

HERITAGE & ARCHITECTURE GRADUATION STUDIO
PROPOSED DESIGN SANTOS, ROTTERDAM



P5 PRESENTATION, 25/01/2018

STUDENT HESTER SLAGER (4161831)
TUTORS A. DE RIDDER, F. KOOPMAN & S. STROUX

INTRODUCTION TO THE BUILDING

SURROUNDINGS // INTEGRATING SANTOS IN THE NEW URBAN FABRIC

FUNCTION // THE CREATIVE OFFICE

THE DESIGN PROPOSAL

INTERVENTION // THE ROOF

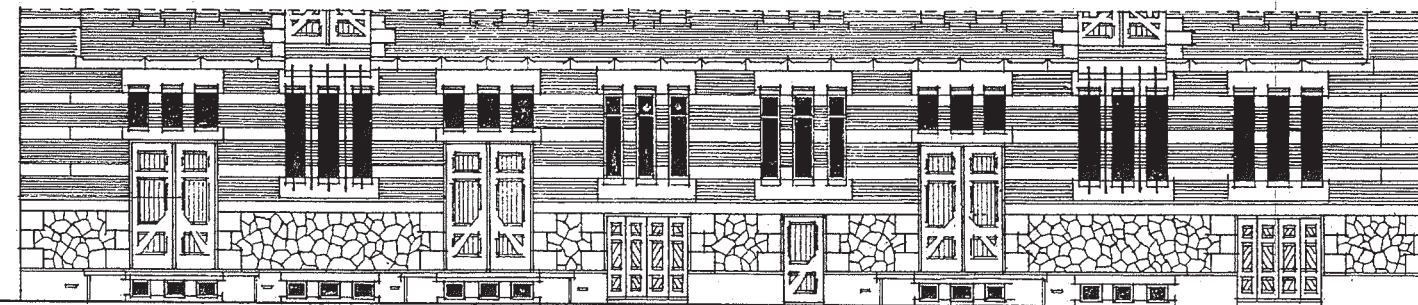
INTERVENTION // THE ATRIUM

CLIMATE // PLEASANT WORKING CONDITIONS

THE FACADE



GEVEL RYNHAVENZYDE



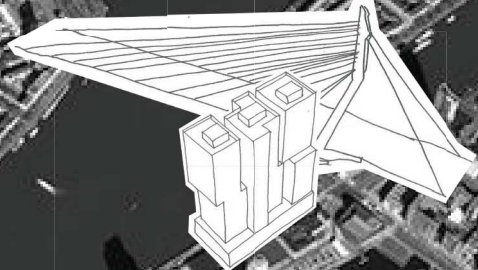
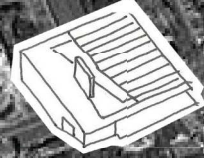
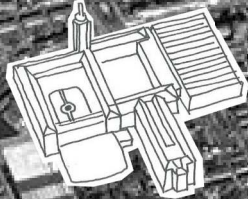
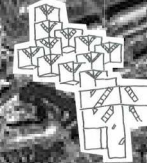
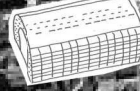
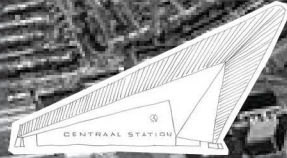
GEVEL BREEDDE HILLEDYKZYDE

SCHAAL 1:100

*J. J. Koster en
J. J. van der
Cluck.
July 1901.*

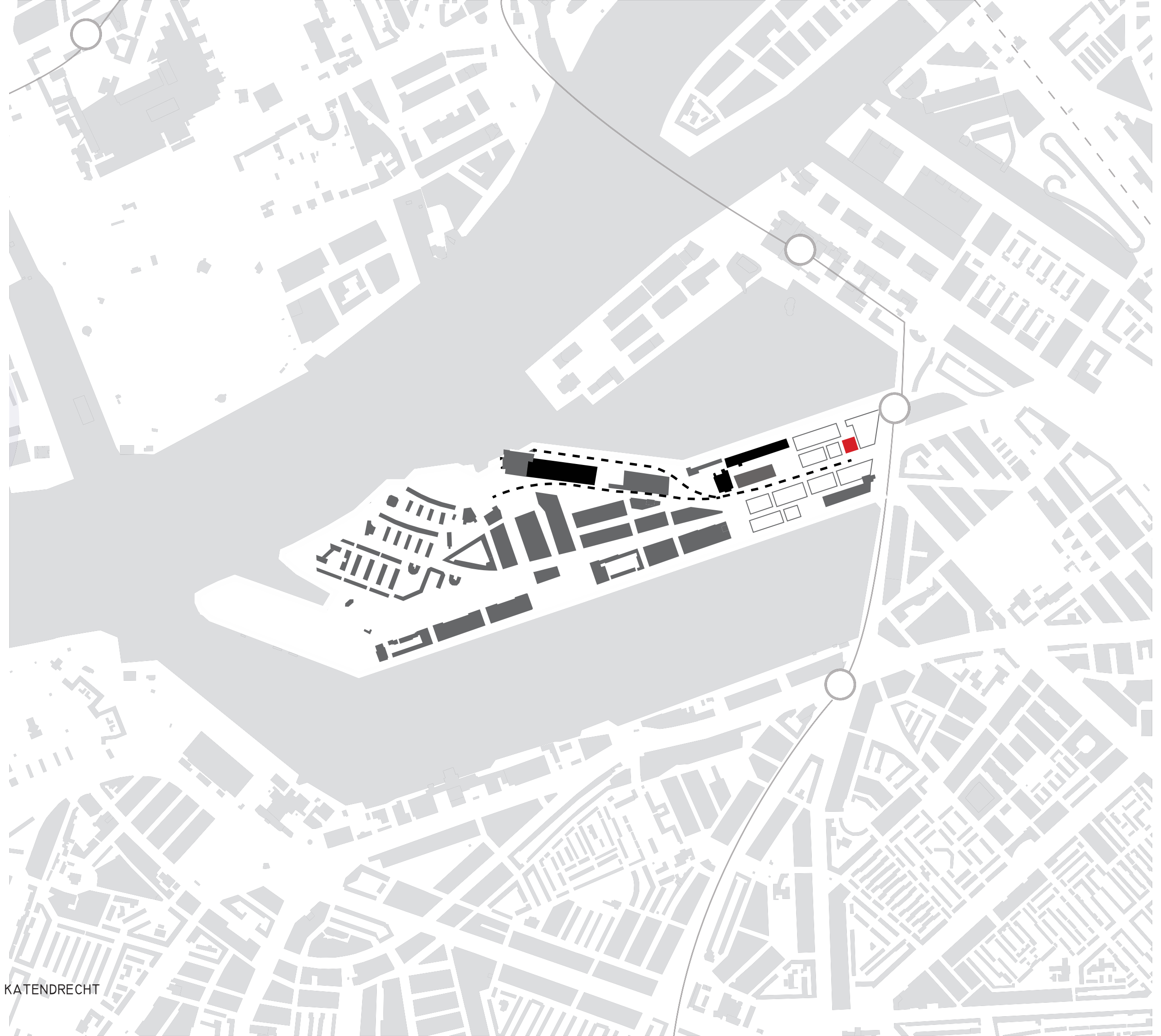
OPSLAGPAND 'SANTOS' VOOR DE NAAMLOOZE VENNOOTSCHAP 'BLAAUWHOEDENVEEM'





SAN
TOS





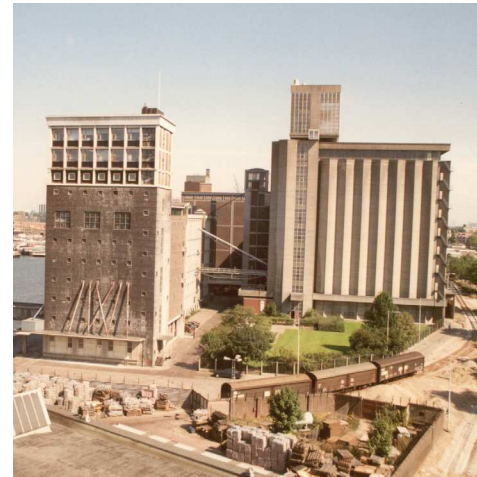




FENIX II



TRAIN TRACKS



CODRICO

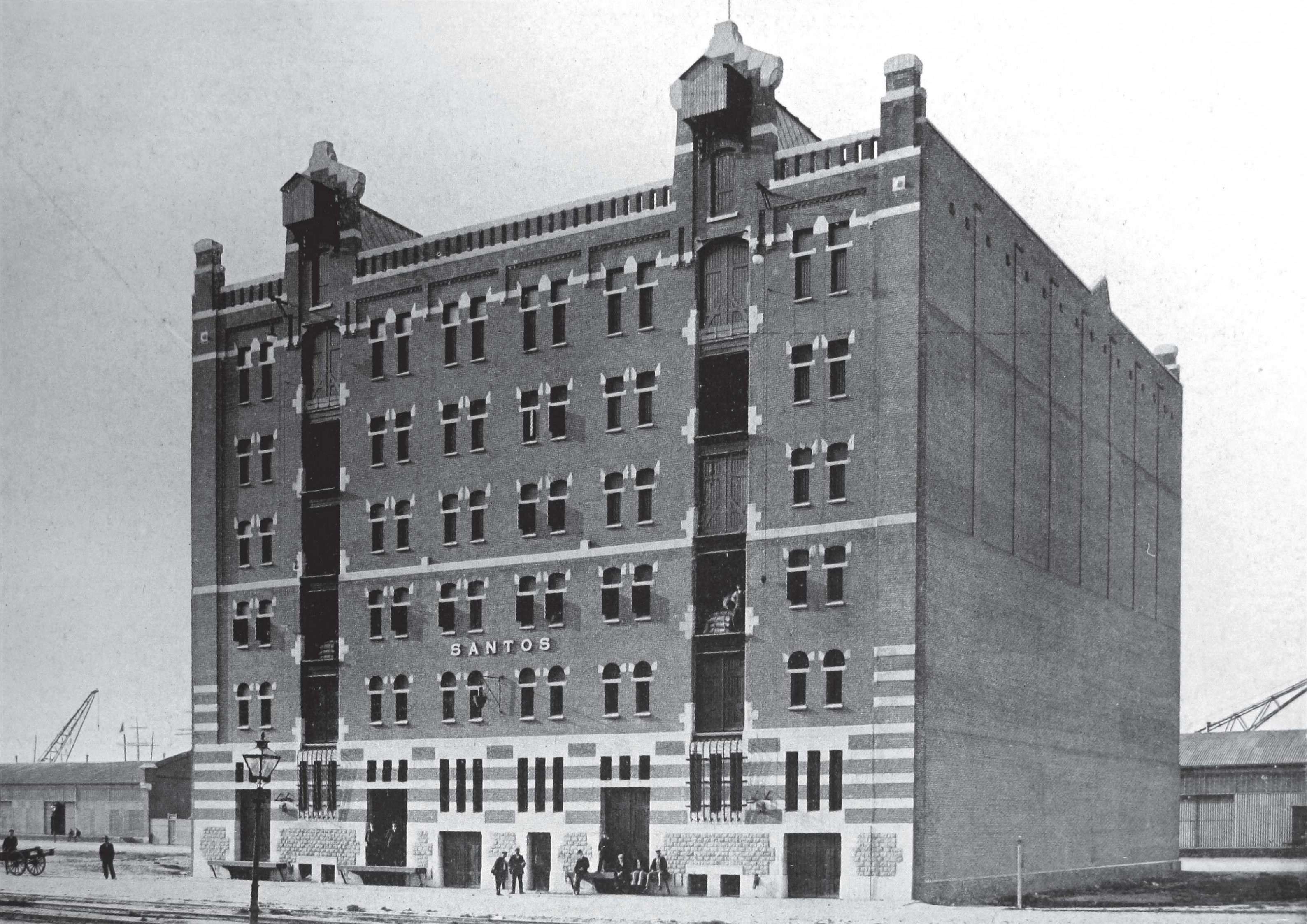


SANTOS

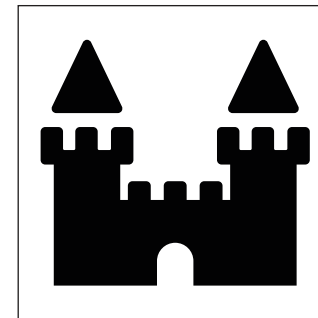
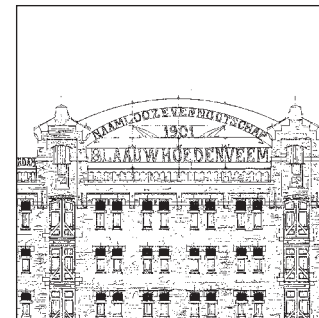
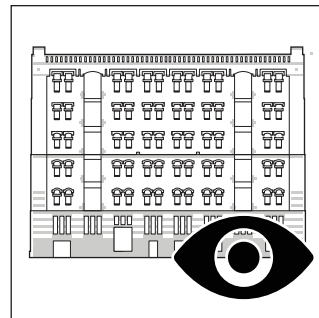
SURROUNDINGS

SANTOS AS A CLUE TO THE HISTORIC PAST

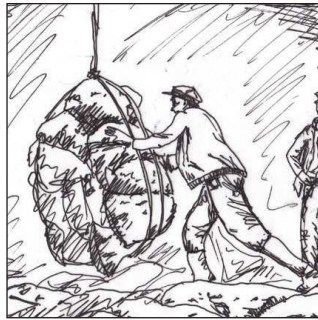




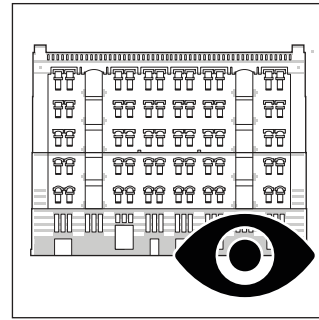
SANTOS



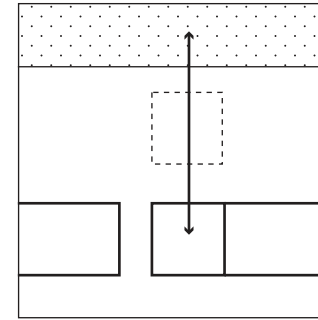
"YOUR COFFEE WILL BE SAFE HERE"



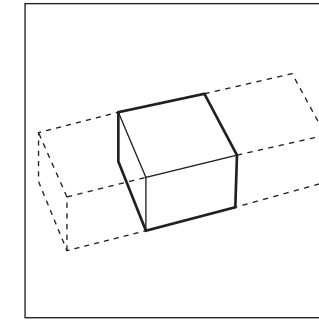
industrial past



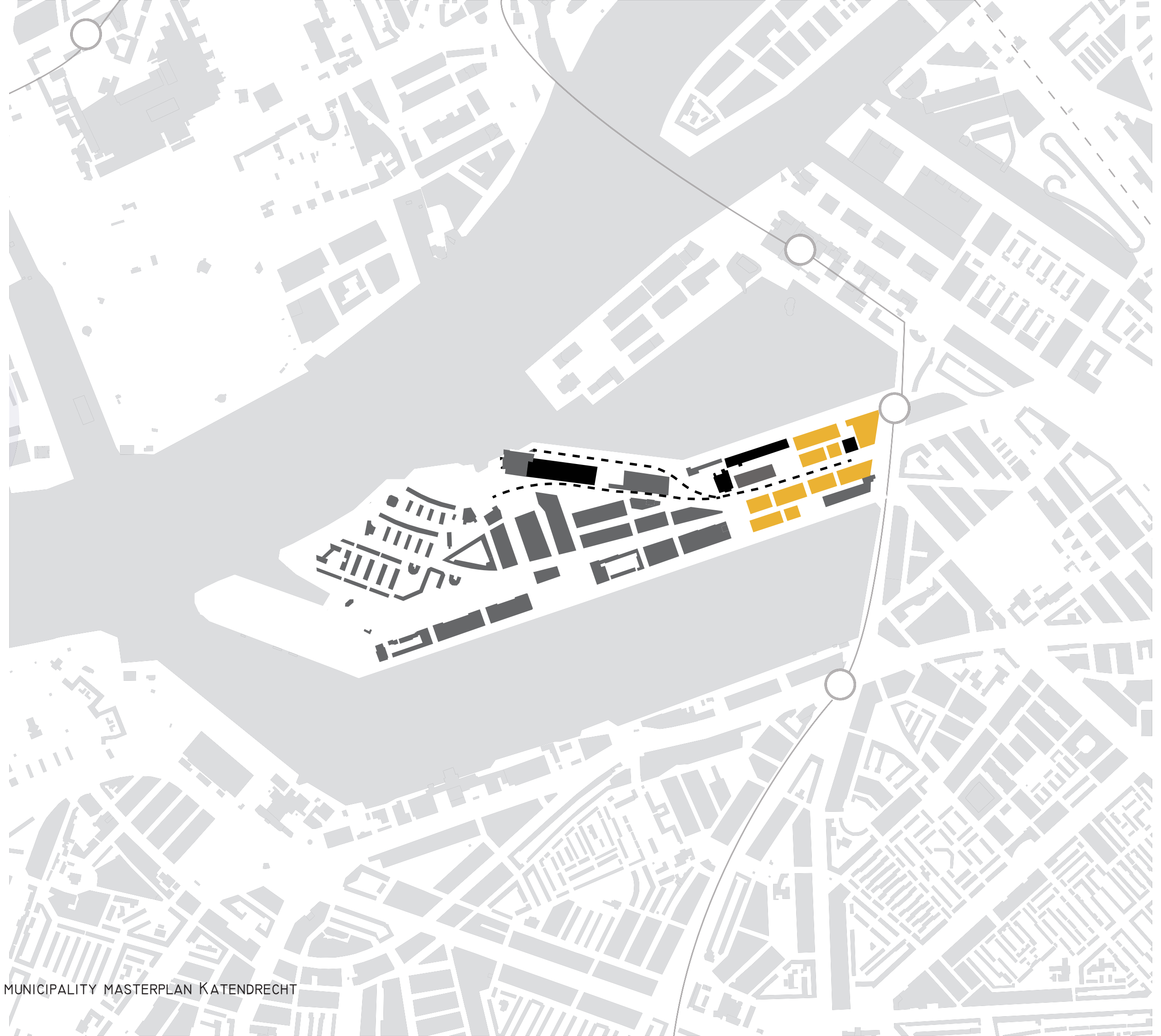
recognizable



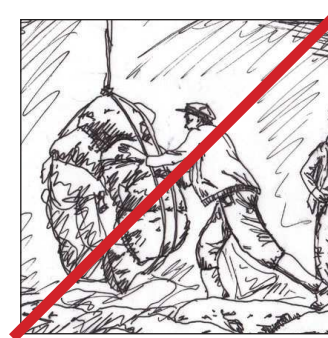
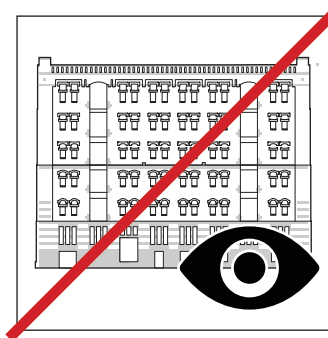
**historic relation
with the water**



**intended to be one
in a row**

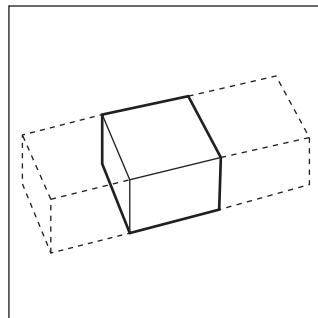


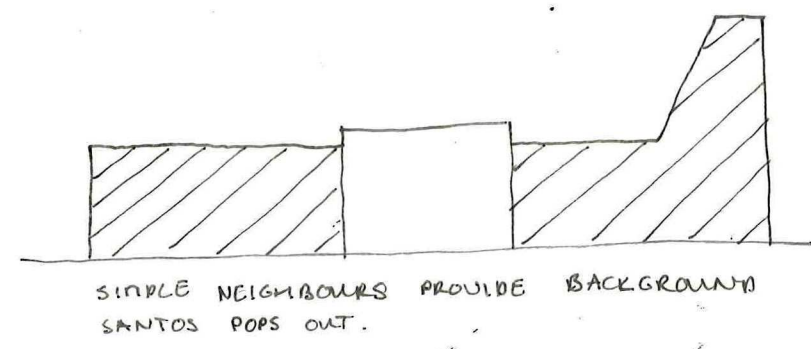
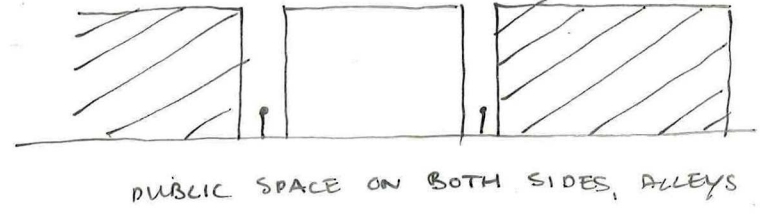
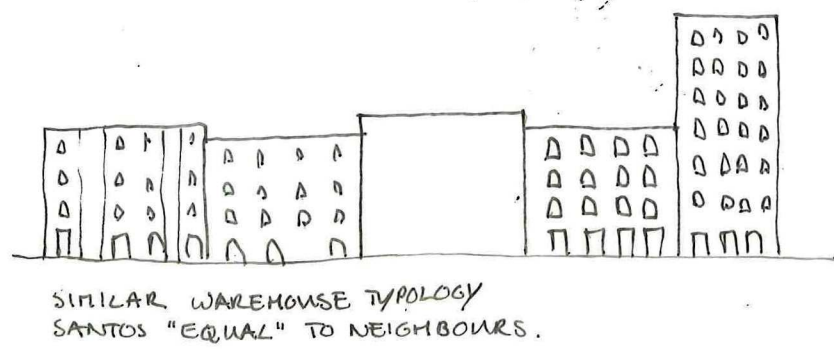
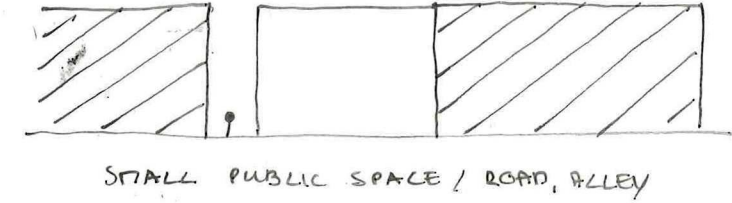
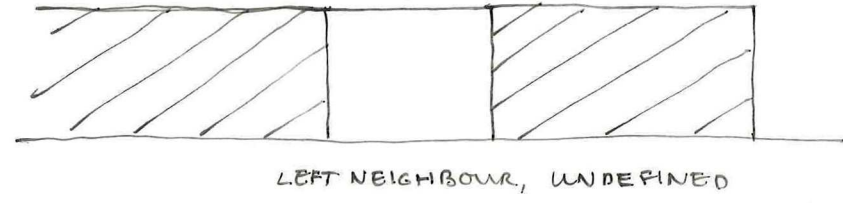
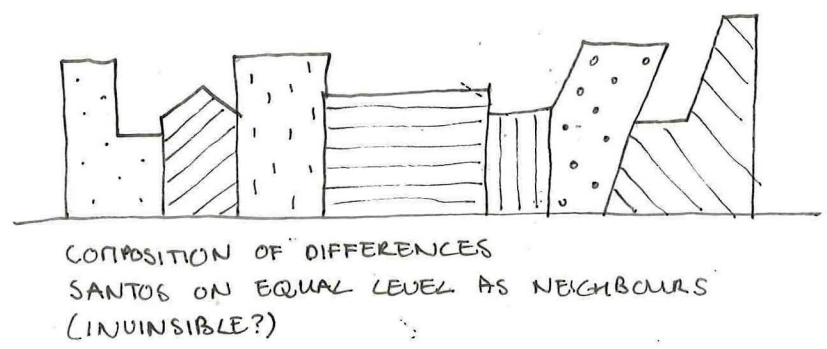
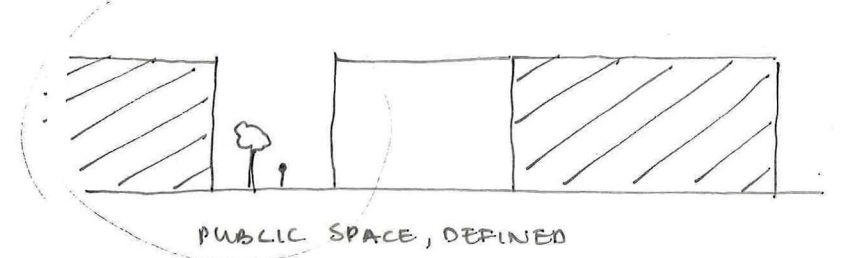
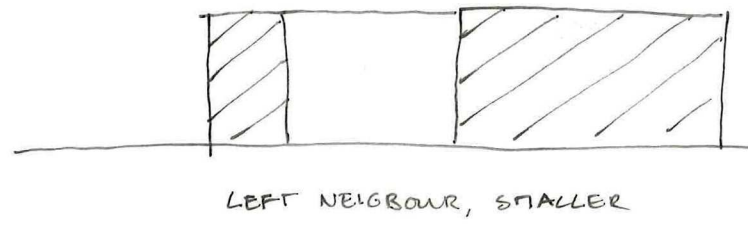
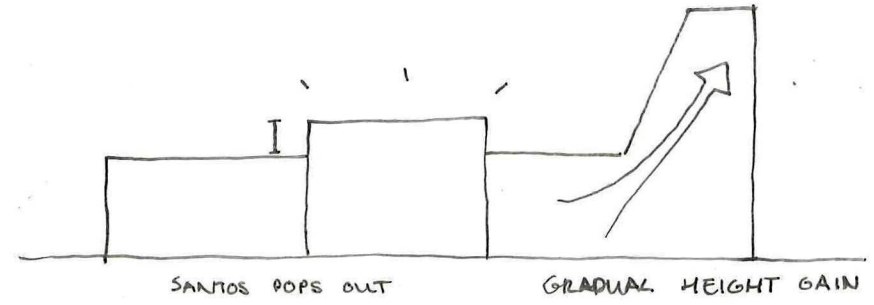
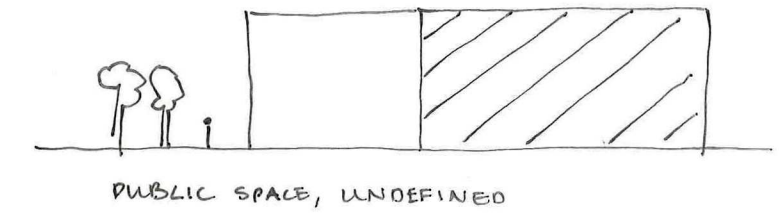
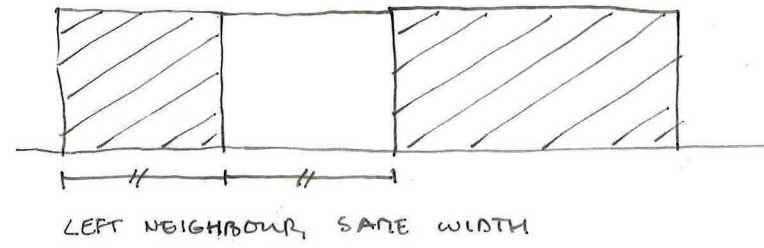
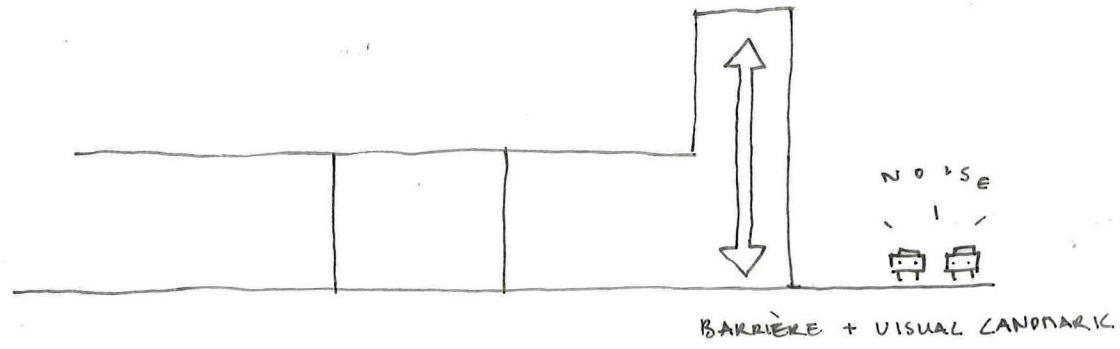




