EDUCATION BRIDGING THE GAP





RESEARCH URBAN

SITE MASTER PLAN

ARCHITECTURE

CONCEPT PROGRAM

BUILDING TECHNOLOGY

MATERIALISATION STRUCTURE CLIMATE DESIGN

USA

International Border

RESEARCH

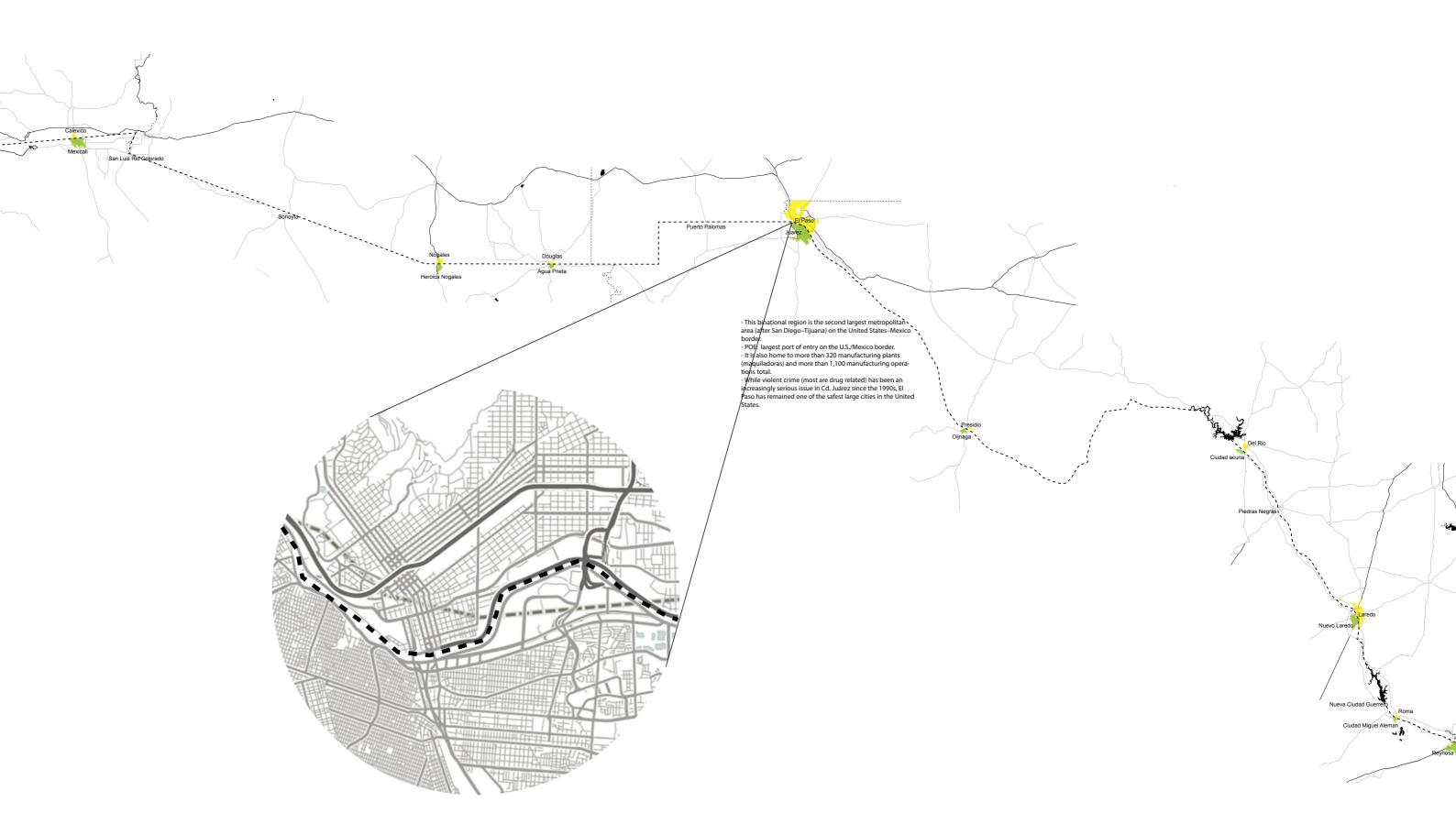
Population Area Density Capital Largest City 318,534,000 9,826,630 km2 31/km2 Washington, D.C. New York City



MEXICO

Population Area Density Capital Largest City

Border City RESEARCH





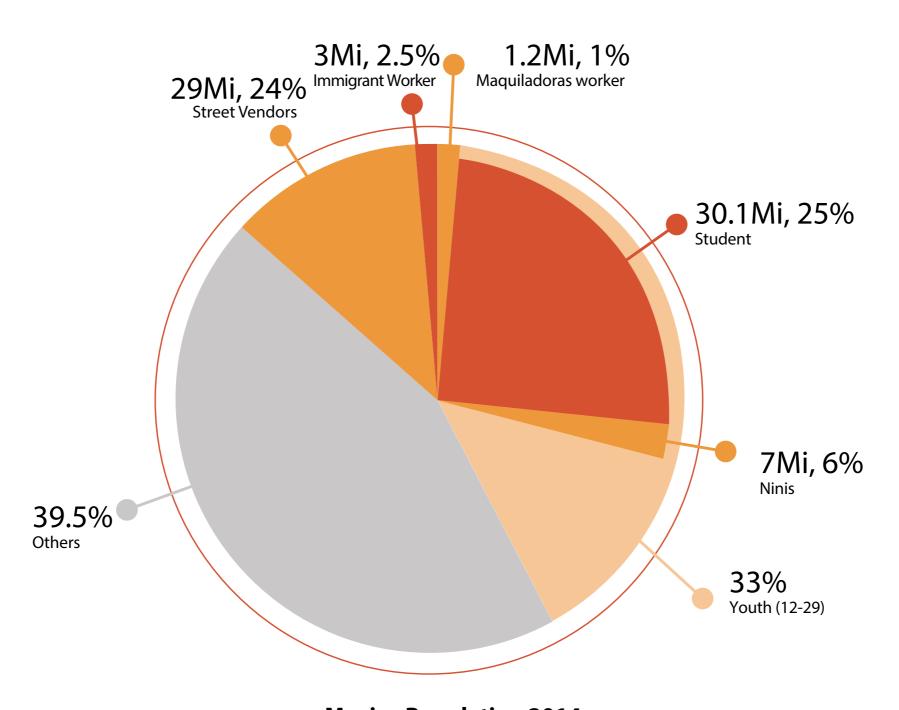




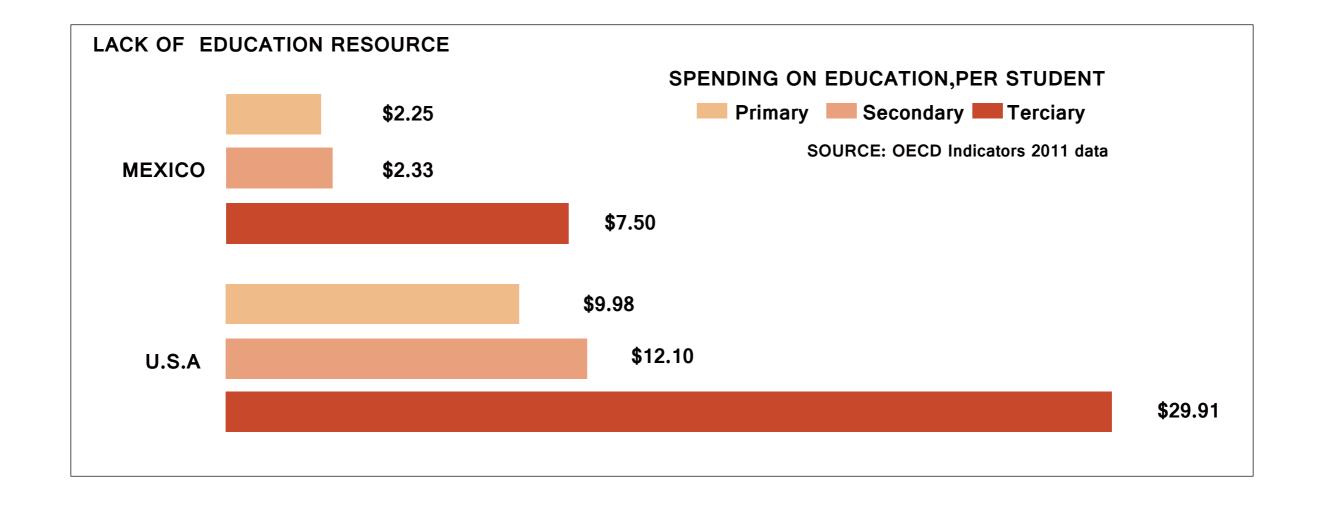




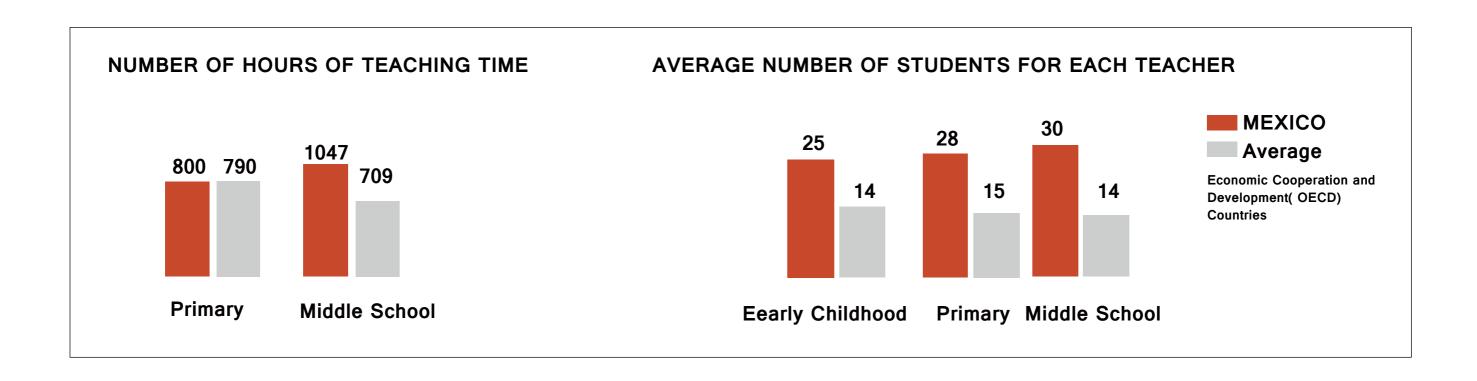


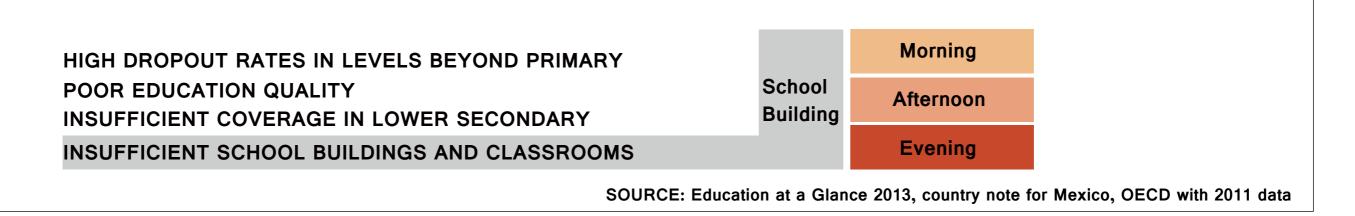


Source: CGAP Analysis Mexico's National Institute of Geographic Statistics and Information (INEGI) The National Institute of Educational Evaluation report BBC publishing in 2006 Mexicogulfreporter Mexico Population 2014 123,799,215

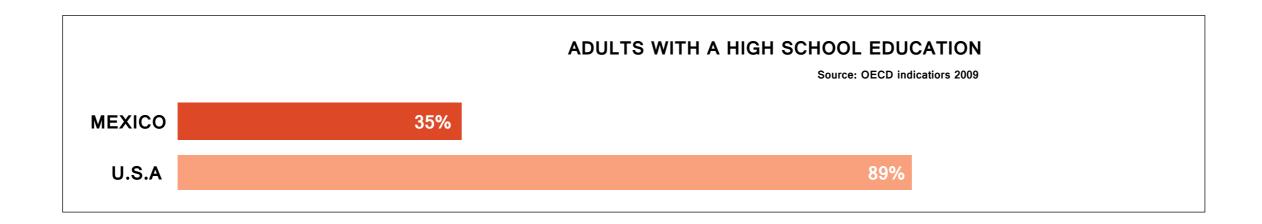


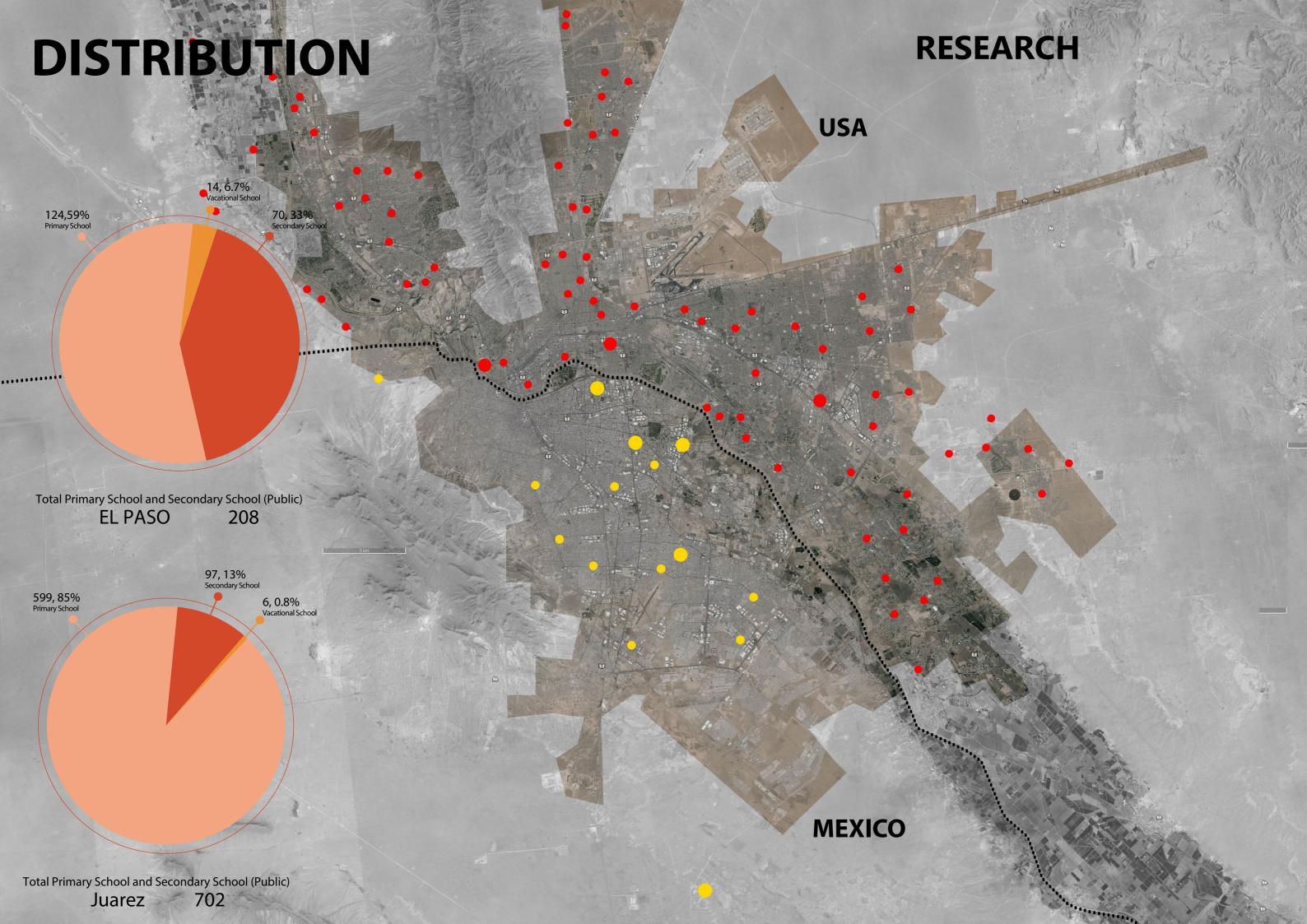
Lack Education Resource



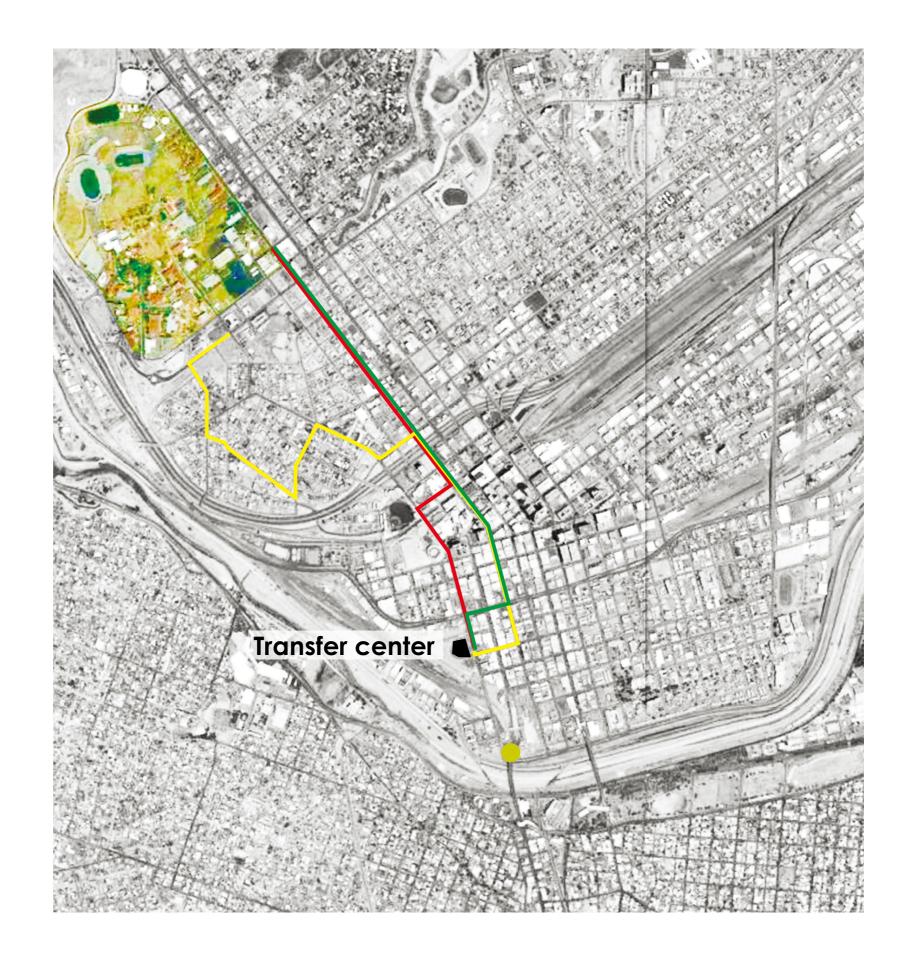


Lack Education Resource



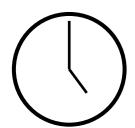






COMMUTER RESEARCH

Daily routine of student commuters



5-6 am

Get up and prepare for school, catch a bus to DCL.



7 am
Arrived at DCL, join the line and cross the border.



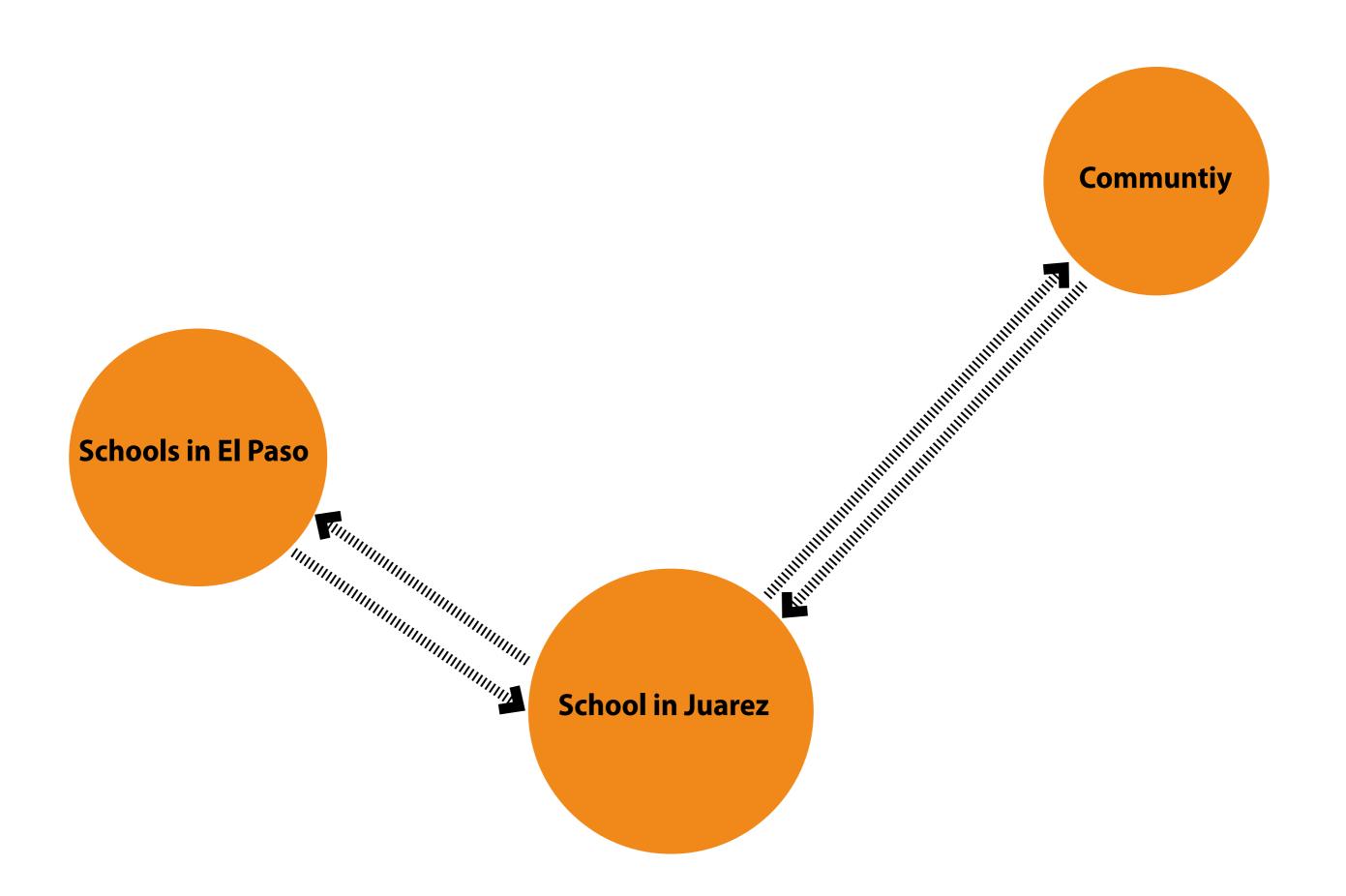
8 am
Catch another bus to class, or walk to school nearby.



