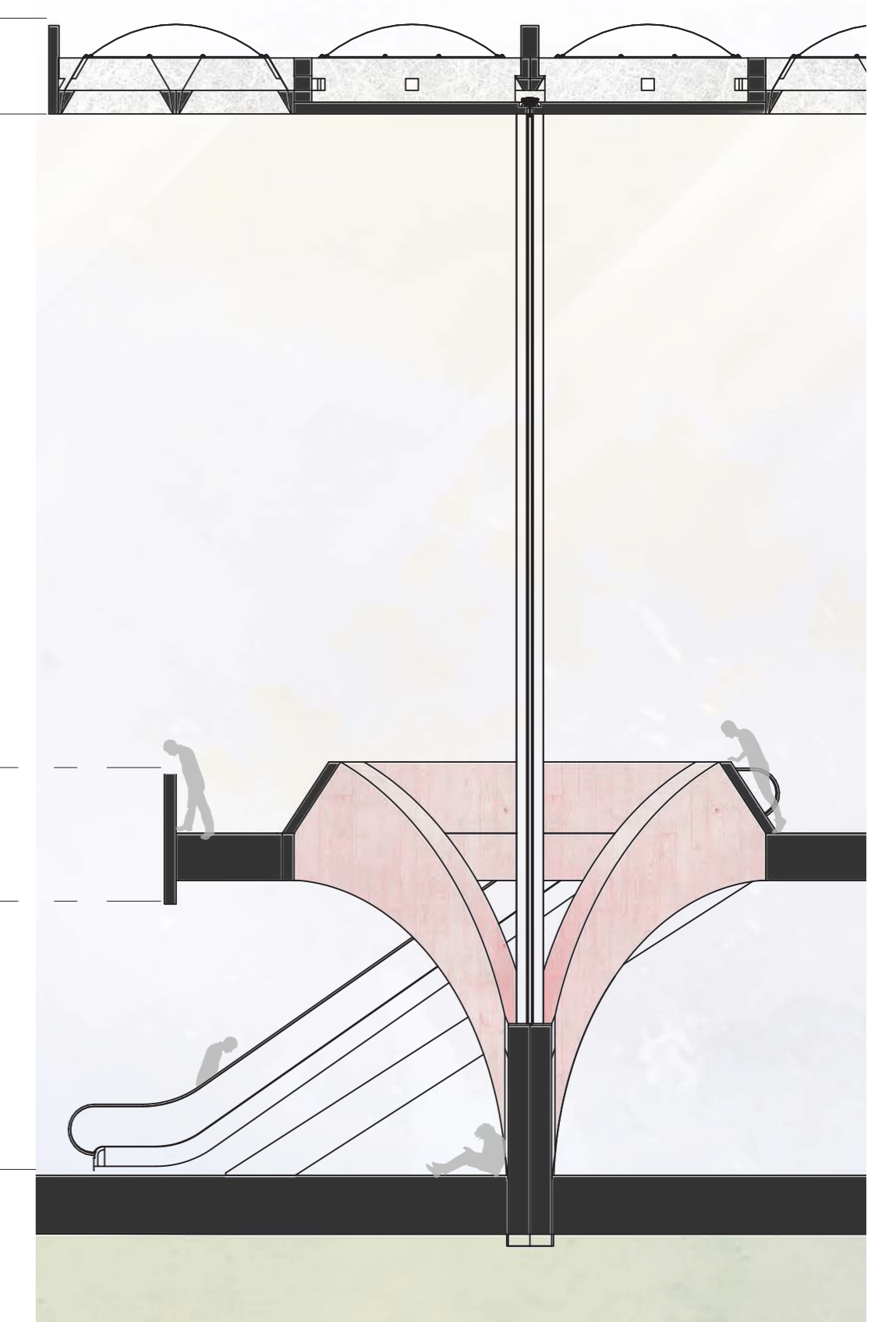
ROOF & REFLECTIVE CEILING

URBAN TRIBUNE

A station is not only more a place where people commute to from place to place, but has become over the years an attractive area to go to for different purposes than travel. A station therefore needs have sufficient space that provides for those new station activities. The big canopies are used as big urban tribunes that invites people to climb, sit and enjoy the view.