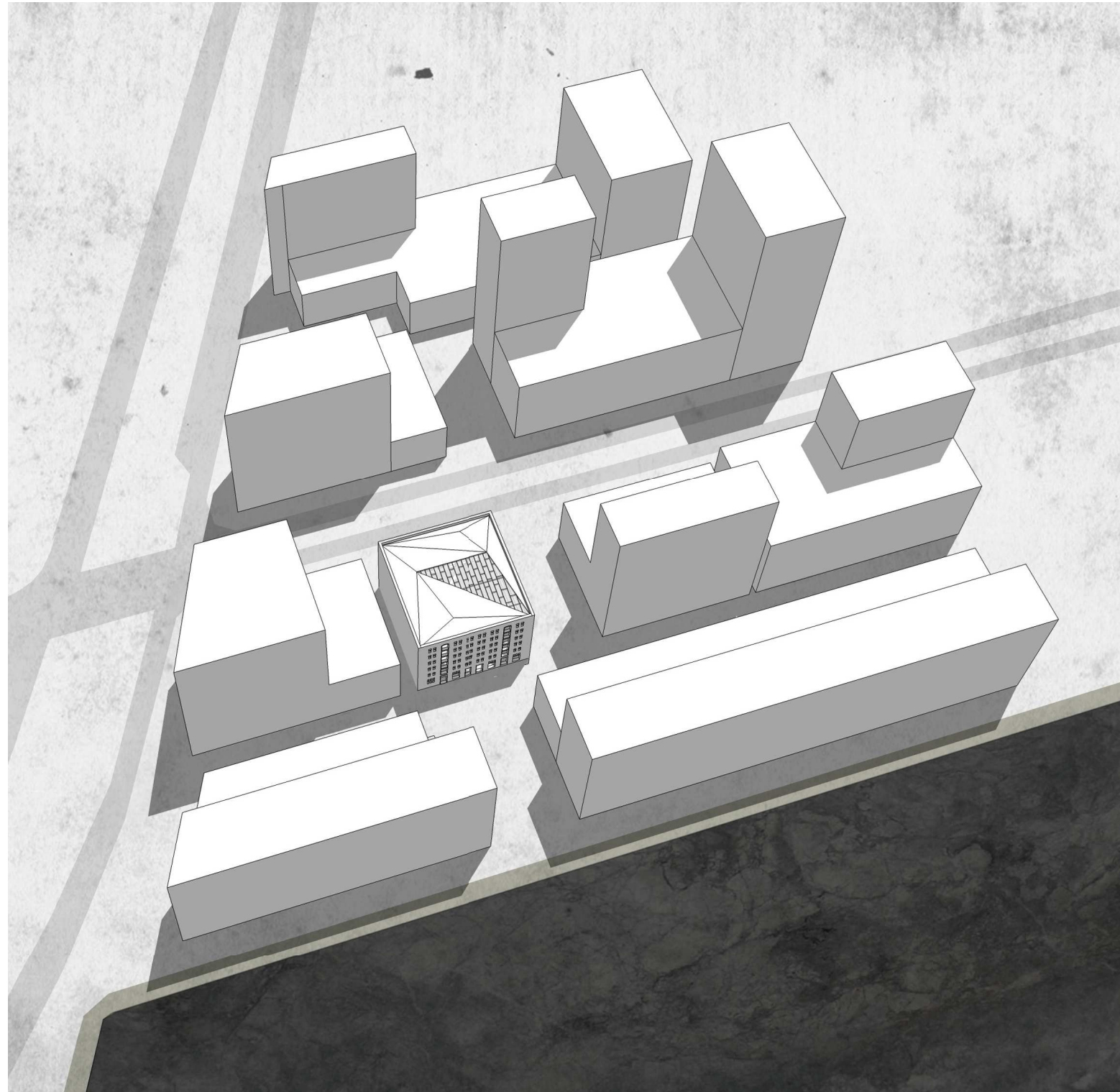
SURROUNDINGS CHALLENGE

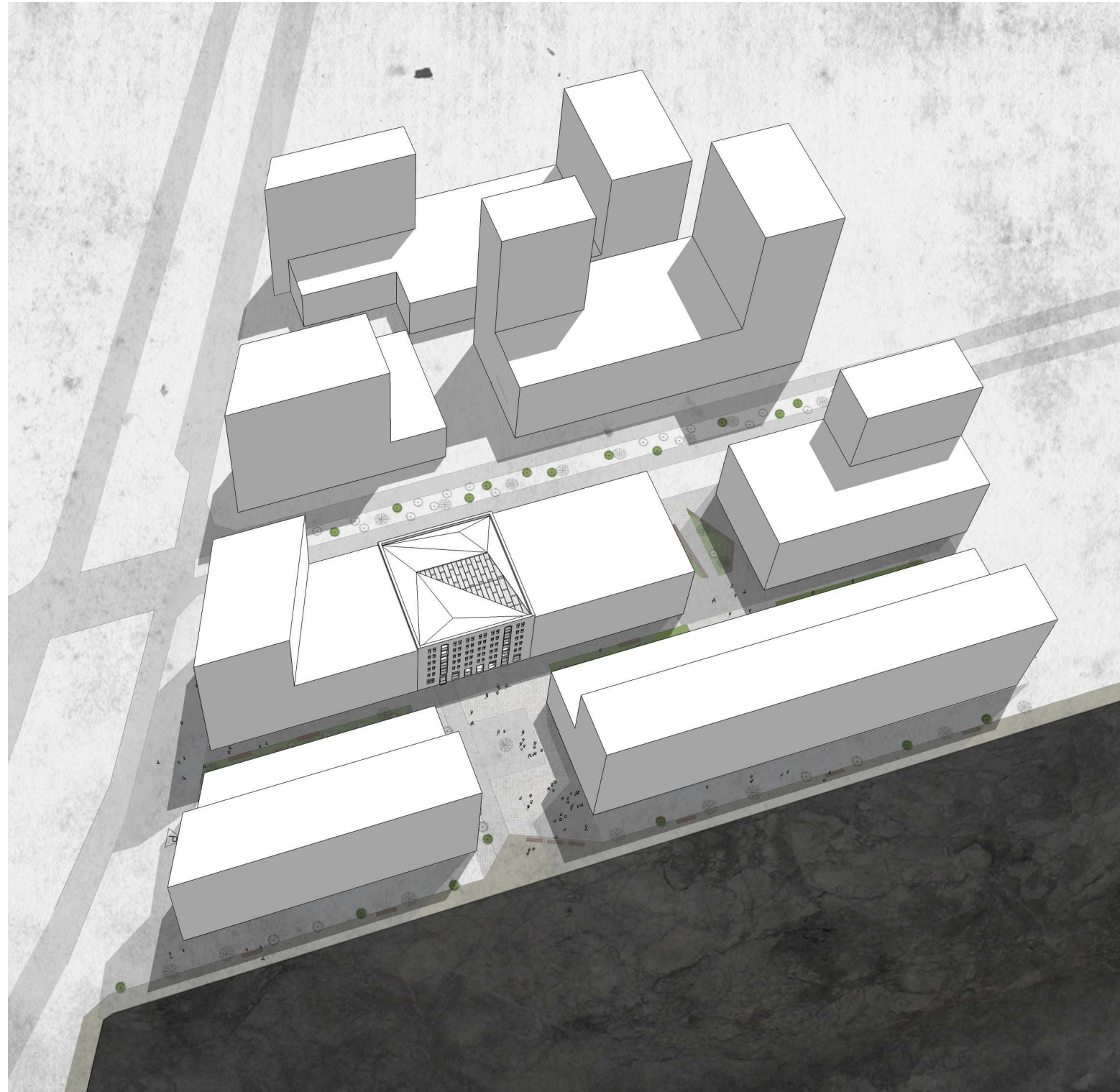
INTEGRATE SANTOS IN THE NEW URBAN TISSUE





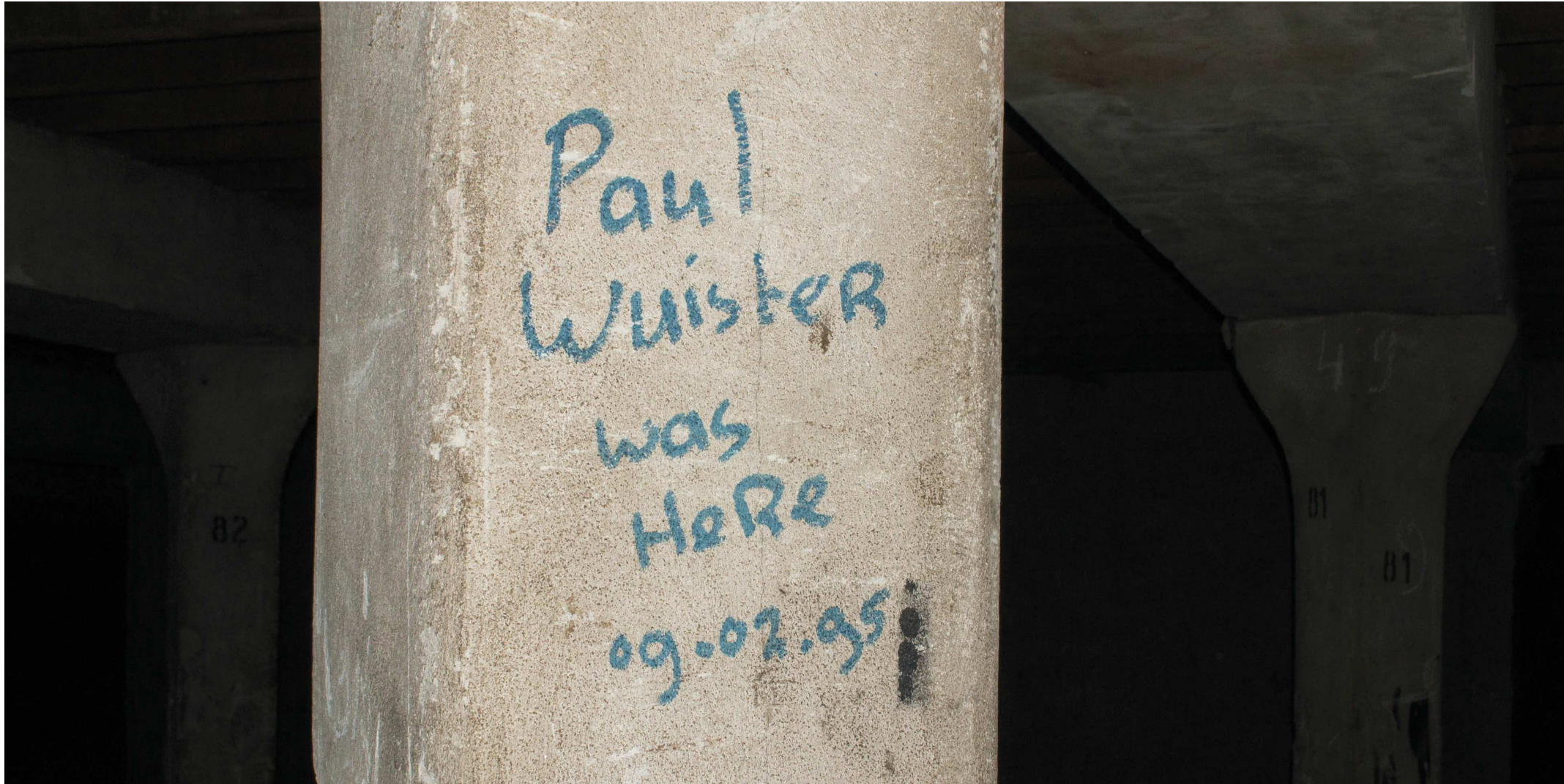








DIRECT SURROUNDINGS: MASTERPLAN 1:500



1903	IN USE AS COFFEE STORAGE
1939-45	USED AS MUNITION STORAGE
1954-59	RENTED TO KONINKLIJKE LANDMACHT
1959-75	RENTED OUT UNSUCCESSFULLY
2000	LISTED AS A RIJKSMONUMENT
2003	REGISTERED AS A MONUMENT
2009	3TH FLOOR USED AS AN OFFICE



SANTOS

1273

NR

NR

NR

NR

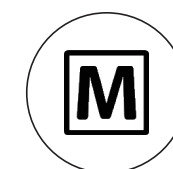
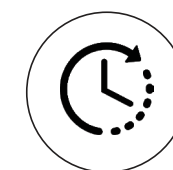
STARFIX

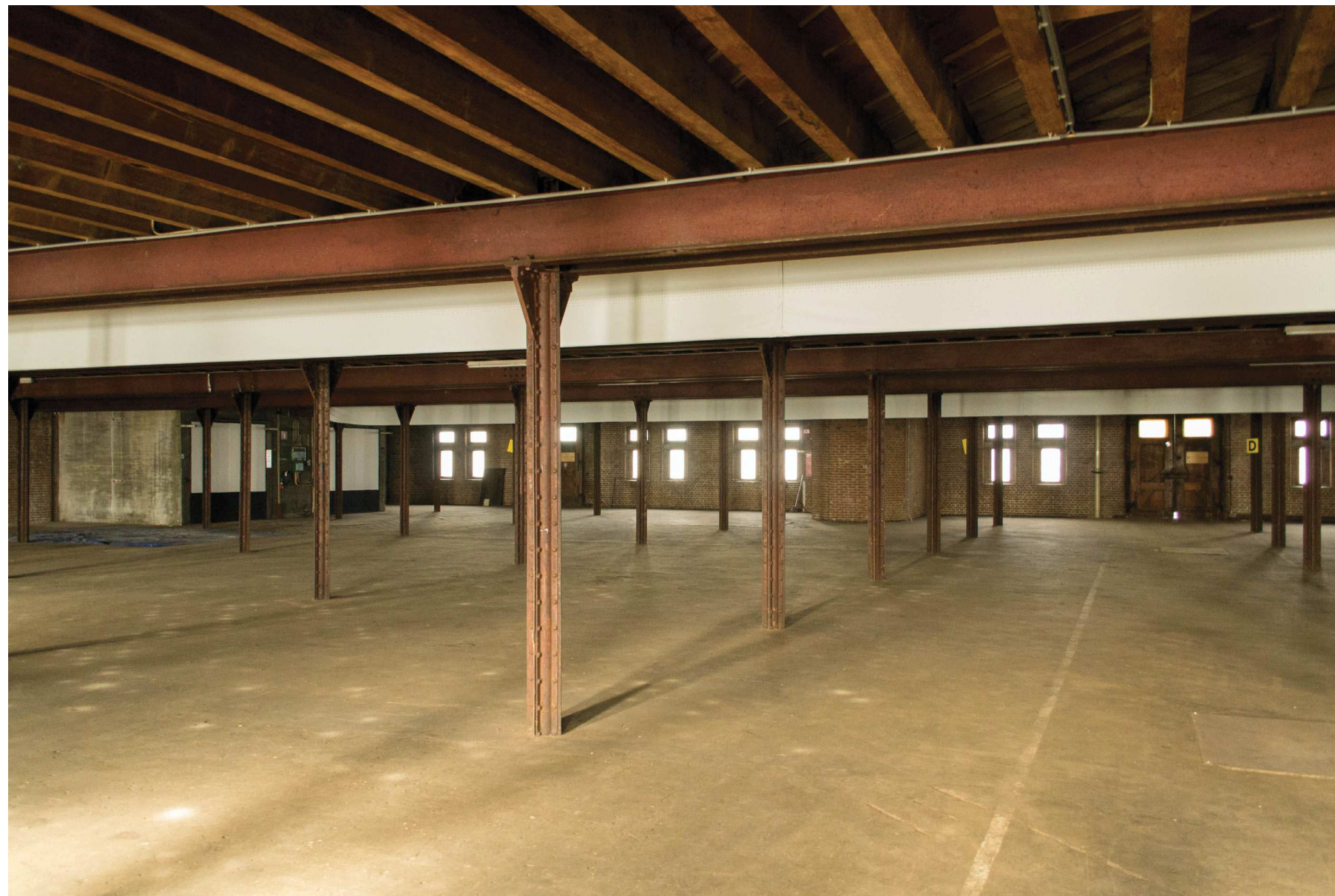
NEW FUNCTION

THE CREATIVE OFFICE

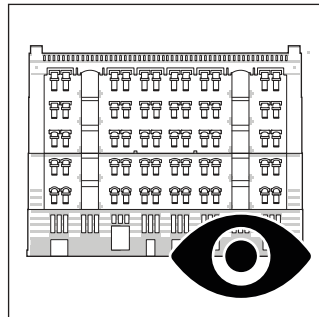
+ SANTOS AS AN OFFICE



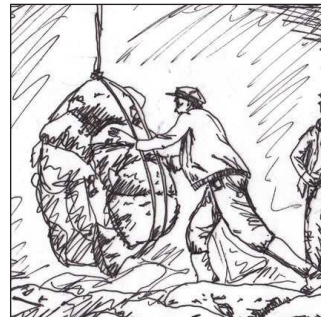




+ SANTOS AS AN OFFICE



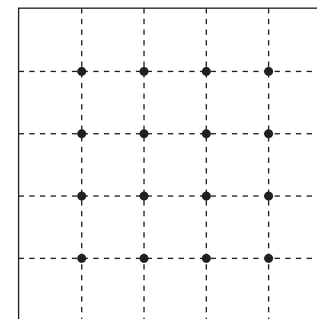
MONUMENTAL
FACADES



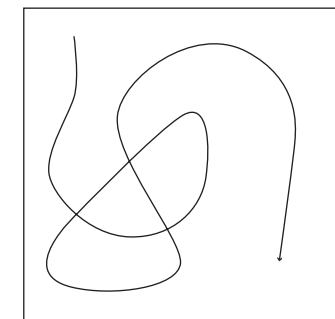
HISTORICALLY A
WORKING BUILDING



LOCATION



GRID



OPEN FLOORPLAN

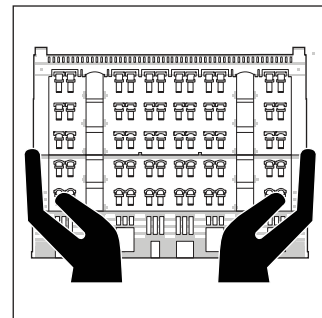
- SANTOS AS AN OFFICE



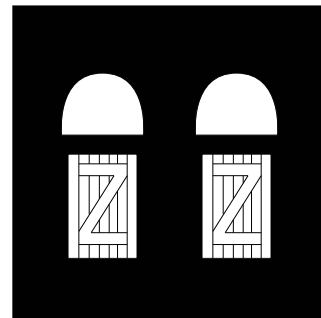




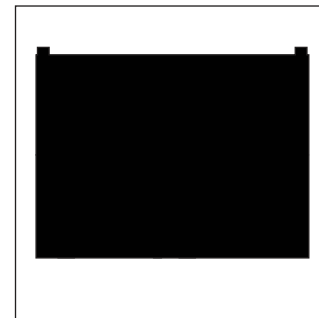
- SANTOS AS AN OFFICE



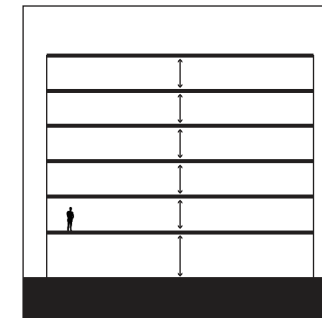
MONUMENTAL
FACADES



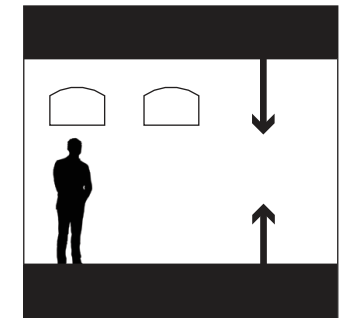
SMALL, PARTIALLY
CLOSED WINDOWS



BLIND FACADES



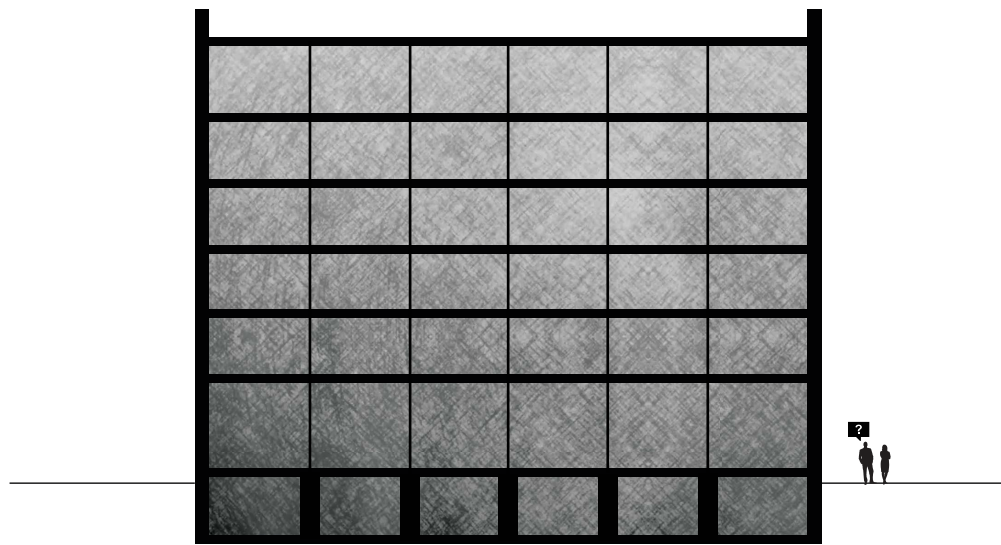
NO VERTICAL
CONNECTION



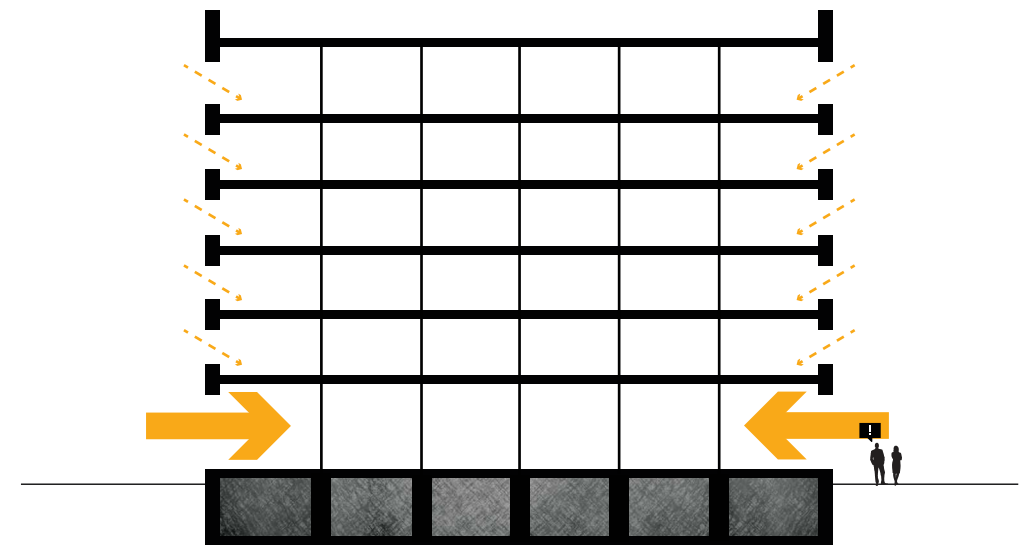
INTROVERT FEELING

DESIGN CHALLENGE

FROM STORING COFFEE TO STORING PEOPLE



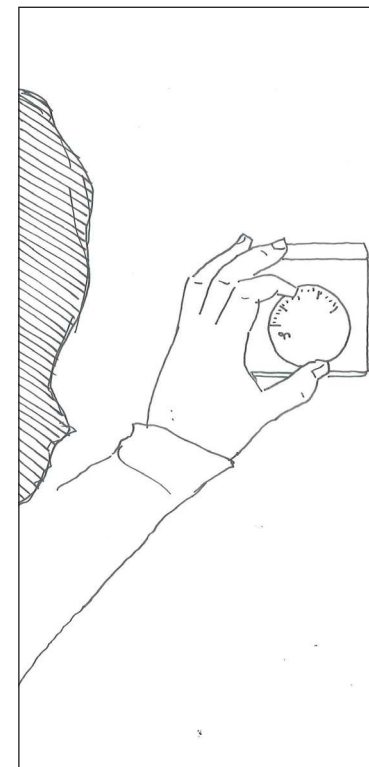
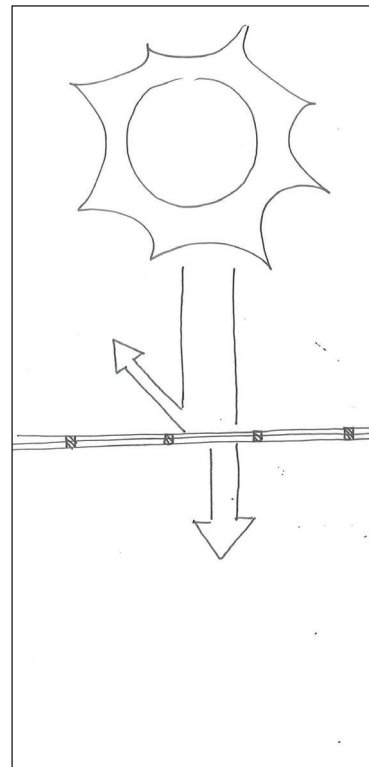
DARK, INTROVERT & CLOSED WAREHOUSE
IDEAL FOR STORING COFFEE