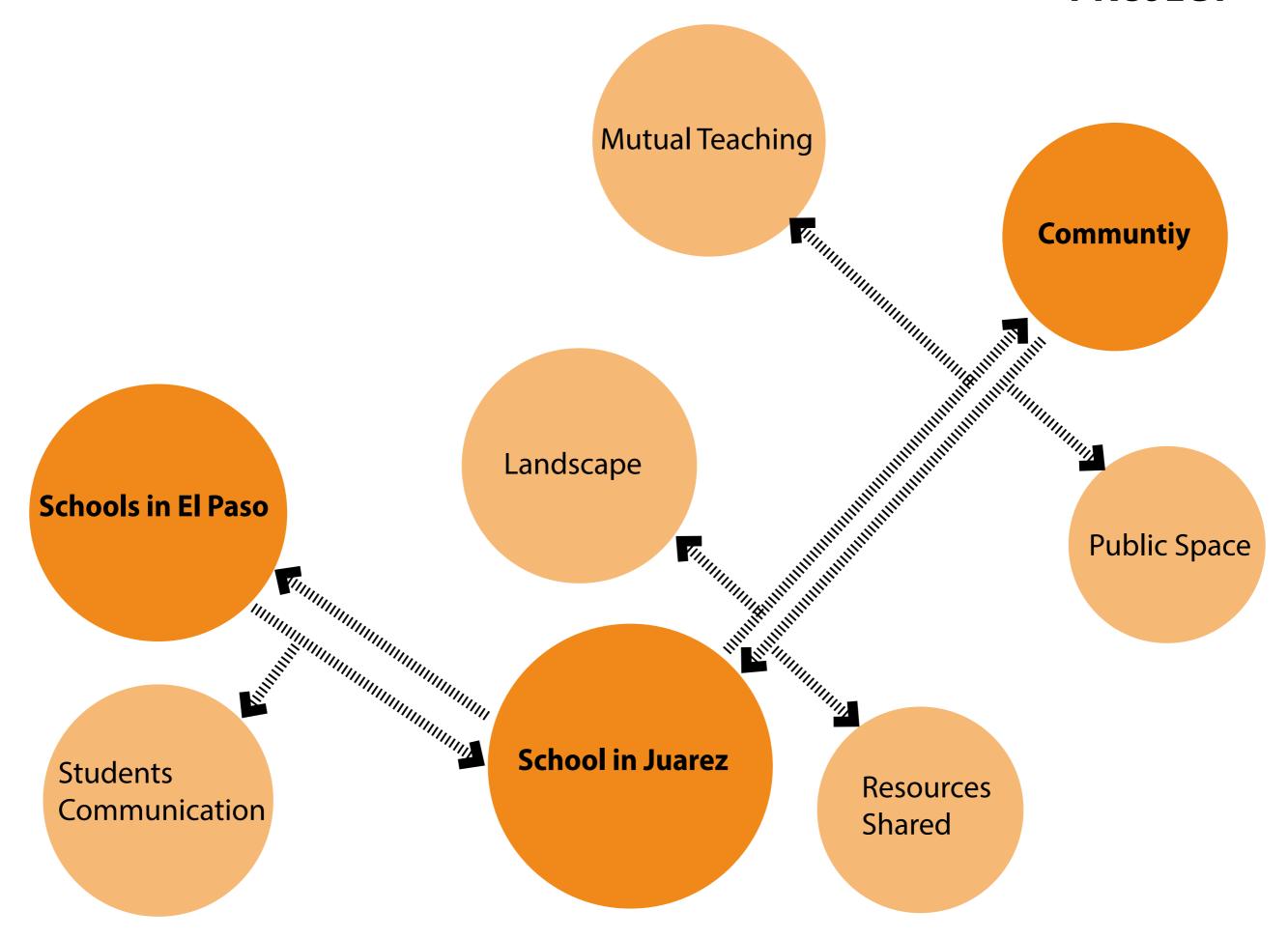




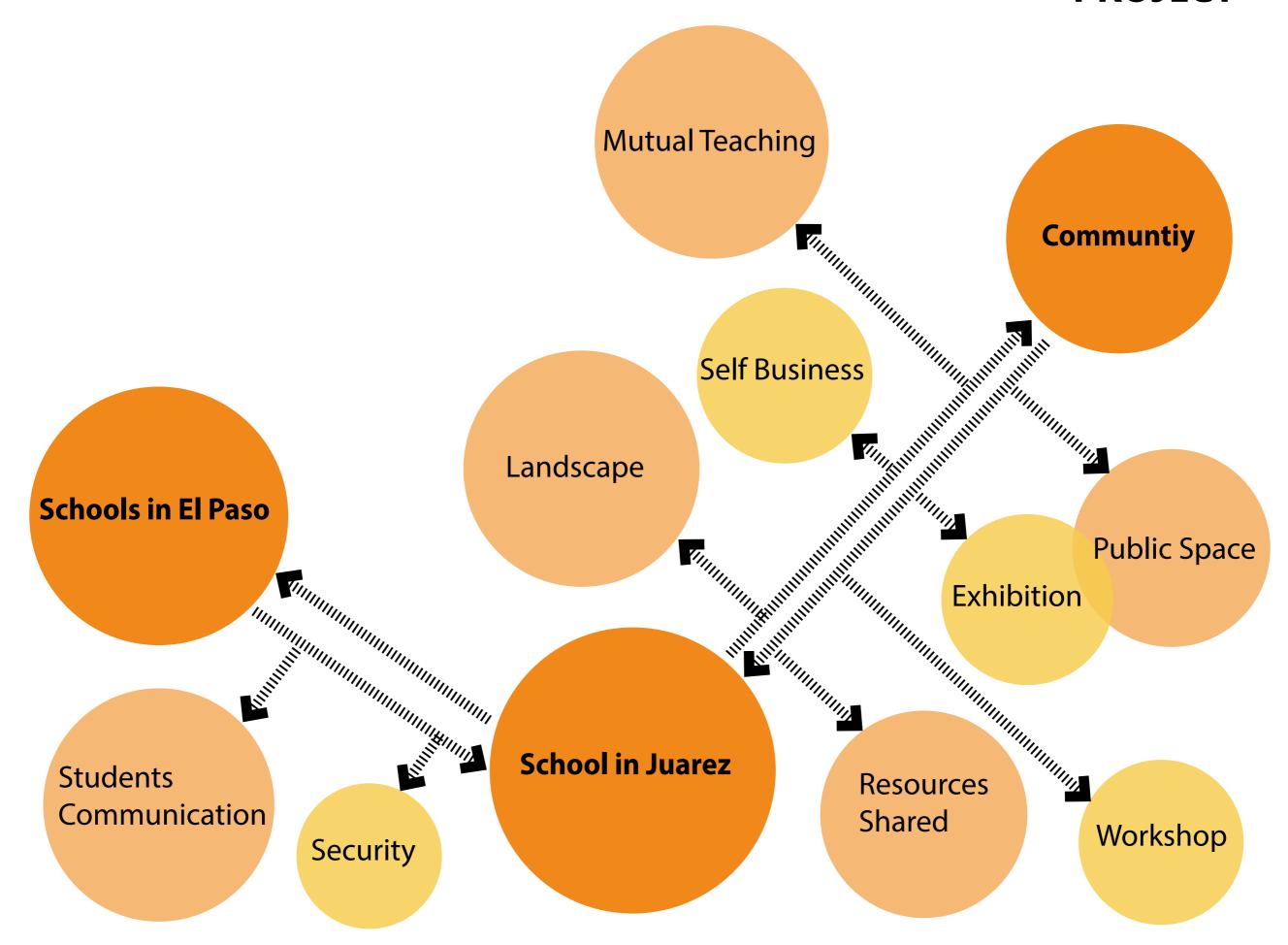


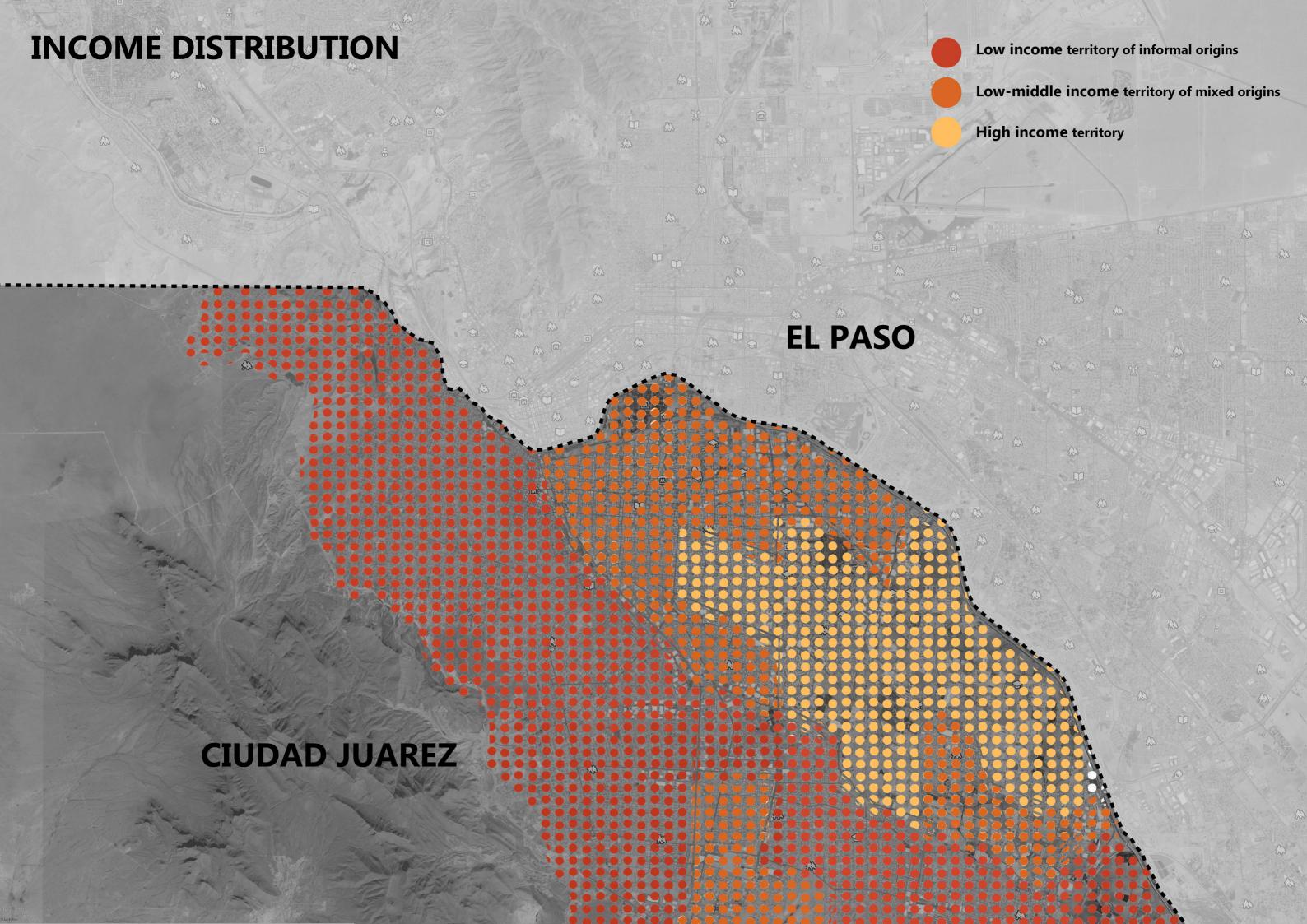


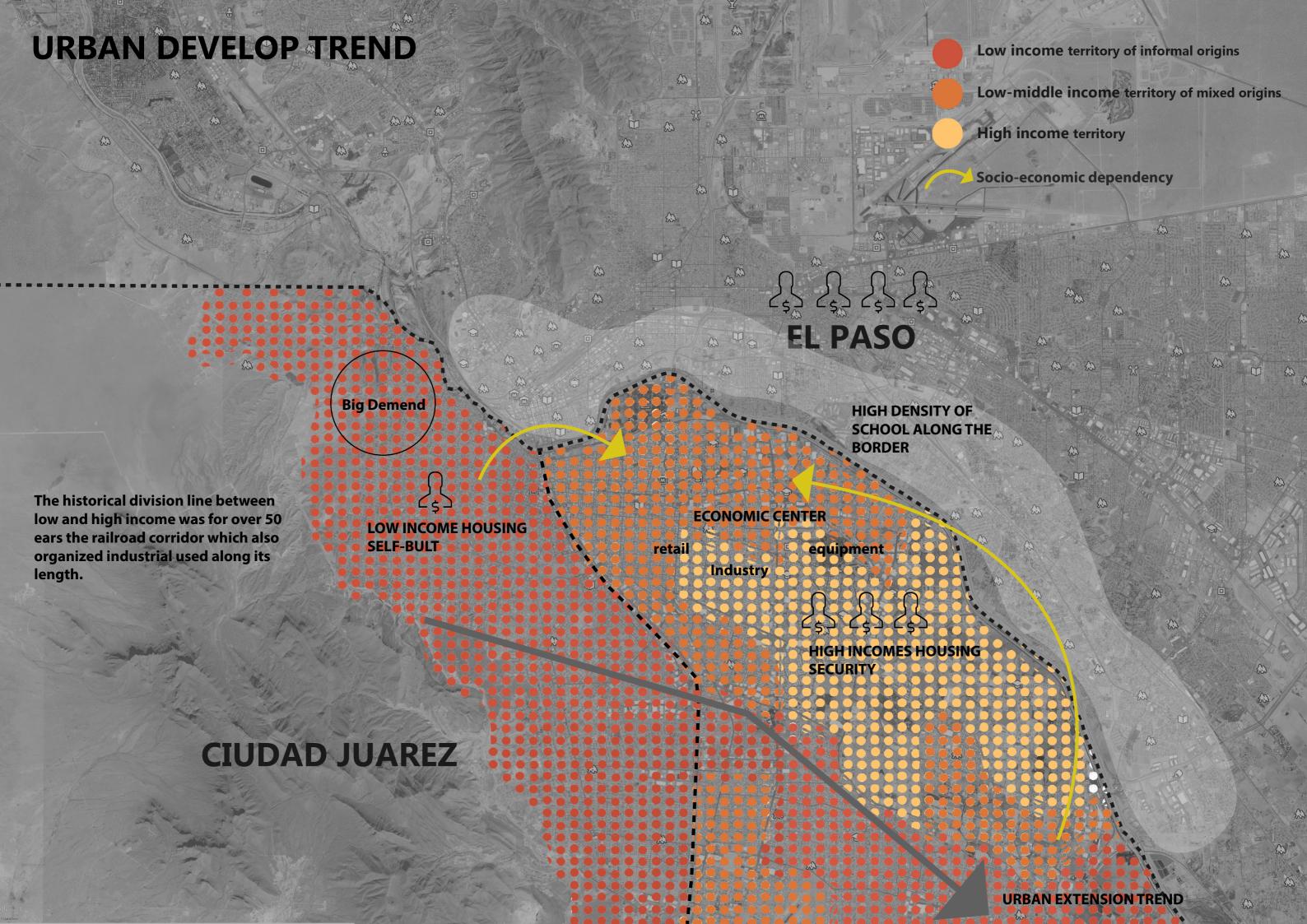
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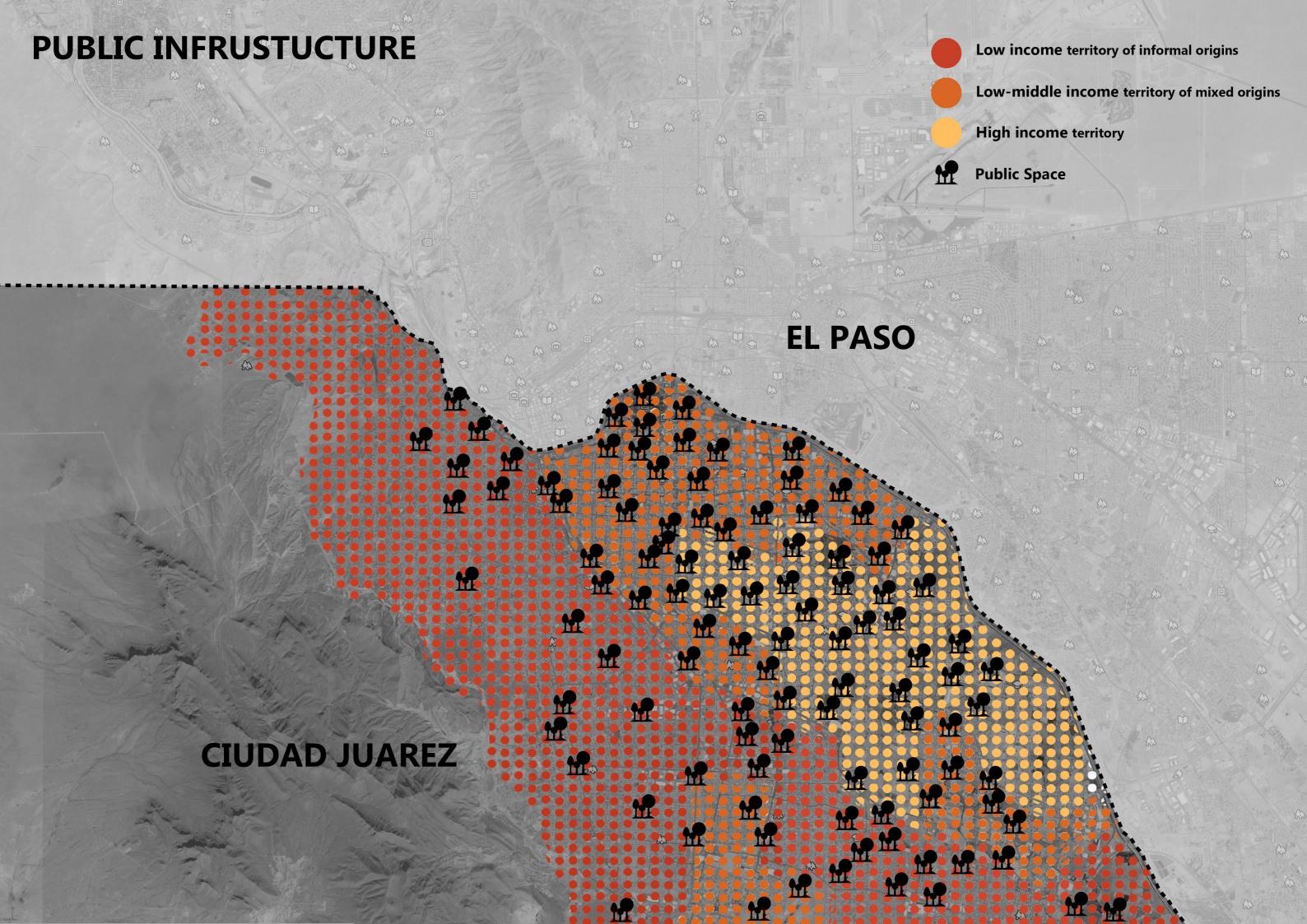