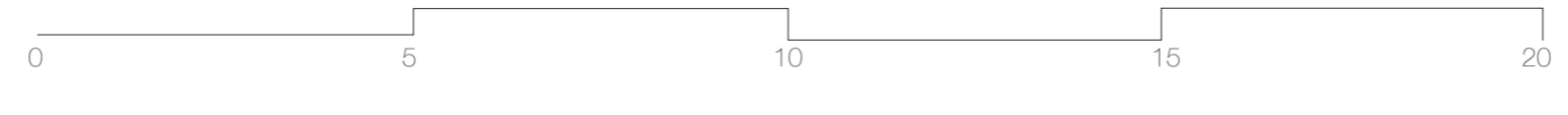


ELEVATION BUILDING CROP



SECTION BUILDING CROP

BUILDING CROP



CASSETTE ROOF

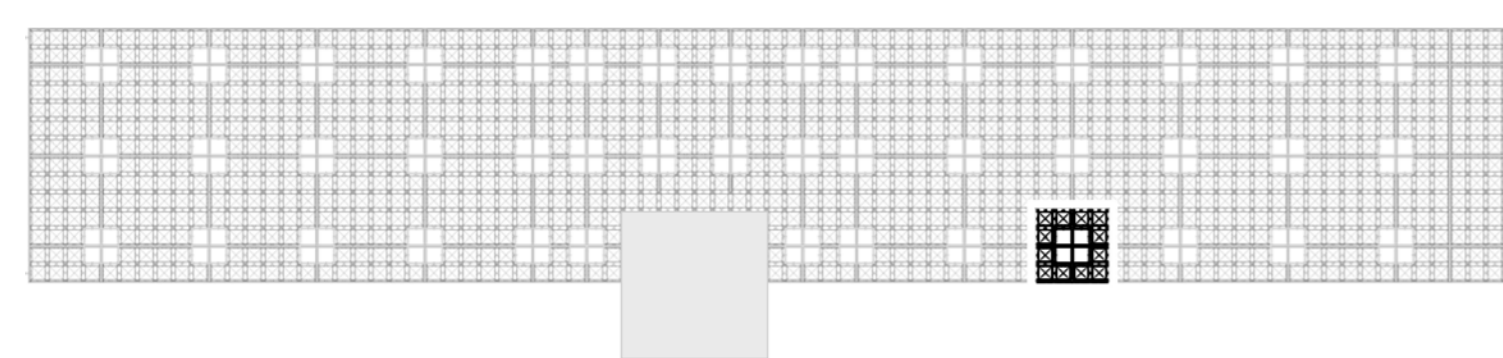
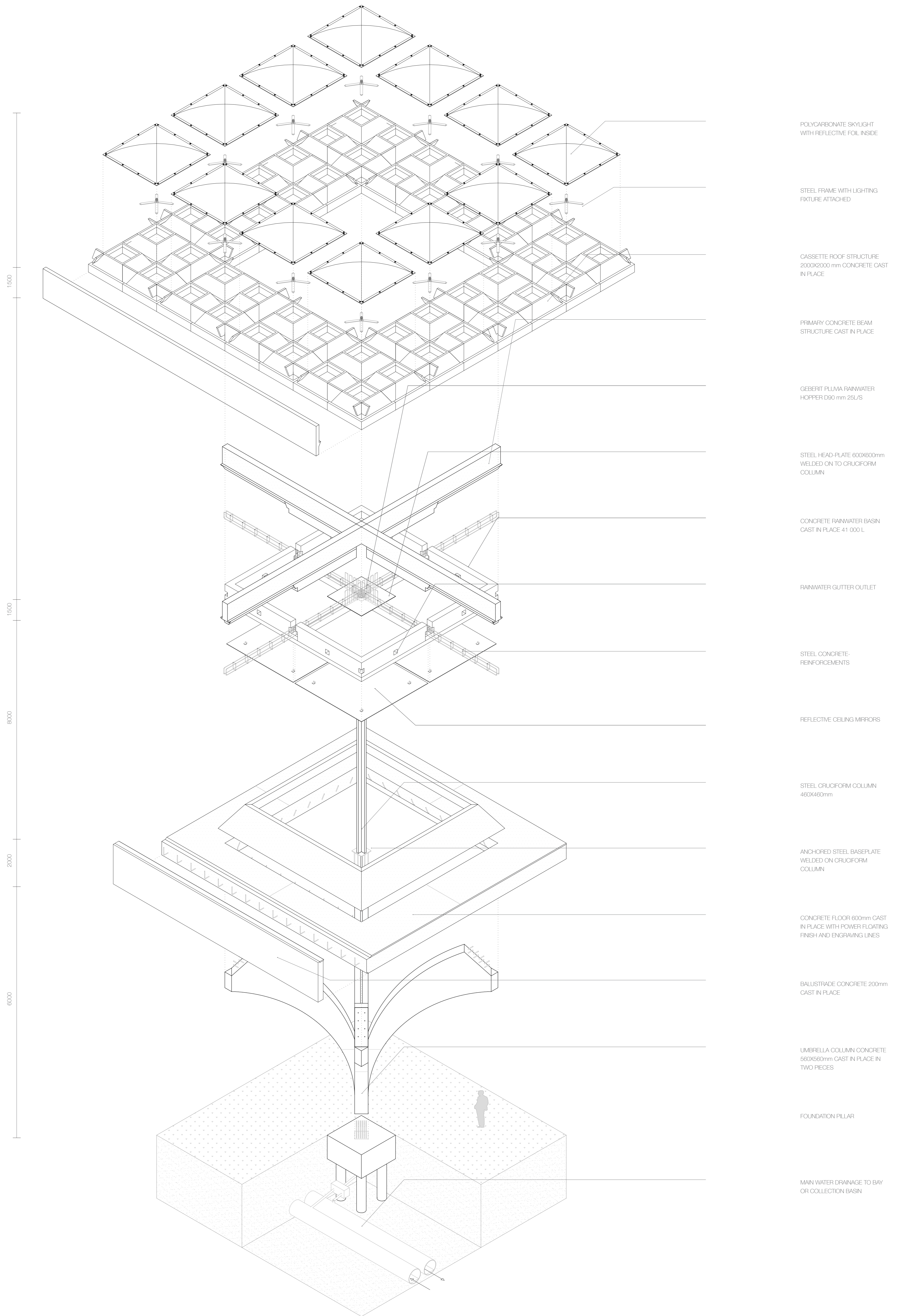
The 2 by 2m rib cassette roof system provides shade and gives scale to the enormous length of the building. By creating translucent skylights in the roof, the concrete structure iteratively feels lighter.

STRUCTURE

The roof is held up by a very special designed columns that evolve into two different appearances: a cruciform for the top canopy and an umbrella shape for the lower canopy.

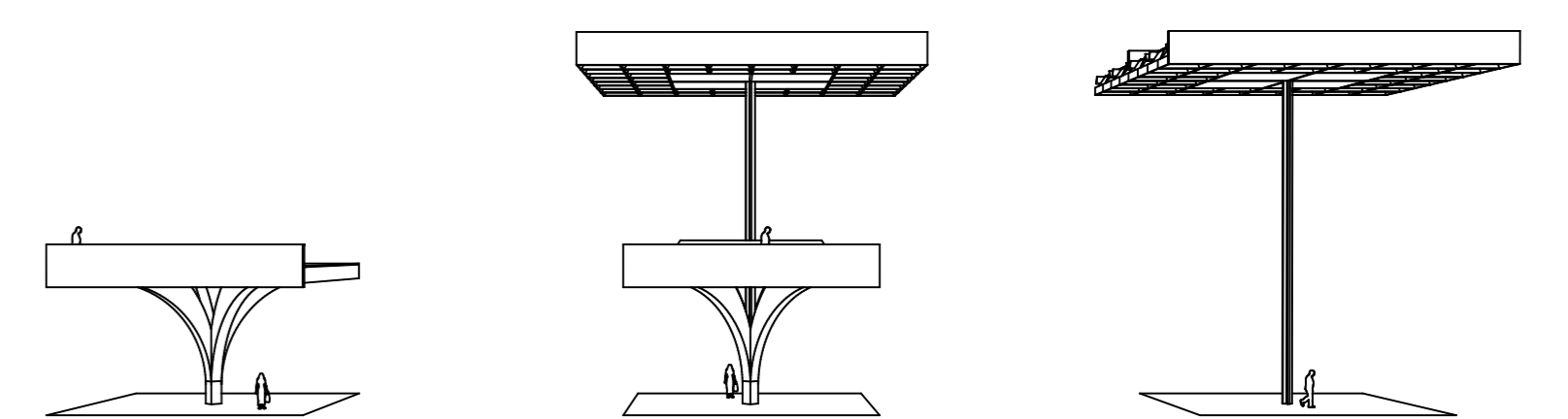
UMBRELLA FLOOR

The umbrella column fluidly merges with the lower canopy creating one mold. The two canopy's are in contrast with the other in terms of expressions, dimension and column shape but they meet as one connected structure and in expression of materiality.