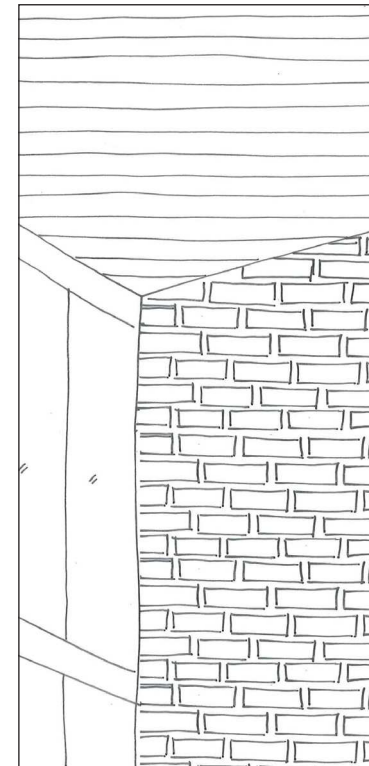
LIGHT & INVITING OFFICE WITH PLEASANT
WORKING CONDITIONS



CONFIGURATION
PROMOTE GROUP-WORK
INDIVIDUAL, PRIVATE WORKSPACES
MIXED USE



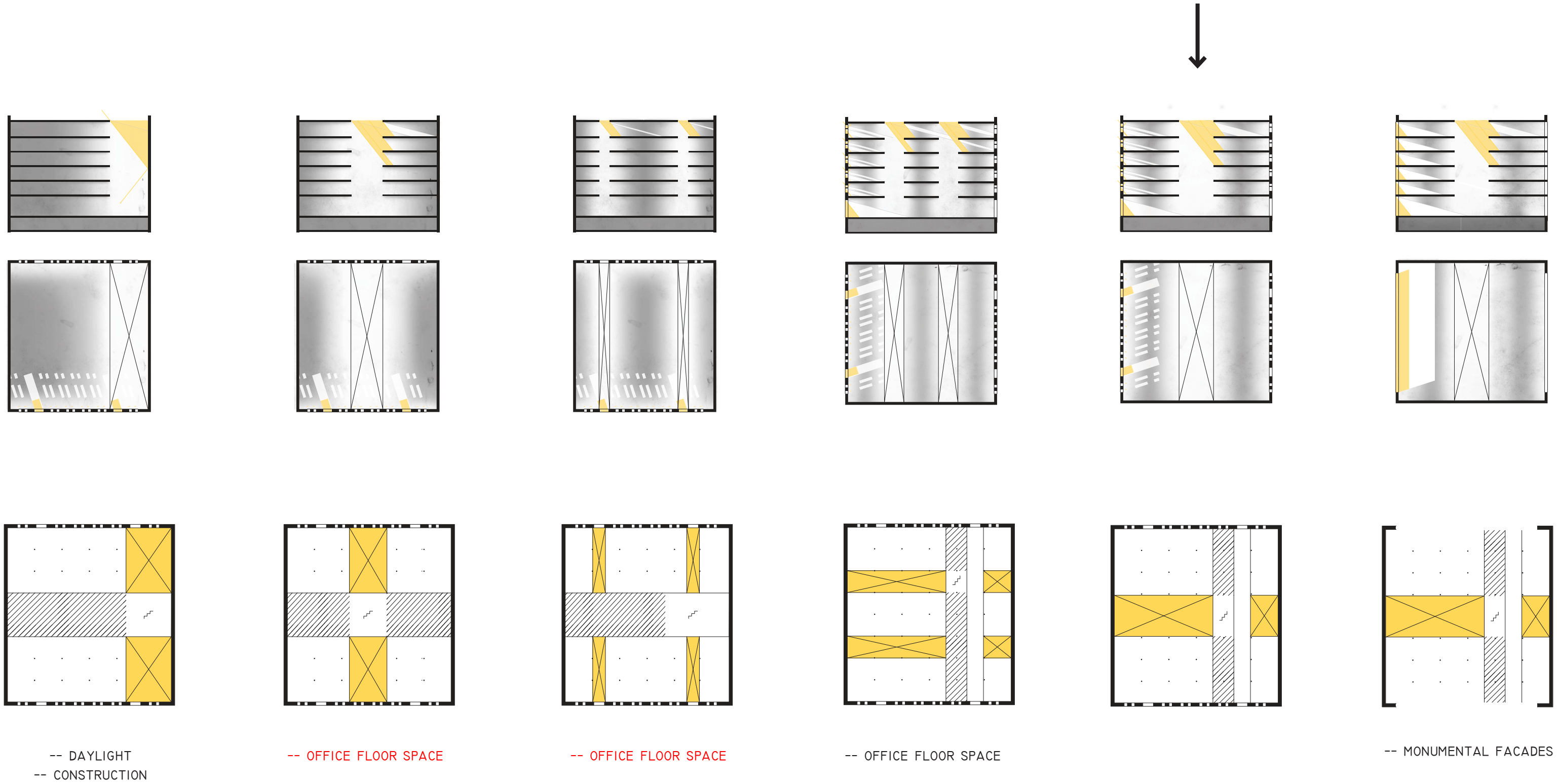
CLIMATE
DAYLIGHT YET NO SOLAR GAIN
ACOUSTICS
CONTROLABILITY

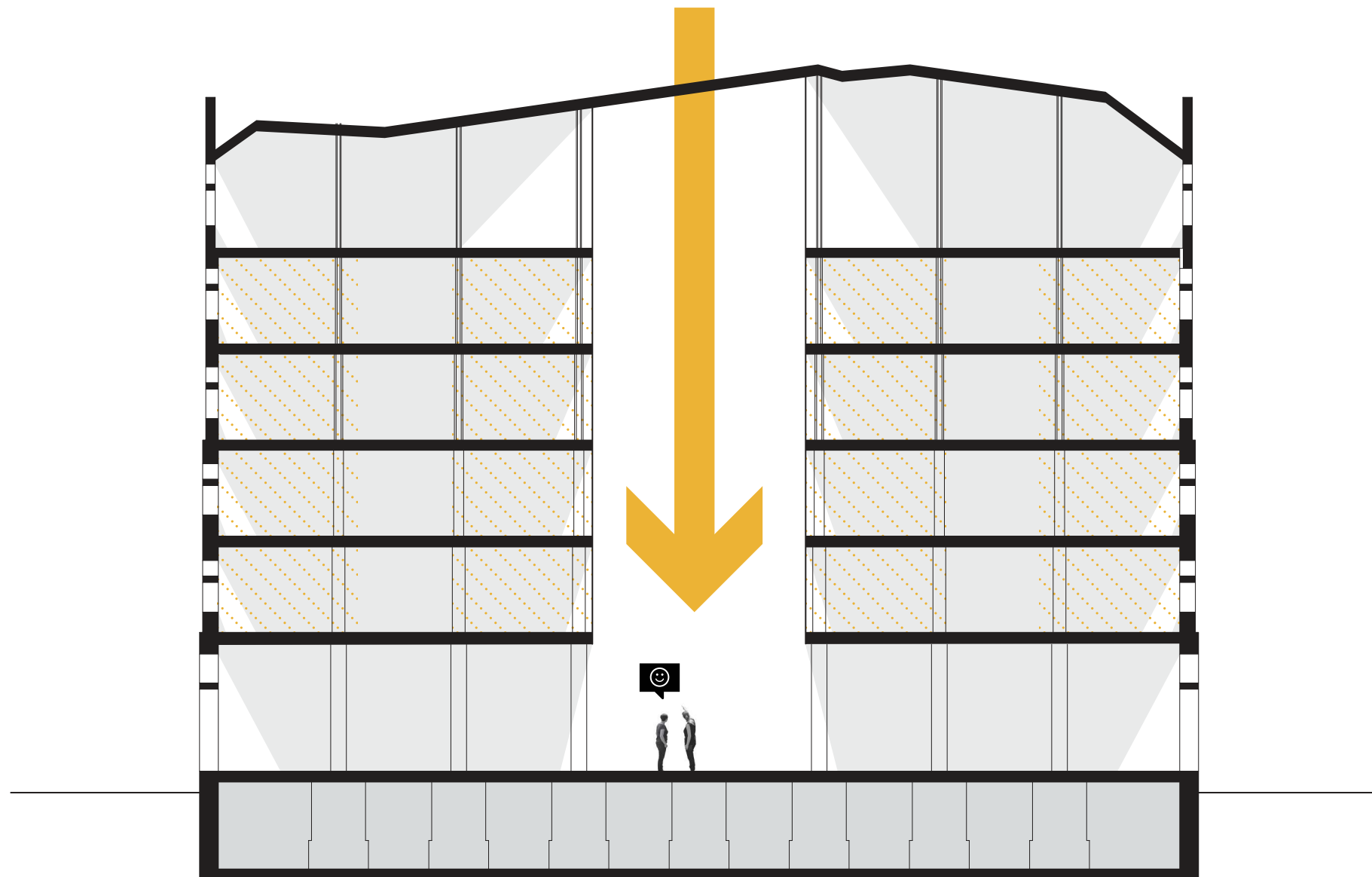


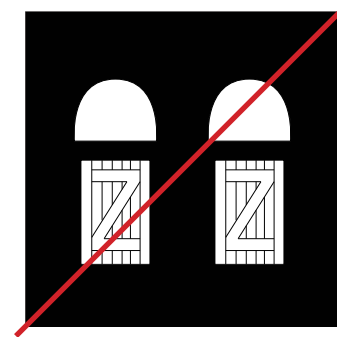
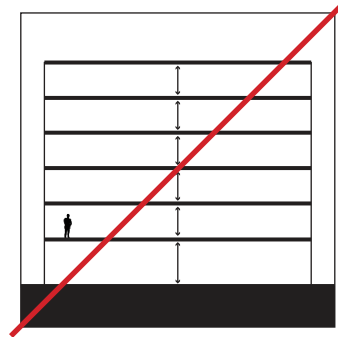
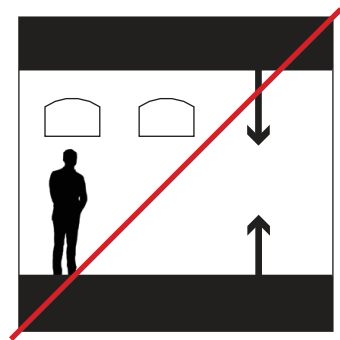
MATERIALIZATION
CONTRAST FOR THE SENSES TO REACT TO

DAYLIGHT

FROM CLOSED AND DARK TO OPEN AND INVITING

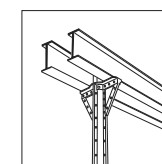


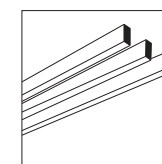


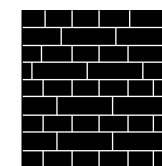


DESIGN CHALLENGE

RETAIN INDUSTRIAL SPIRIT WITHOUT THE DARK CHARACTER

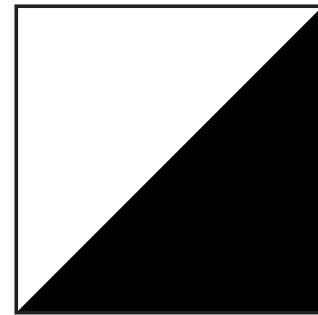
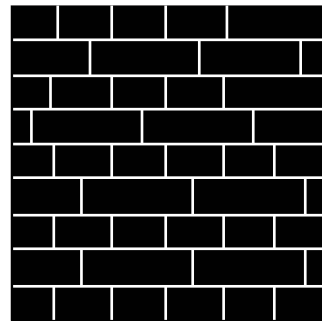
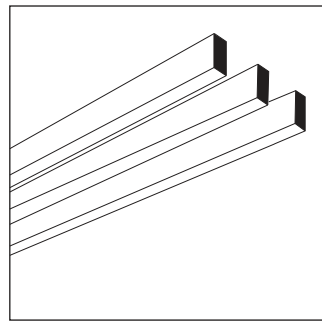
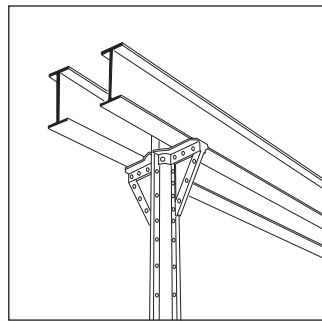


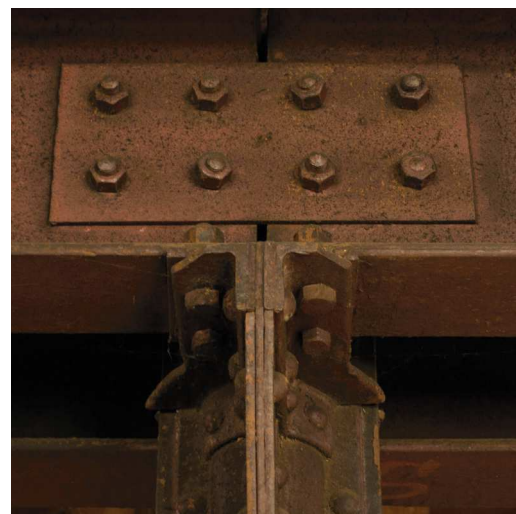
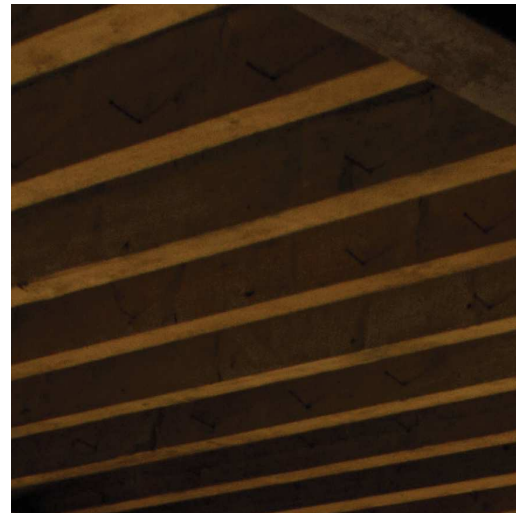
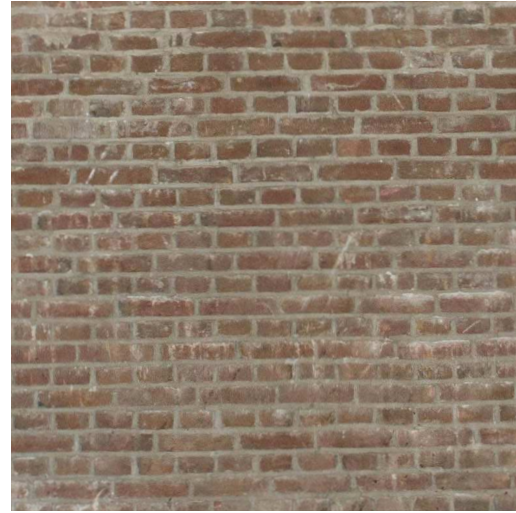




MATERIALIZATION

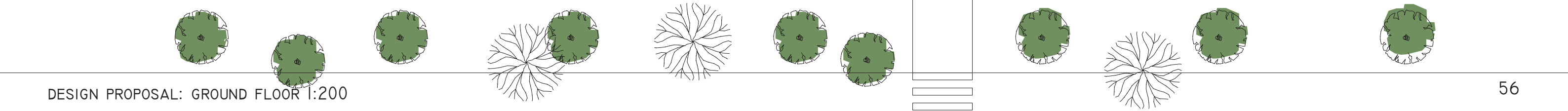
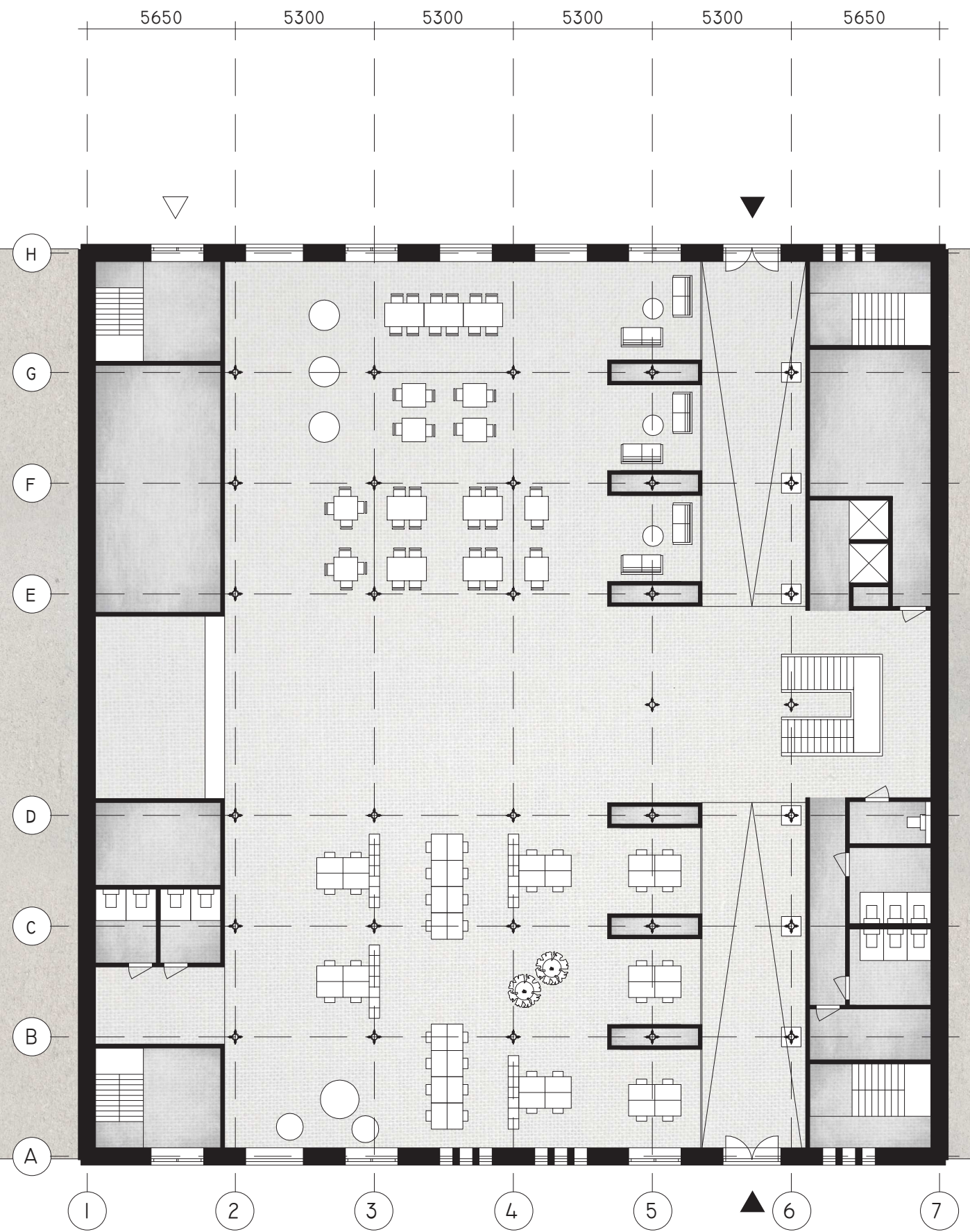
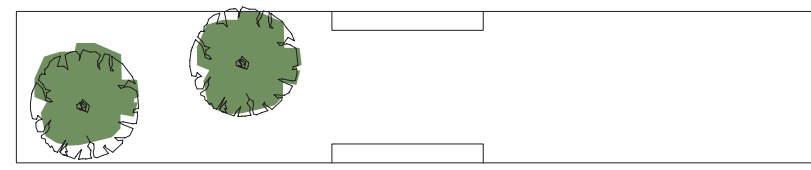
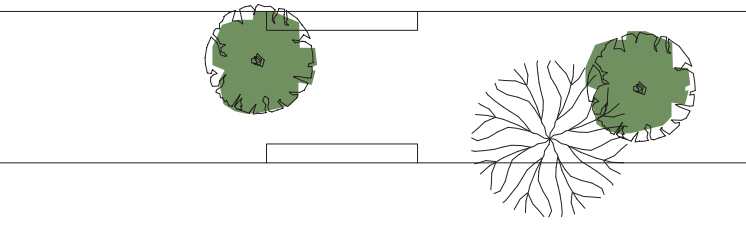
CONTRAST





THE DESIGN PROPOSAL





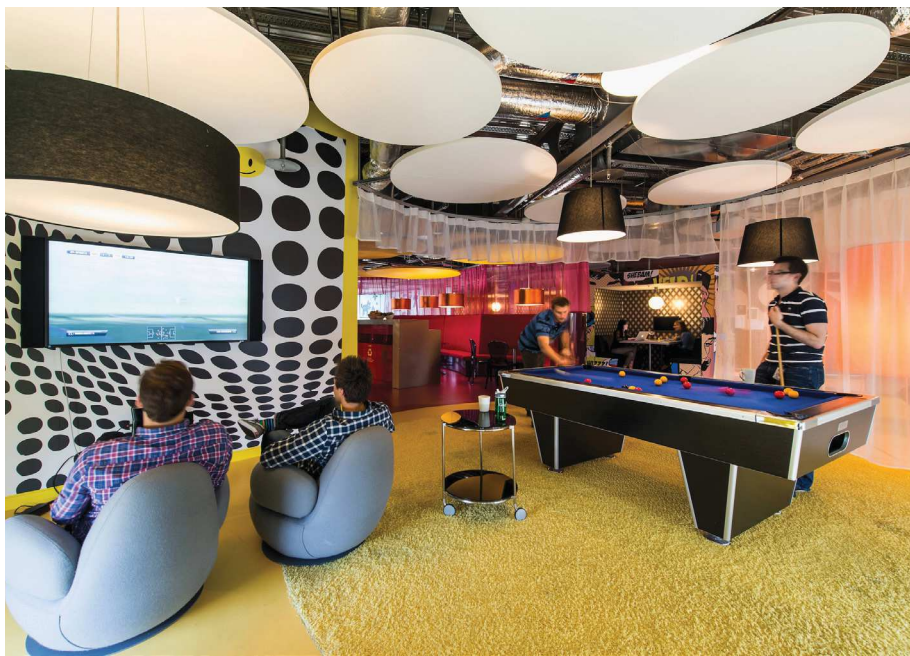
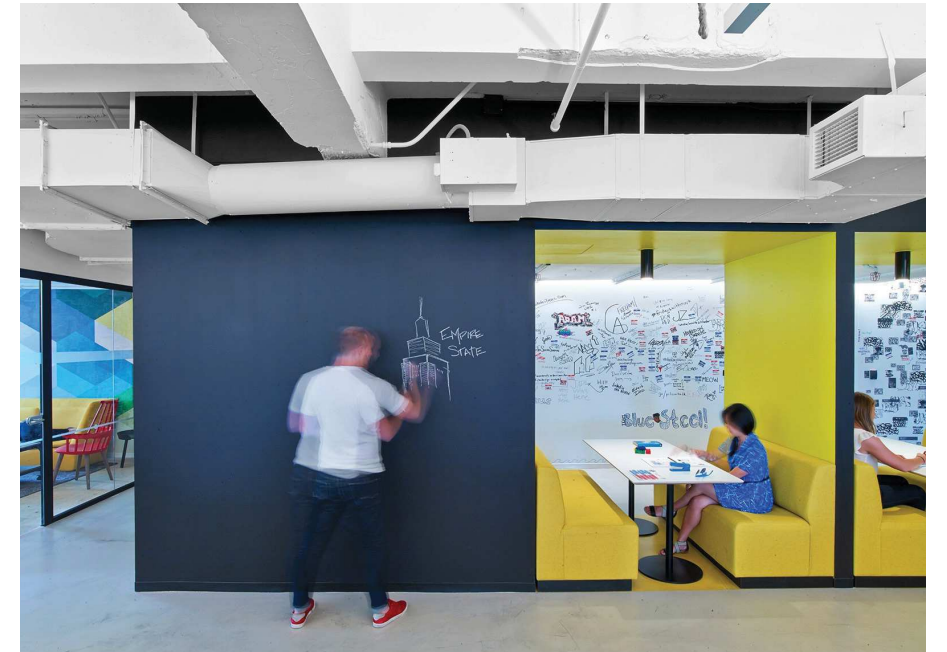
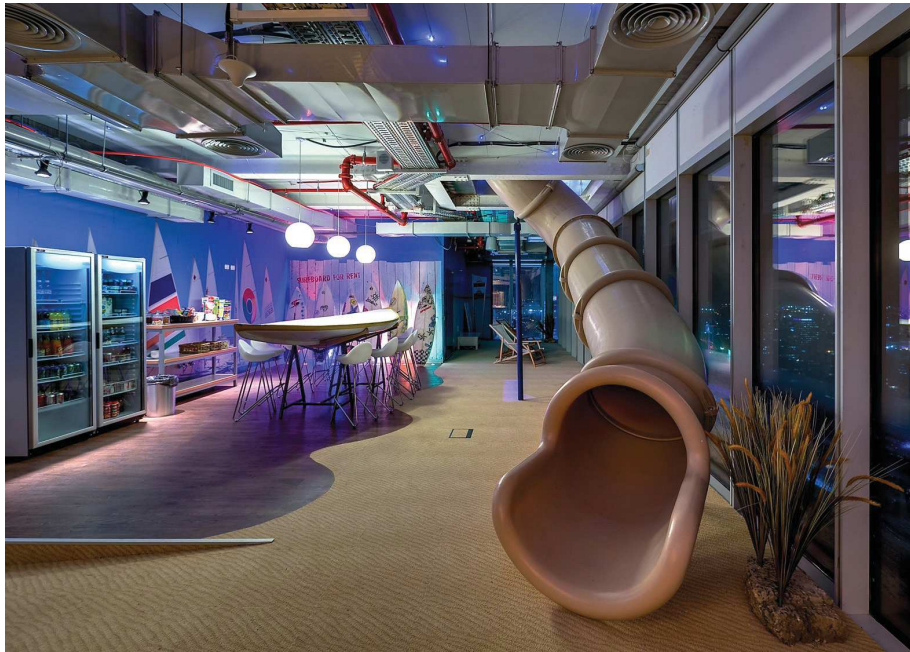