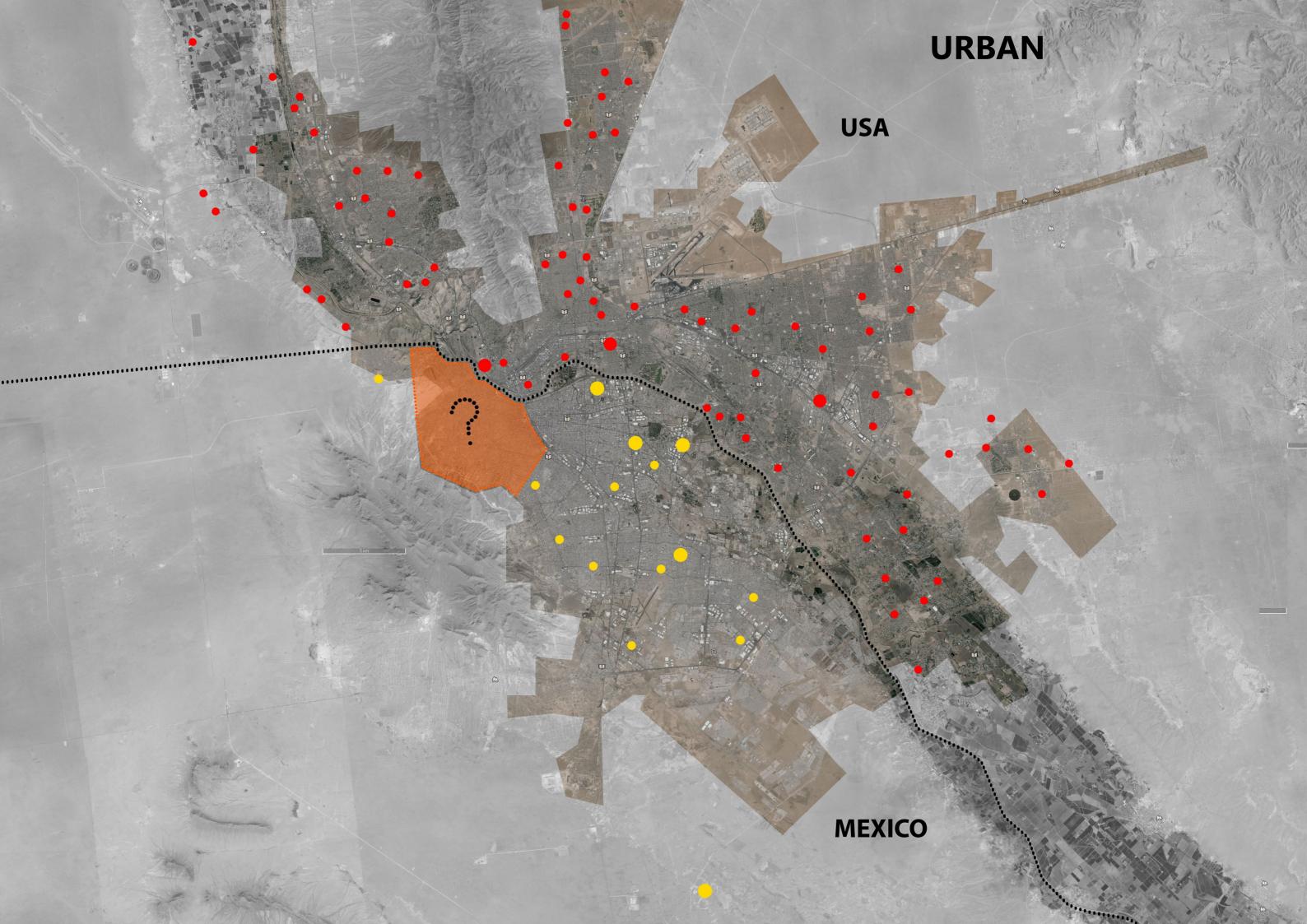
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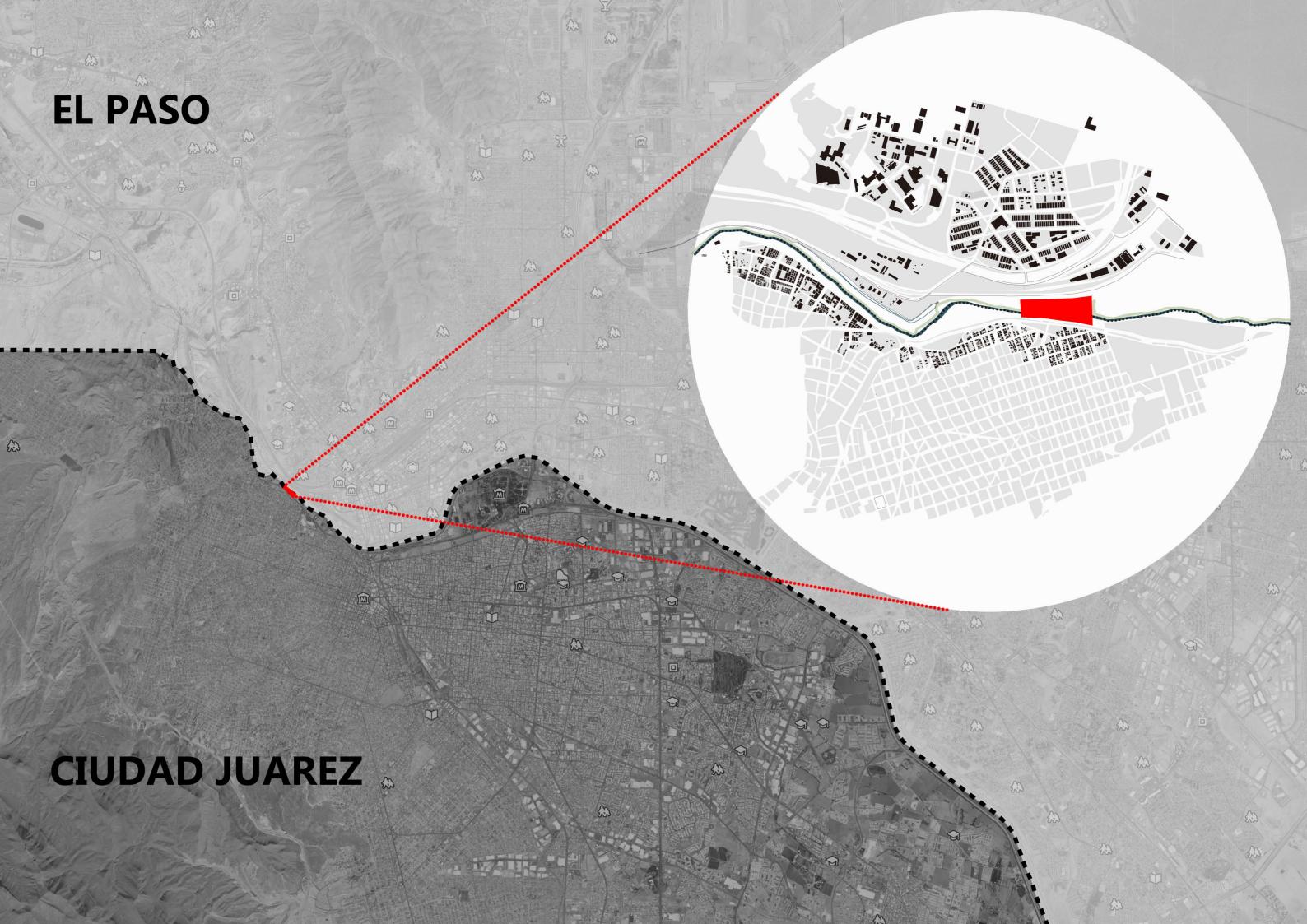