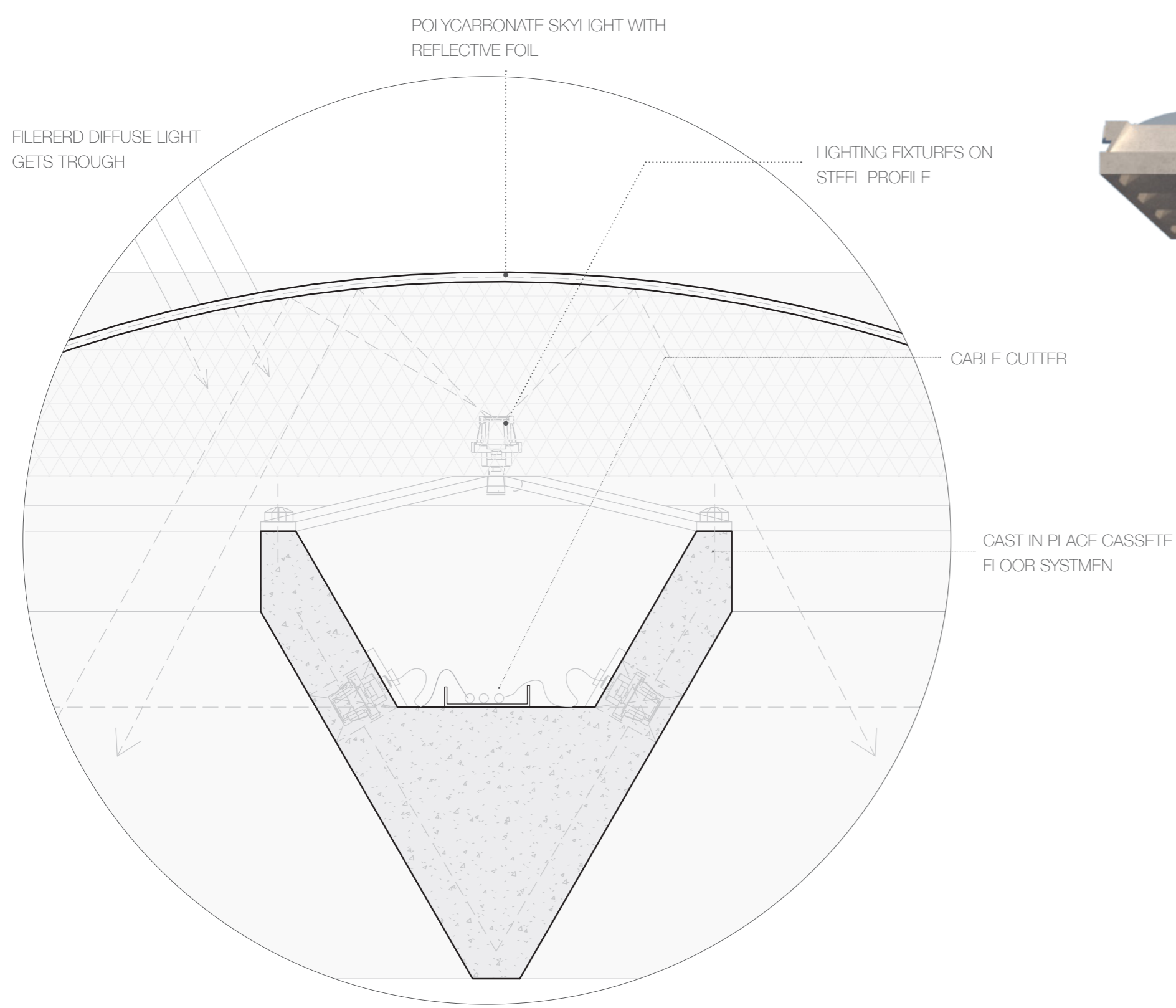


REPETITIVE ELEMENT