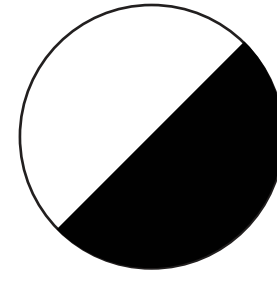
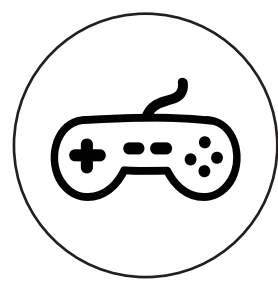
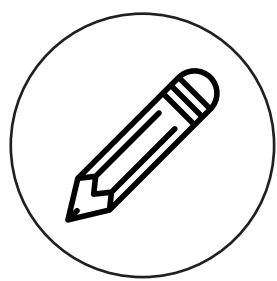


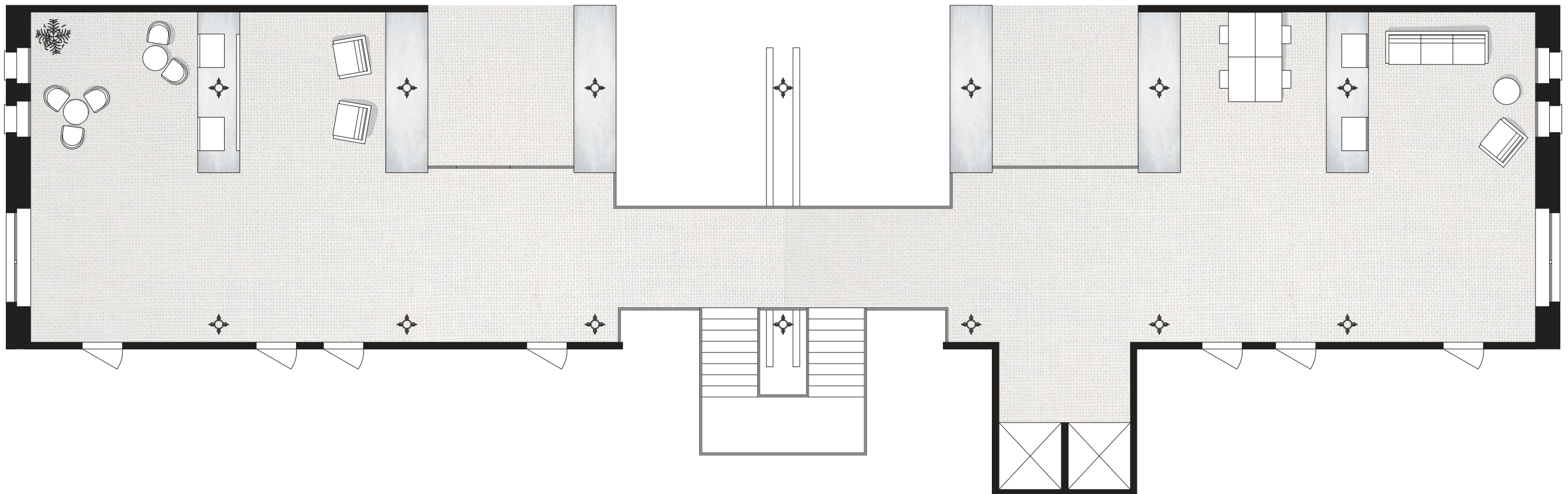
THE CREATIVE OFFICE

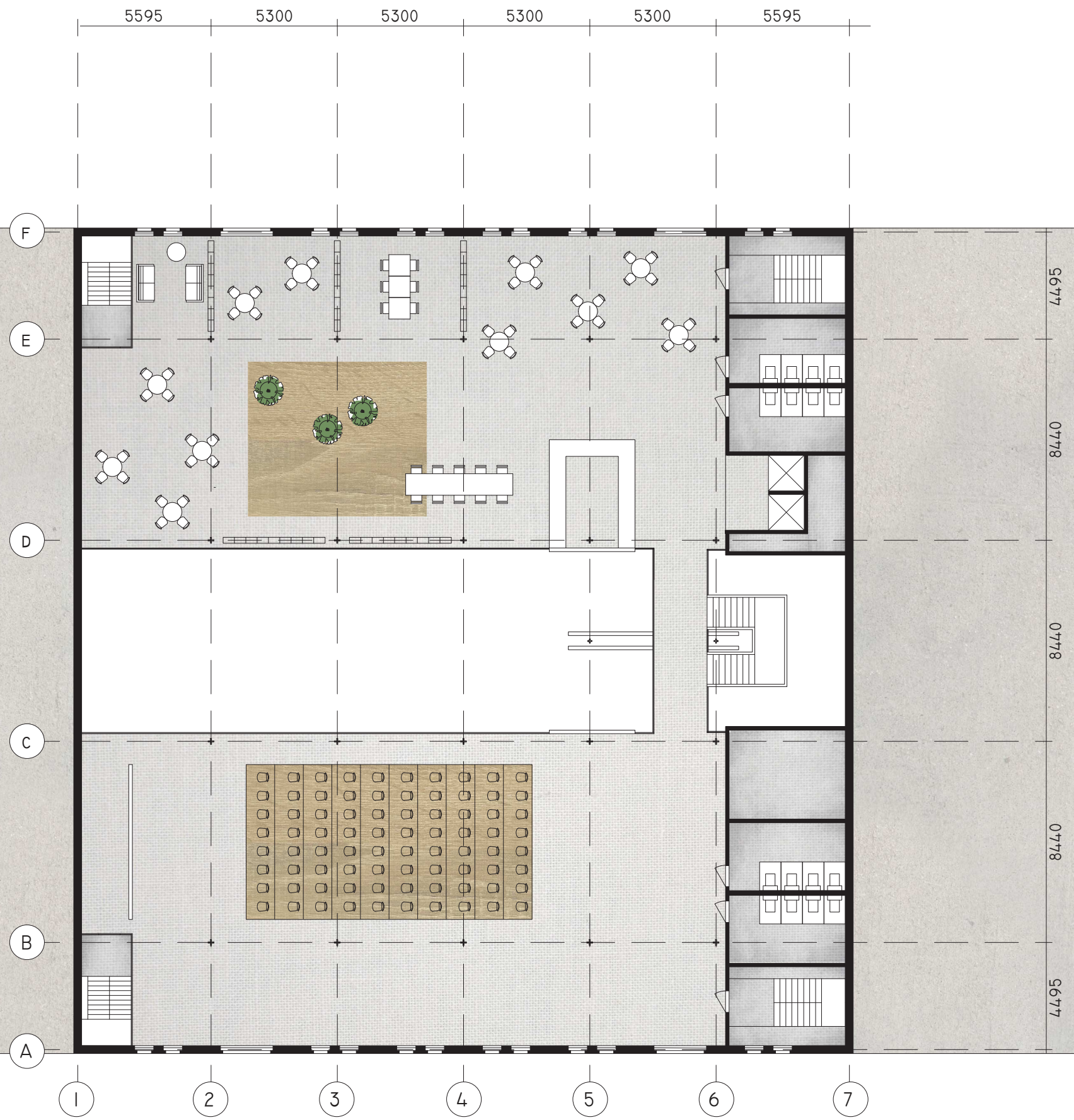
BREAK-OUT SPACE

"INNOVATION THRIVES ON ALL SORTS OF INTERACTION SO WE SHOULD INCREASE OPPORTUNITIES FOR SPONTANEOUS ENCOUNTERS ('CASUAL COLLISIONS') THROUGH THE USE OF INTERNAL 'STREETS' AND 'NEIGHBOURHOODS' WITH CAFES AND COFFEE BARS."



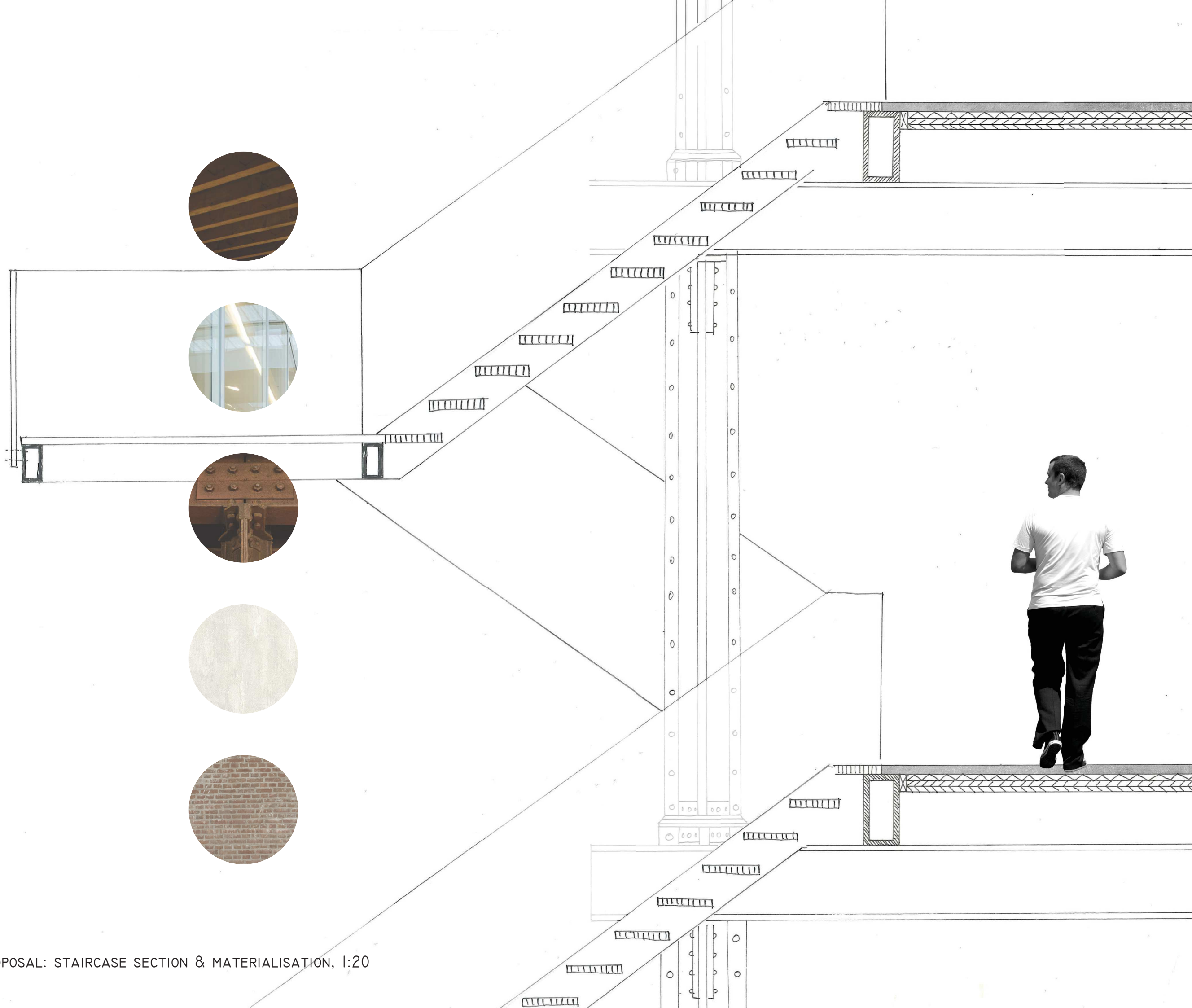








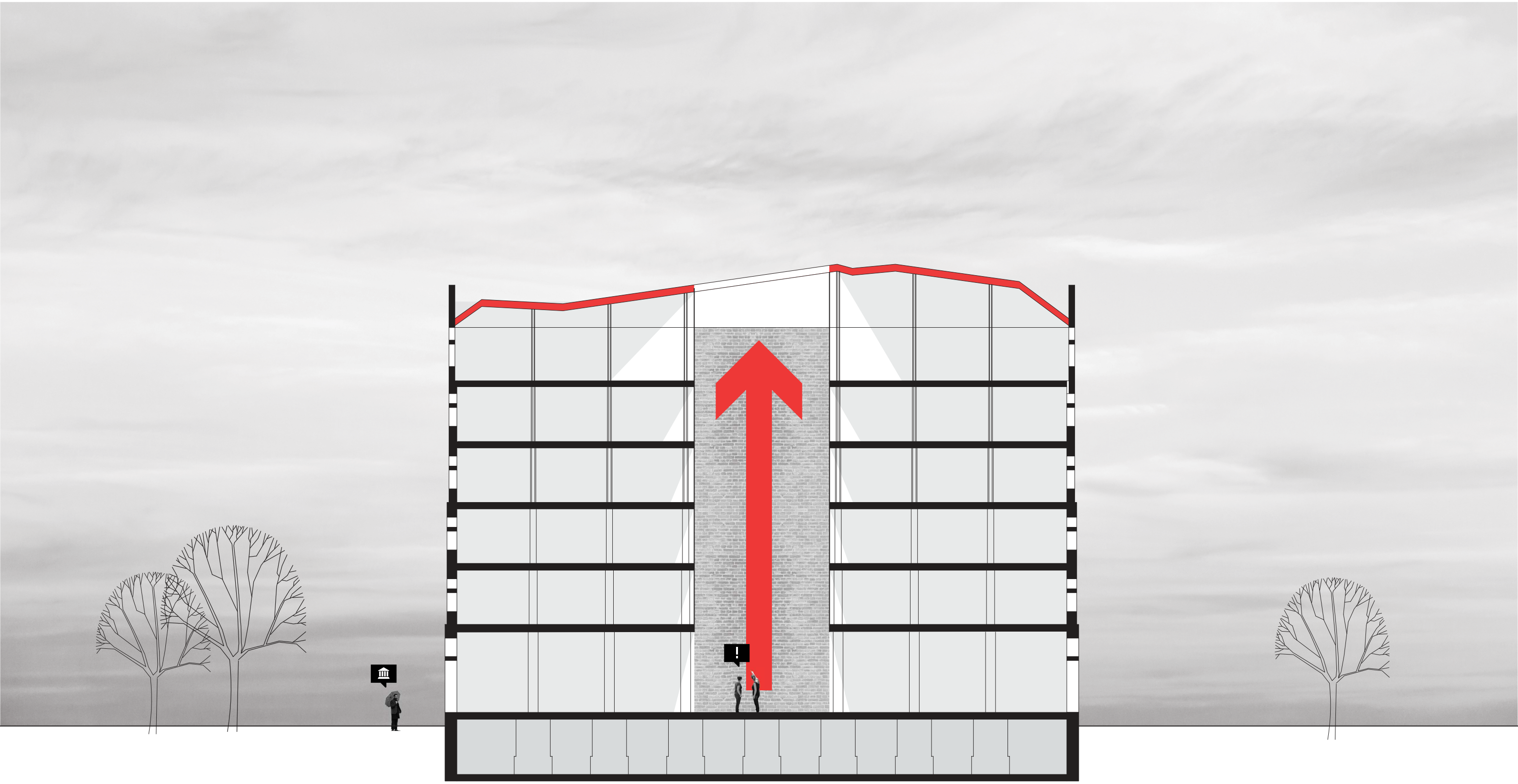


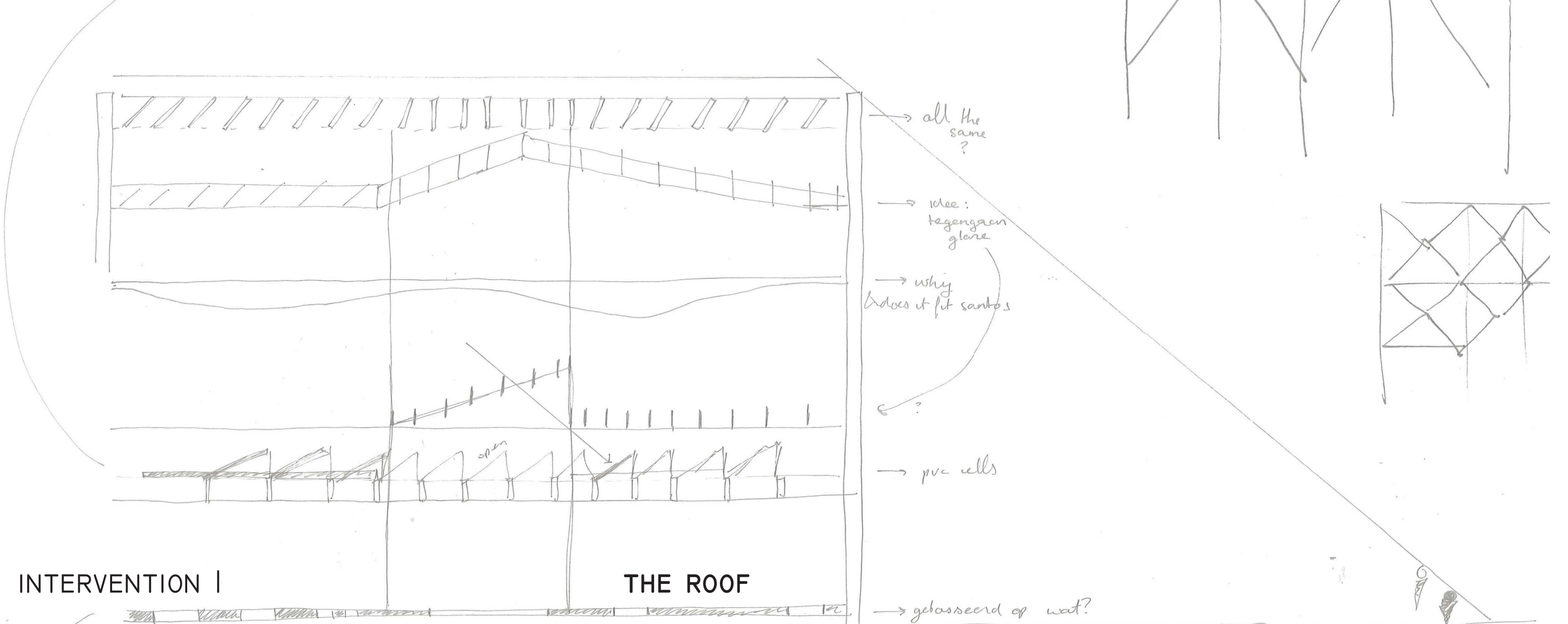


DESIGN PROPOSAL: STAIRCASE SECTION & MATERIALISATION, 1:20

THE INTERVENTION

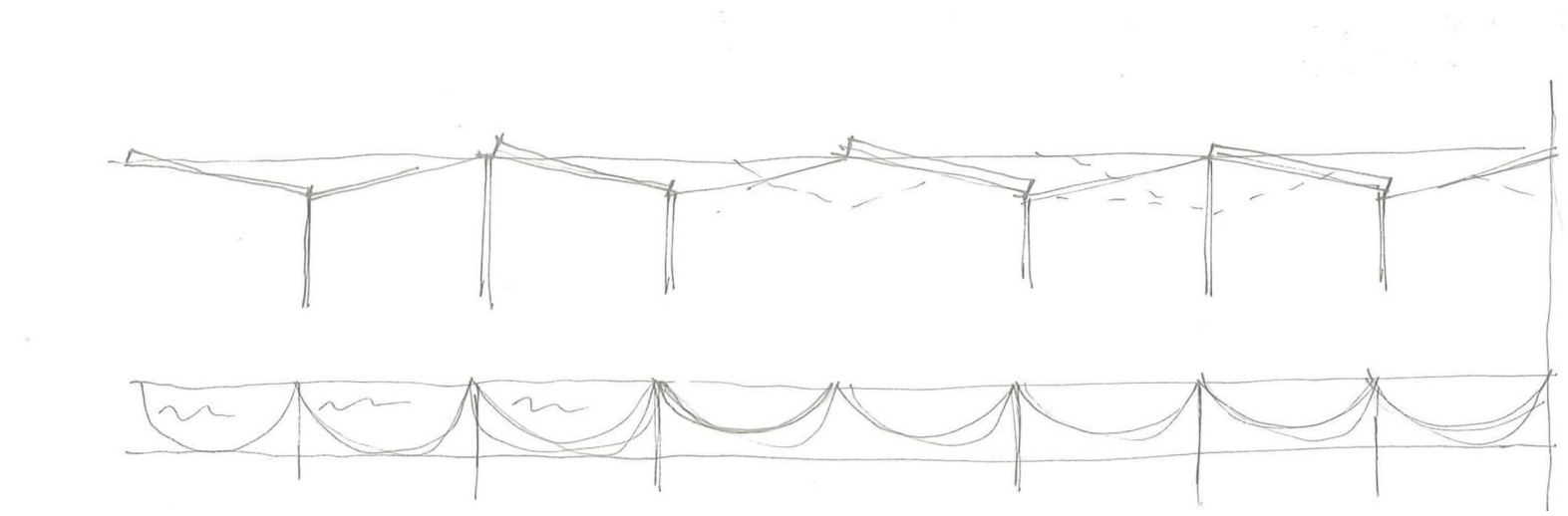
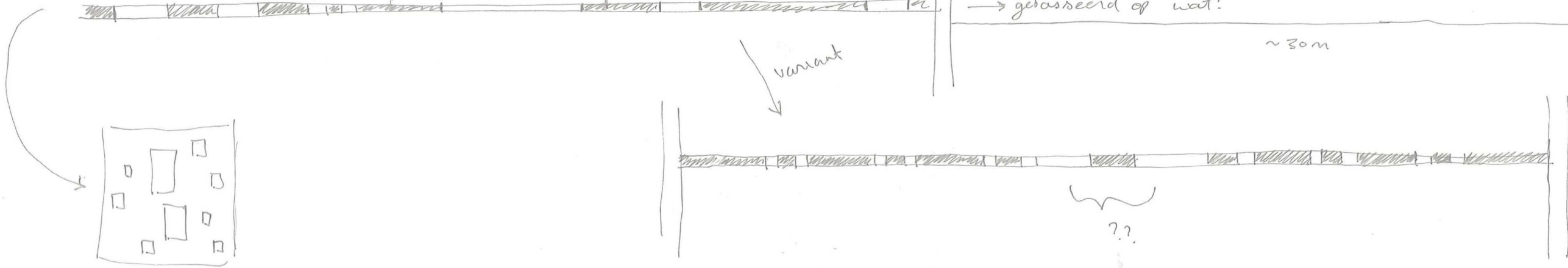
OPEN UP FROM THE INSIDE





INTERVENTION I

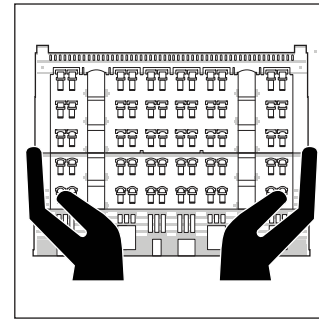
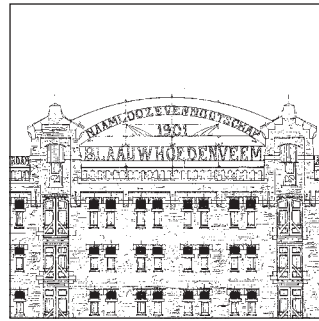
THE ROOF