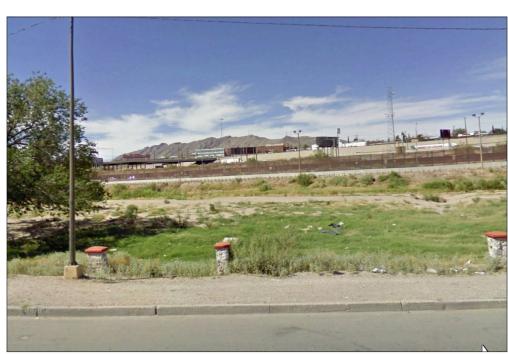






SITE site photo











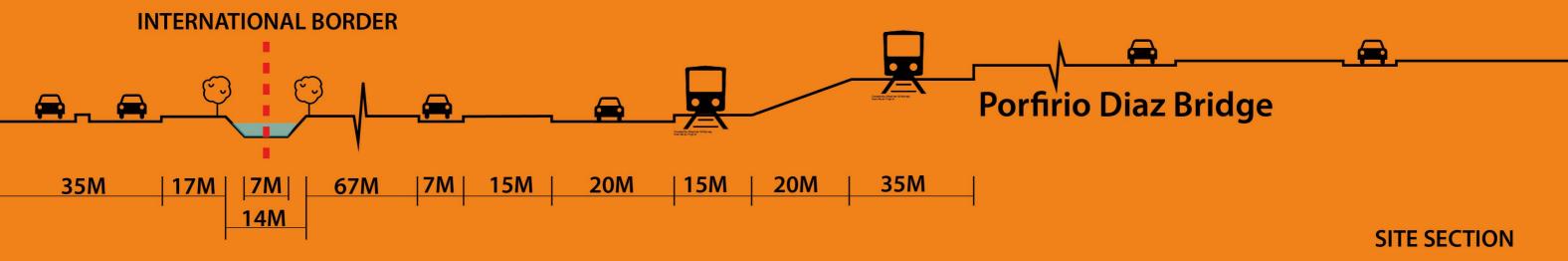


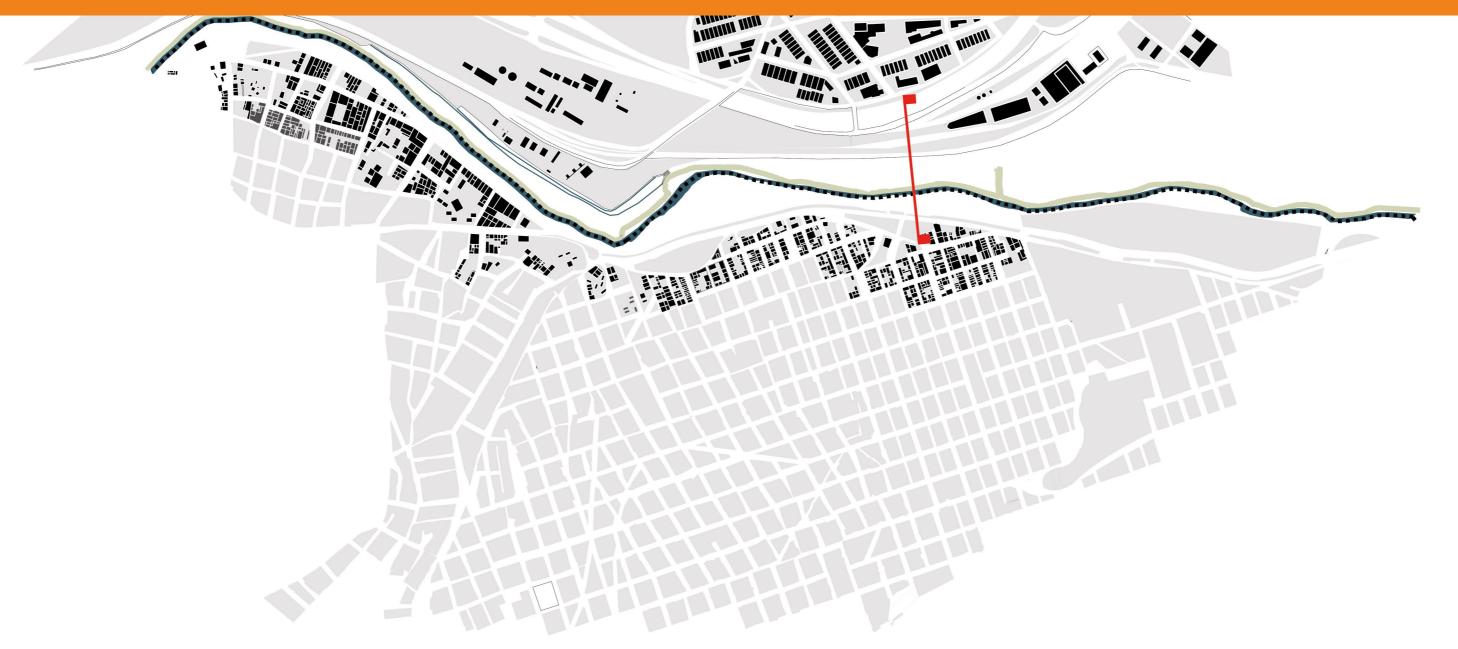




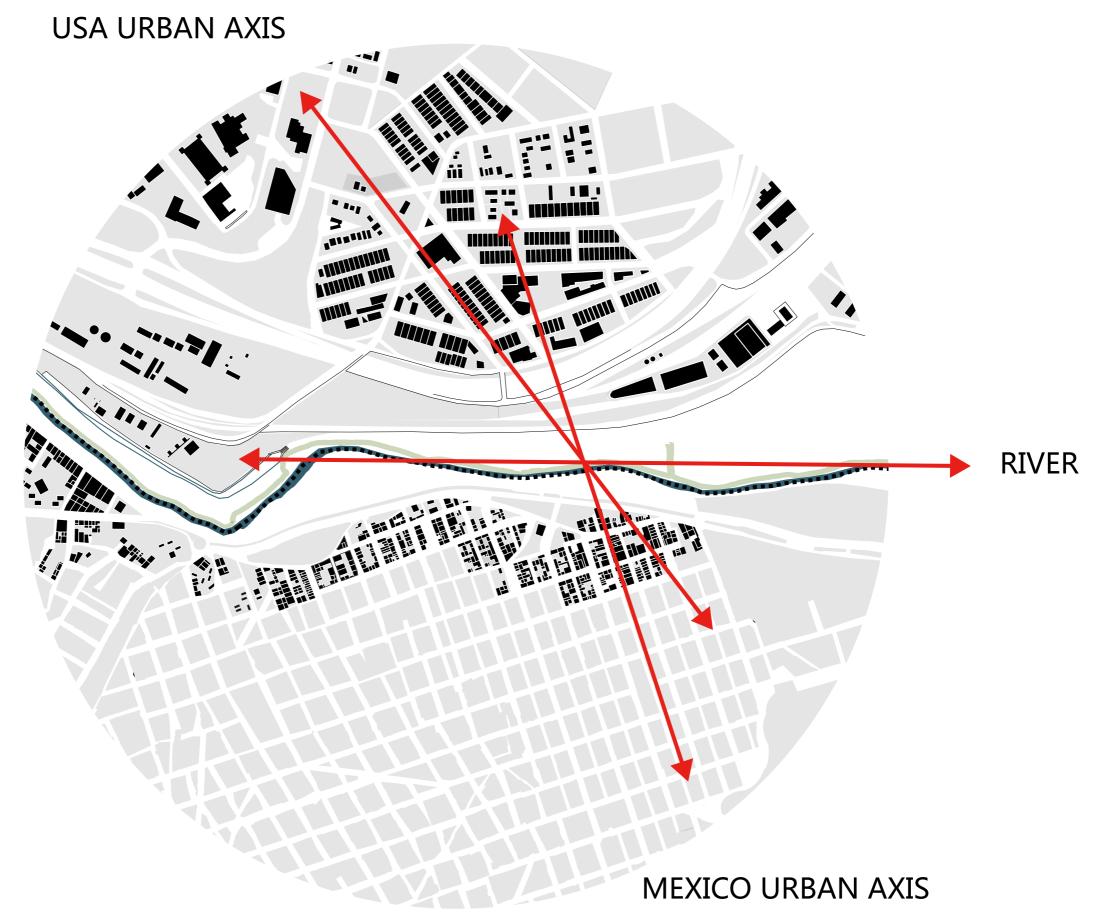






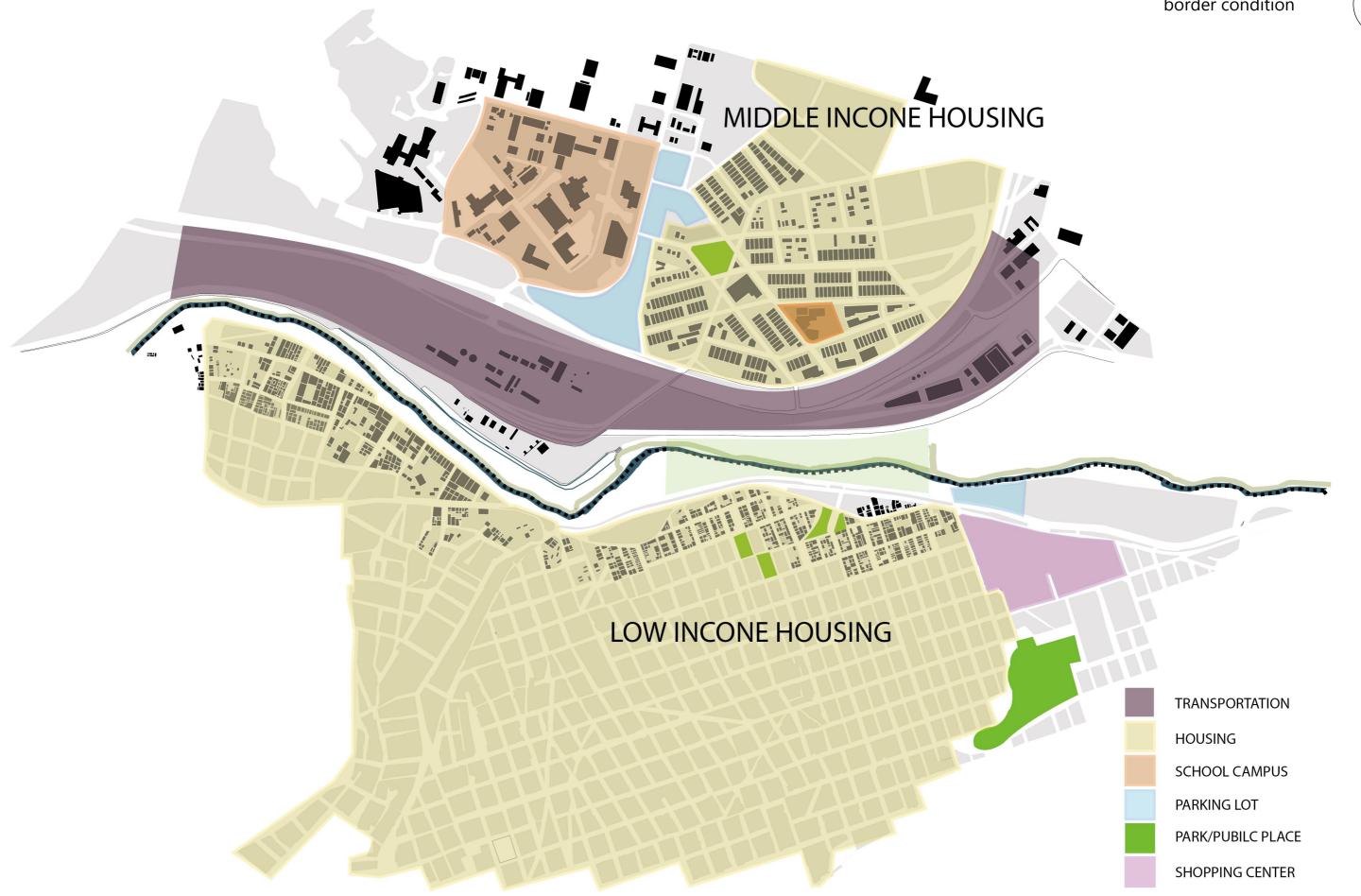














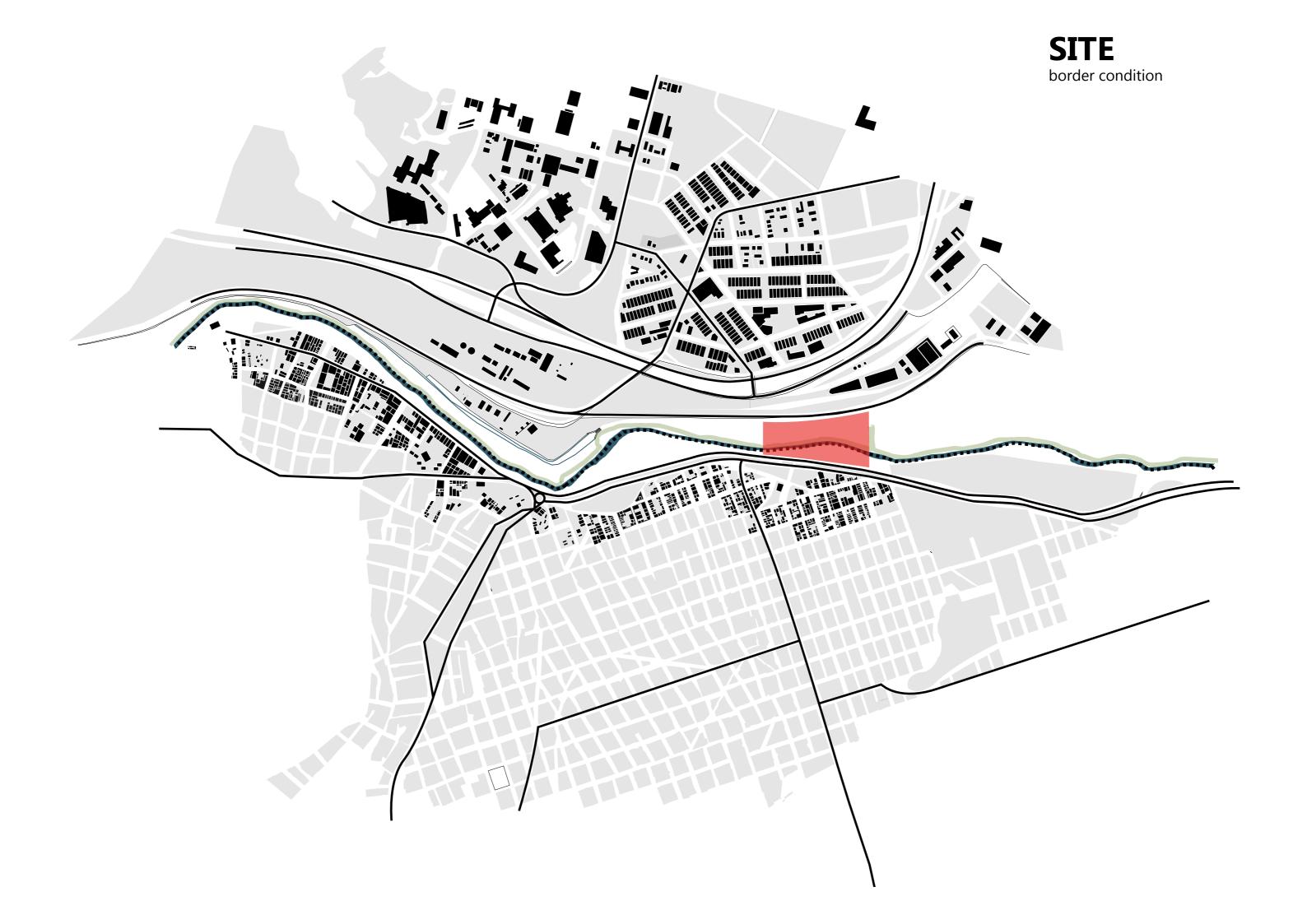












ARCHITECTURE

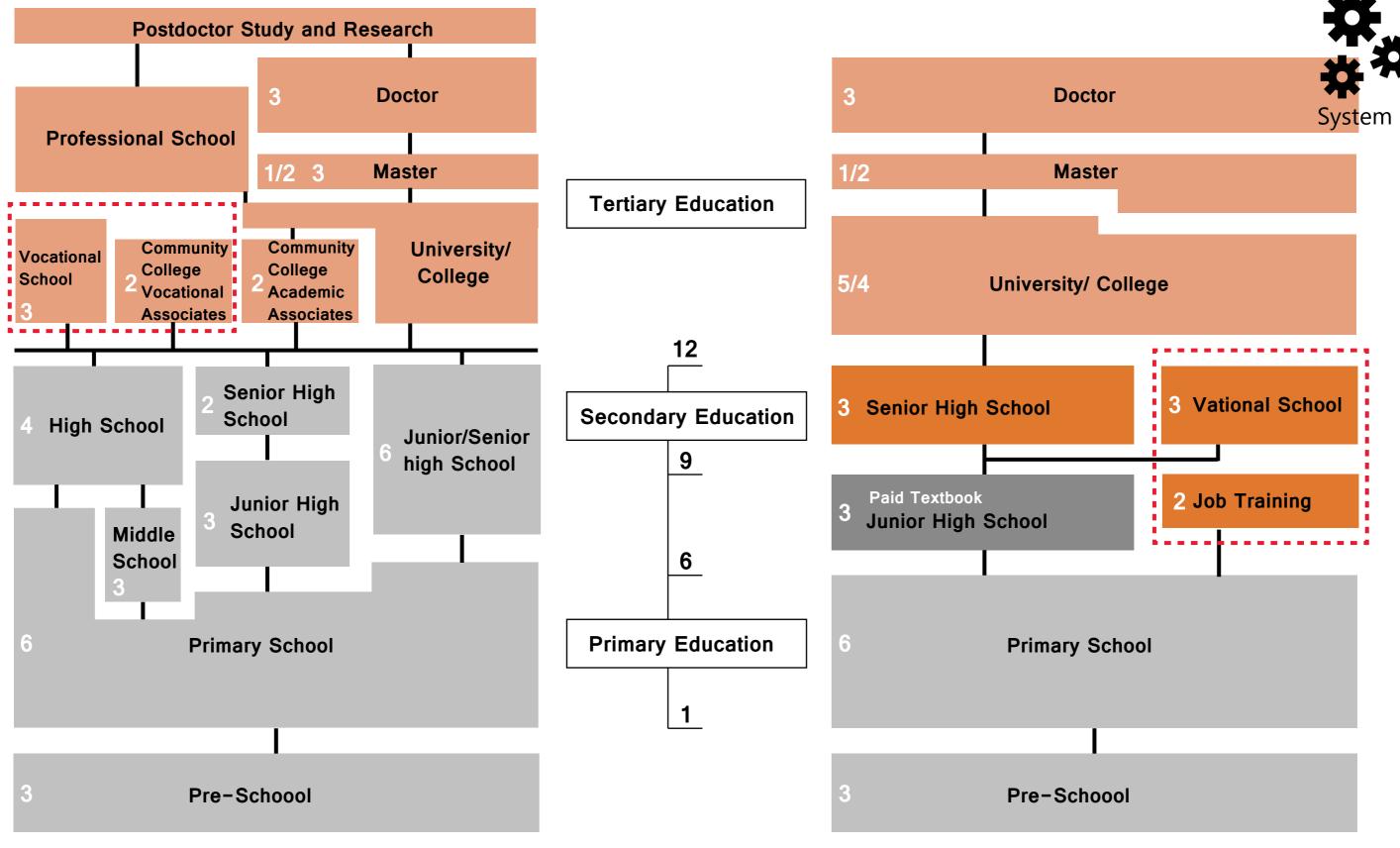




Different Education

Mexico Education System





Compulsory / Free Education

U.S.A Education System

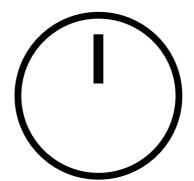
Compulsory / Free Education

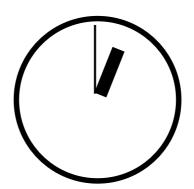
Different Education







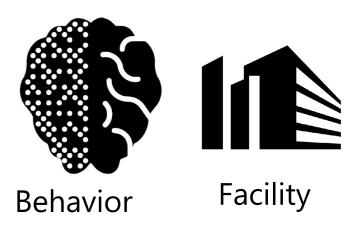




Different EducationSTRATEGY









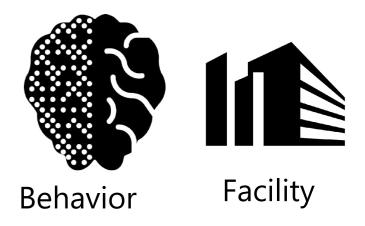


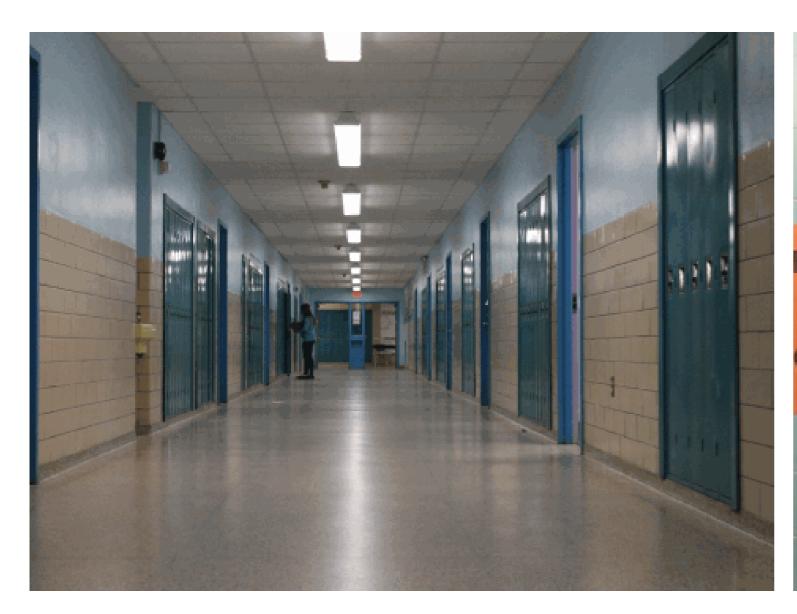
Different Education













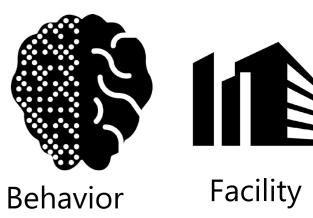
Freedom to Express

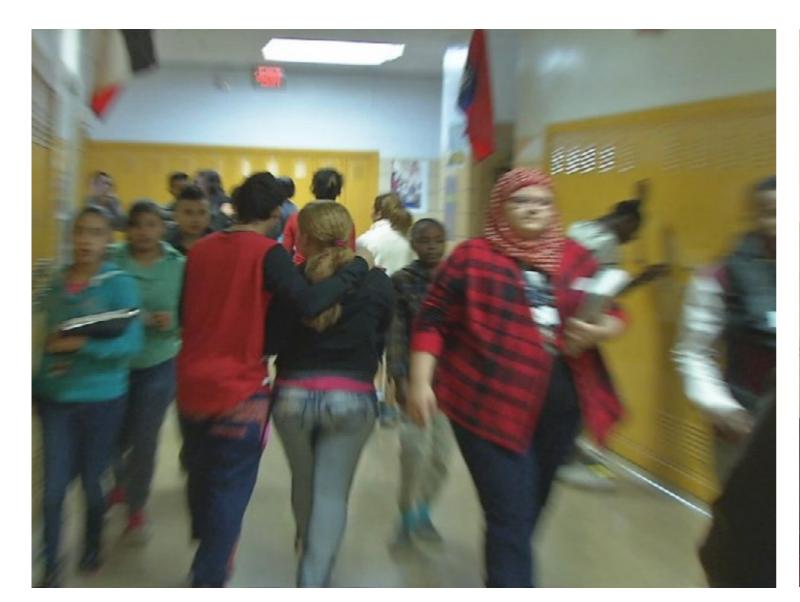
Different Education











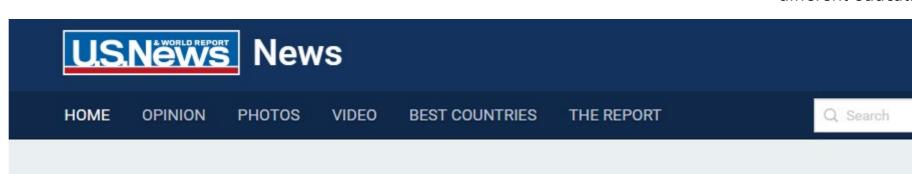


Teaching Mode



Bridging the differences: Cultural background of Mexican students entering U.S. schools

BY MARY FAITH MOUNT-CORS



Mexican Immigrants Prove Slow to Fit In

Monday, October 20, 2014

The teachers schools do not fit within Mexico's neoliberal economic model

Puebla Directo (October 18, 2014)

Fragment published in Proceso, written by Jose Gil Olmos.

Translated by un vato for Borderland Beat

Helgesen

UW-L Journal of Undergraduate Research XII (2009)

Mexican Immigrant Challenges in the United States Public School System: A Case Study of Two Schools



Search our co

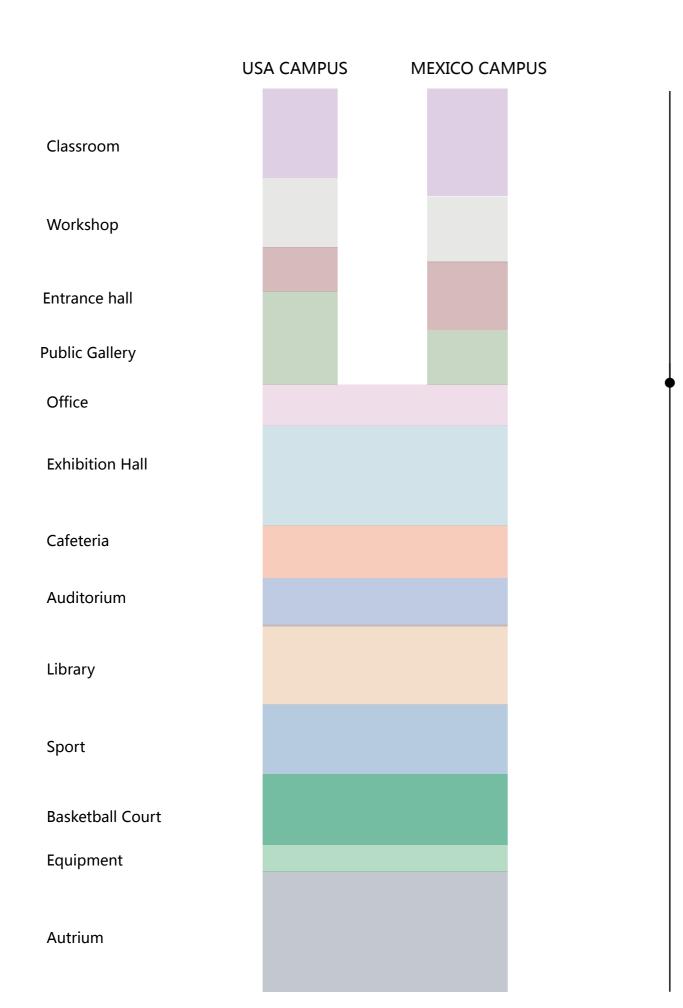
K-12 TEACHING AND LEARNING FROM THE UNC SCHOOL OF EDUCATION

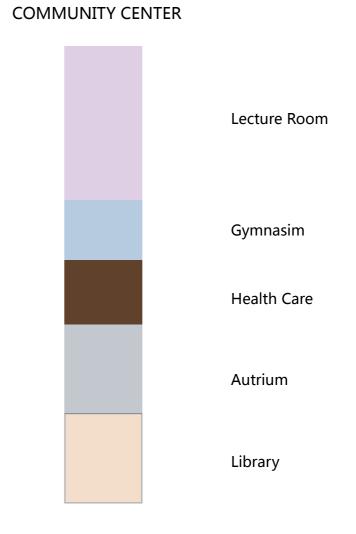
EARCH BY STAN

need, regardless of standards alignment.

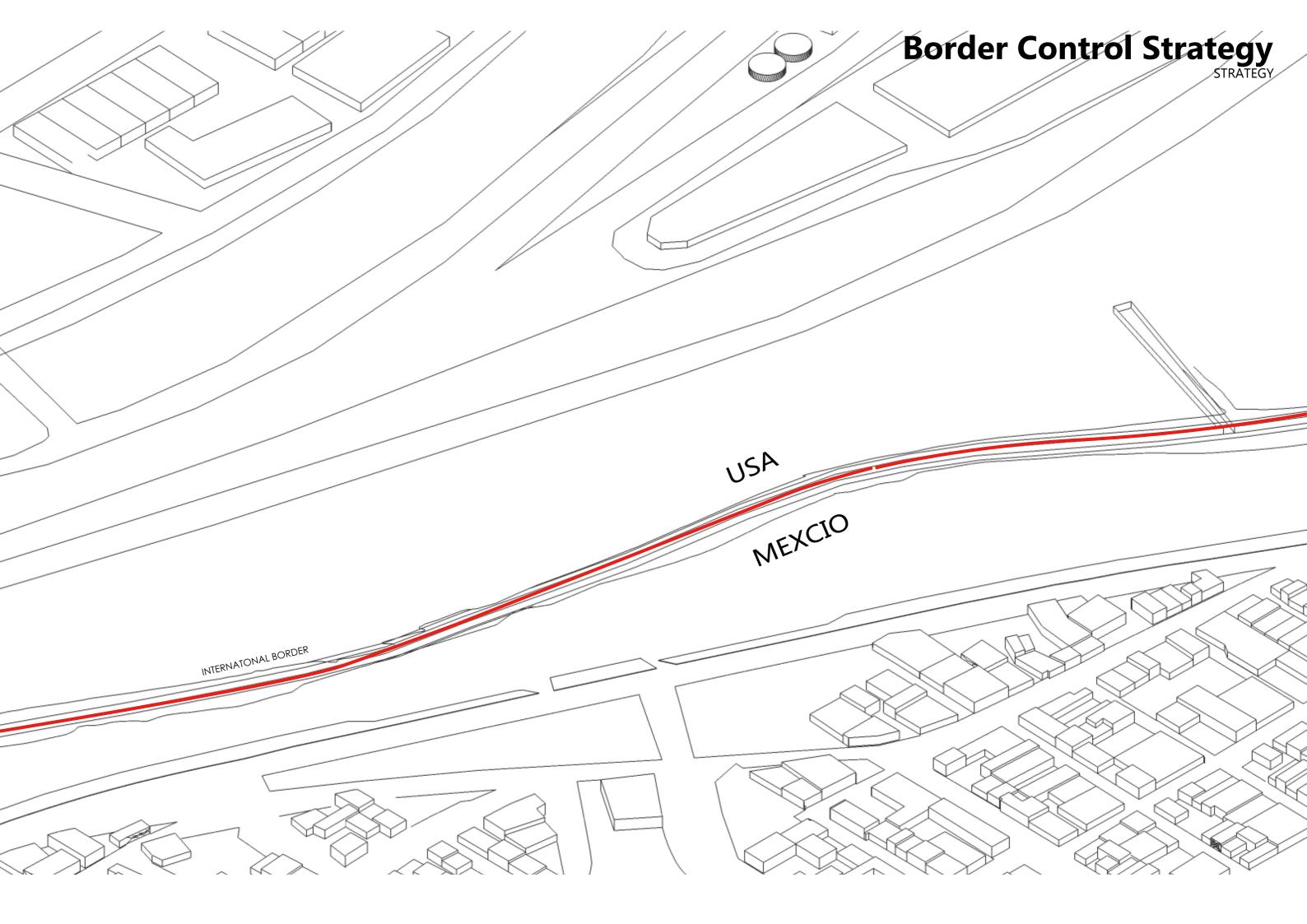
Helping students from rural Mexico feel comfortable in your classroom