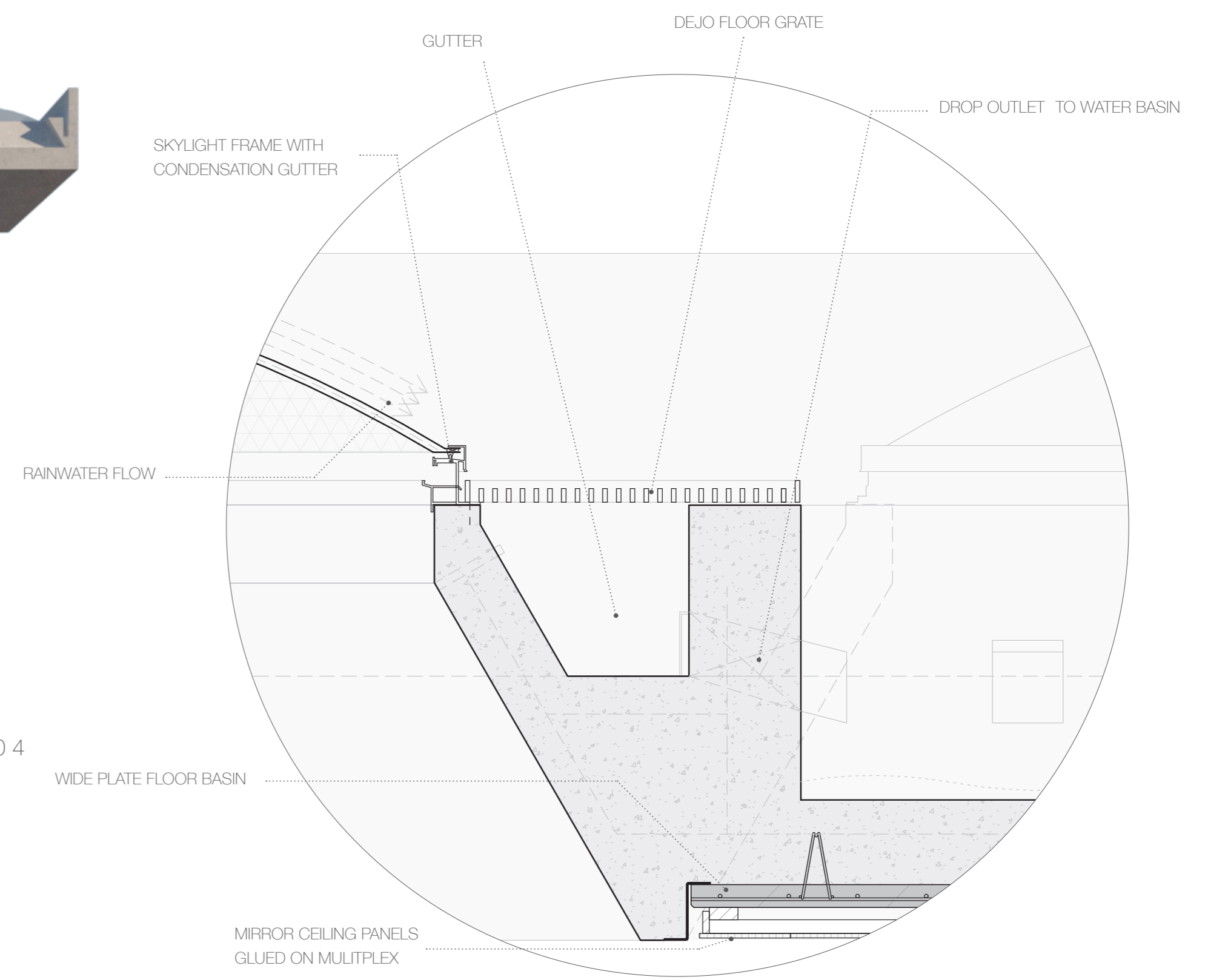
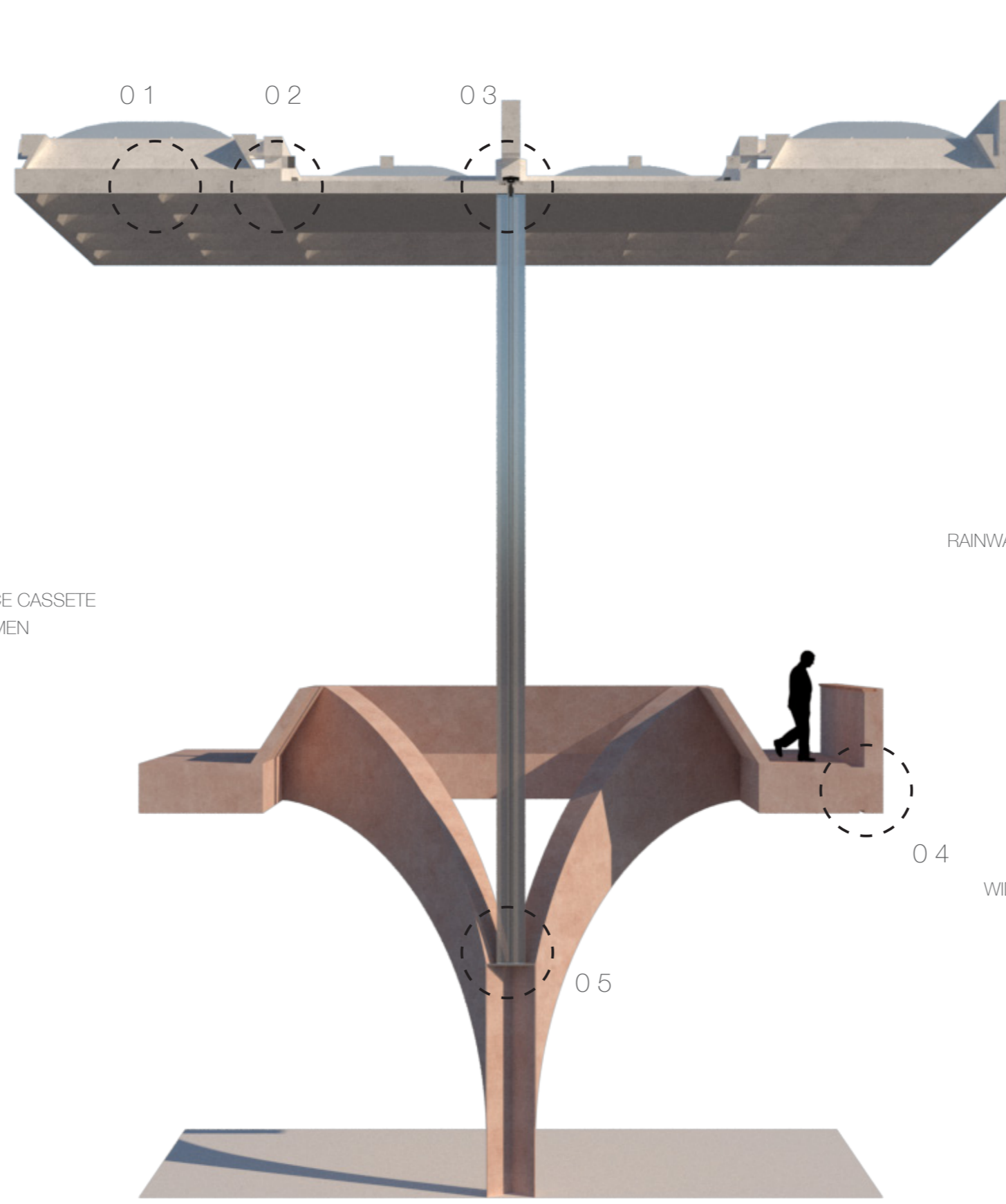
BUILDING FRAGMENT