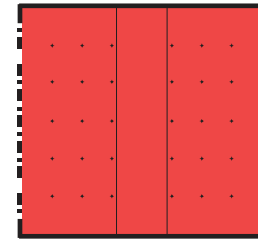
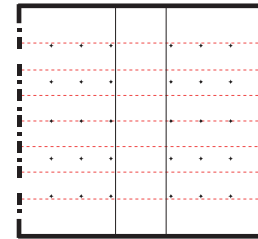
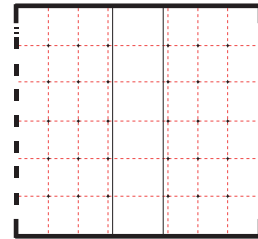
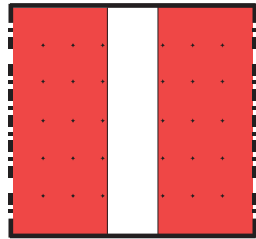


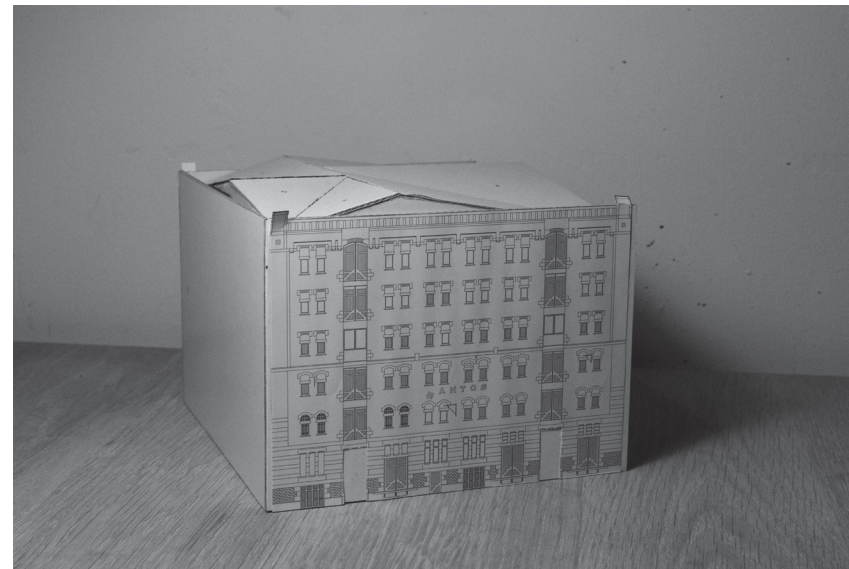
→ laat grid zien, maar wat is toegevoegde waarde + waarom gebaseerd?
 → wateropslag Skyline maar was te beperkt

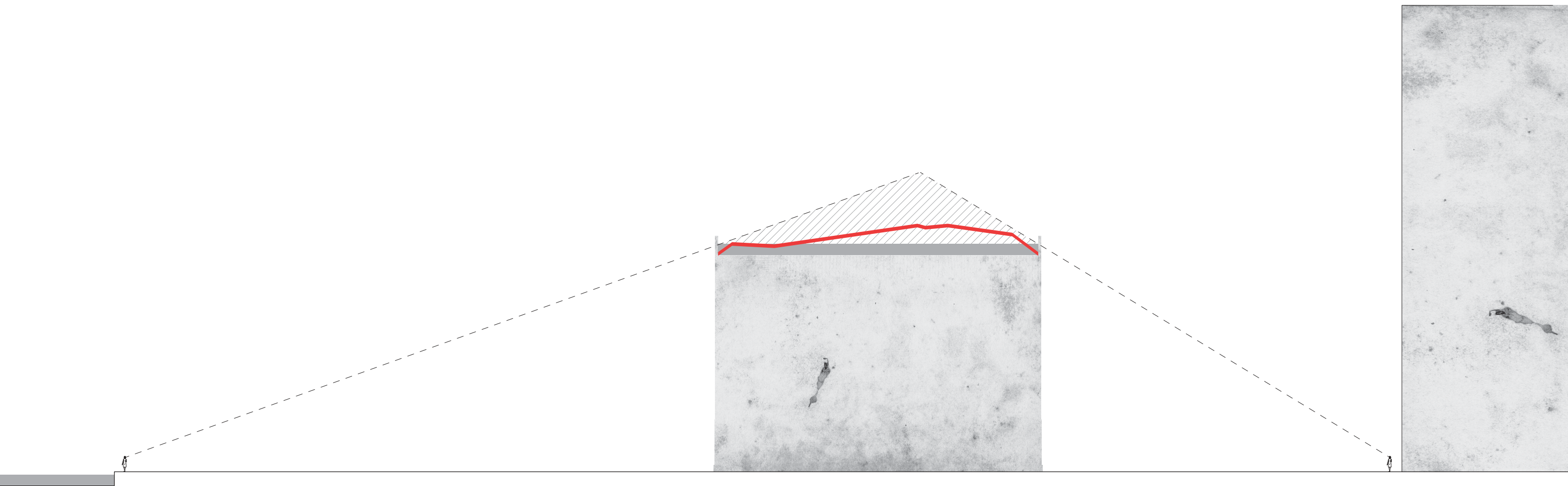
~ 30m

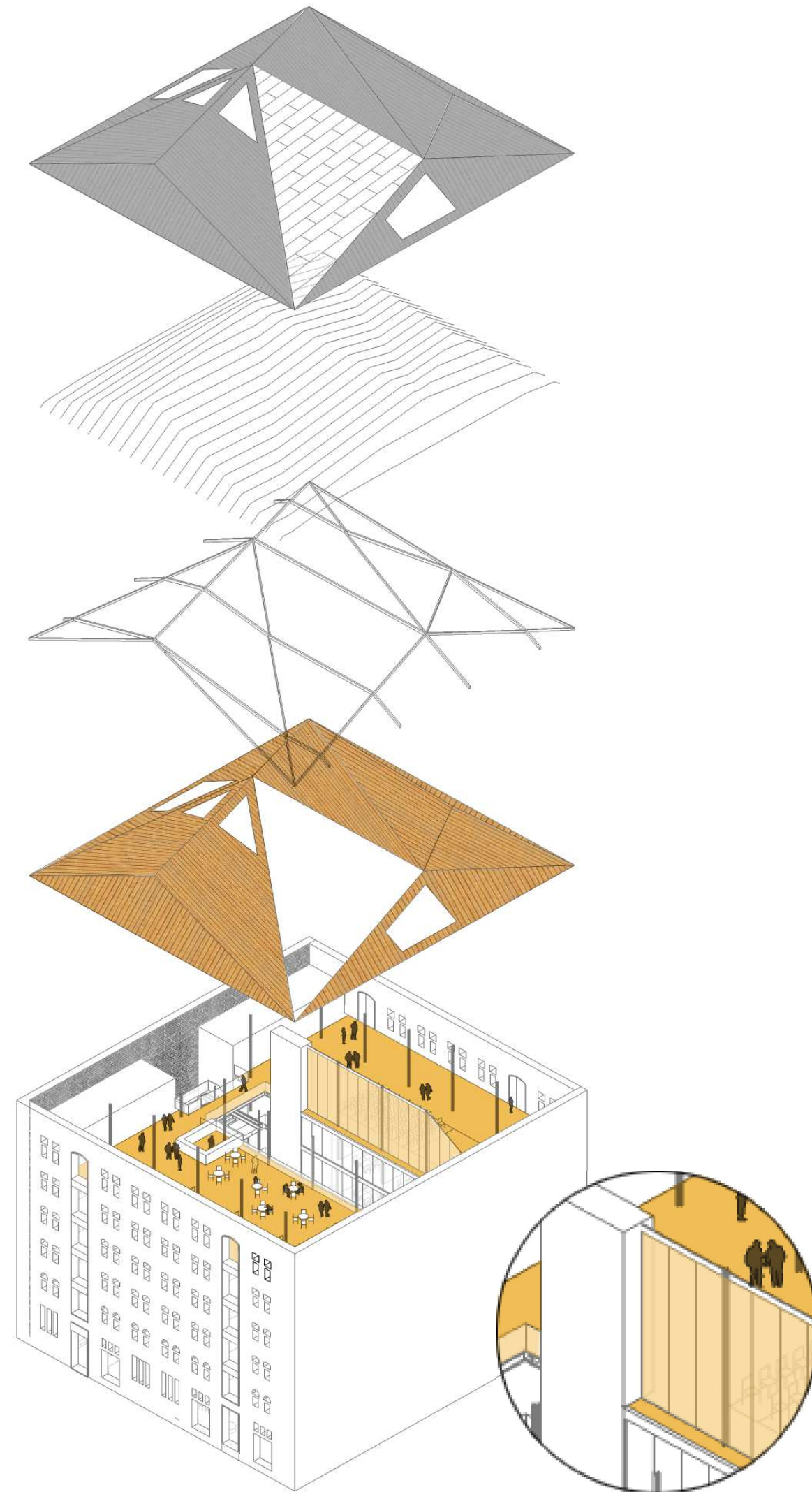
??

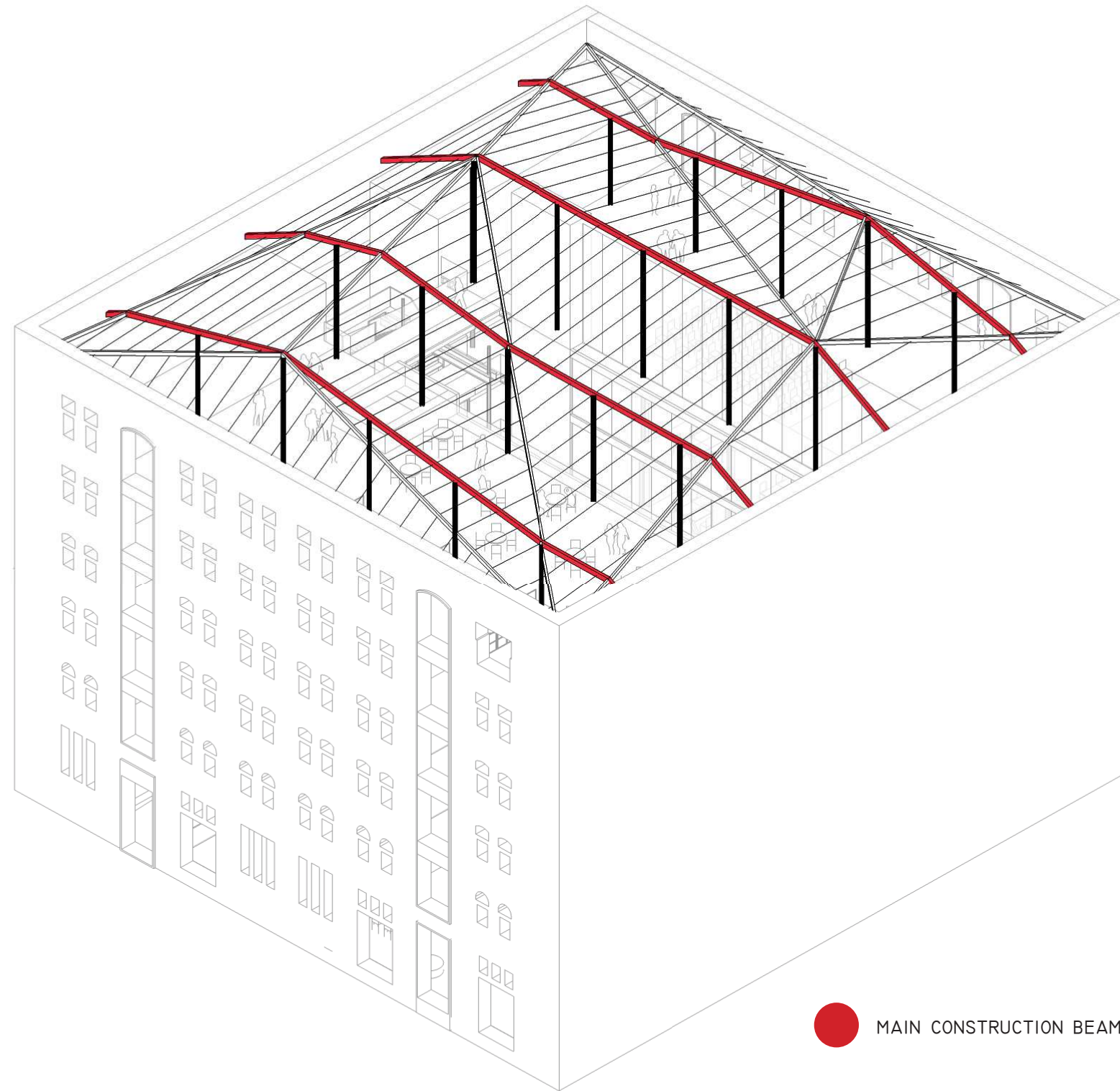




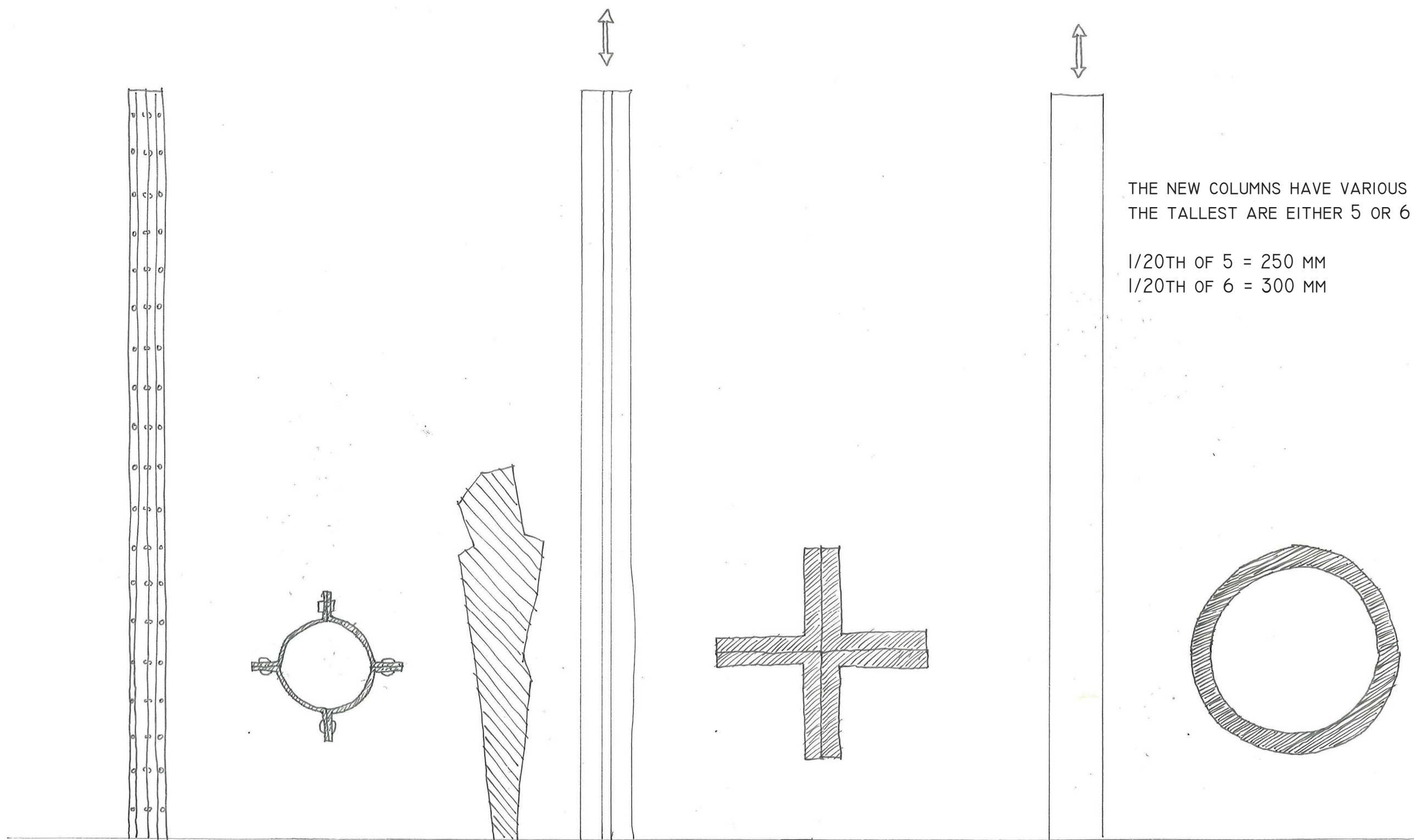








● MAIN CONSTRUCTION BEAMS



THE NEW COLUMNS HAVE VARIOUS HEIGHTS, BUT THE TALLEST ARE EITHER 5 OR 6 METER.

1/20TH OF 5 = 250 MM
 1/20TH OF 6 = 300 MM

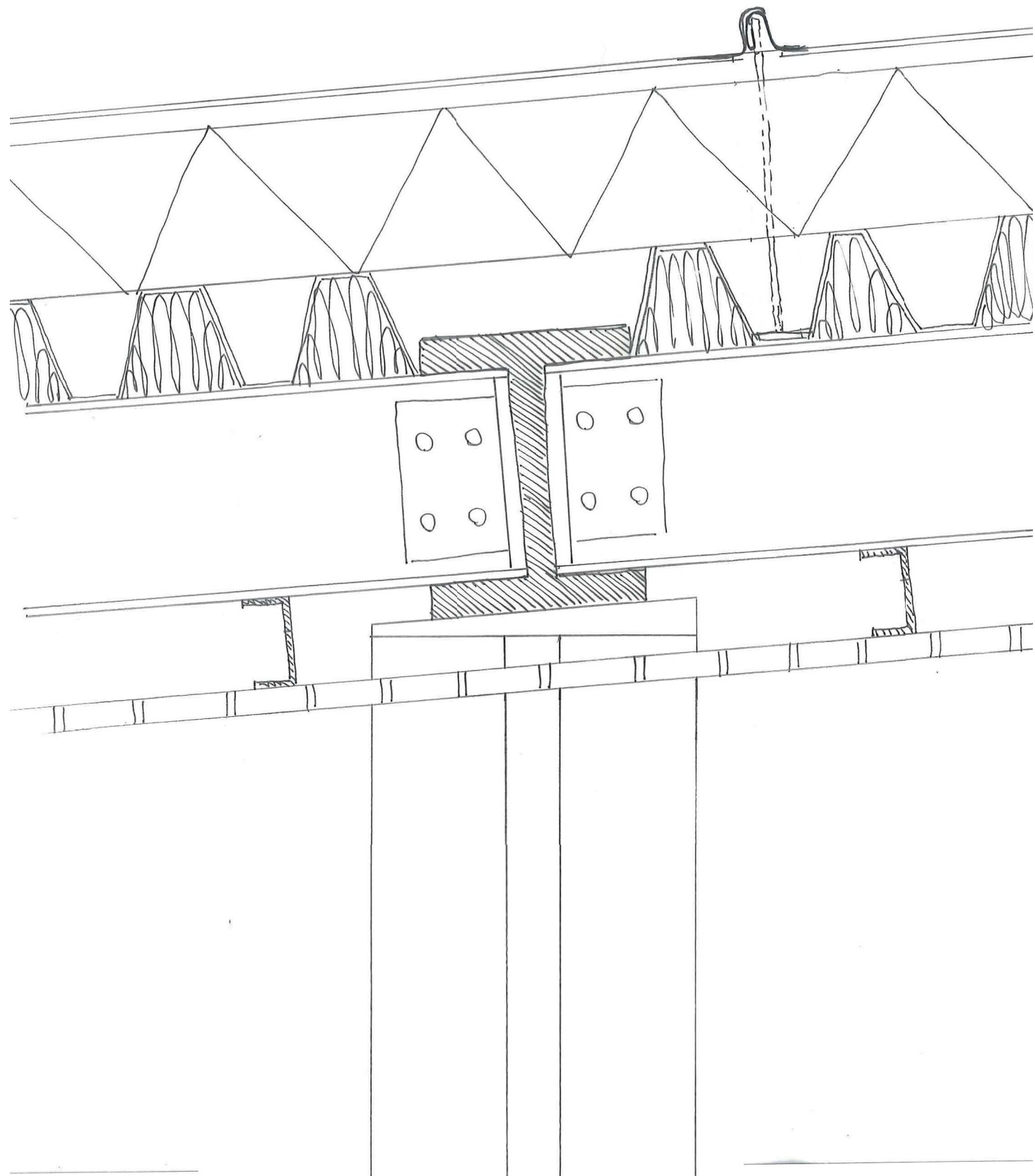
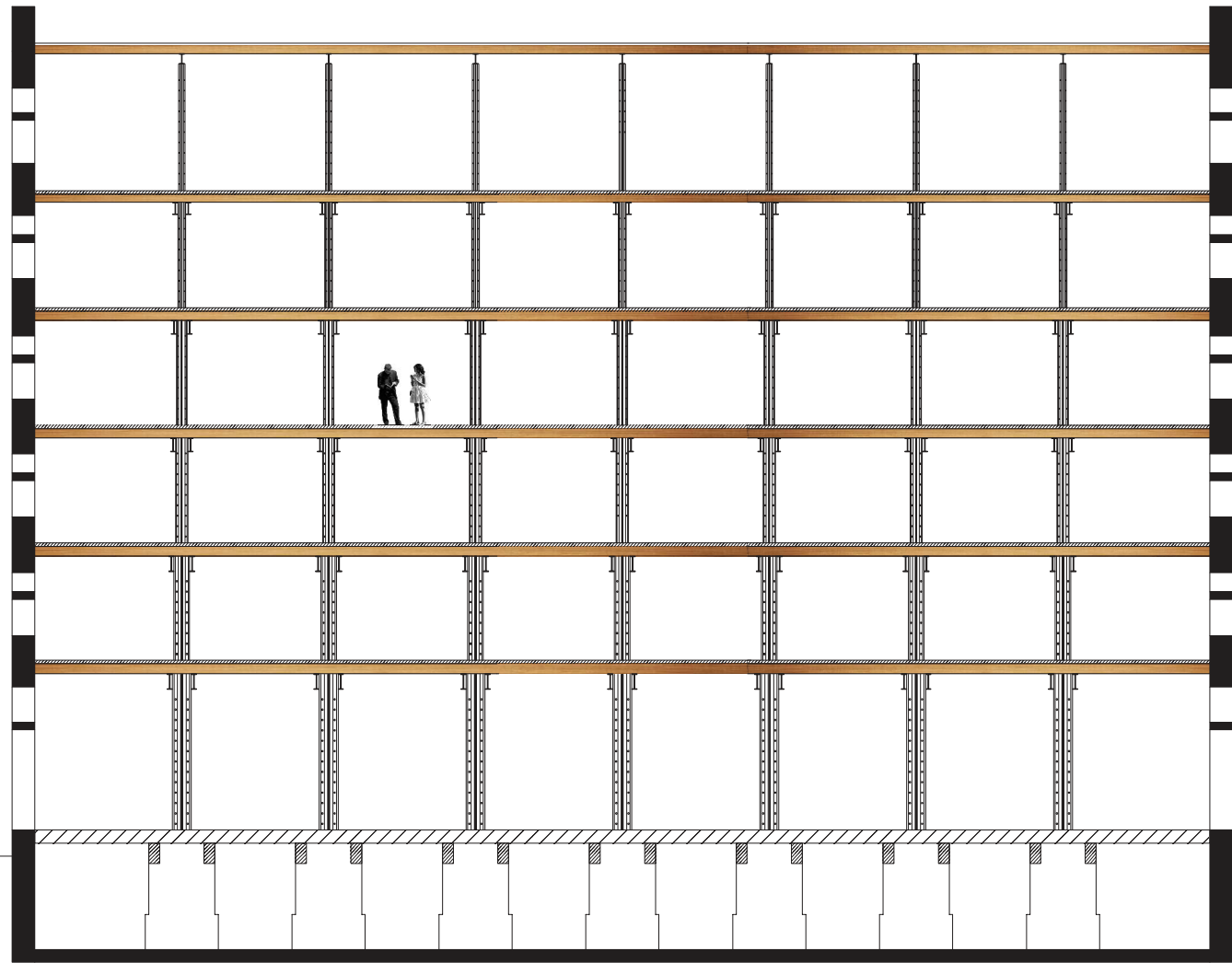
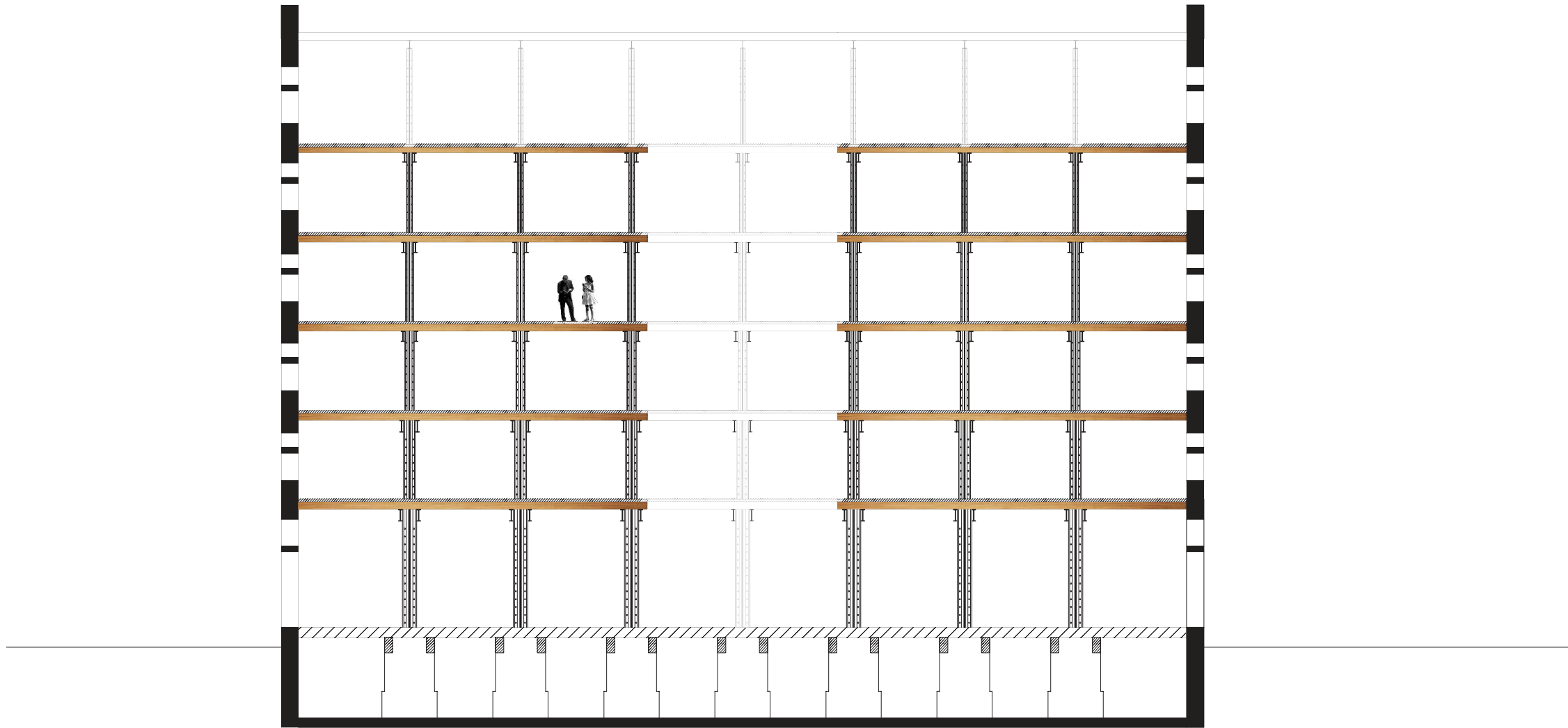