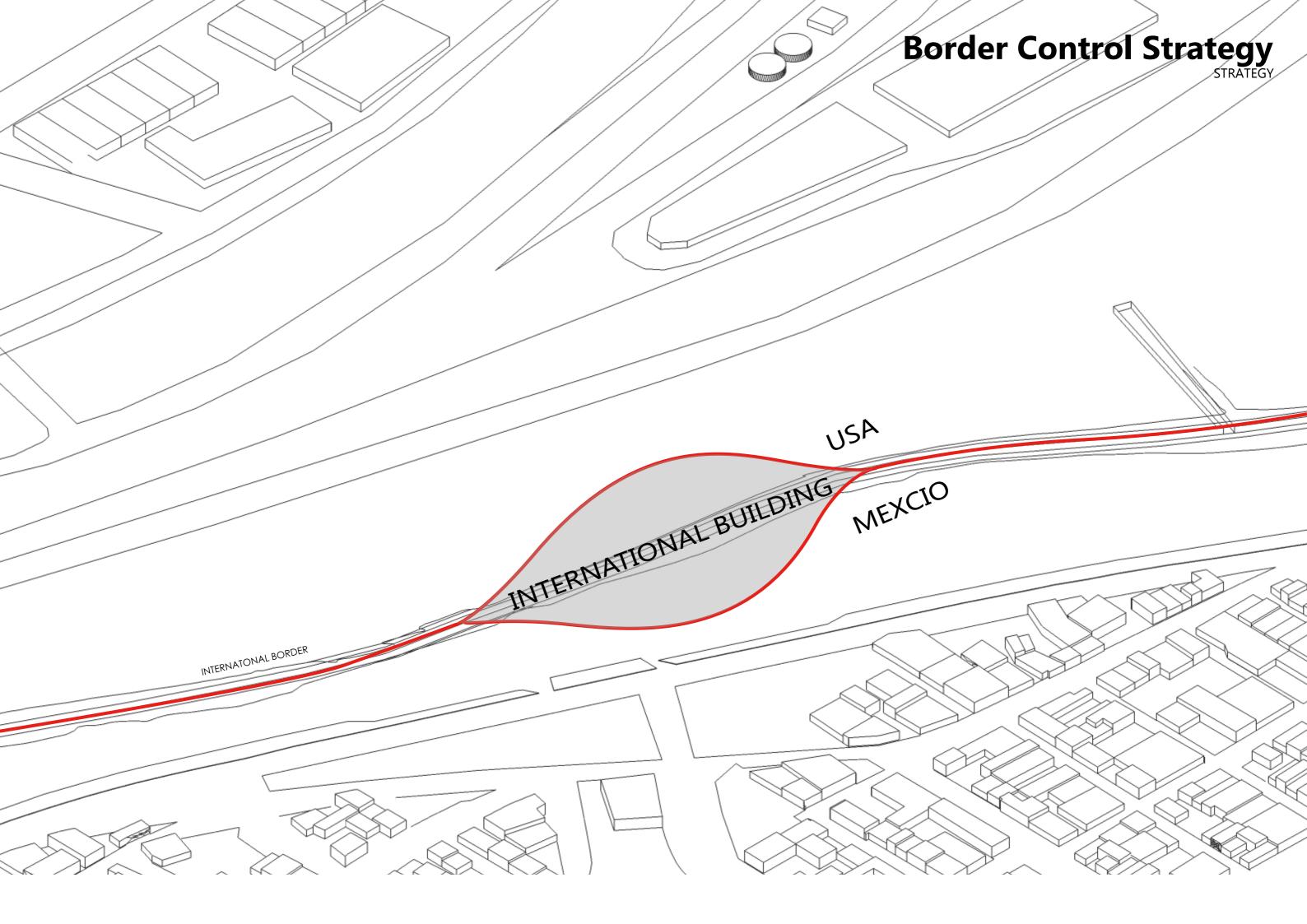
Program Organization STRATEGY

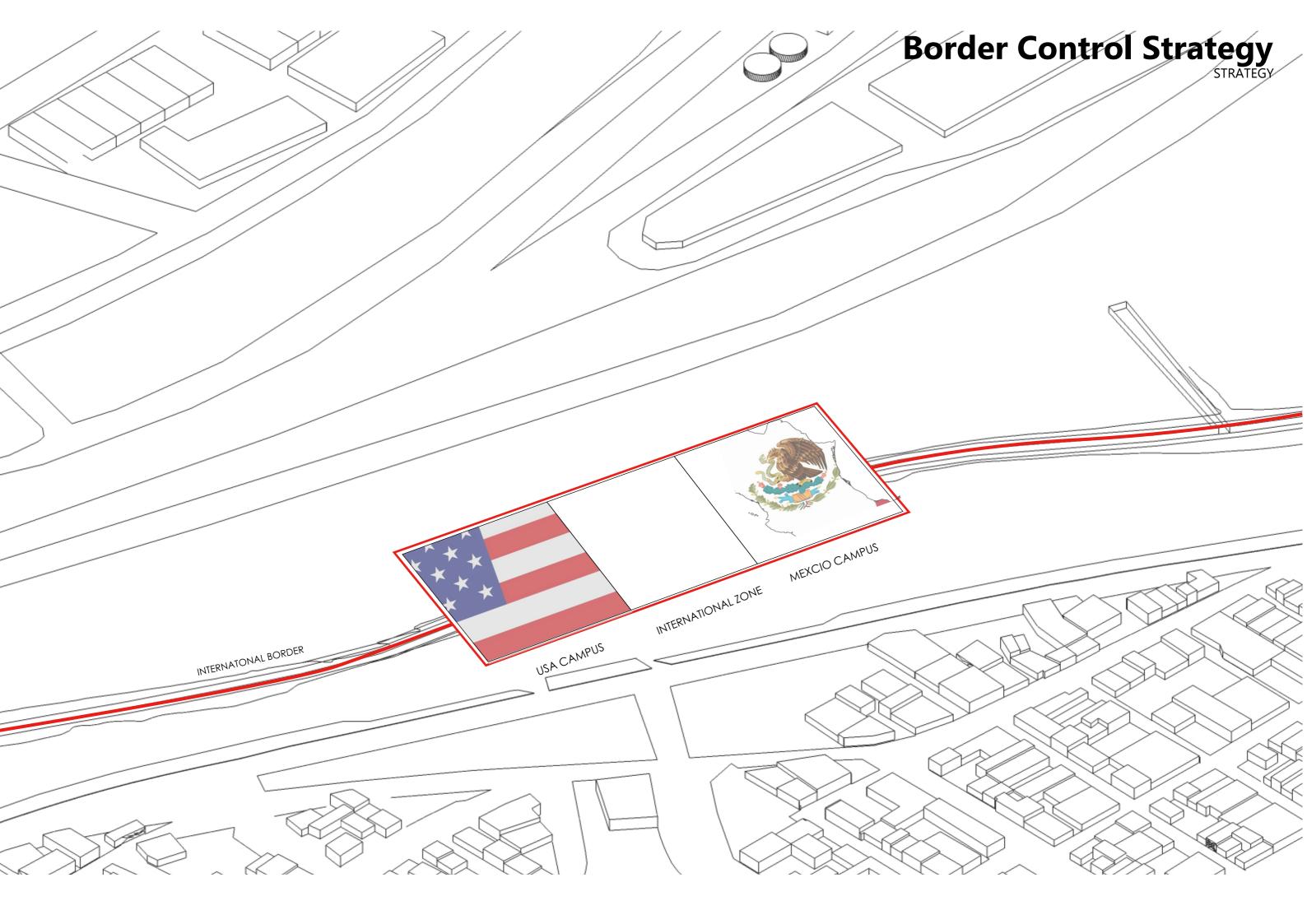


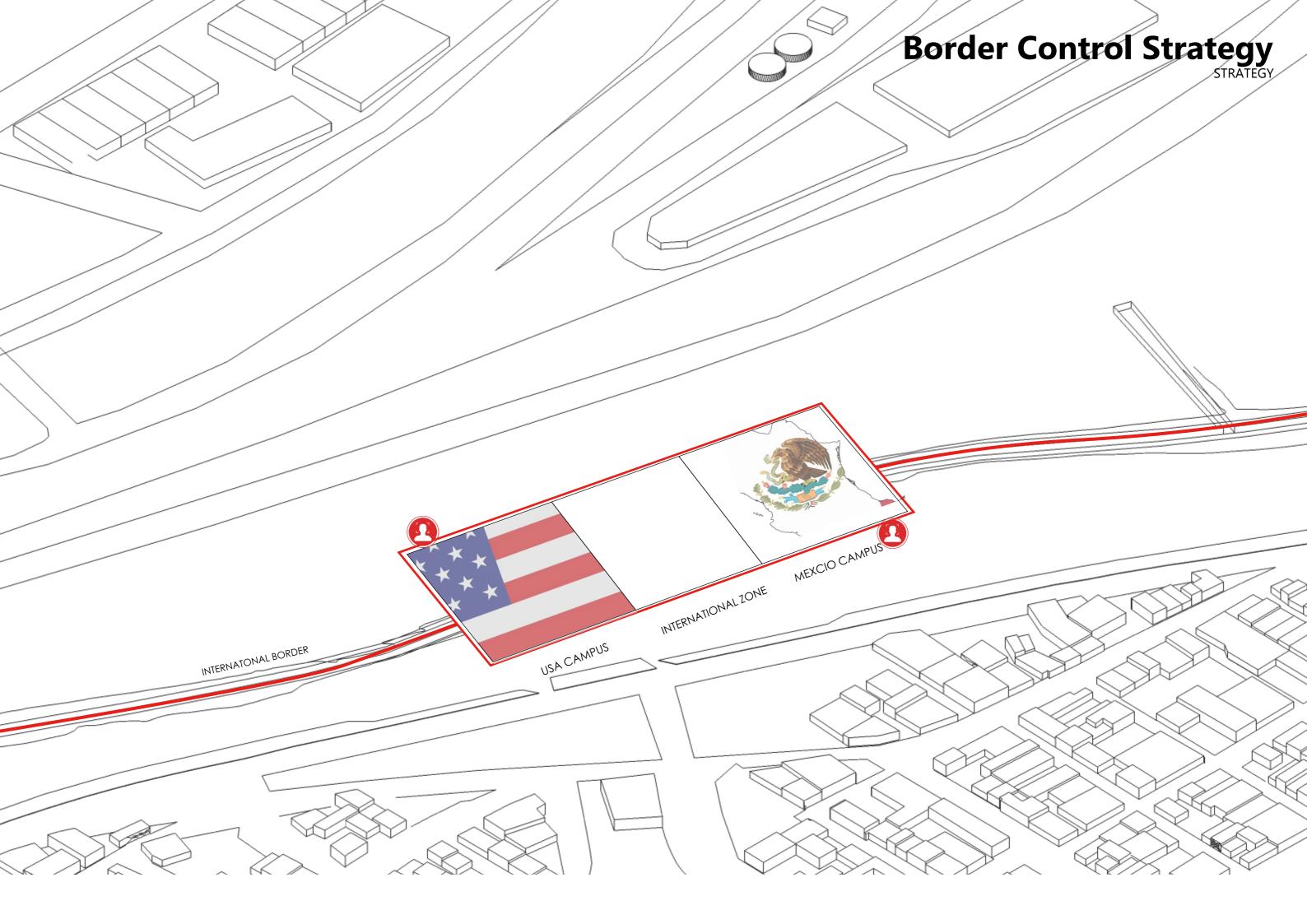


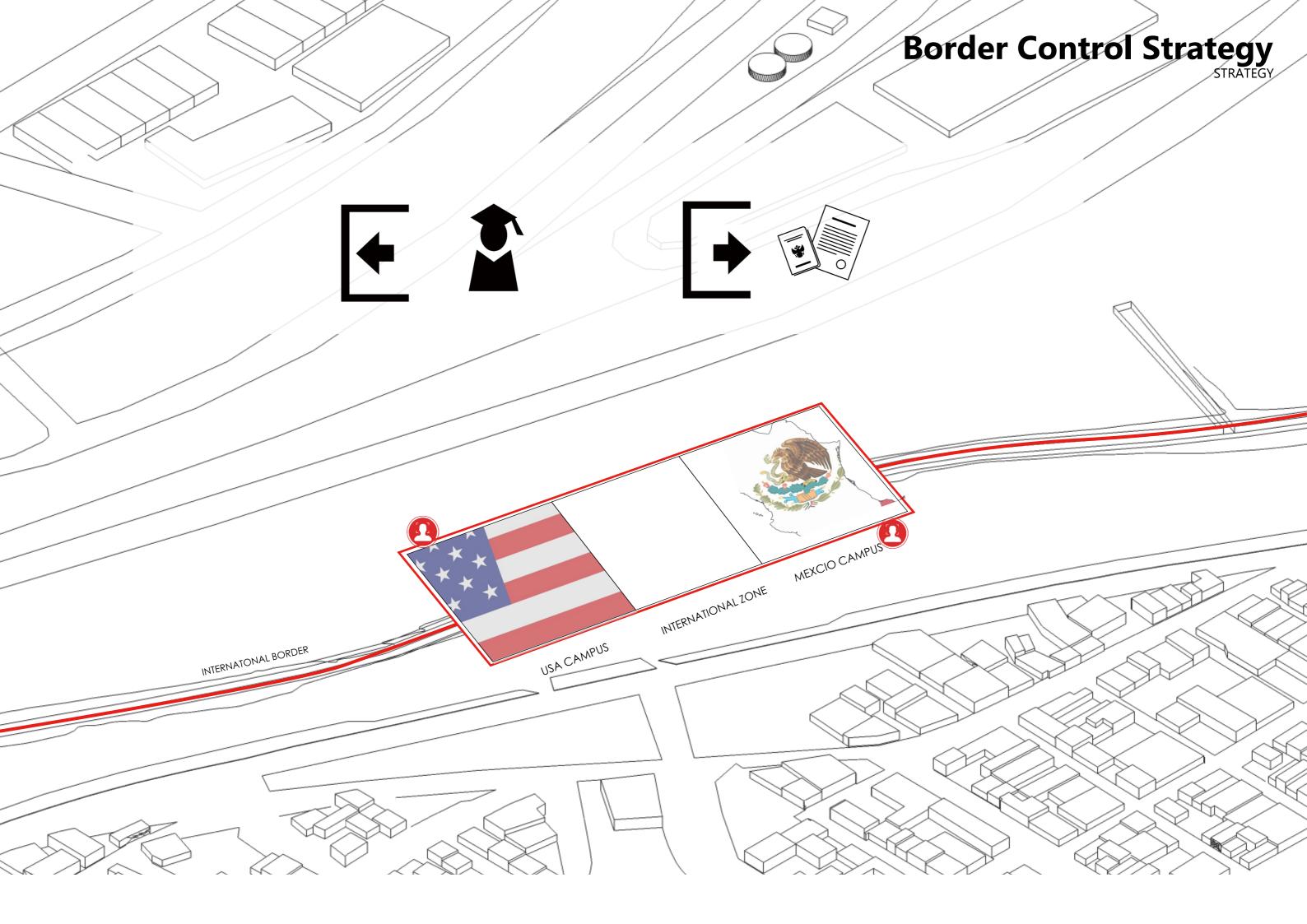
INTERNATIONAL ZONE

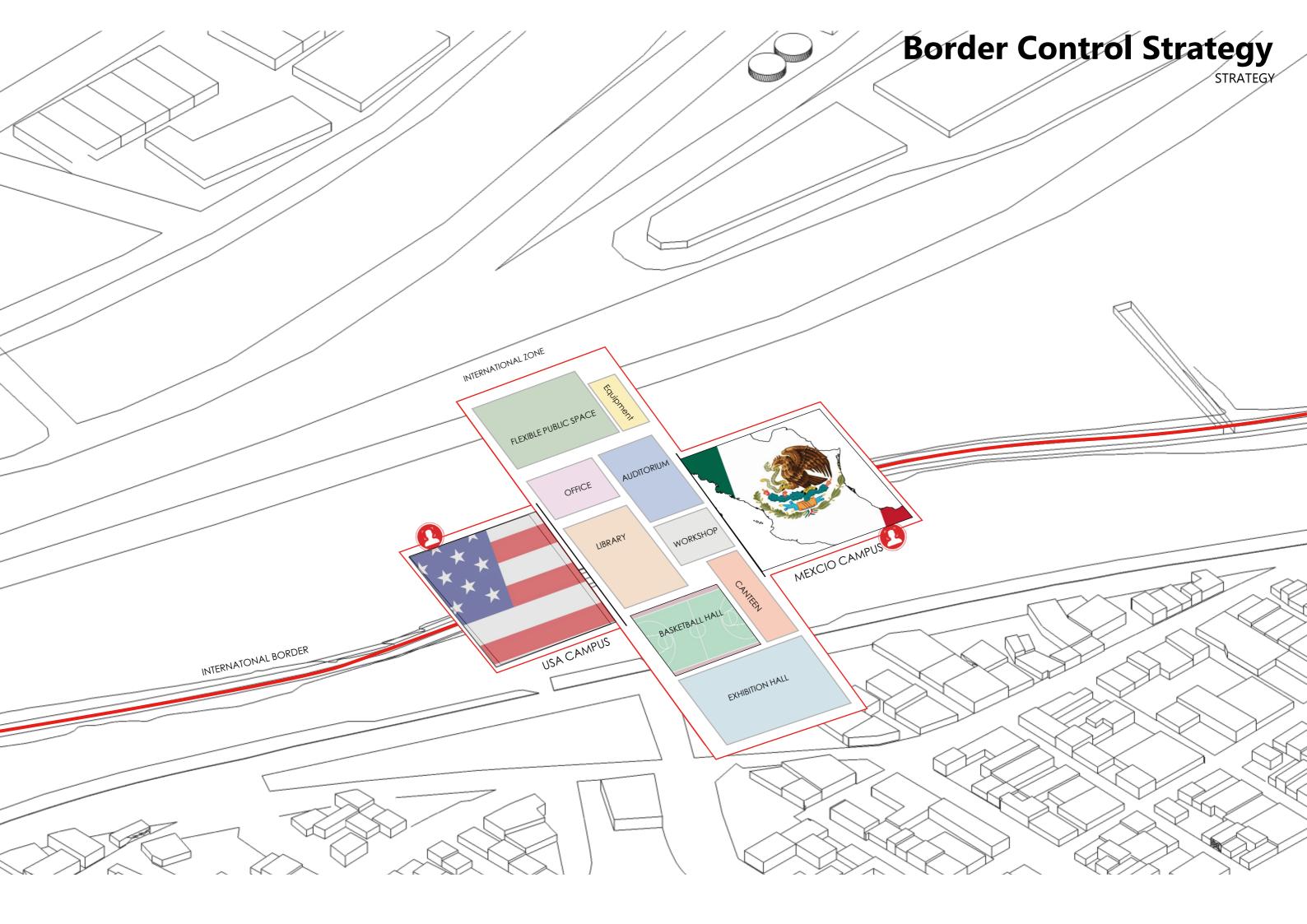


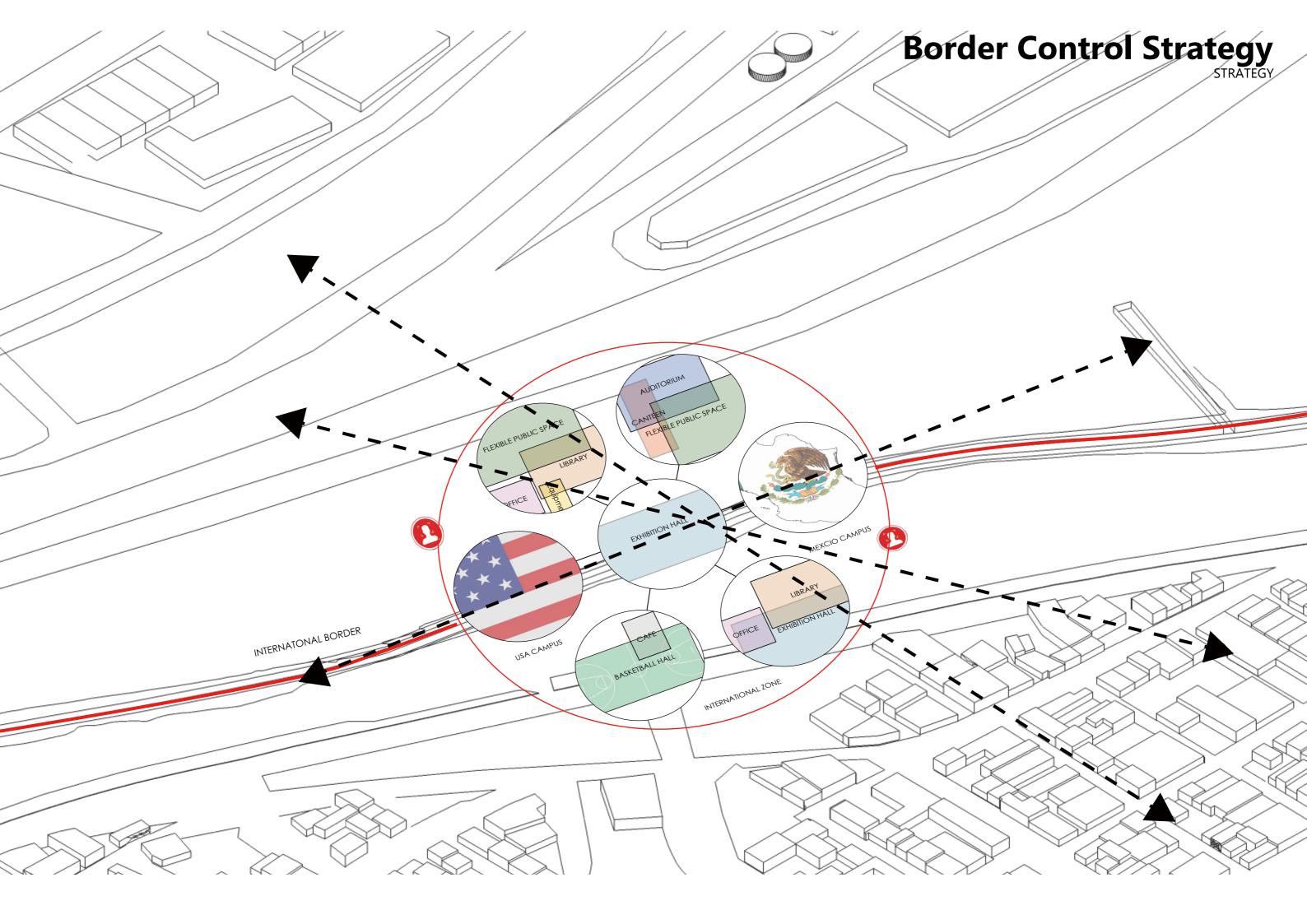


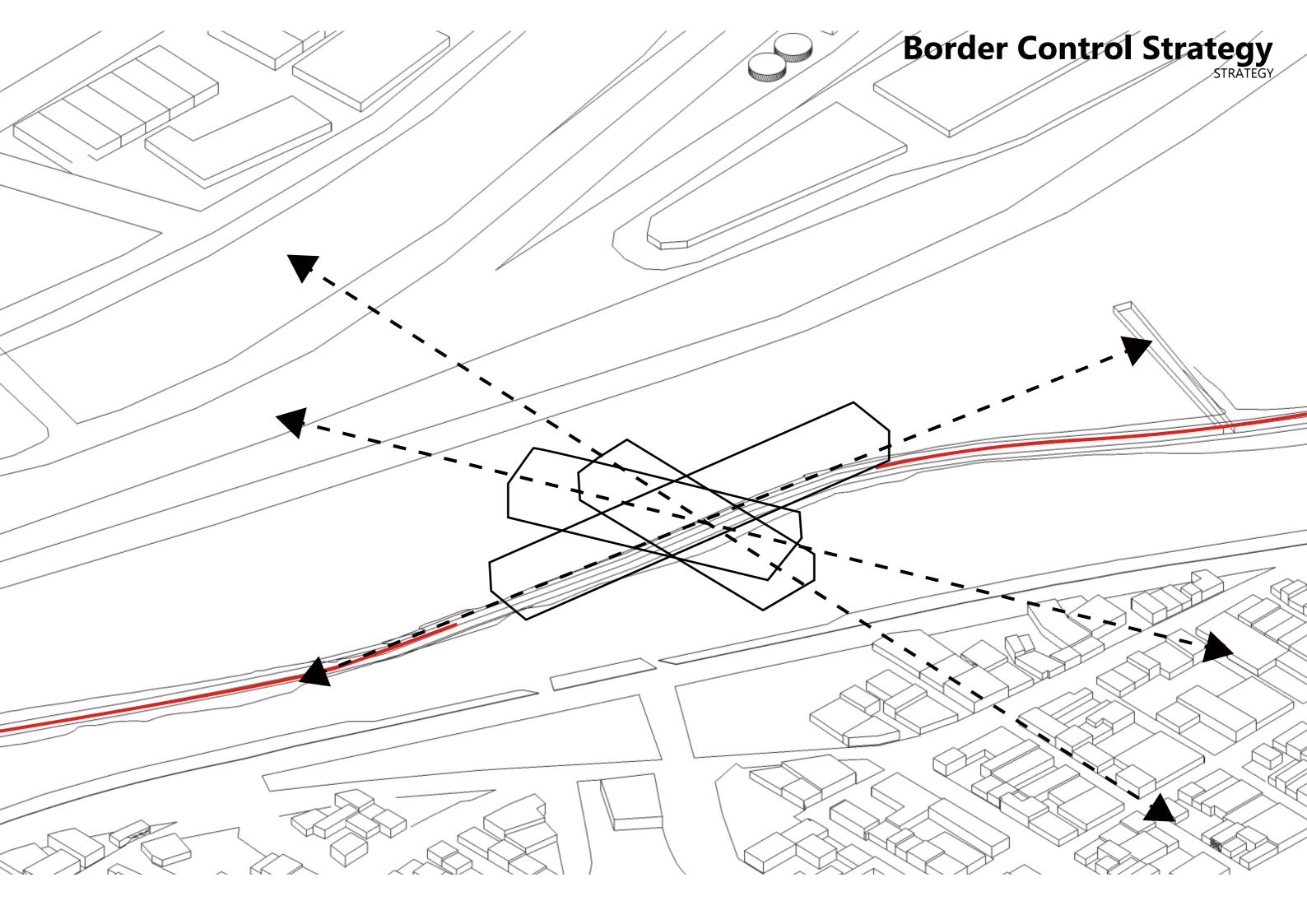




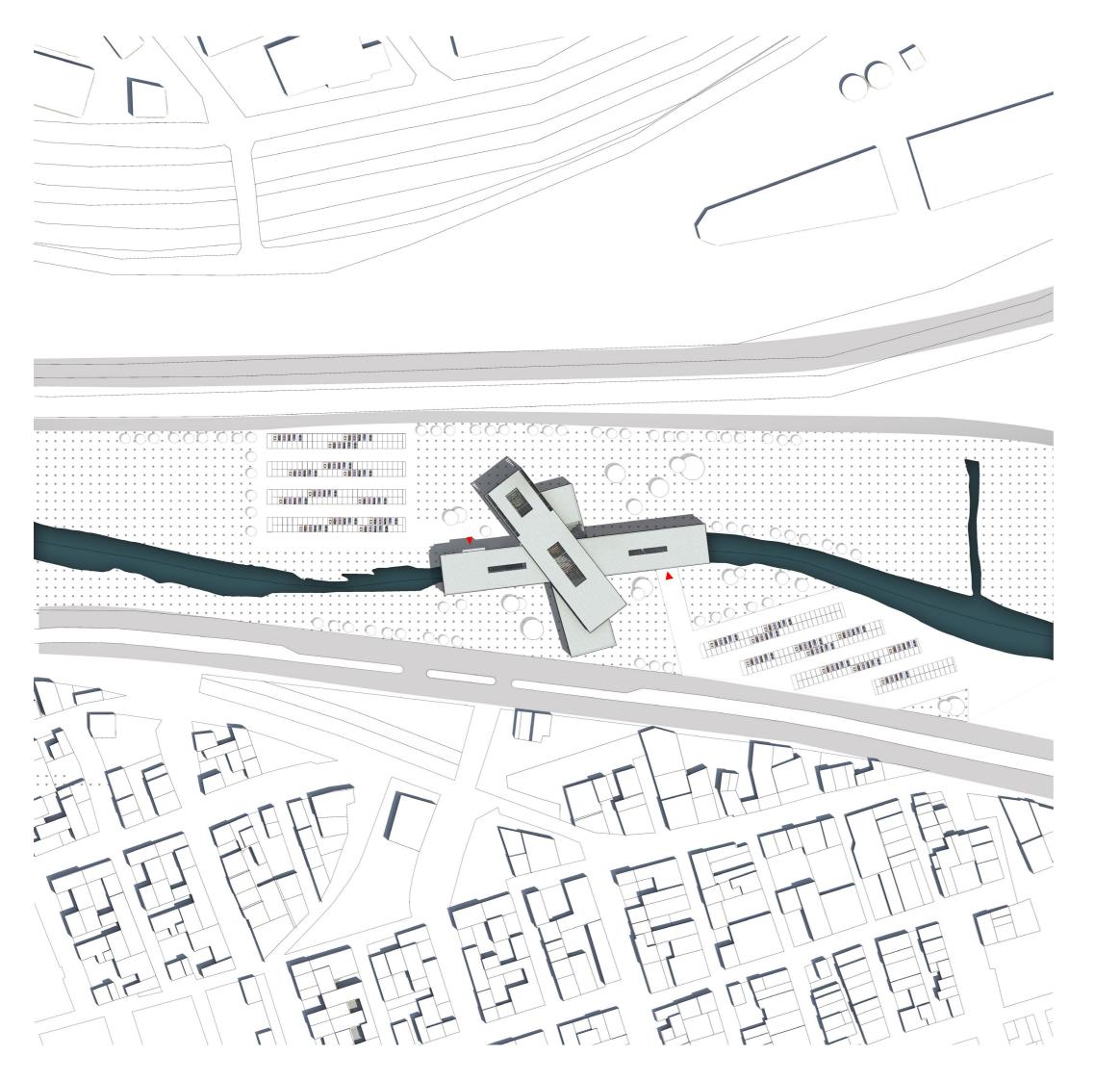










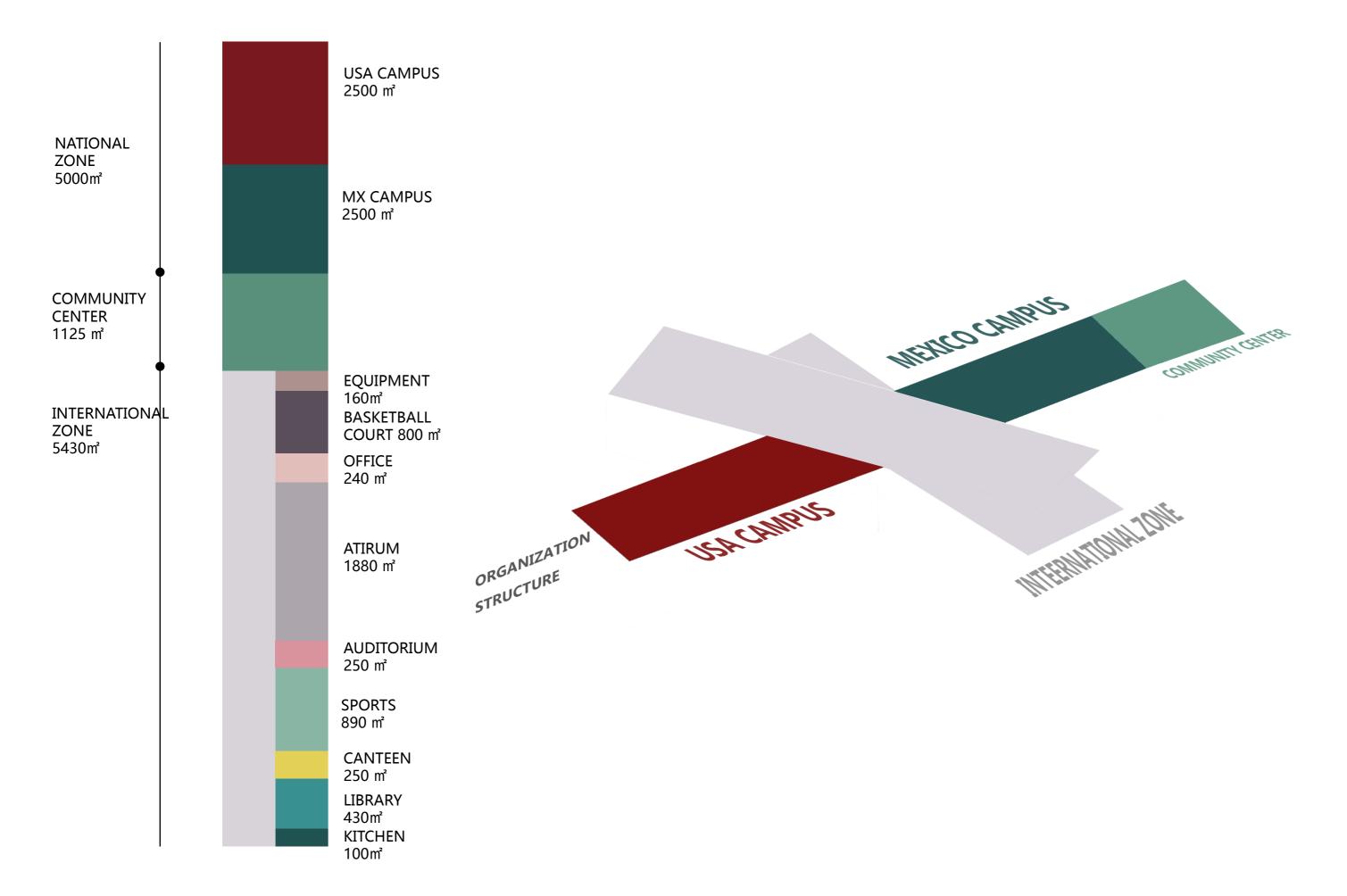


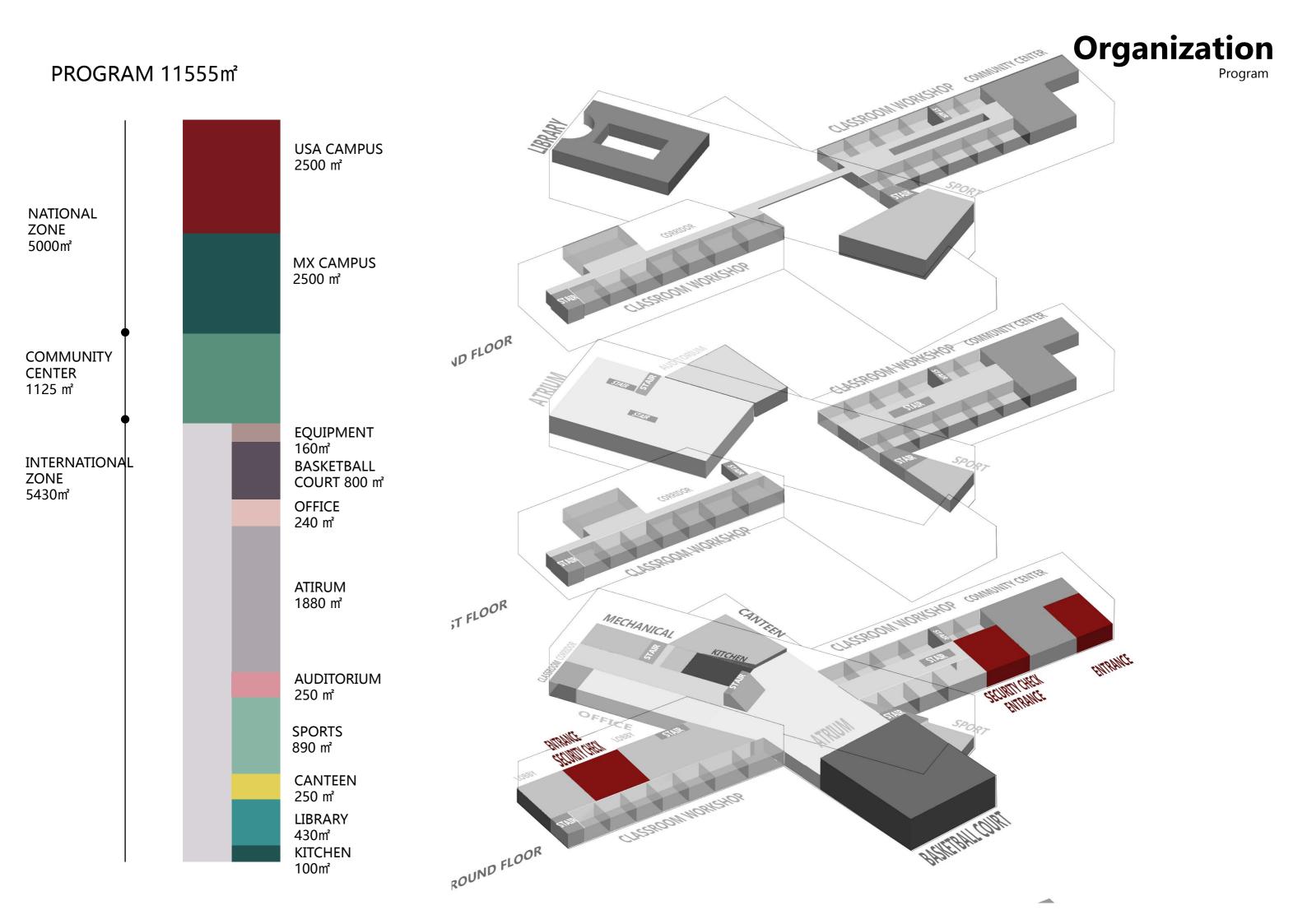
Urban Axis SITE PLAN

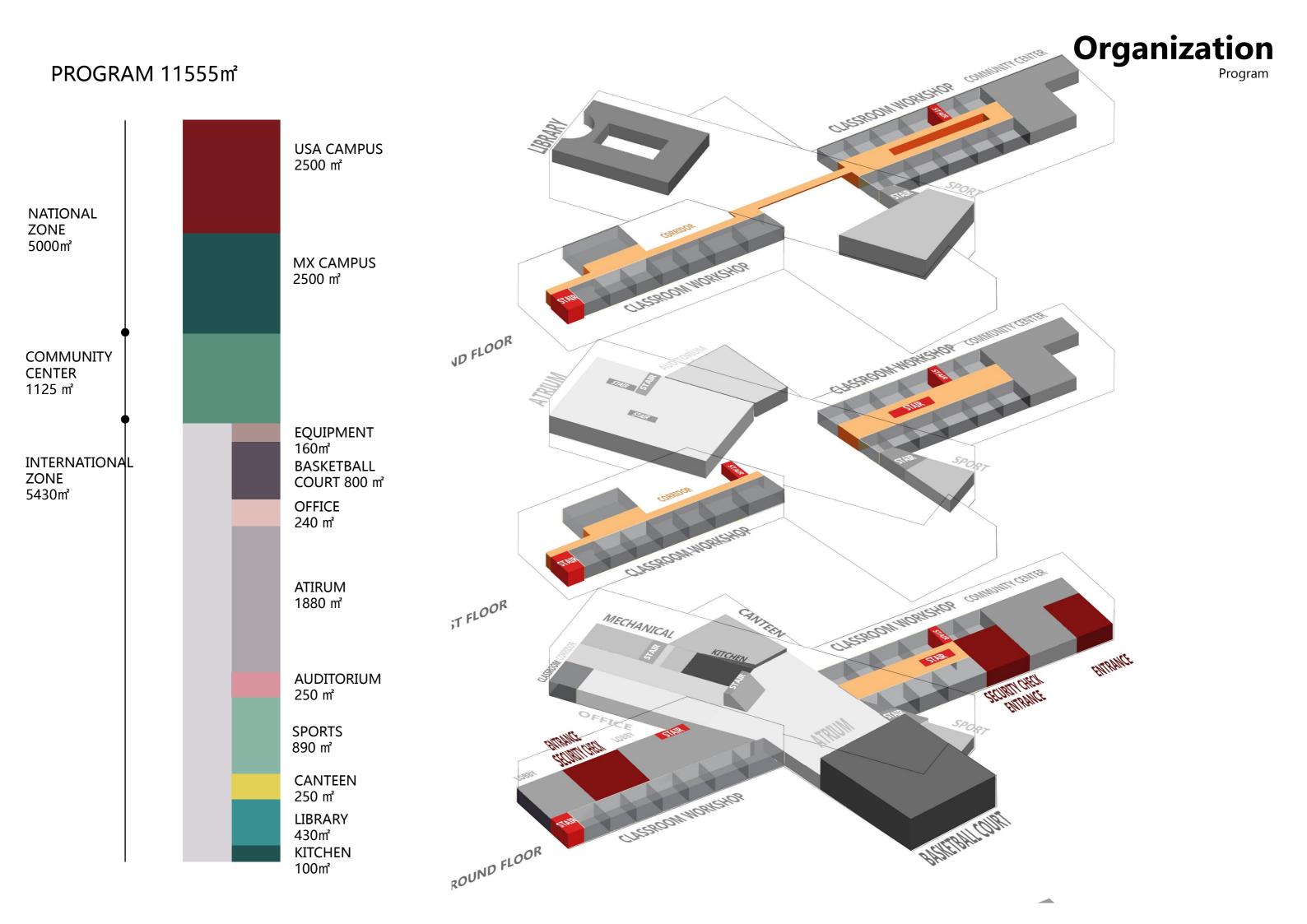