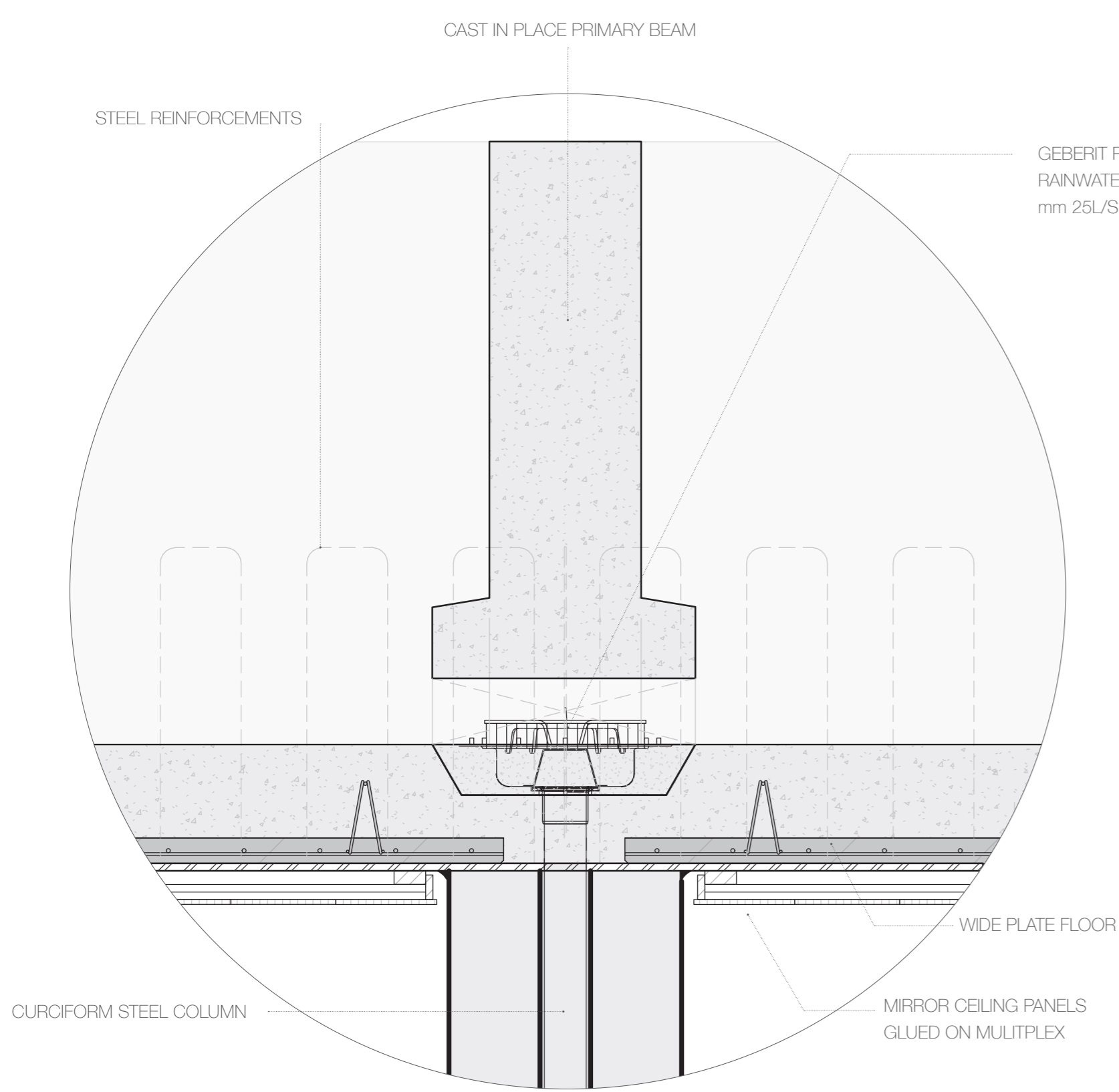
COLUMN COMBINATIONS



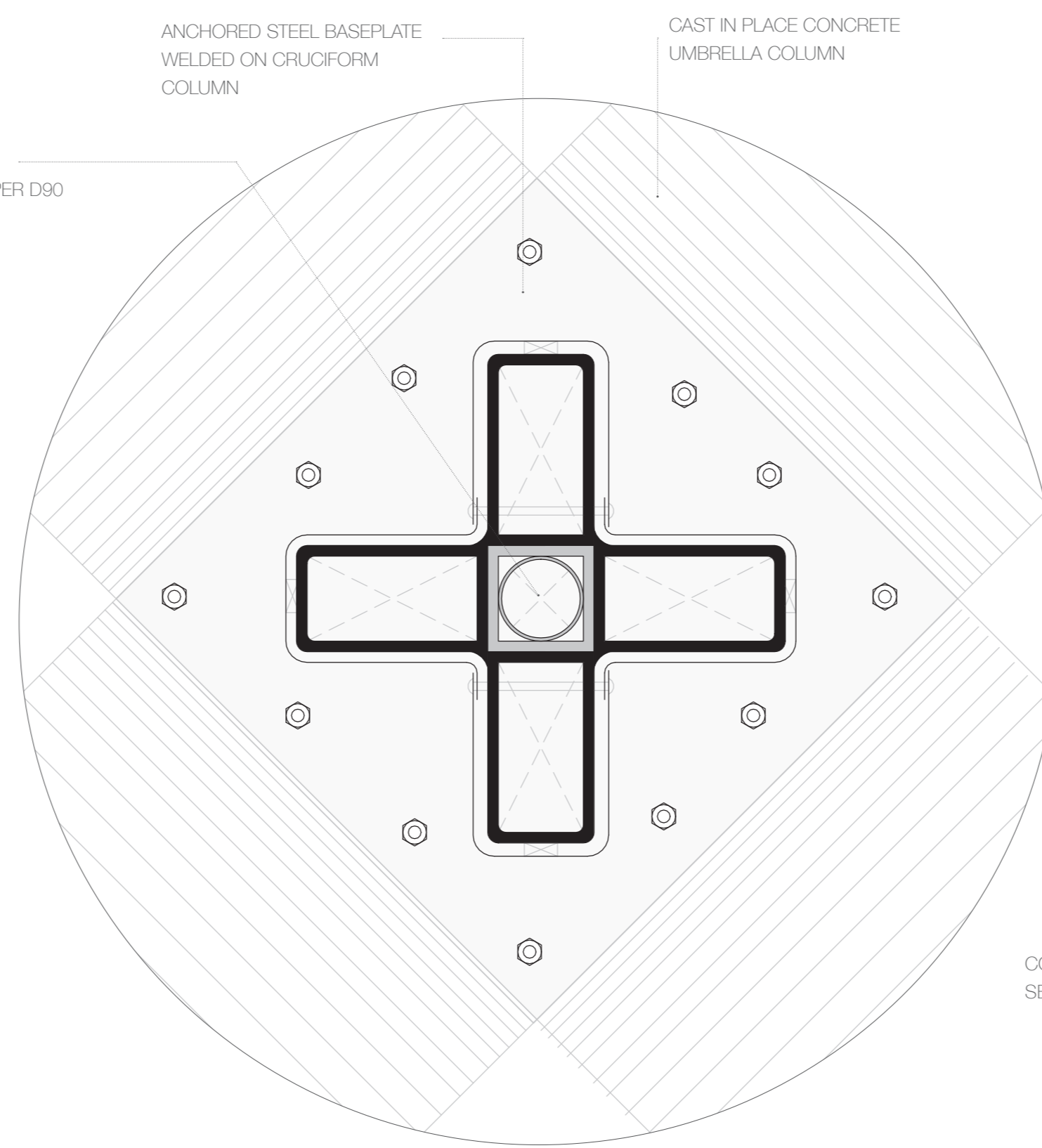
01 CASSETTE DETAIL | 1:10



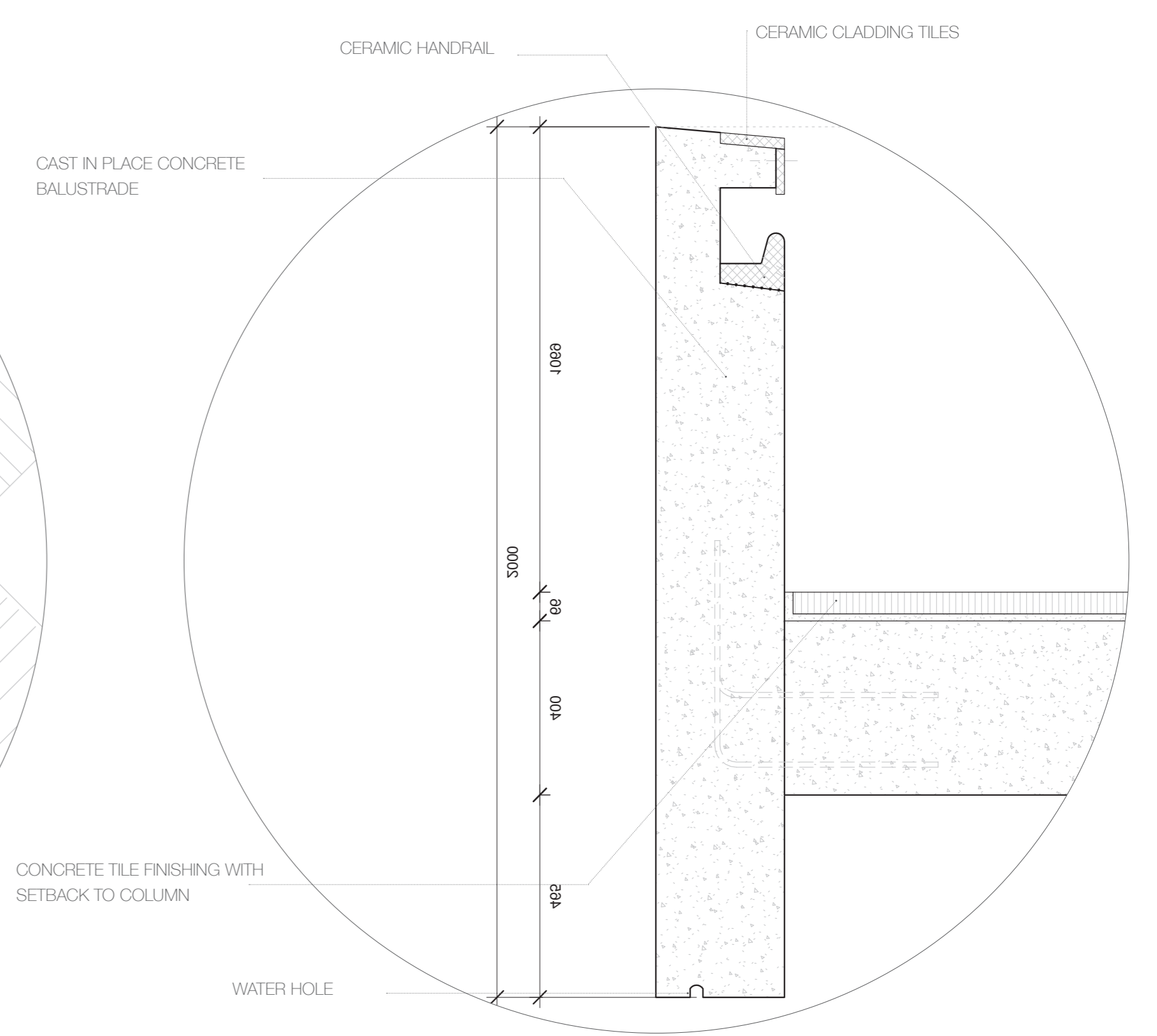