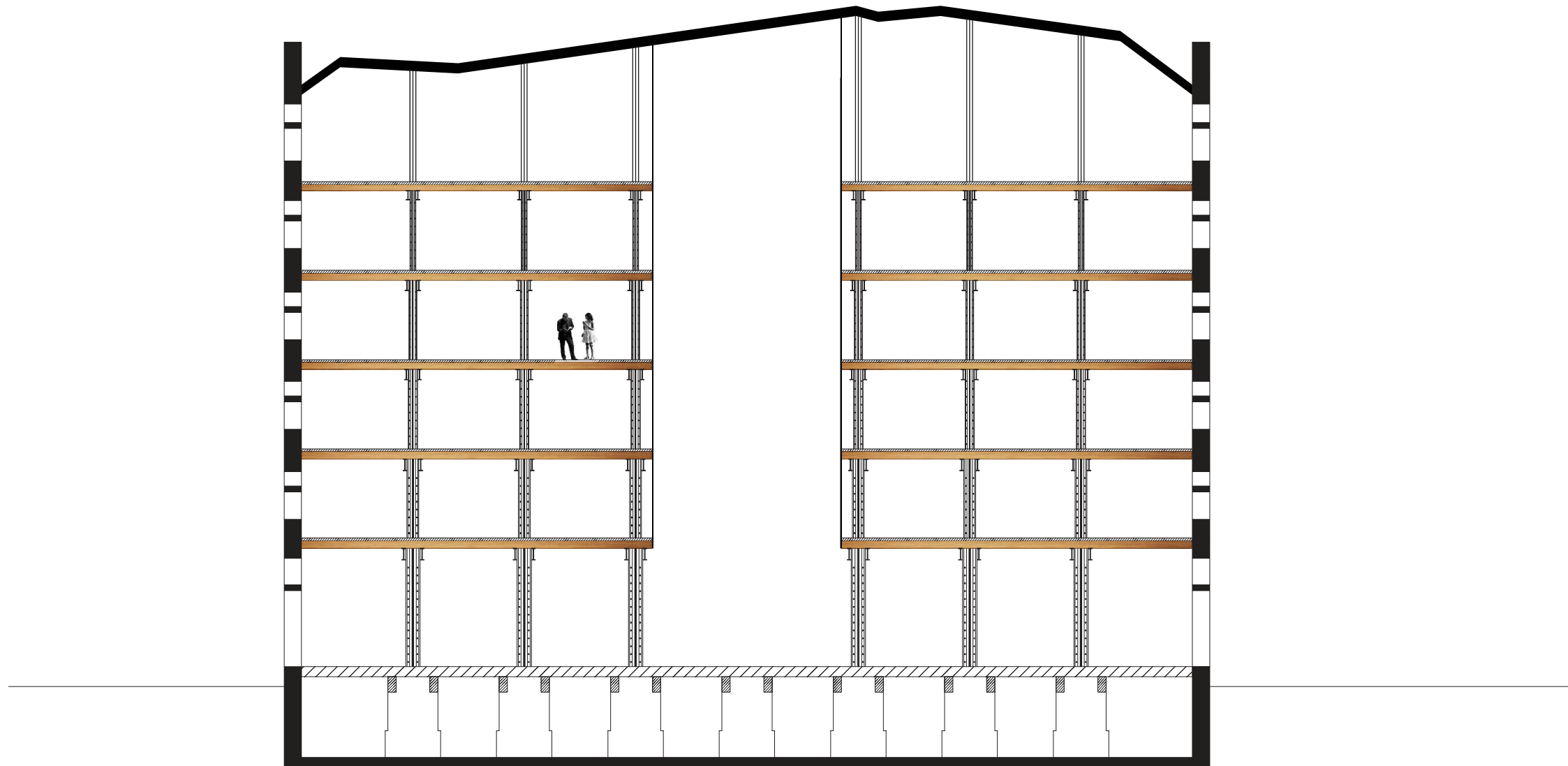
FOTO MAQUETTE

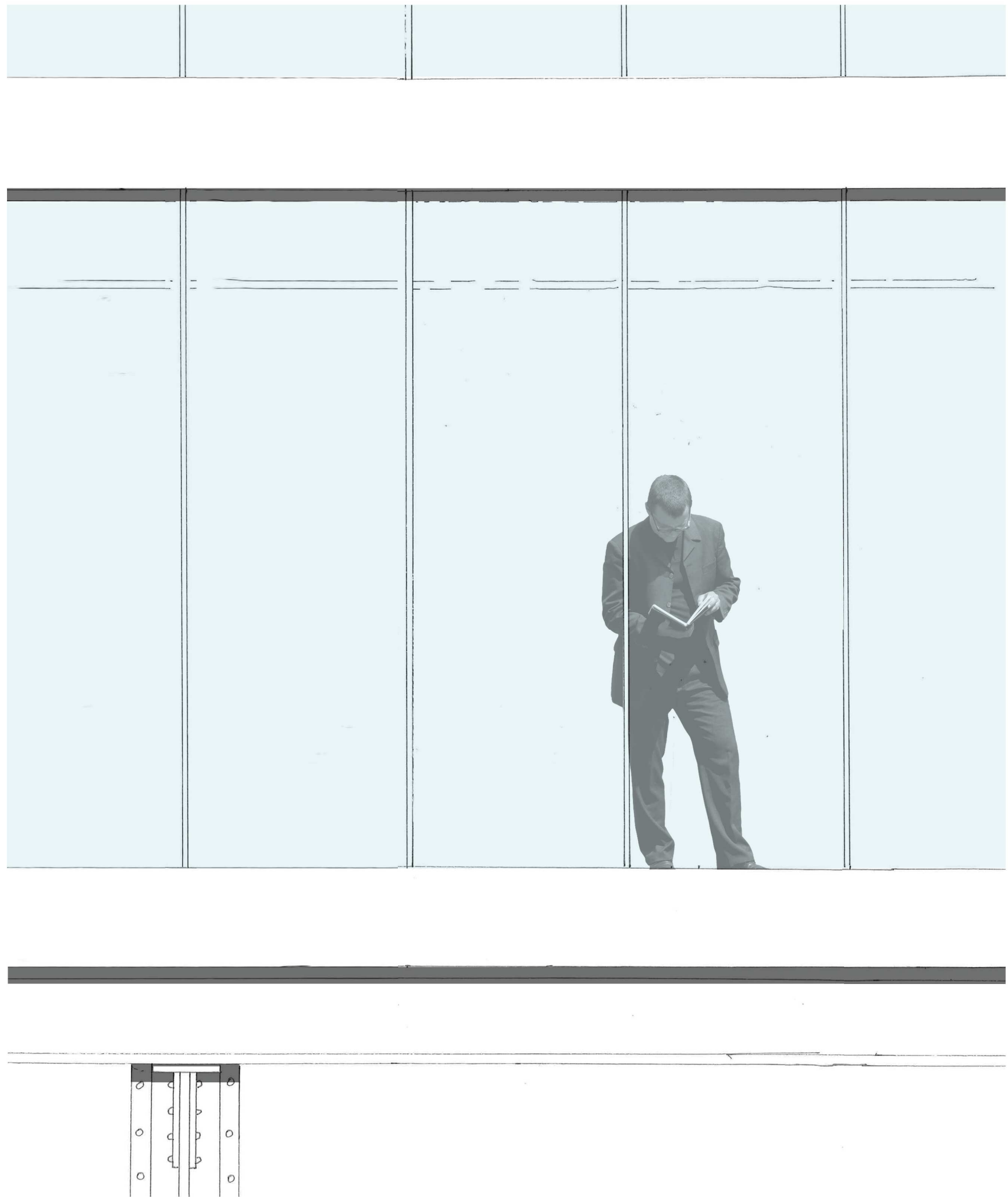
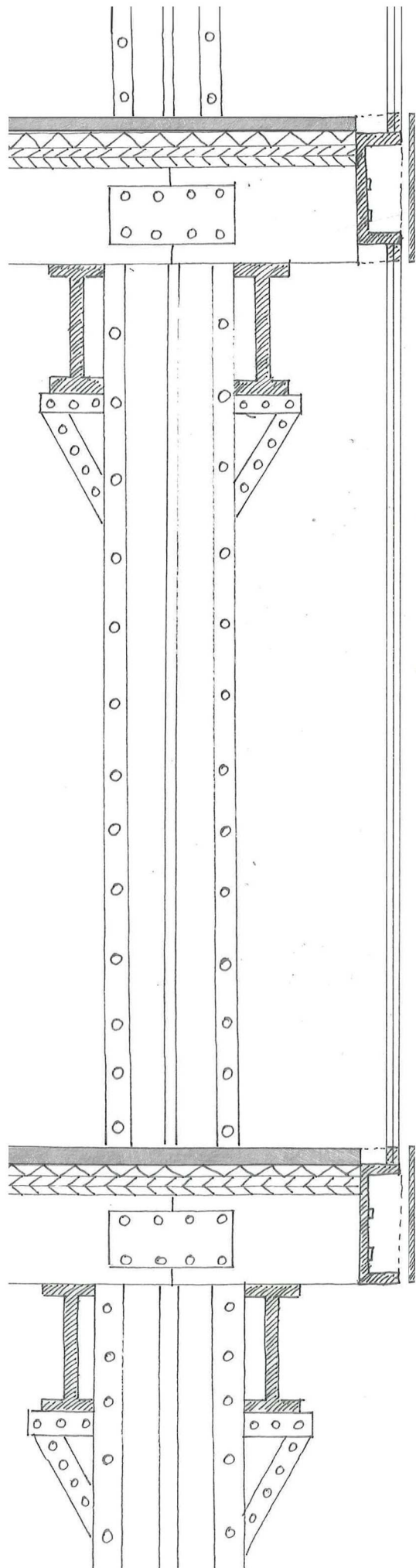
INTERVENTION II

THE ATRIUM

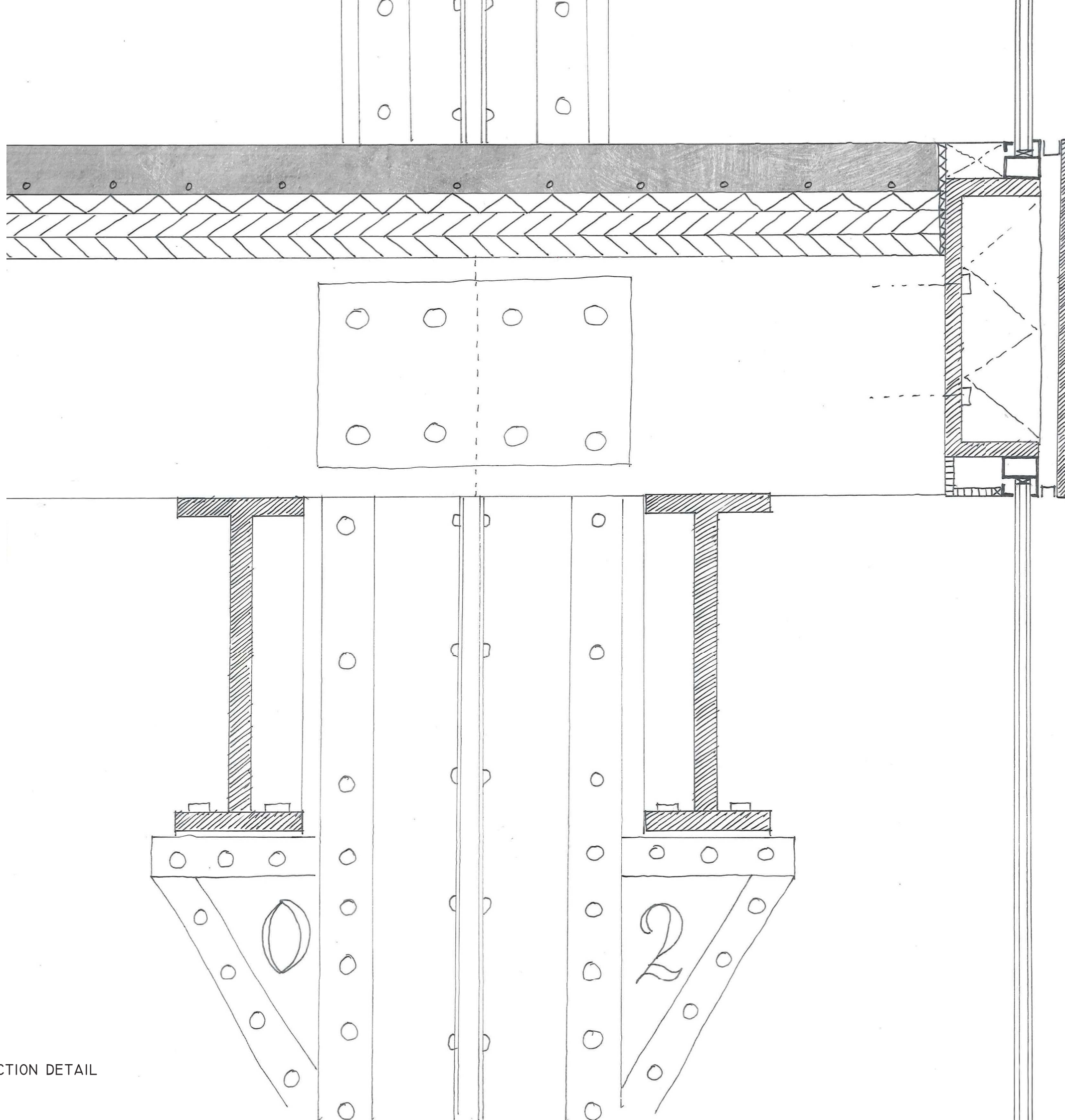








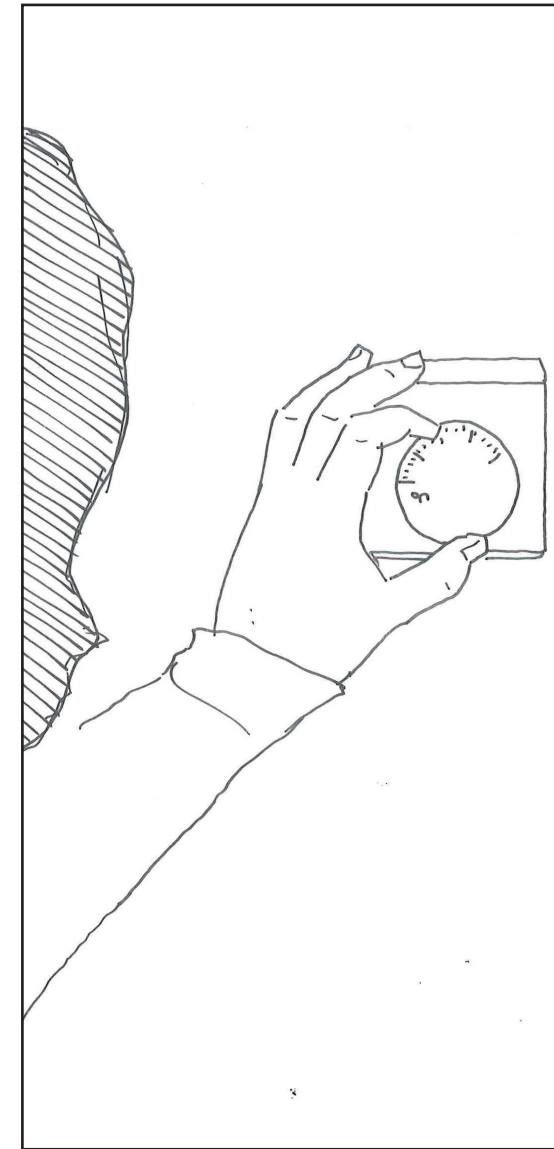
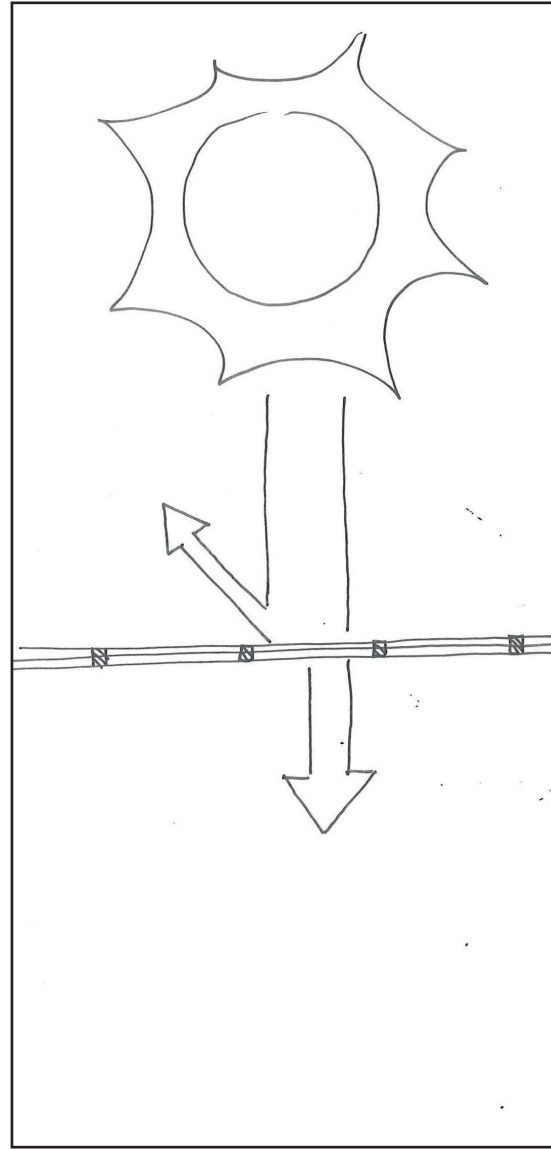
THE ATRIUM: 1:20 DETAIL & FRONT VIEW