Perspecive from USA Side SITE PLAN

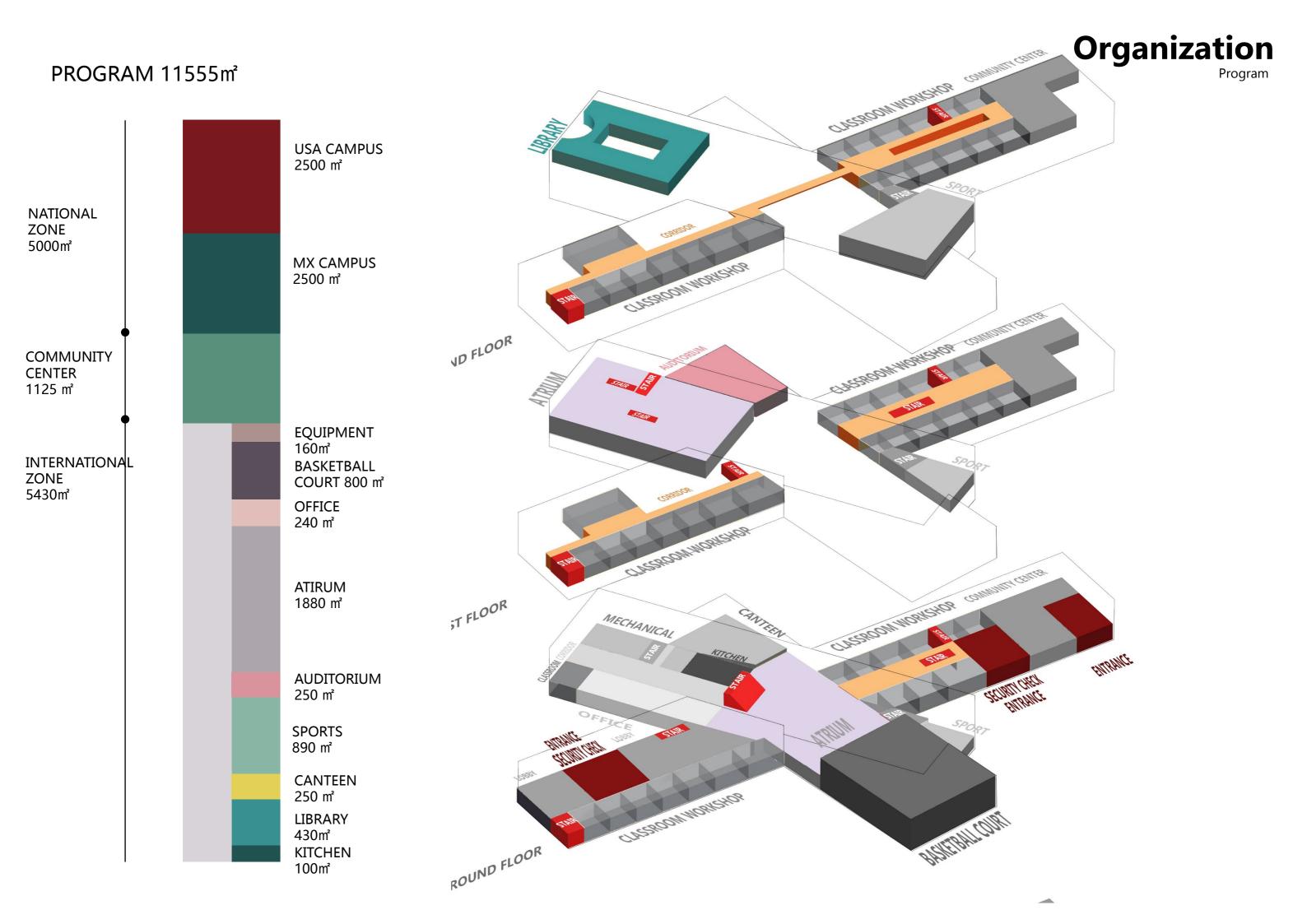


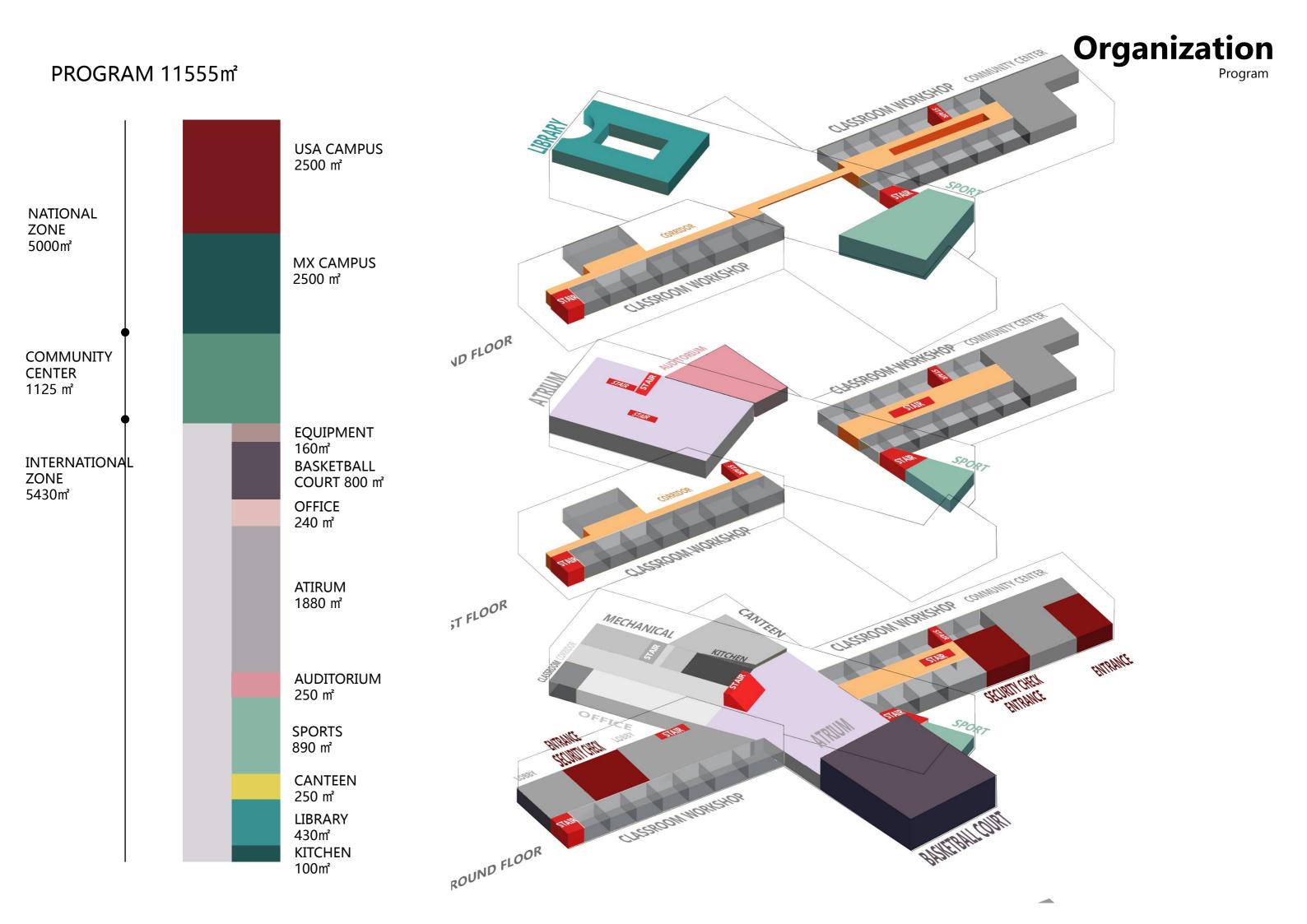


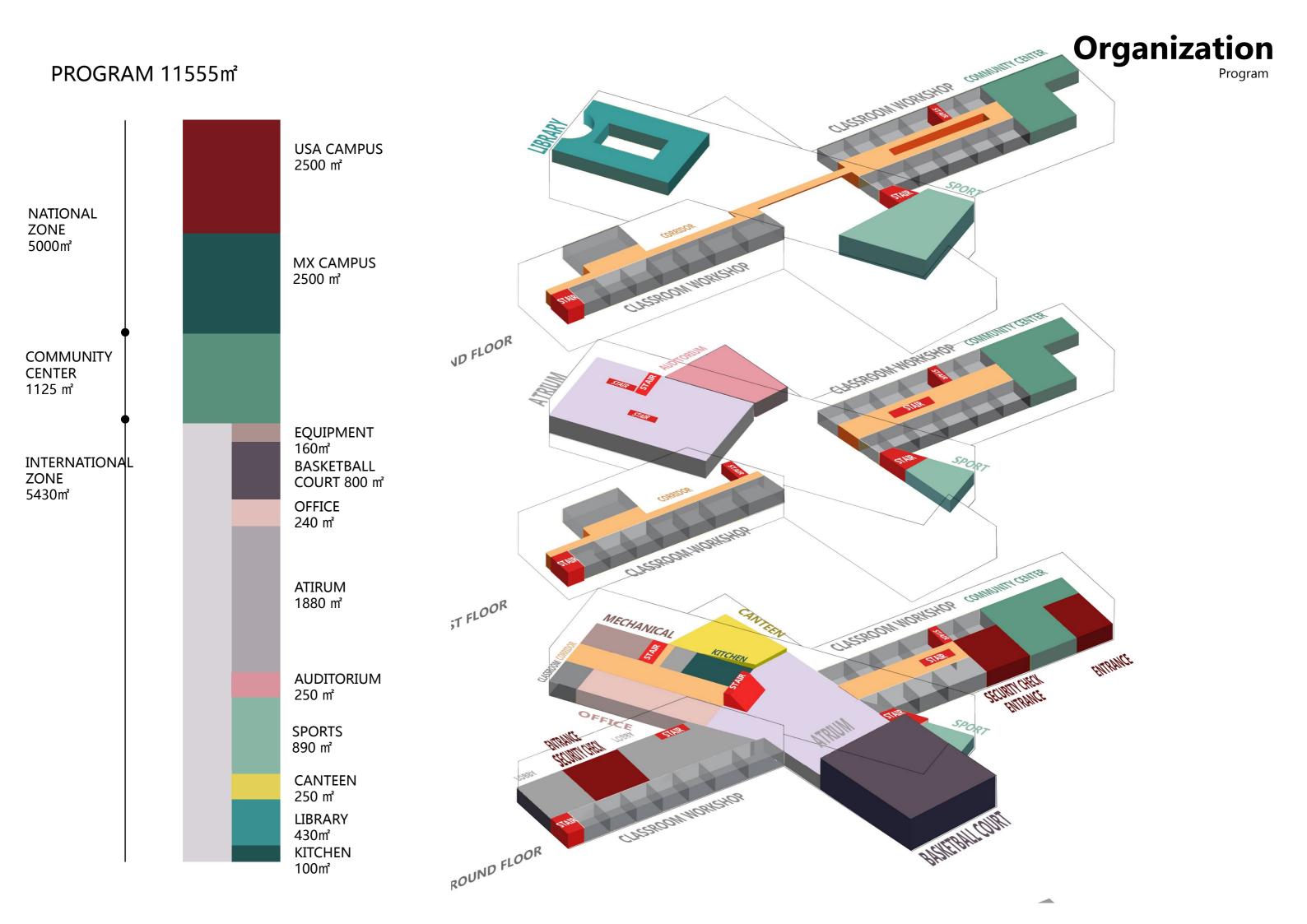


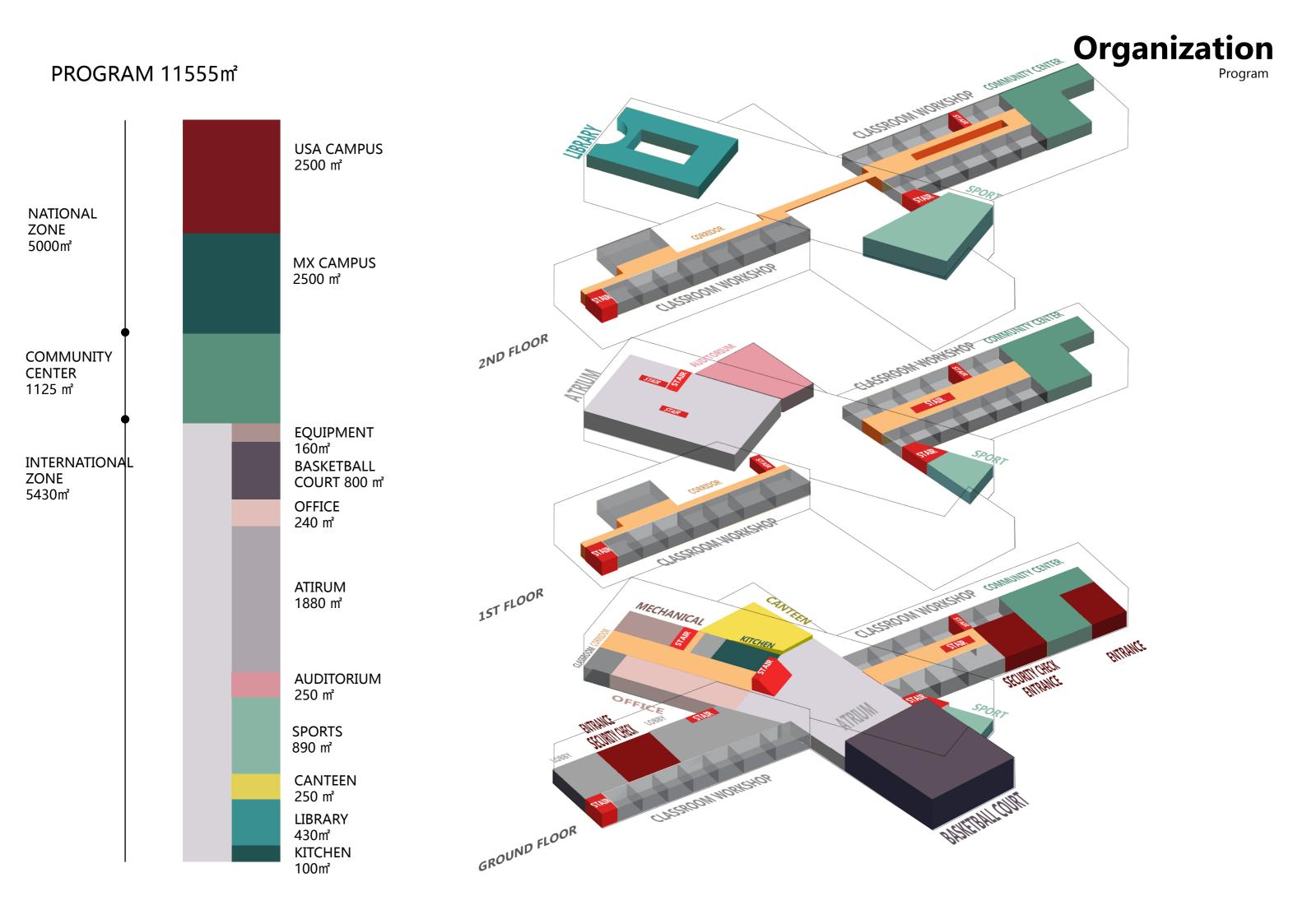




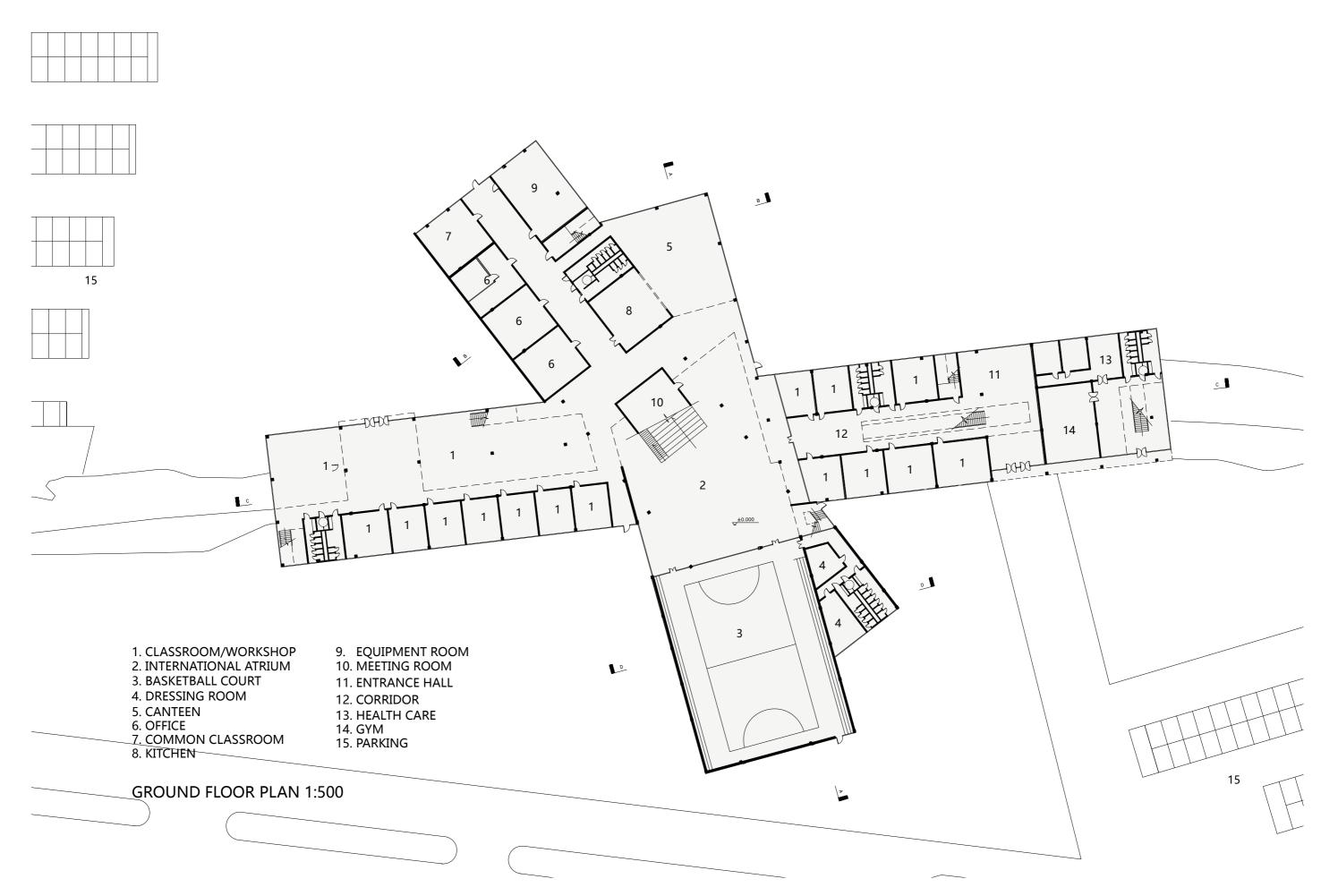




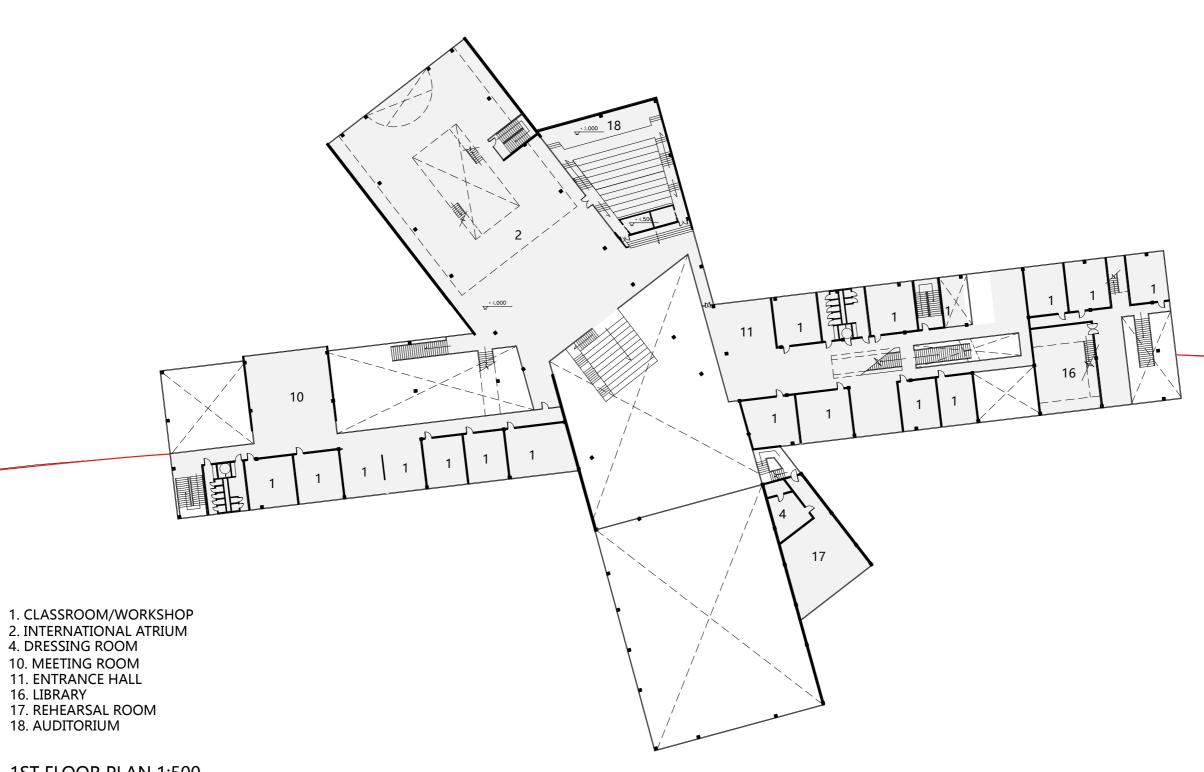




Ground Floor

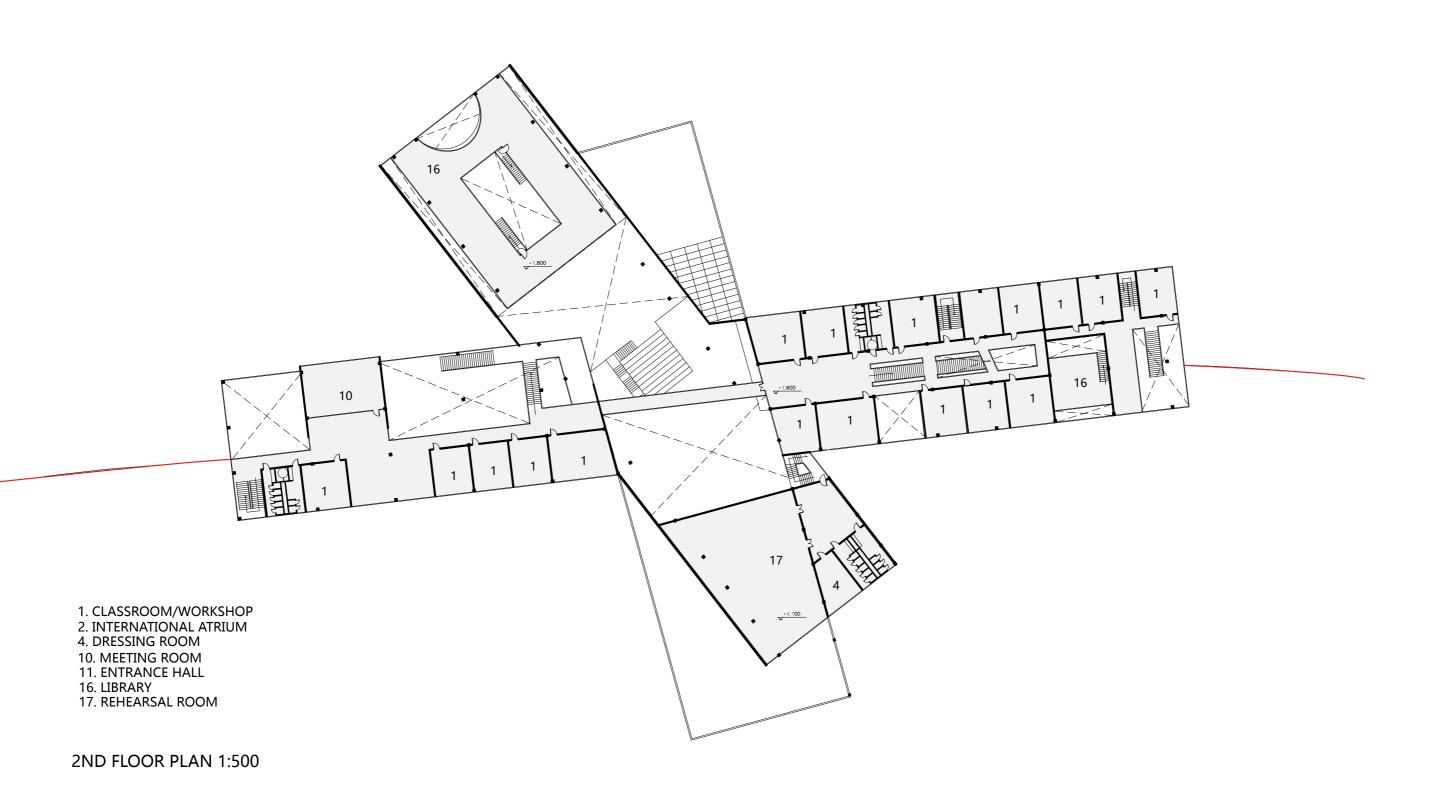


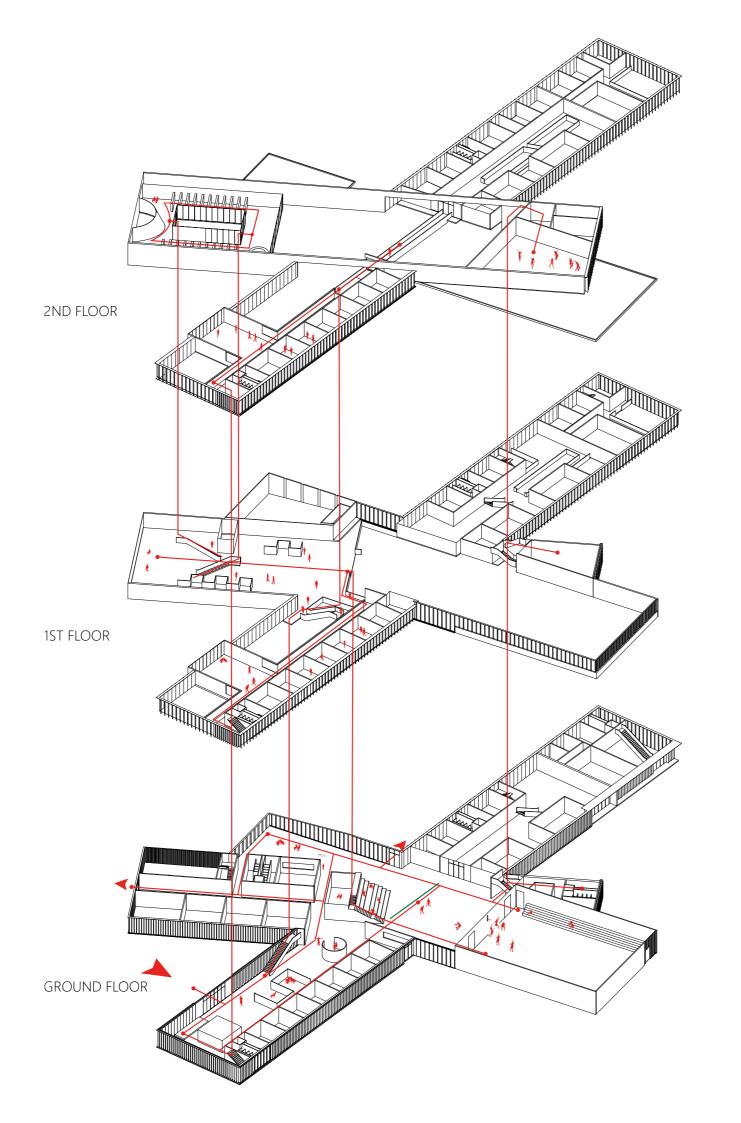
1st Floor



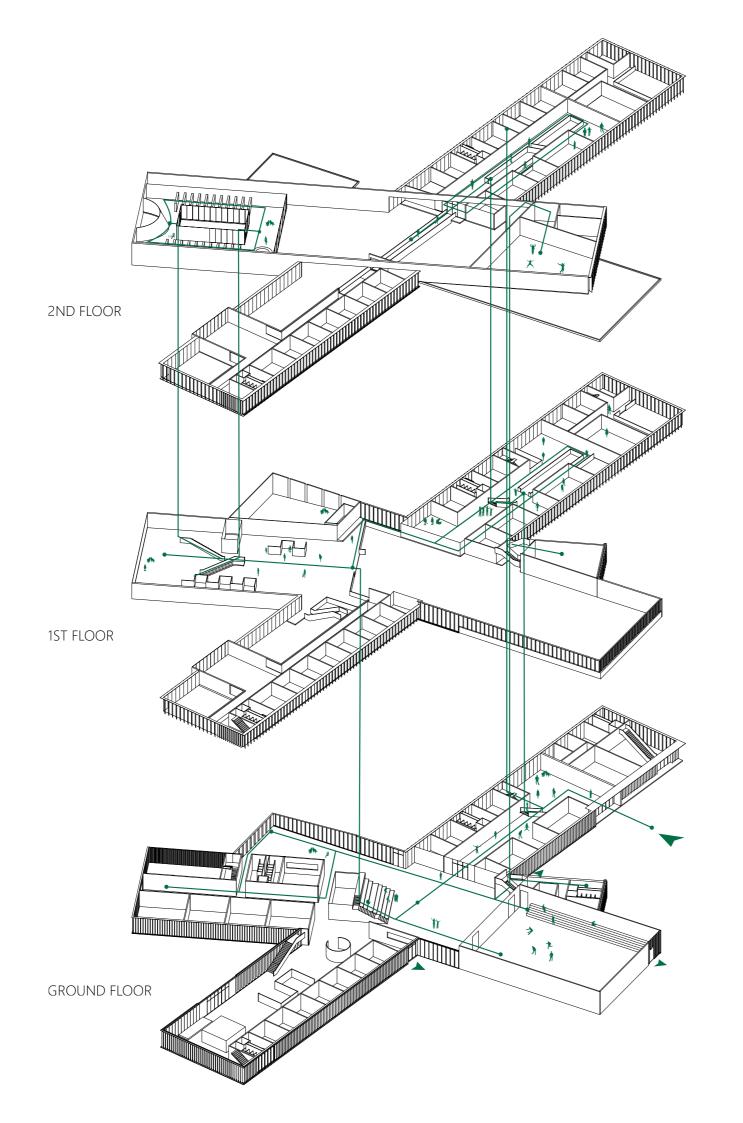
1ST FLOOR PLAN 1:500

2nd Floor

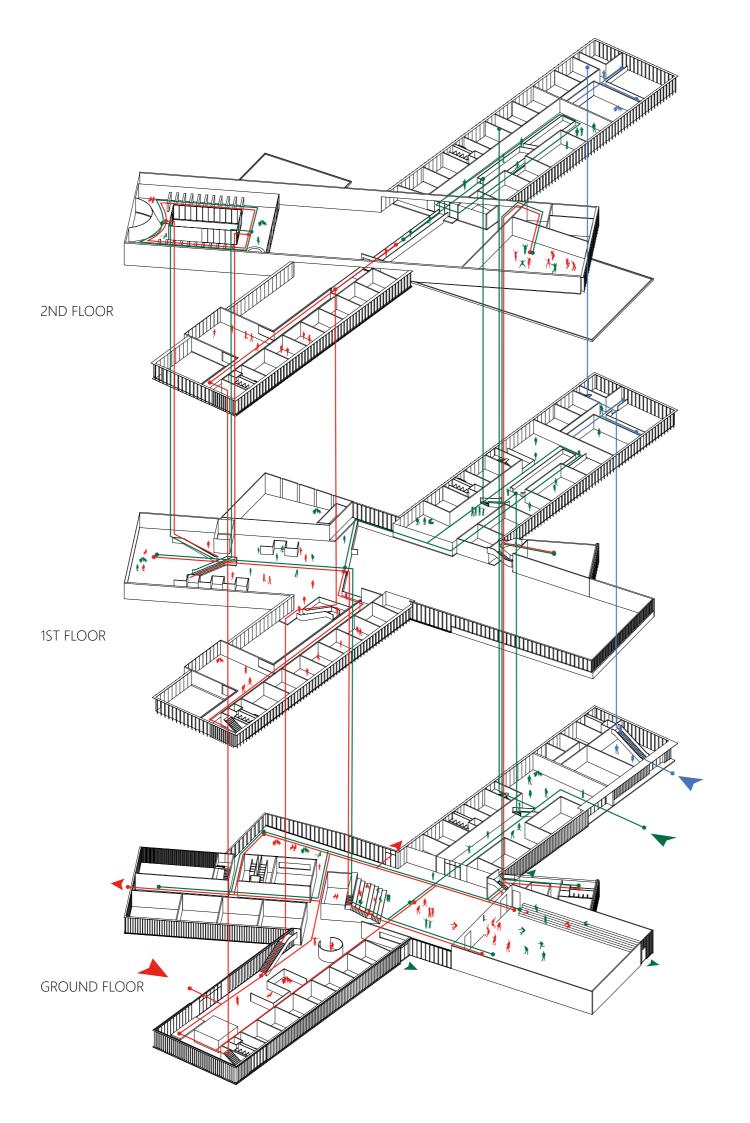