02 CASSETTE BASIN CONNECTION | 1:10



05 COLUMN & ROOF | 1:10

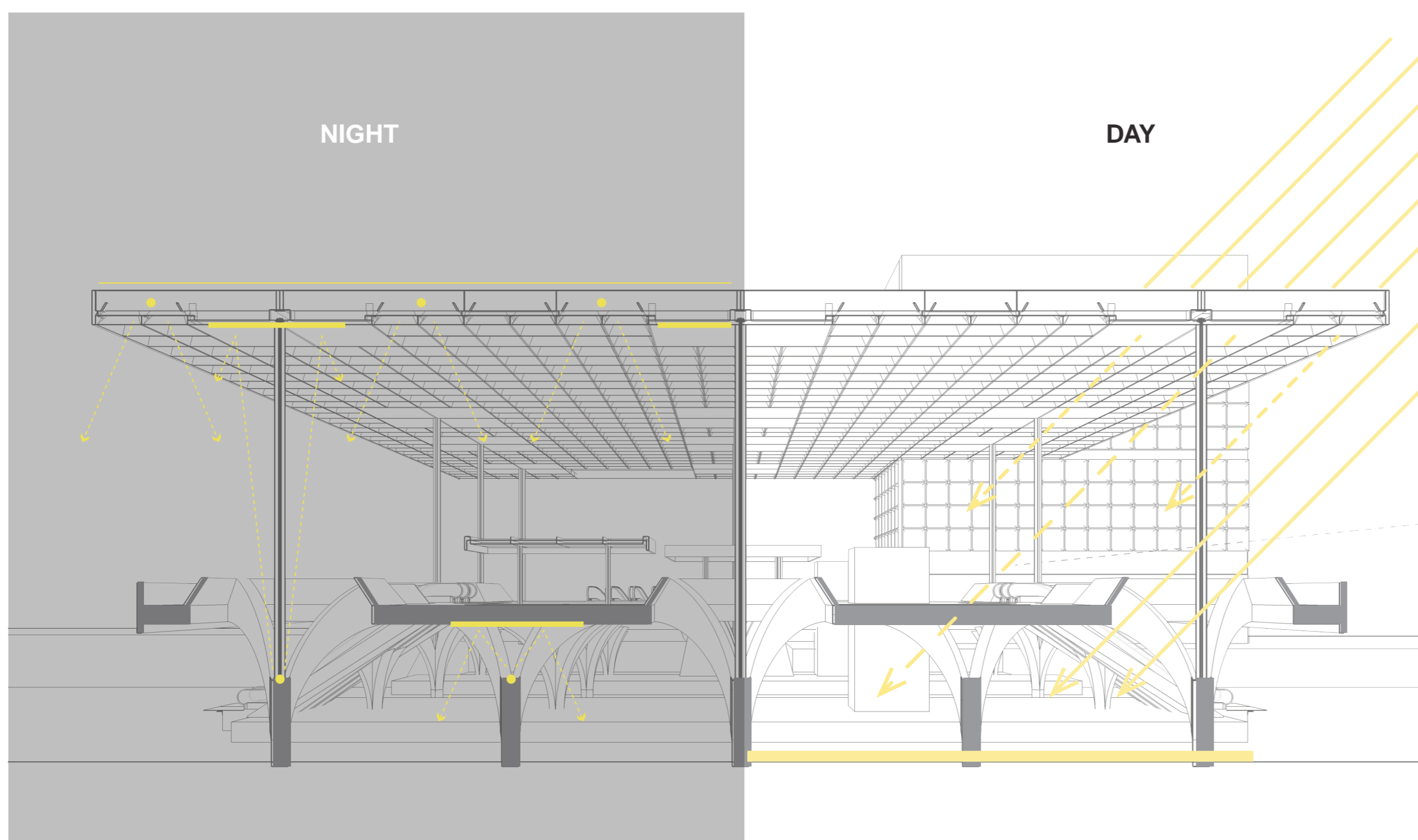


04 COLUMN CONNECTION | 1:5

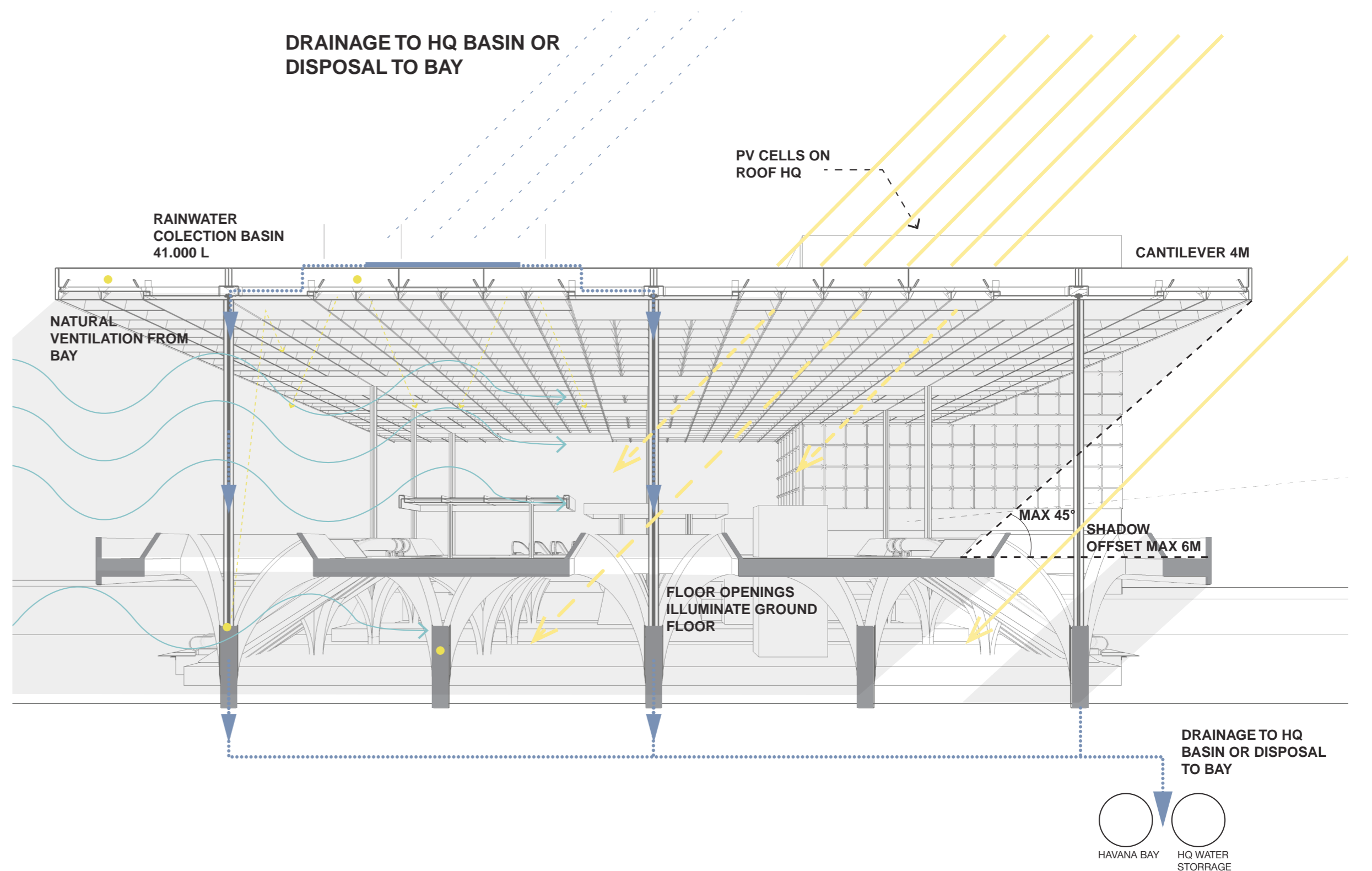