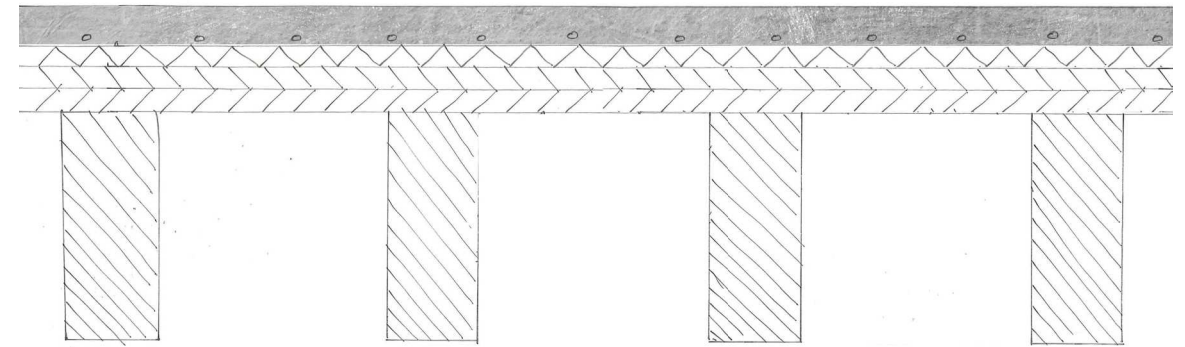
THE ATRIUM: 1:5 CONSTRUCTION DETAIL

CLIMATE SYSTEM

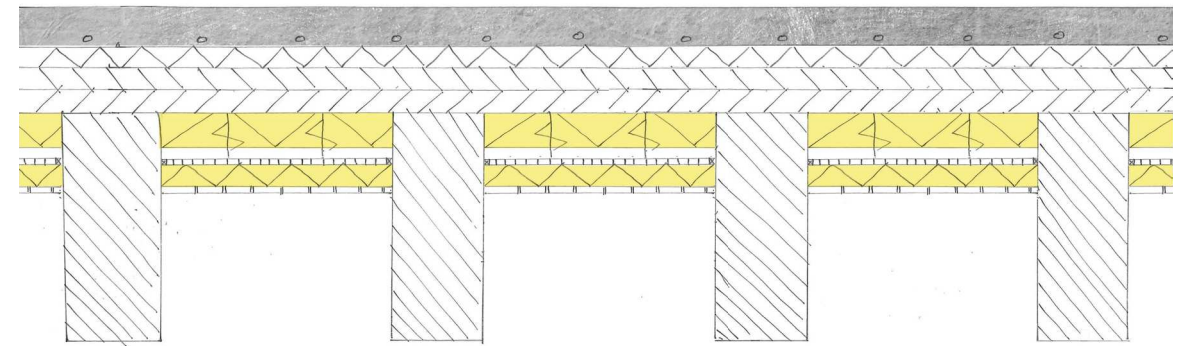
PLEASANT WORKING CONDITIONS



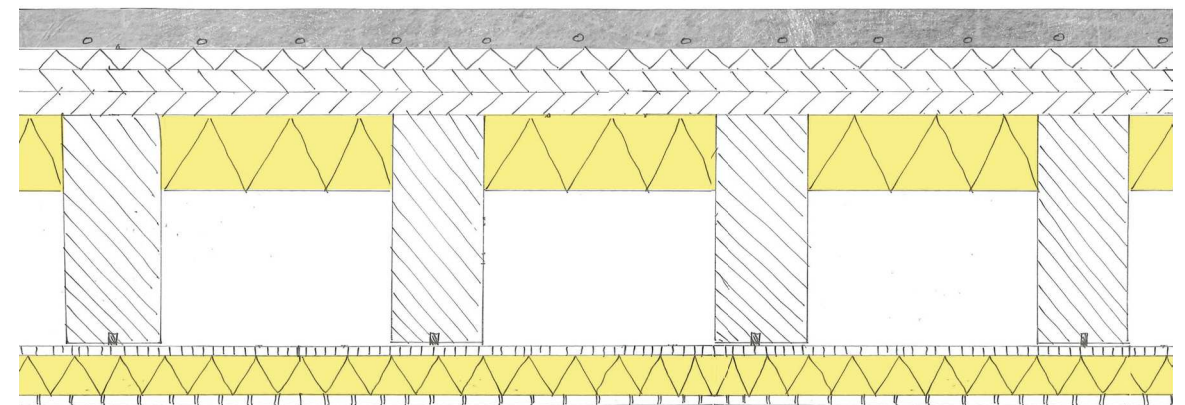
A, NO EXTRA ACOUSTIC INSULATION



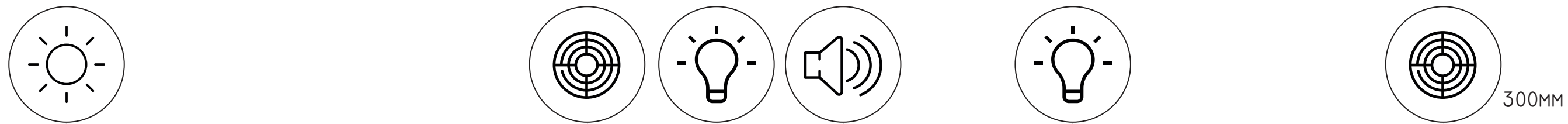
B, ACOUSTIC INSULATION BETWEEN BEAMS

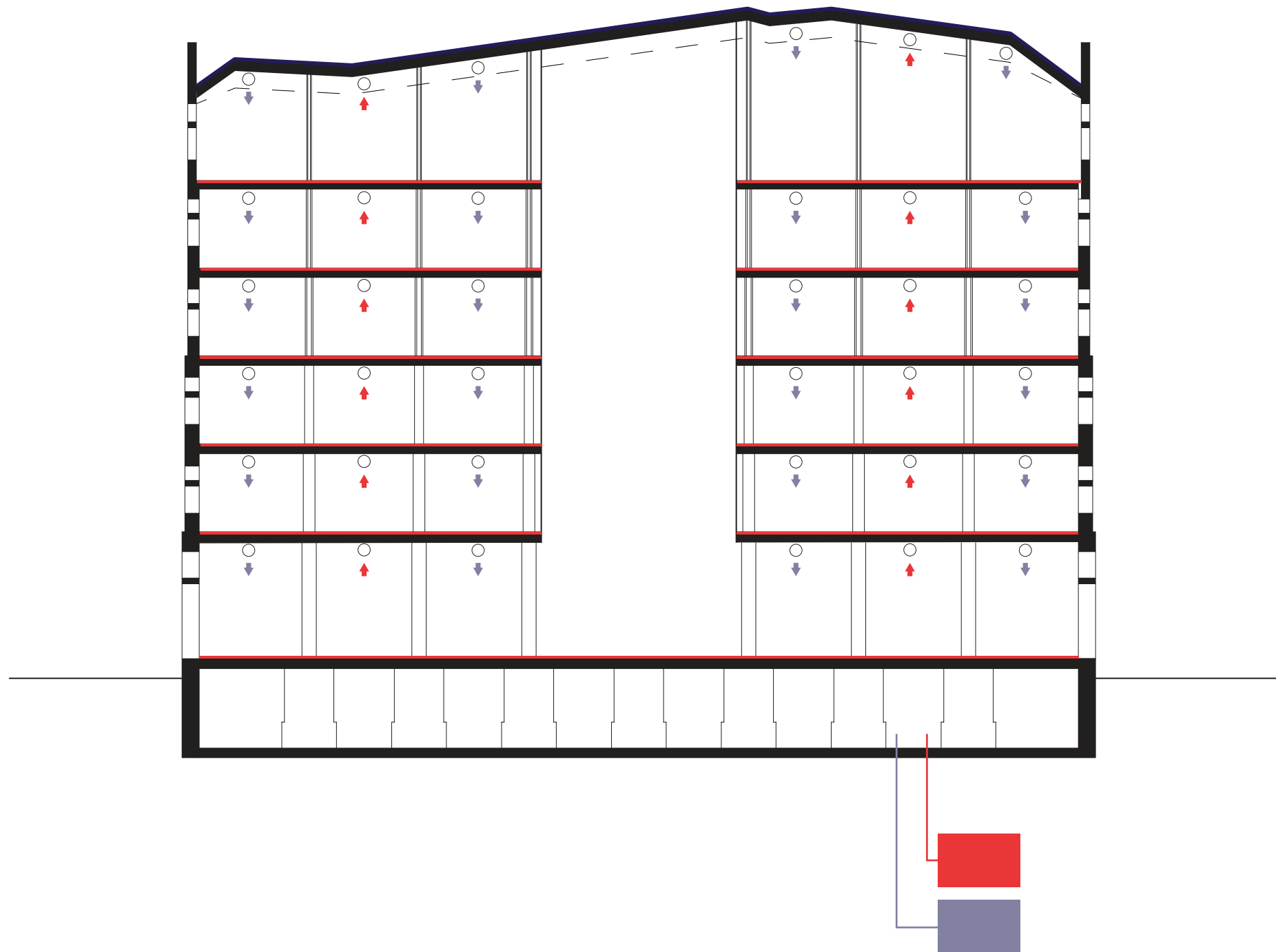


C, LOWERED CEILINGS, NO BEAMS VISIBLE



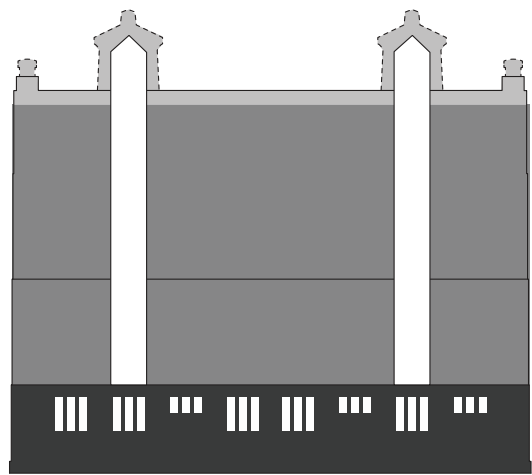




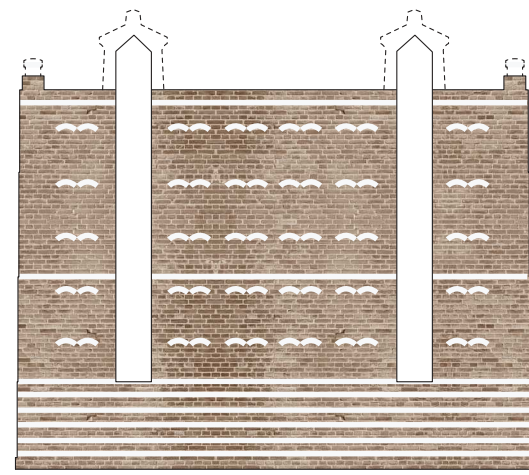


THE FACADE





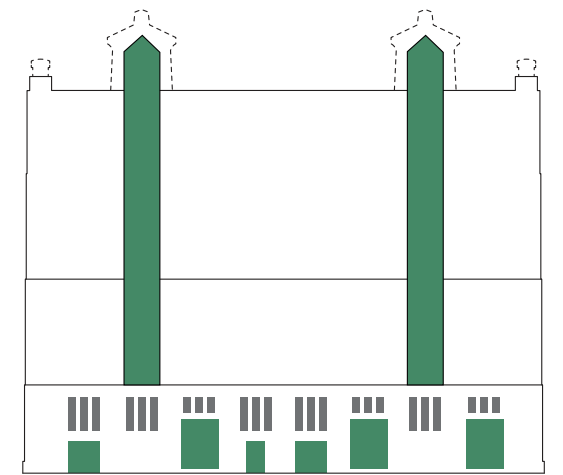
AMERICAN INSPIRED DIVISION INTO CROWN, MIDDLE PART & PLINTH.



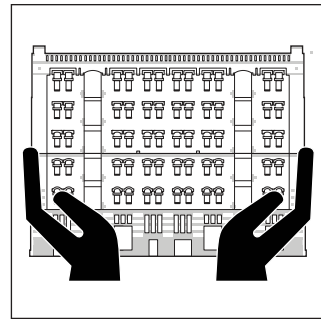
BRICK AS THE MAIN MATERIAL, WITH SANDSTONE ACCENTS.



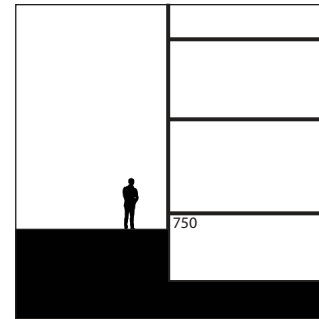
FOUR DIFFERENT TYPES OF WINDOWS THAT REFLECT THE CONSTRUCTION.



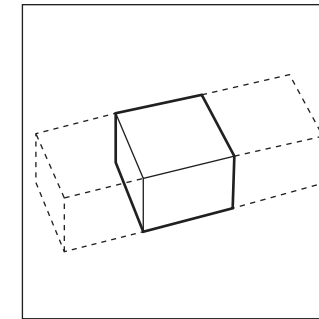
FUNCTIONAL OPENINGS, NON-SYMMETRIC IN THE PLINTH.



MONUMENTAL
FACADES



HEIGHT DIFFERENCE
GROUND FLOOR



ONCE MEANT TO BE
IN A ROW

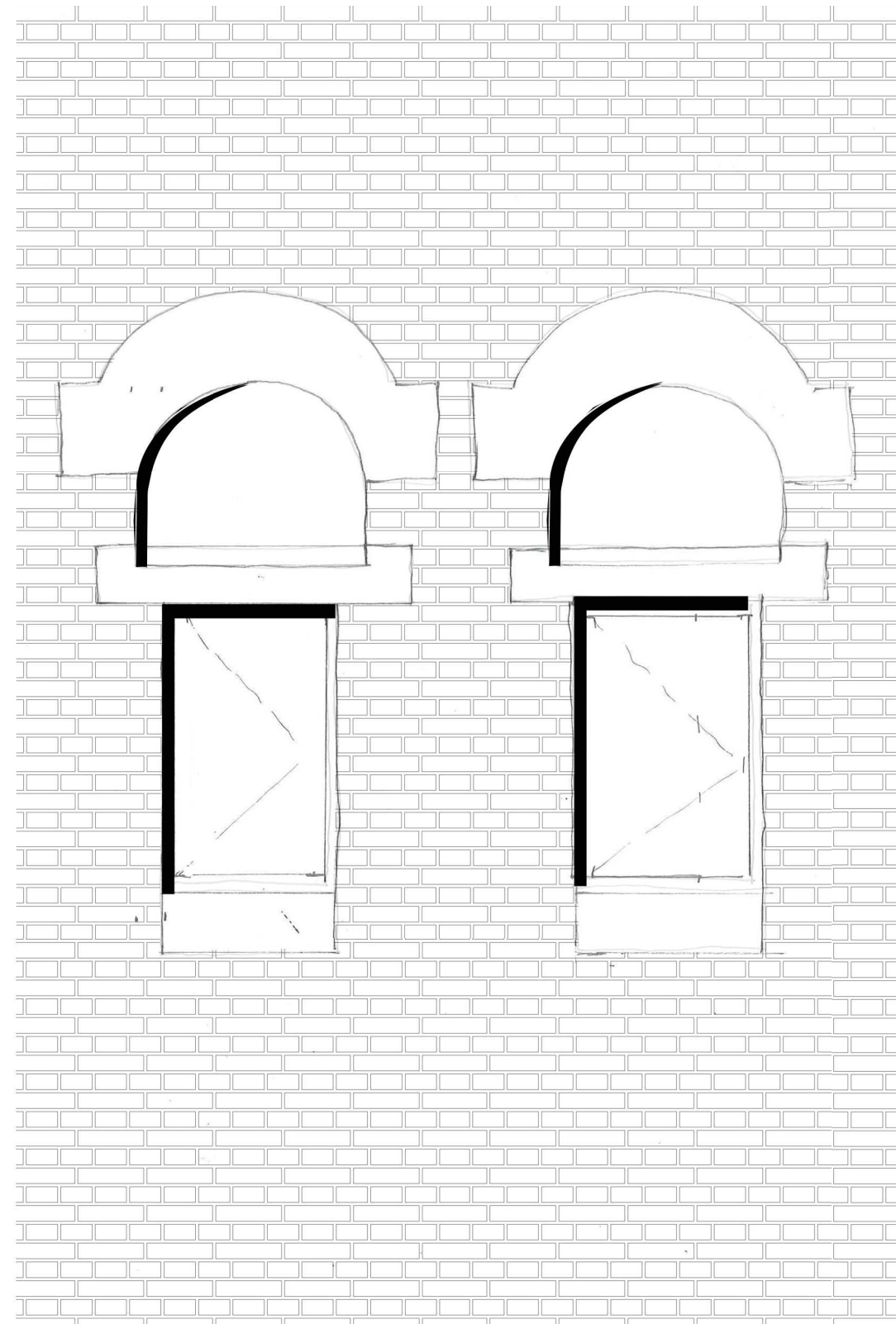
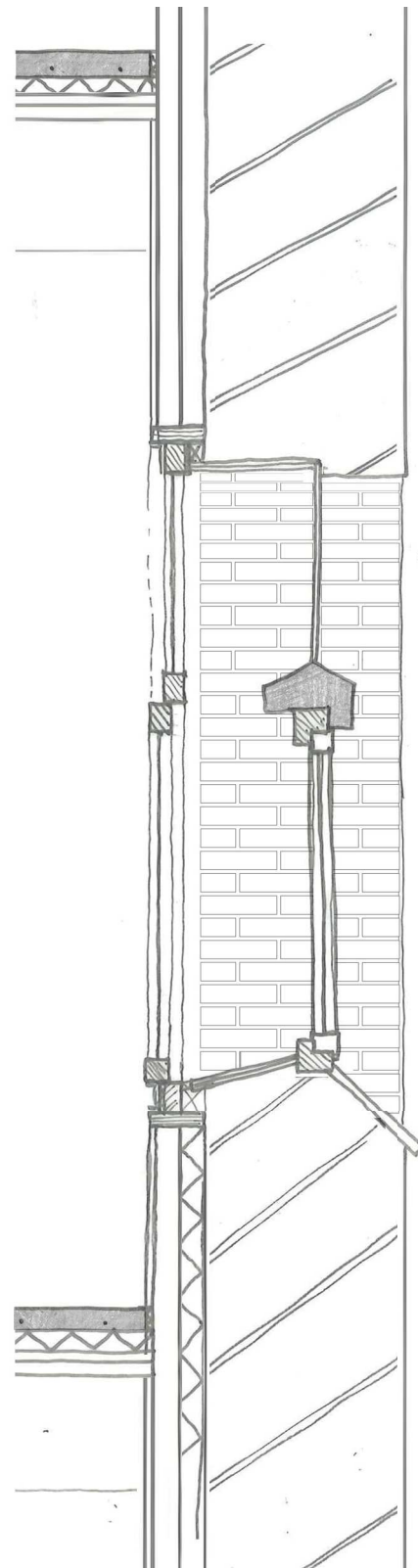
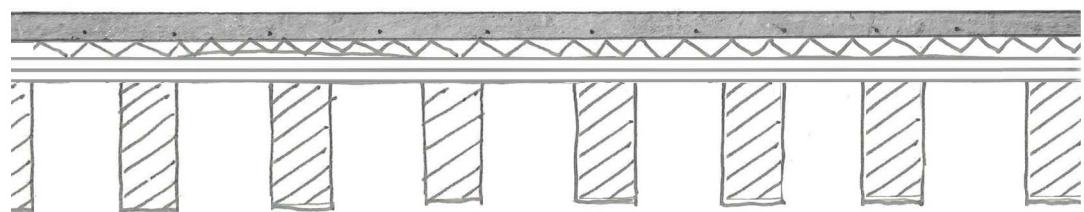
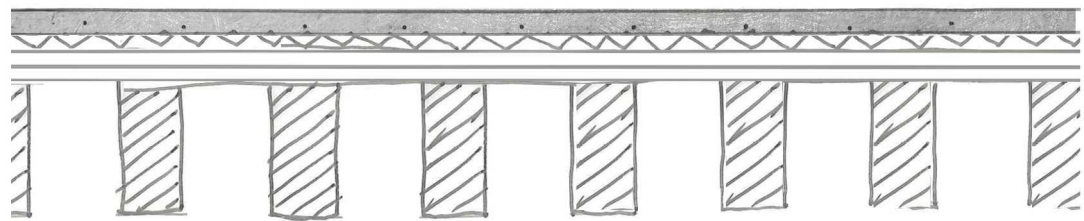


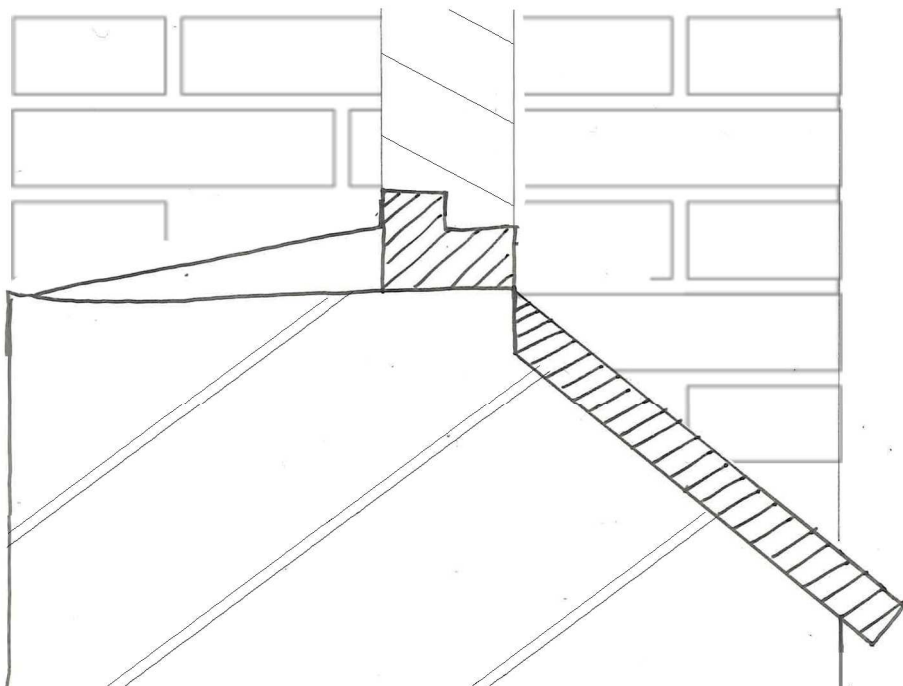
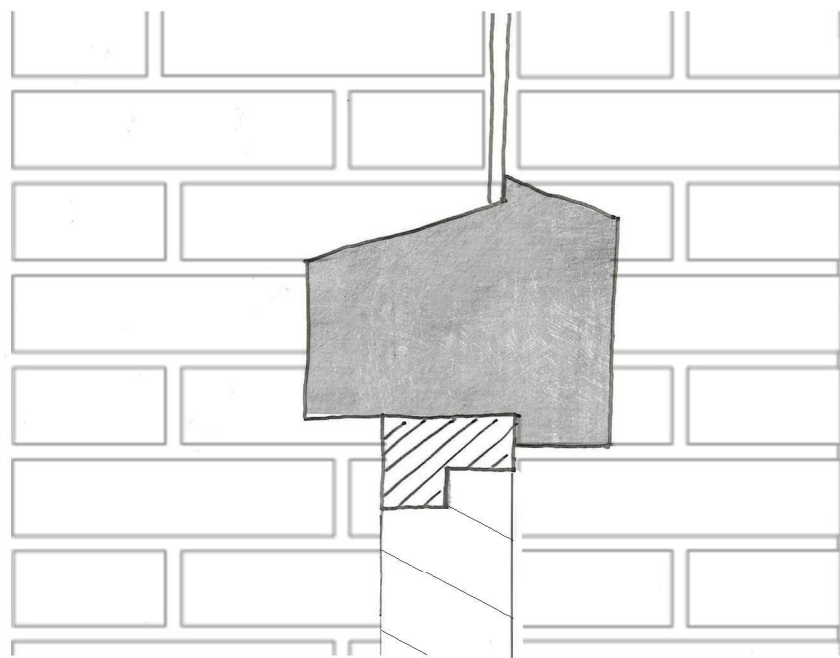
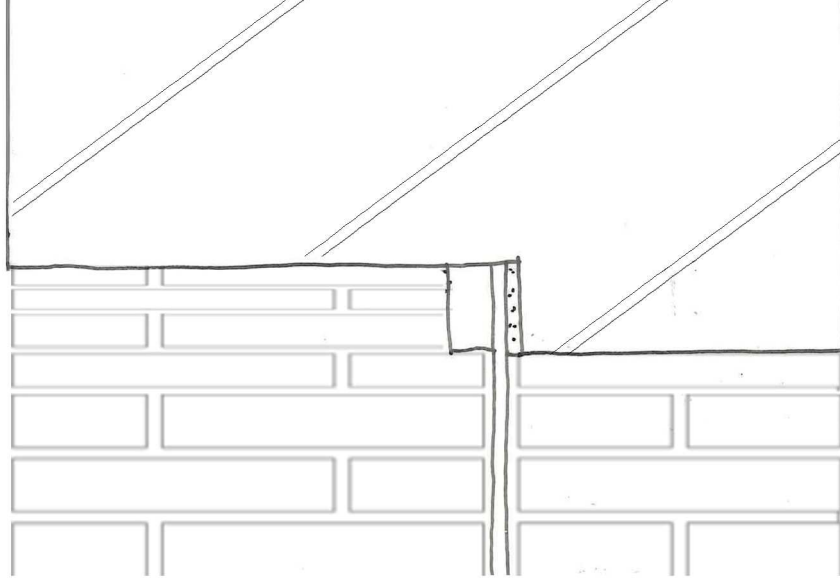
SOUTH FACADE, 1:200

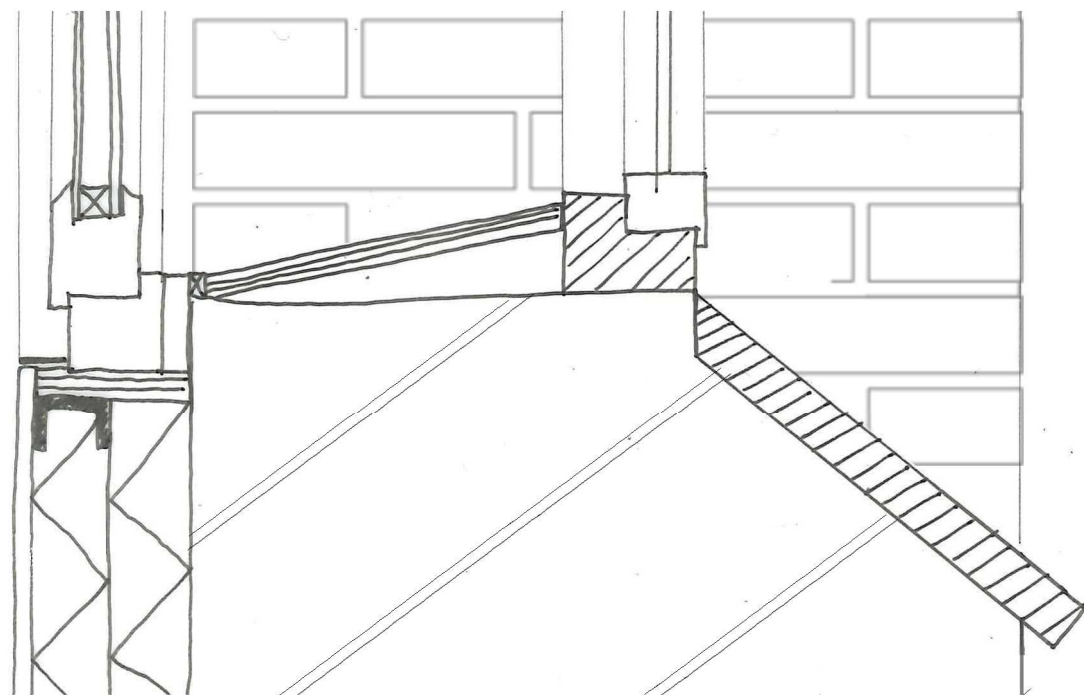
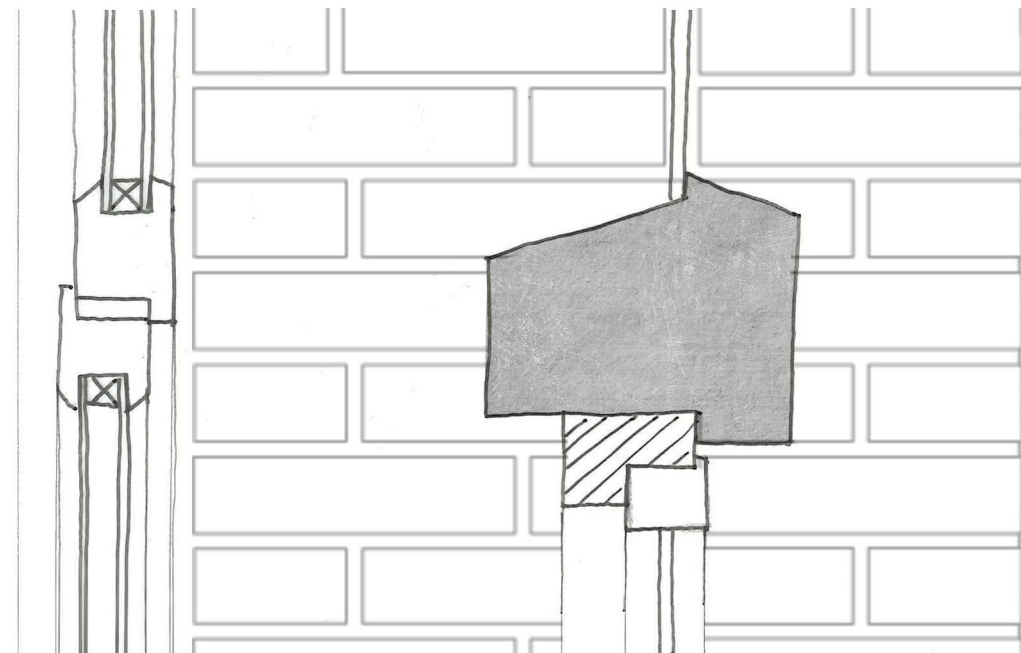
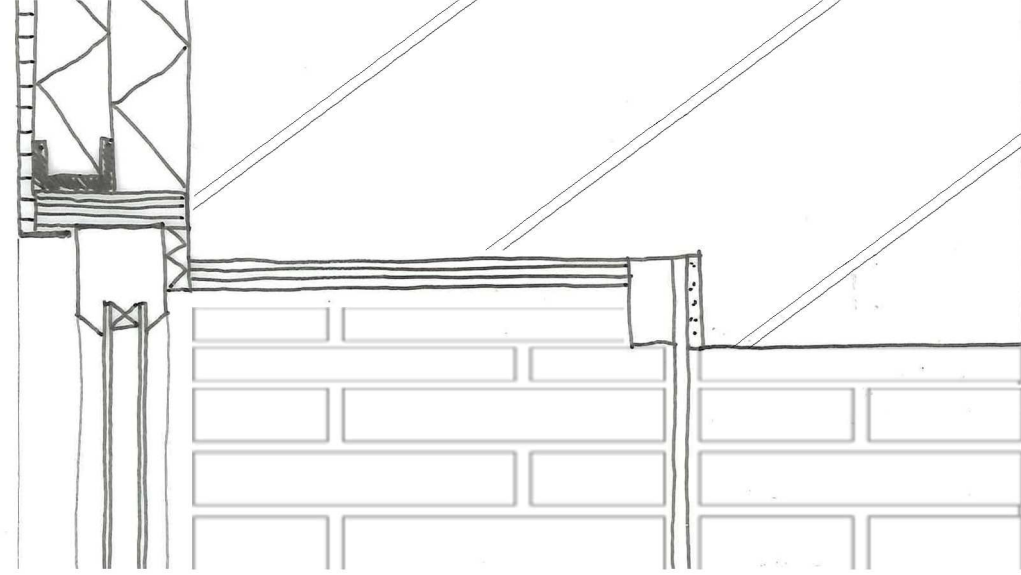




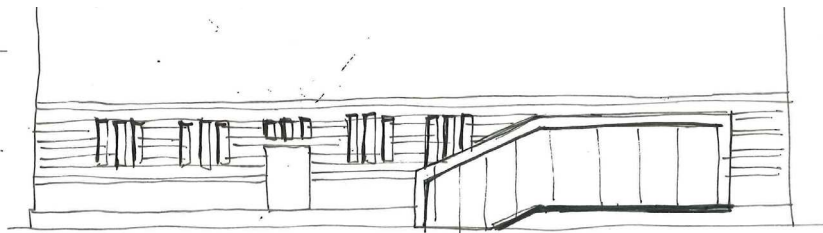






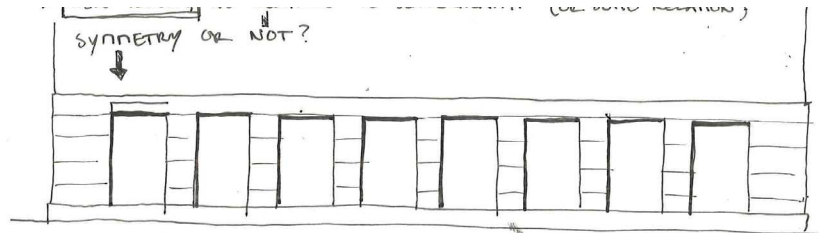




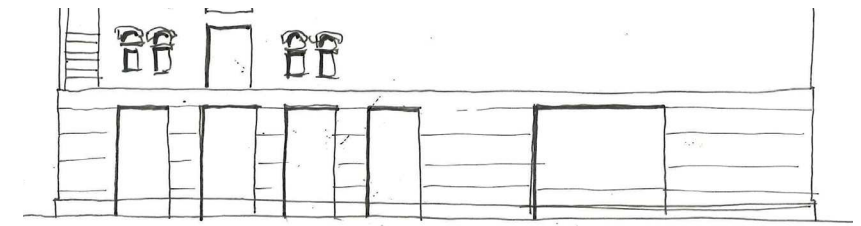


↑ STILL NO EYE-LEVEL CONTACT.