USA Student CIRCULATION

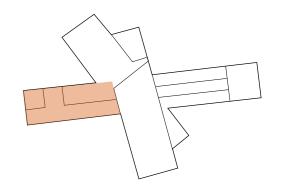


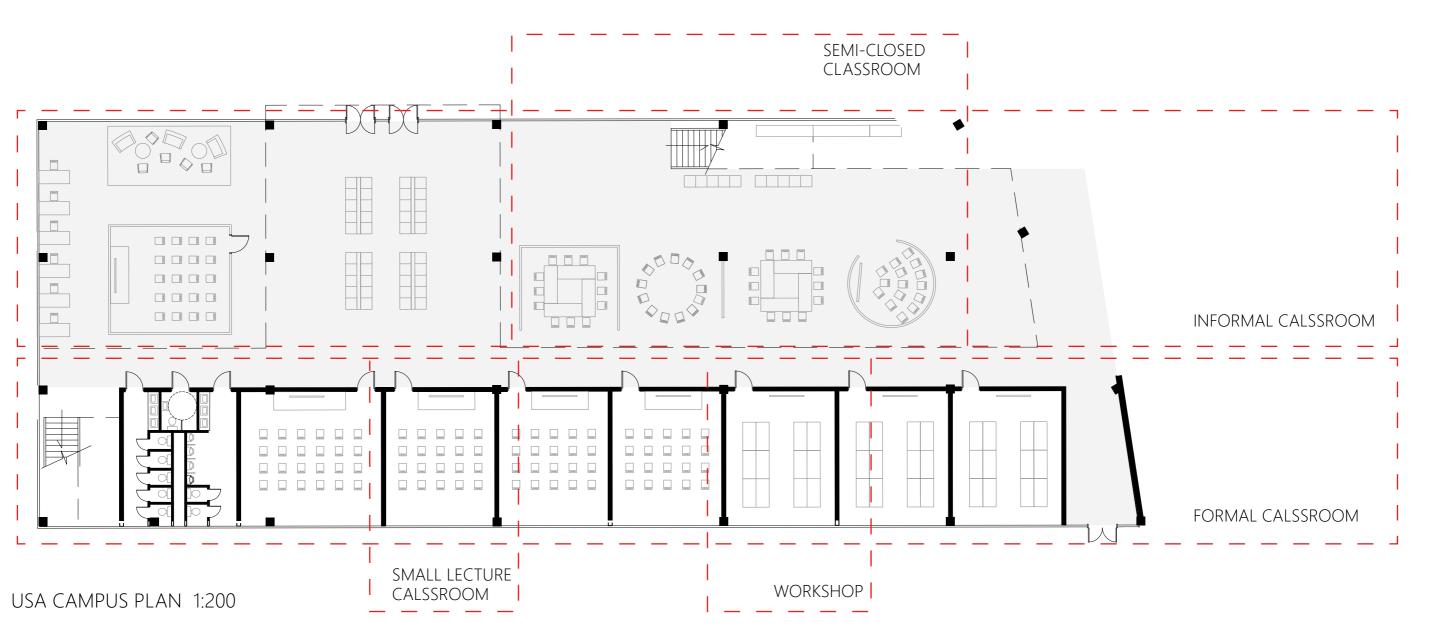
Mexican Student CIRCULATION



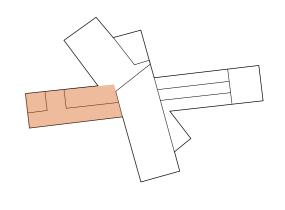


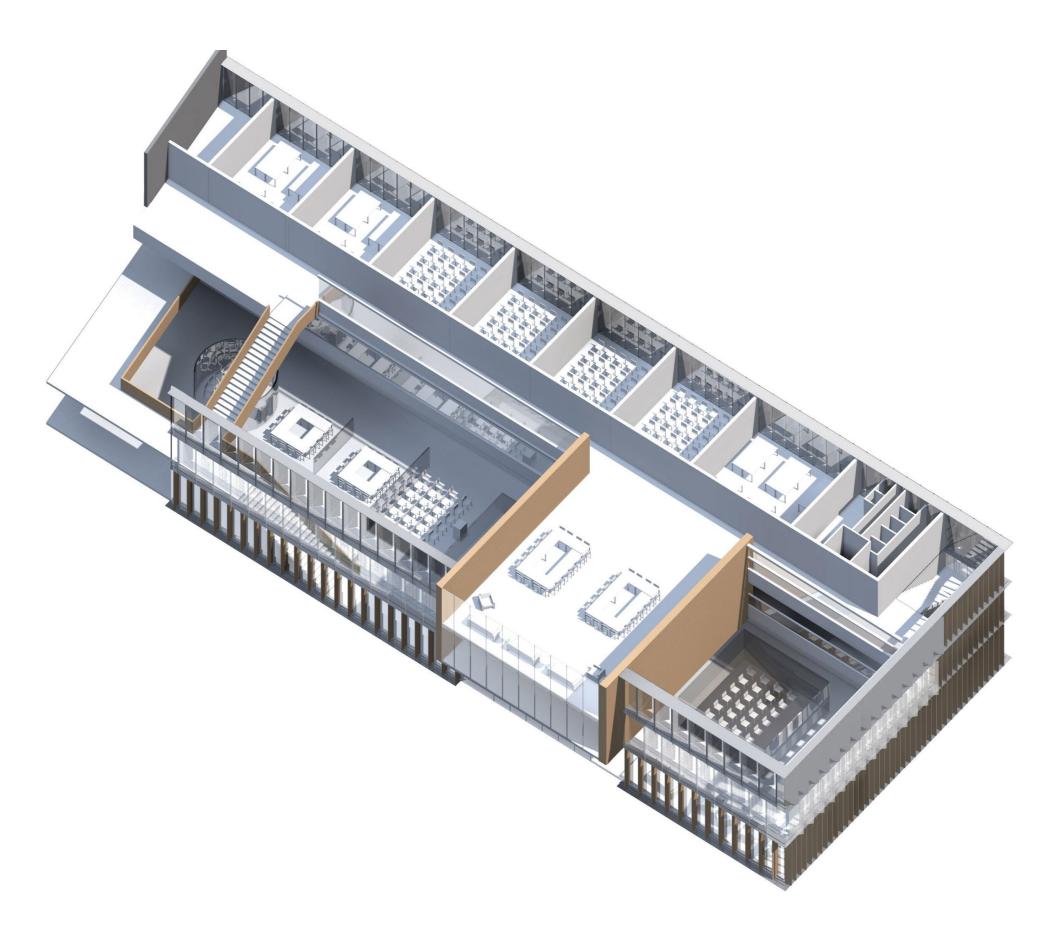
USA Campus FRAGMENT ANALYSIS

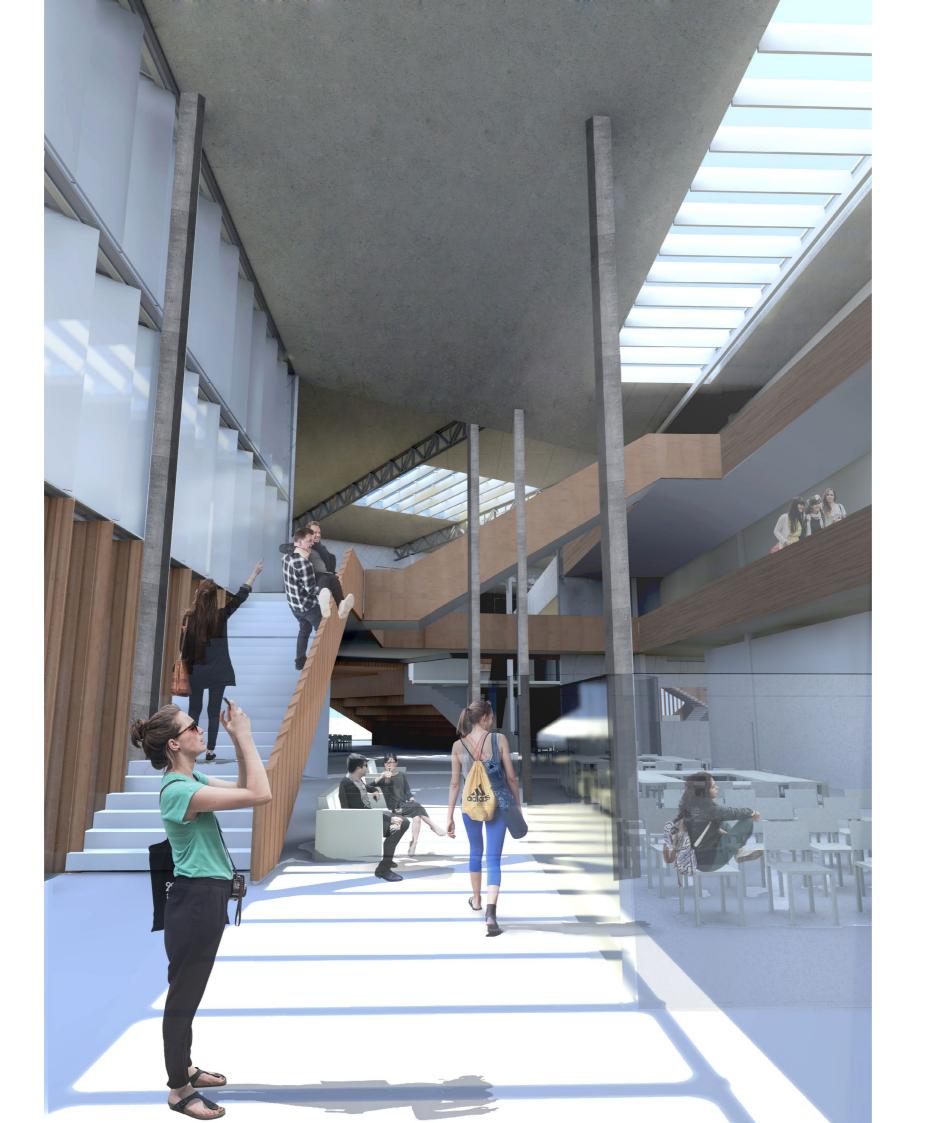




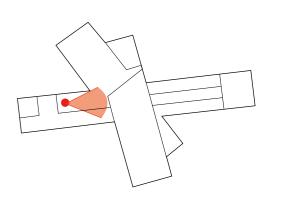
USA Campus FRAGMENT ANALYSIS



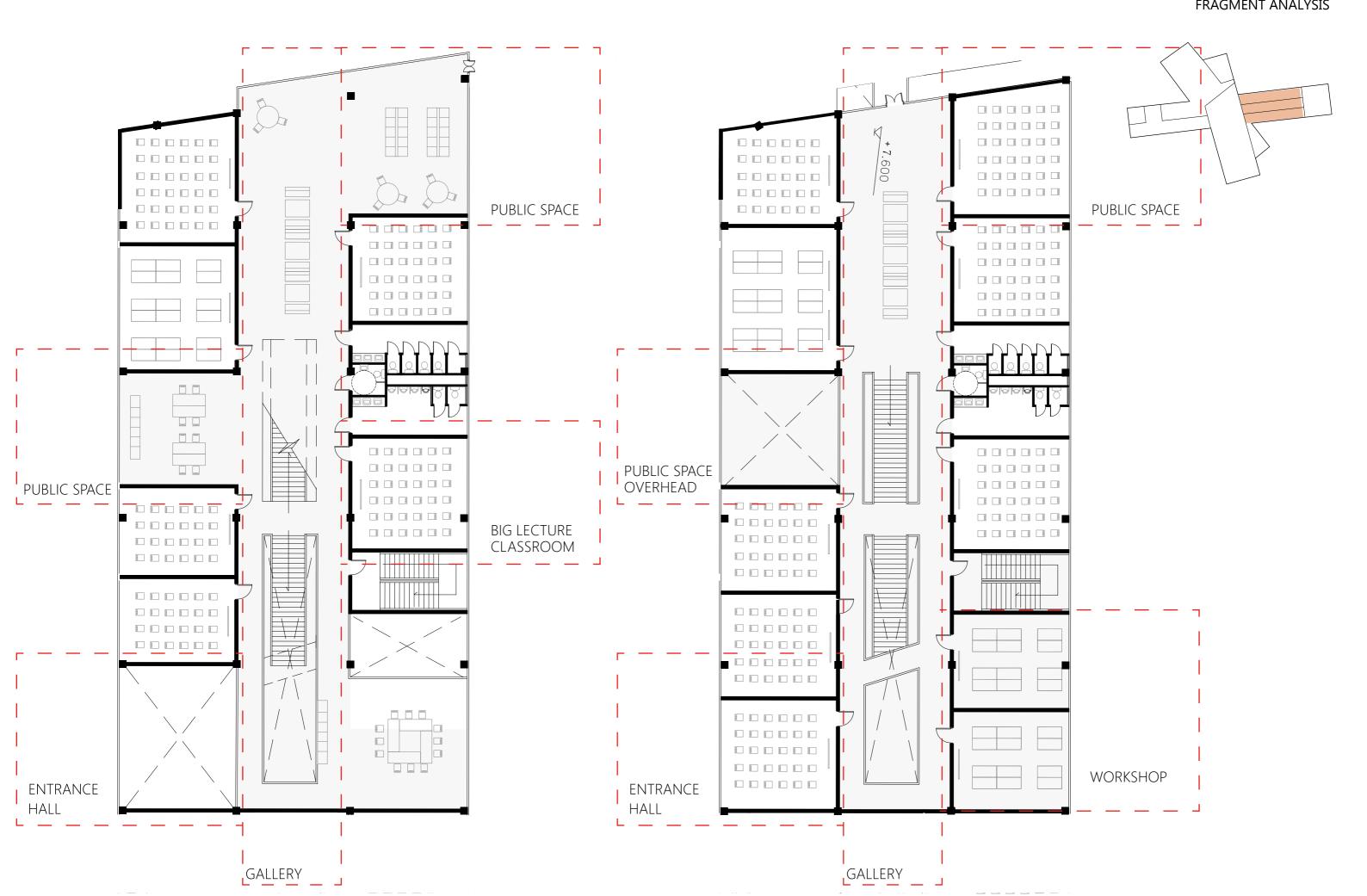




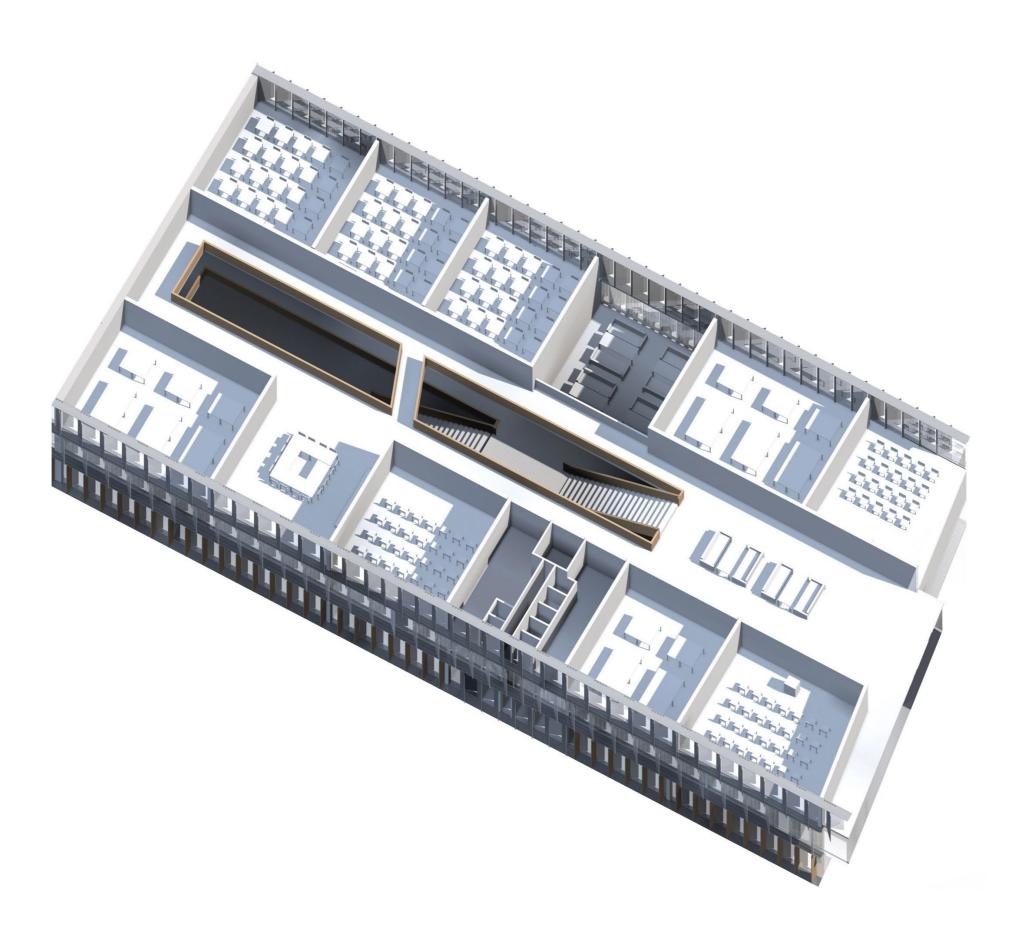
USA Campus FRAGMENT ANALYSIS

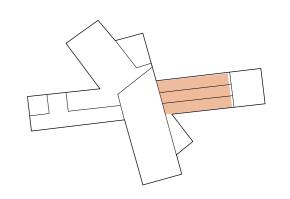