03 FLOOR & BALUSTRADE | 1:10

DETAILING



LIGHTING PRINCIPLE



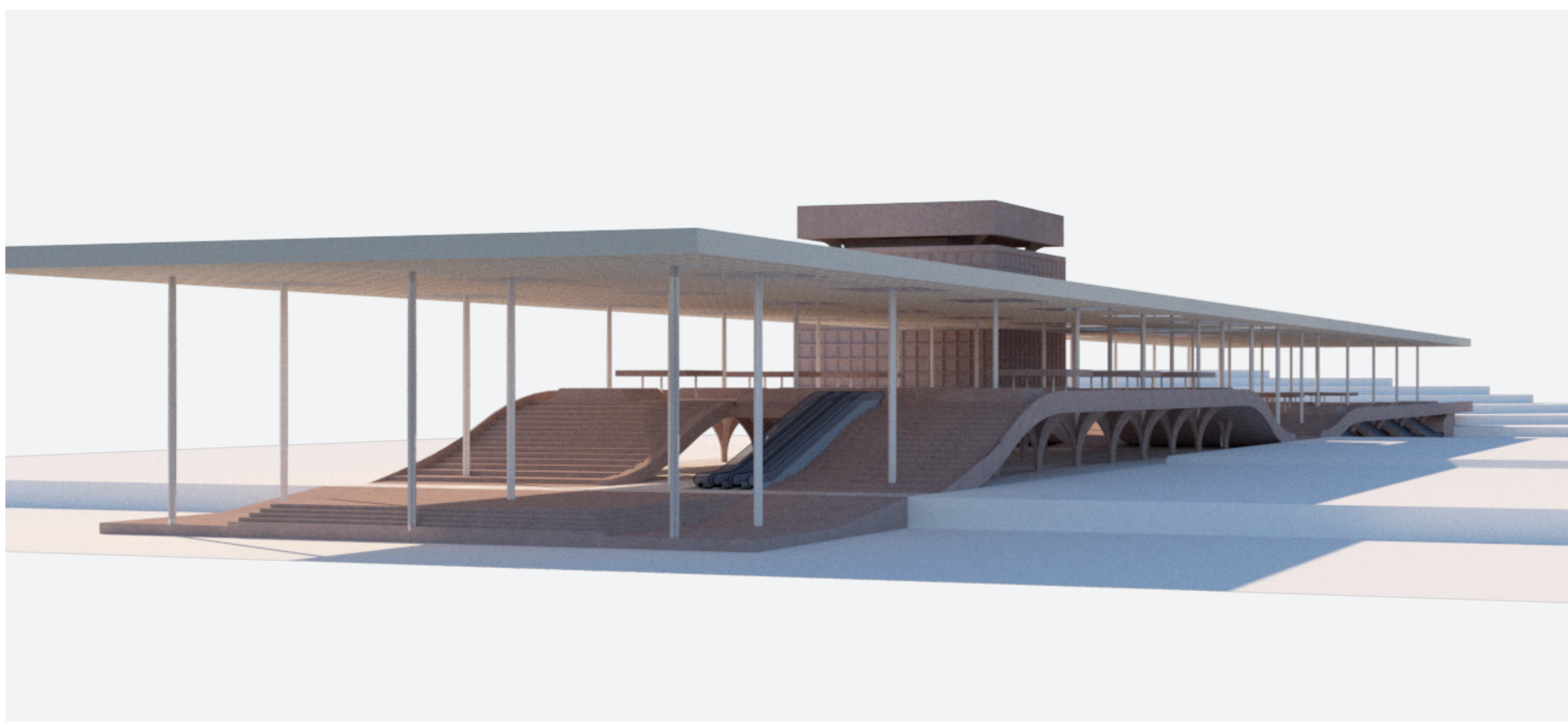
CLIMATE PRINCIPLE

CLIMATE PRINCIPLES

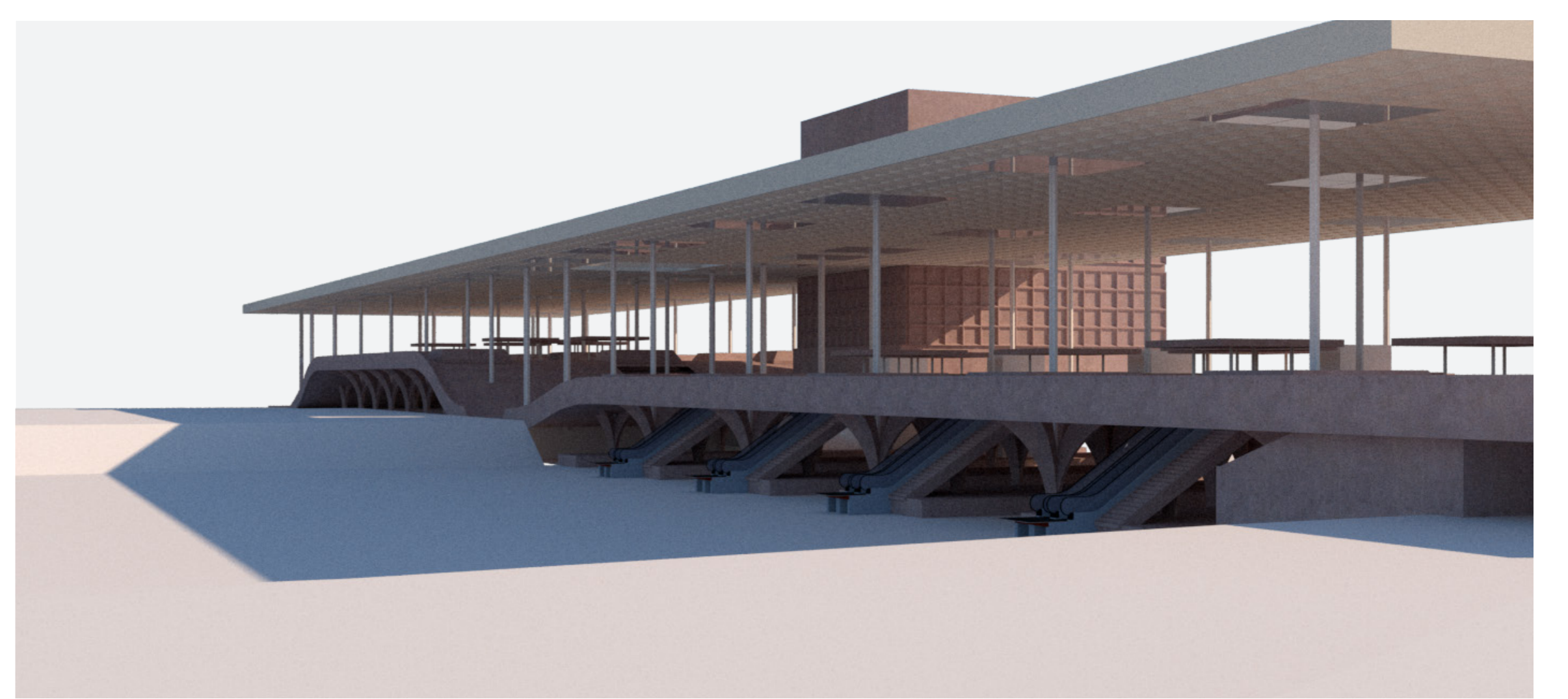


COLLAGE

FRAMING THE VIEW OF HAVANA ON ARRIVAL



VIEW FROM THE BAY



VIEW FROM ATARÉS PARK



BUS RAISED COMERCIAL AREA



TRAIN WAITING PLATFORMS

EXPRESSION