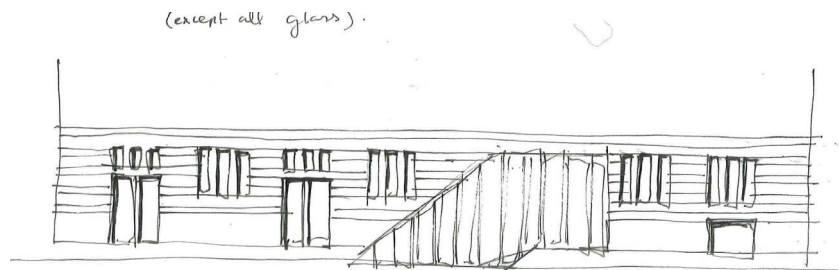
↑ only indicates entrance here. This doesn't add to lively & -pennet



SYMMETRY OR NOT?



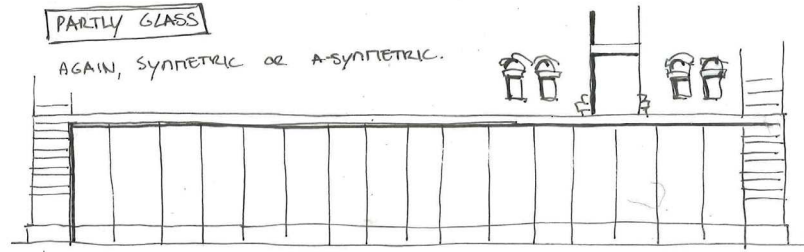
NEW PLINTH, NO RELATION TO UNDERNEATH. (OR SOME RELATION)
SYMMETRY OR NOT?



(except all glass).

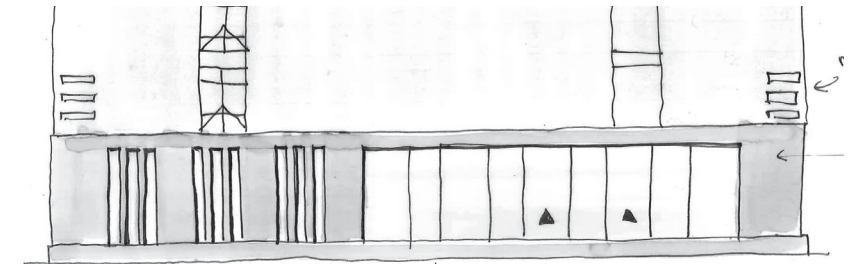
+ original openings in the plinth.

↑ create addition (in these space)



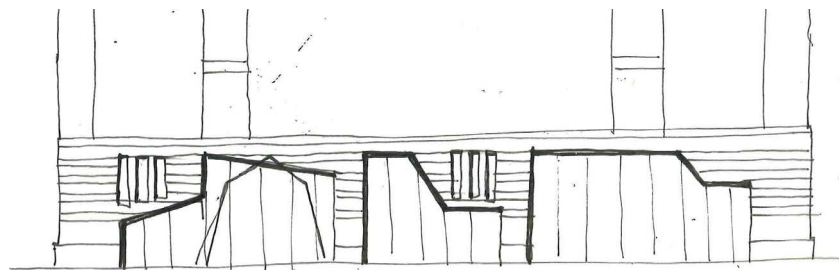
PARTLY GLASS

AGAIN, SYMMETRIC OR ASYMMETRIC.



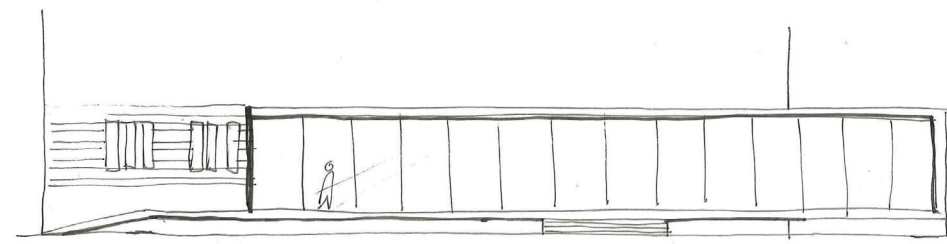
WORK/CAFE OPEN but with a little bit more privacy

CORRESPONDING WITH FUNCTION
ENTRANCE AREA INVITING

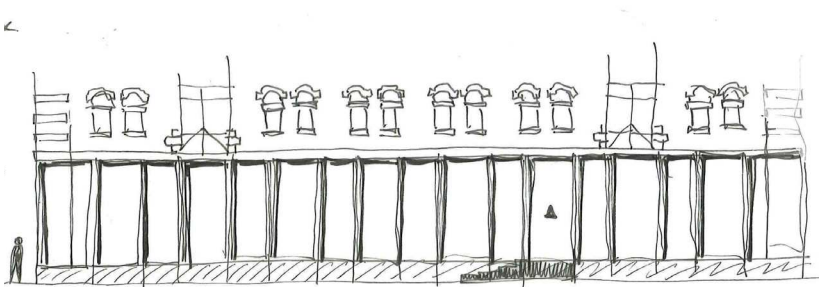
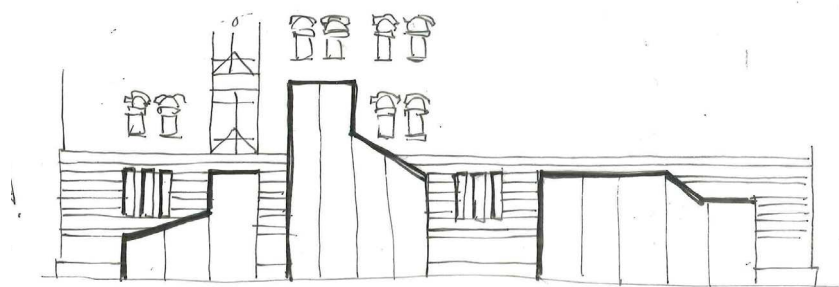


HOE ZIT DE PLINT???
exclusie van verdept?

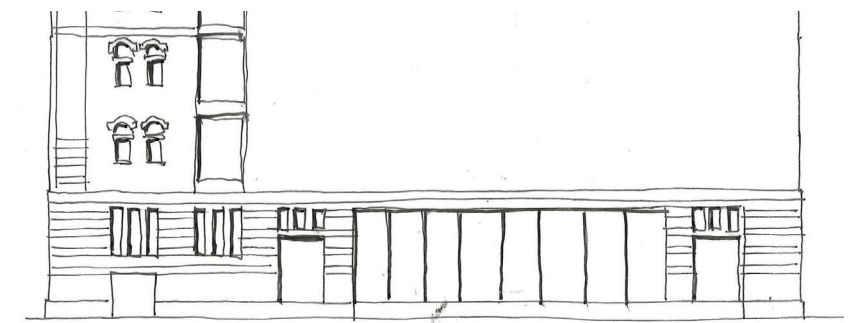
↑ valt greener over restoratie openingen.

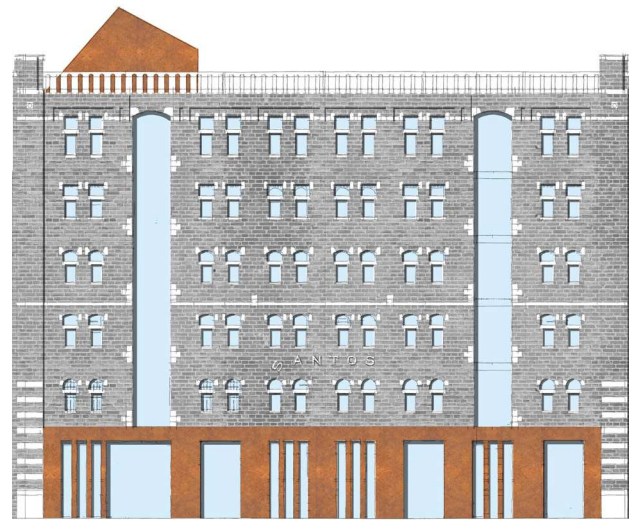


however, this approach actually works slightly against the connection on eye-level, as it elevates the space literally.



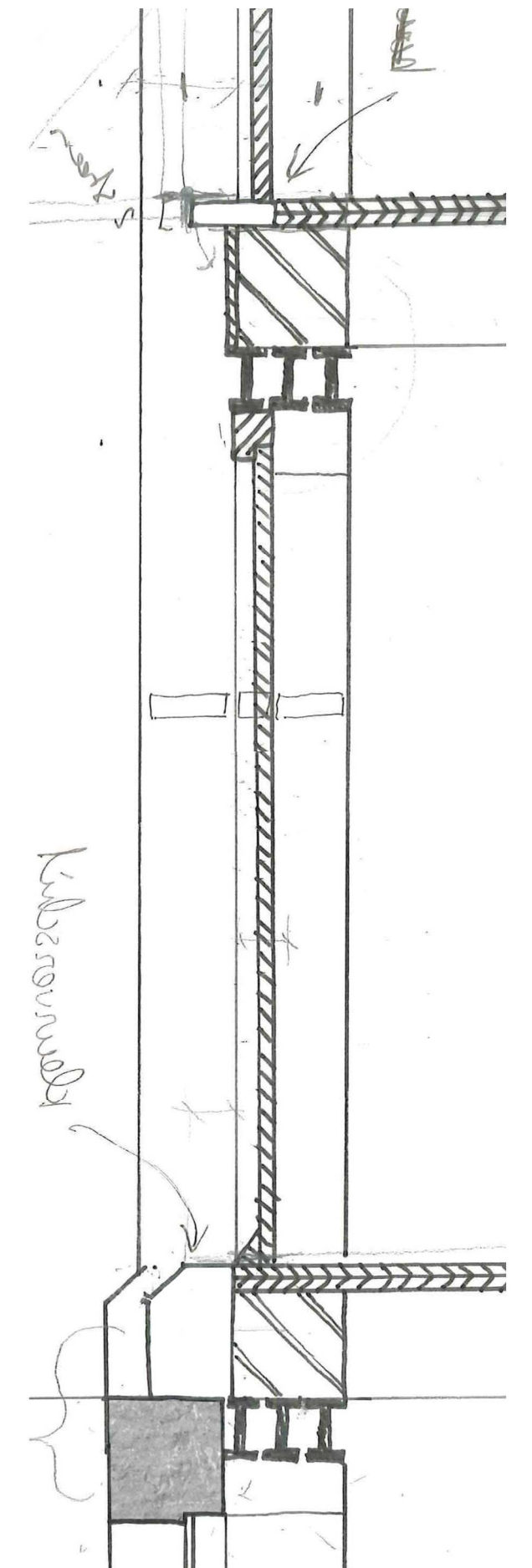
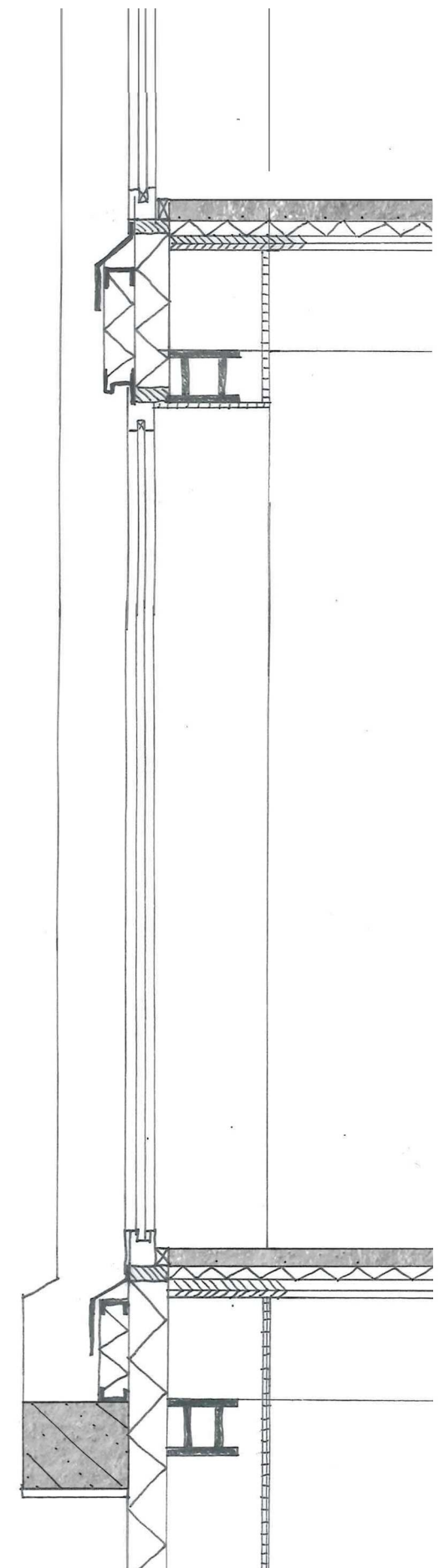
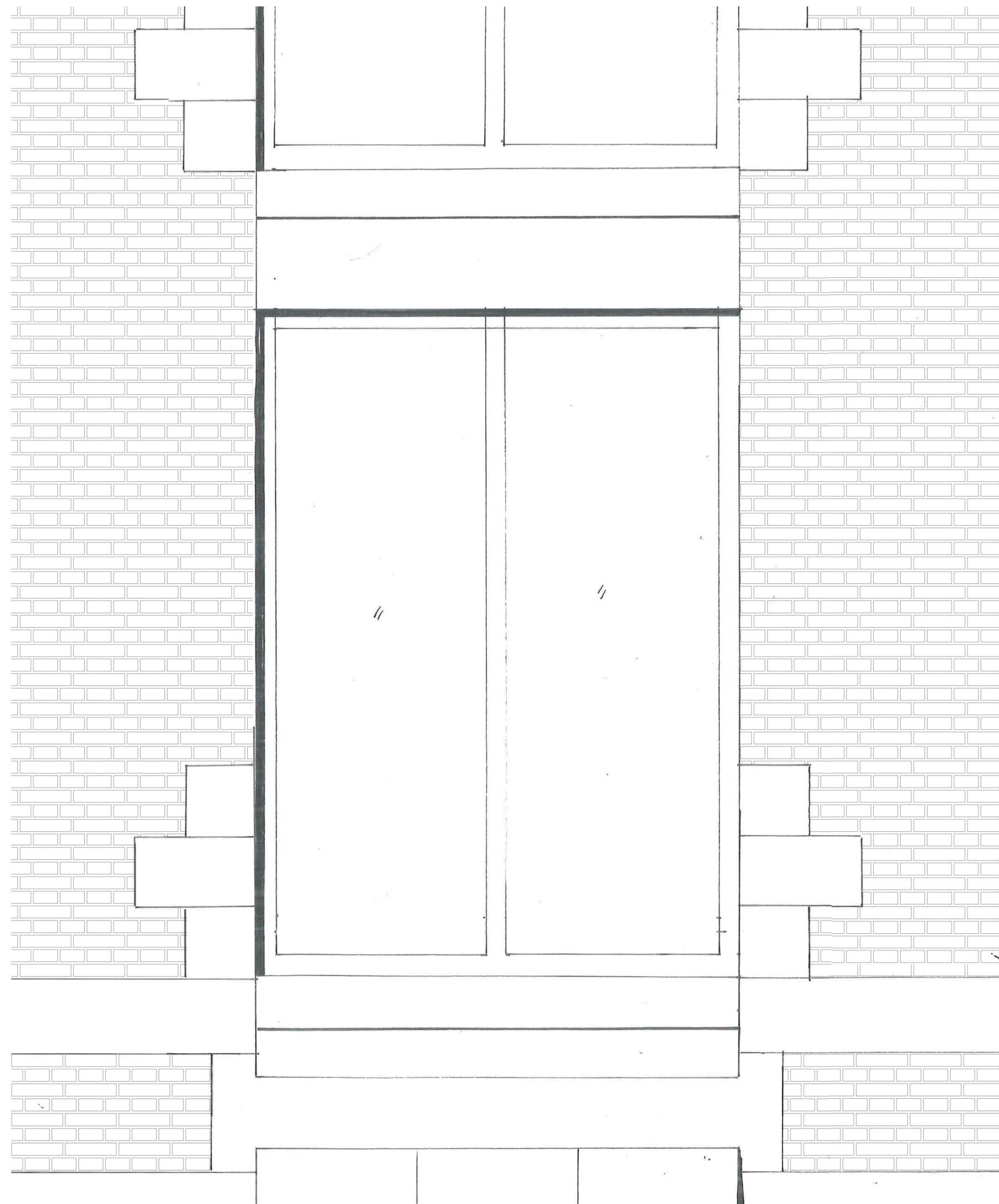
↑ complete





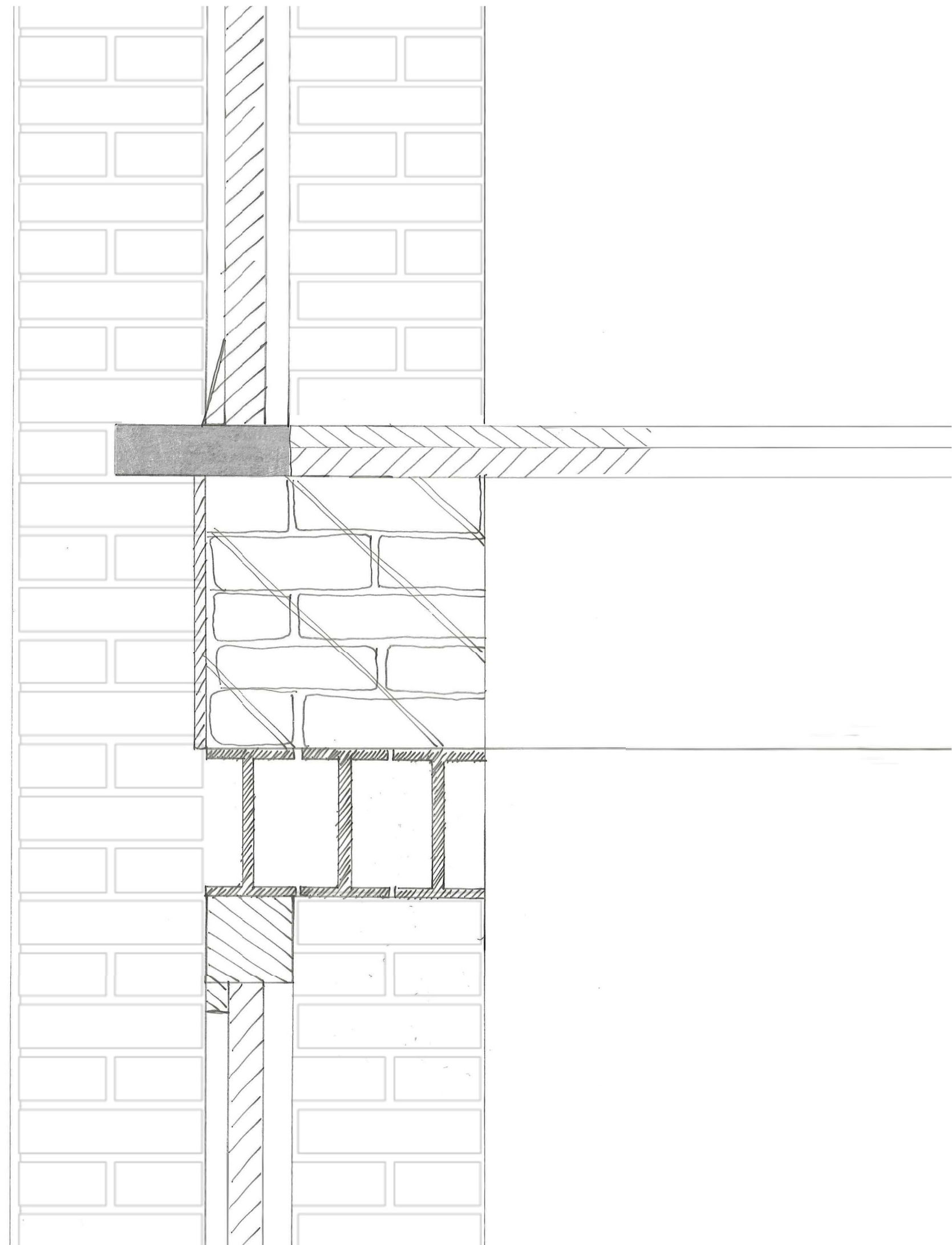


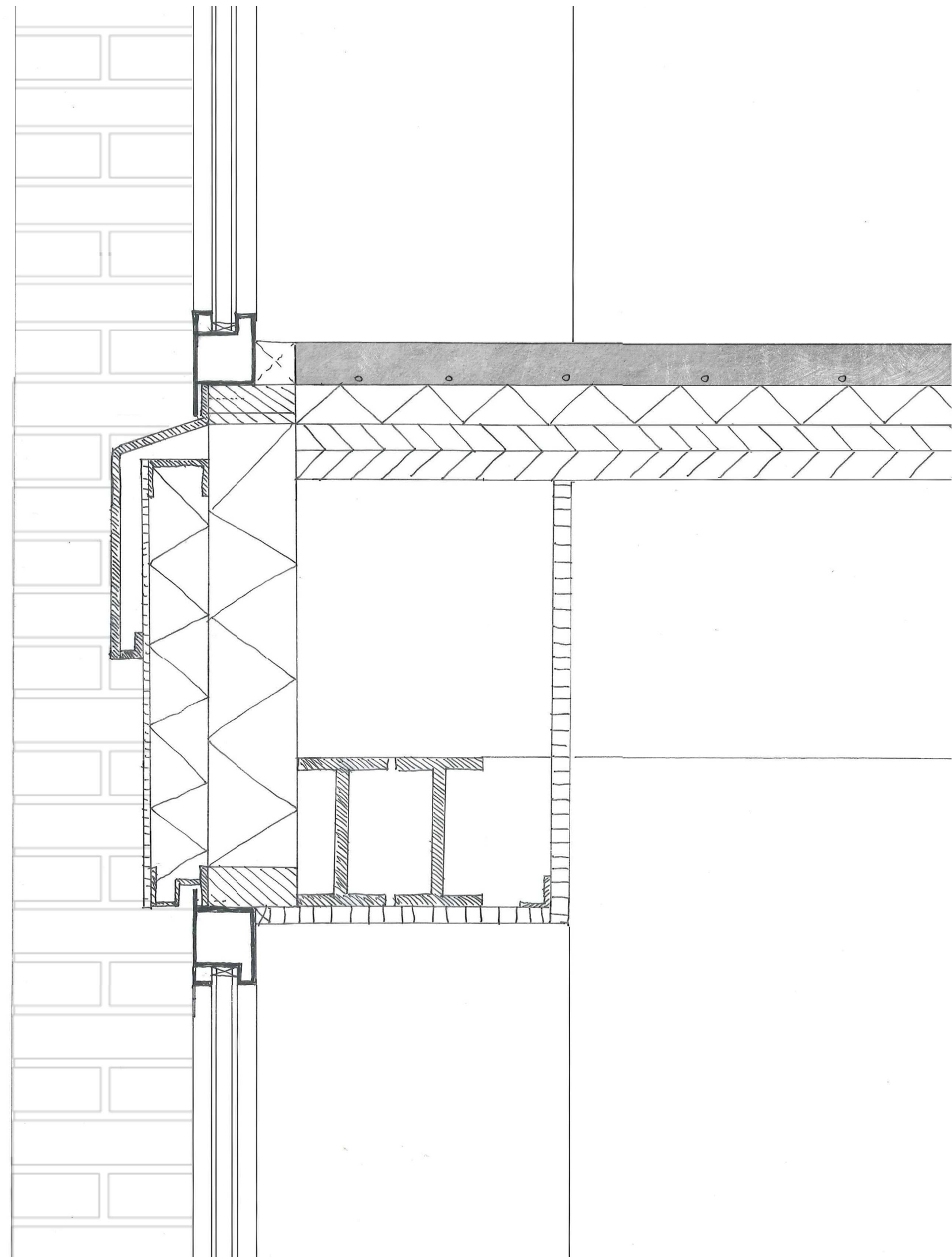
LOADING DOORS



LOADING DOORS; EXISTING & NEW, 1:20

LOADING DOORS: EXISTING 1:5





LOADING DOORS: INTERVENTION, 1:5



THANK YOU