Mexico Campus FRAGMENT ANALYSIS



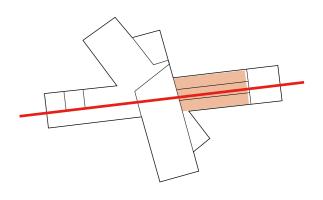
Mexico Campus FRAGMENT ANALYSIS

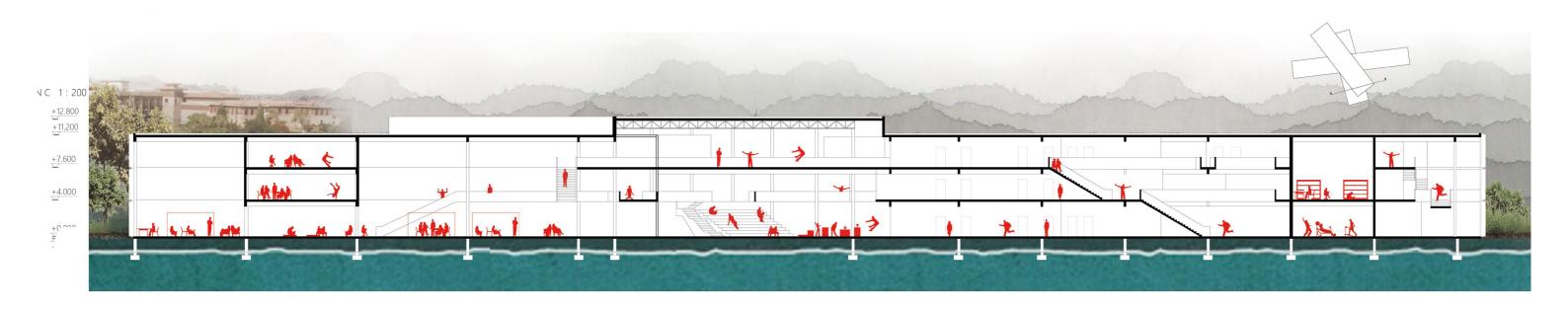






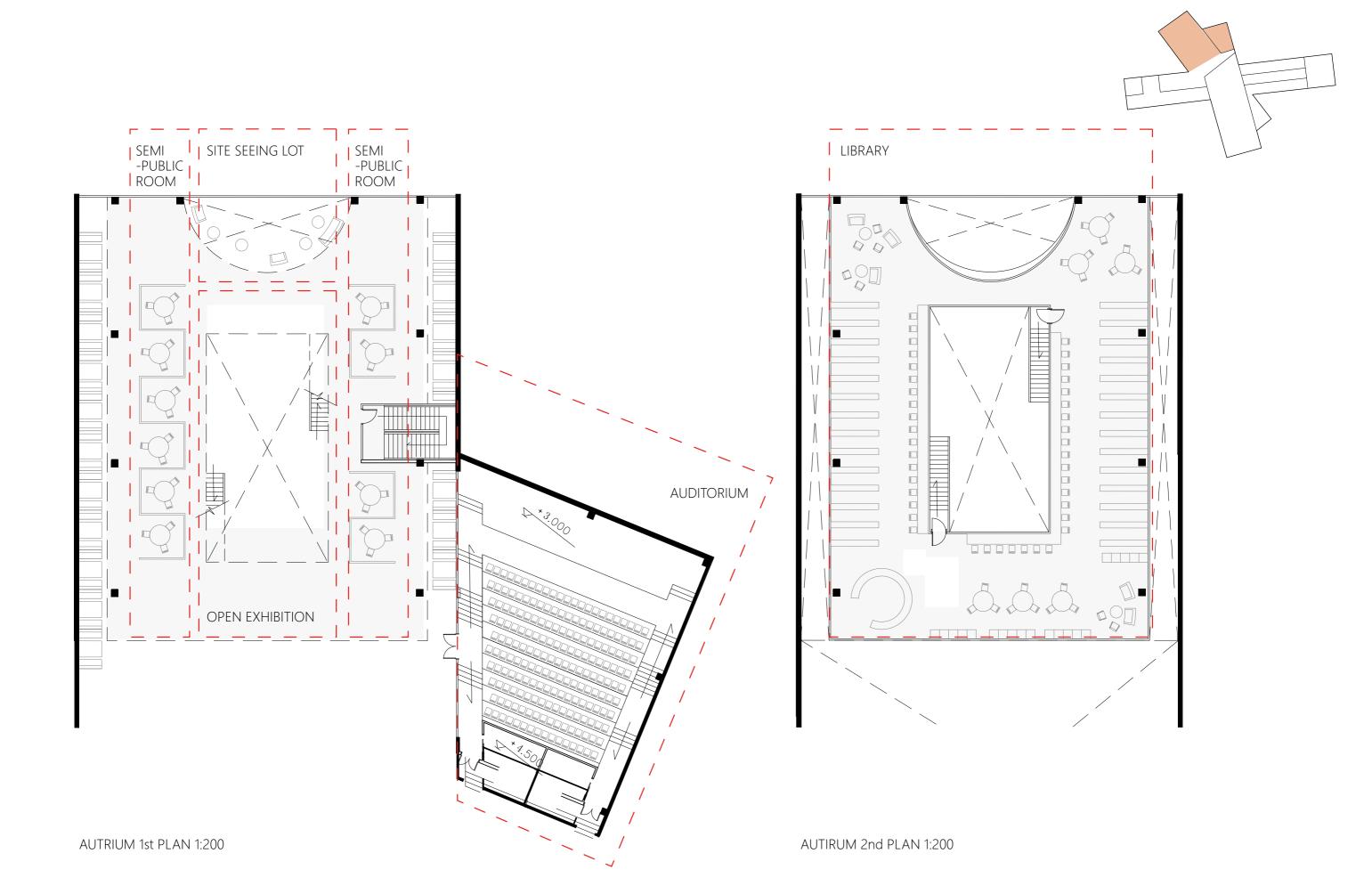
Campus Life FRAGMENT ANALYSIS





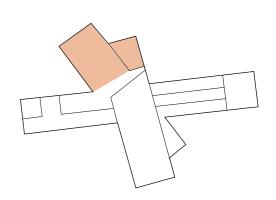
USA CAMPUS INTERNATIONAL ZONE MEXICO CAMPUS COMMUNITY

North Atrium FRAGMENT ANALYSIS

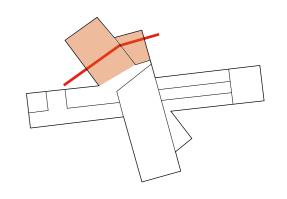


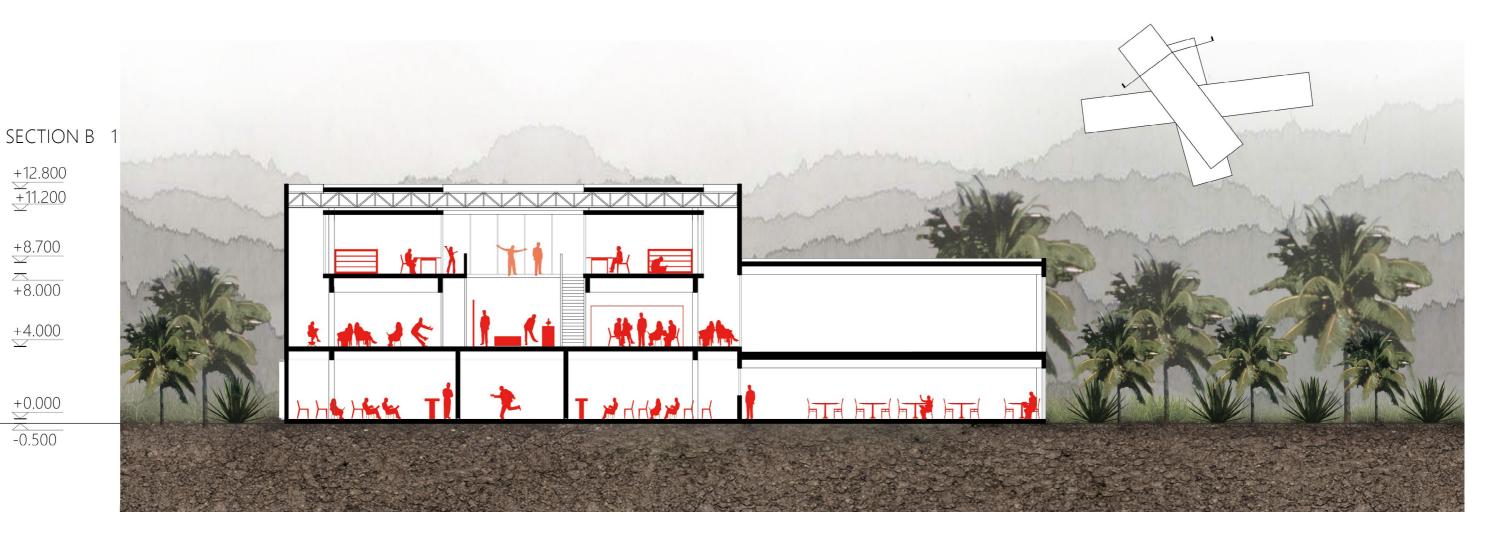
North Atrium FRAGMENT ANALYSIS





North Atrium FRAGMENT ANALYSIS

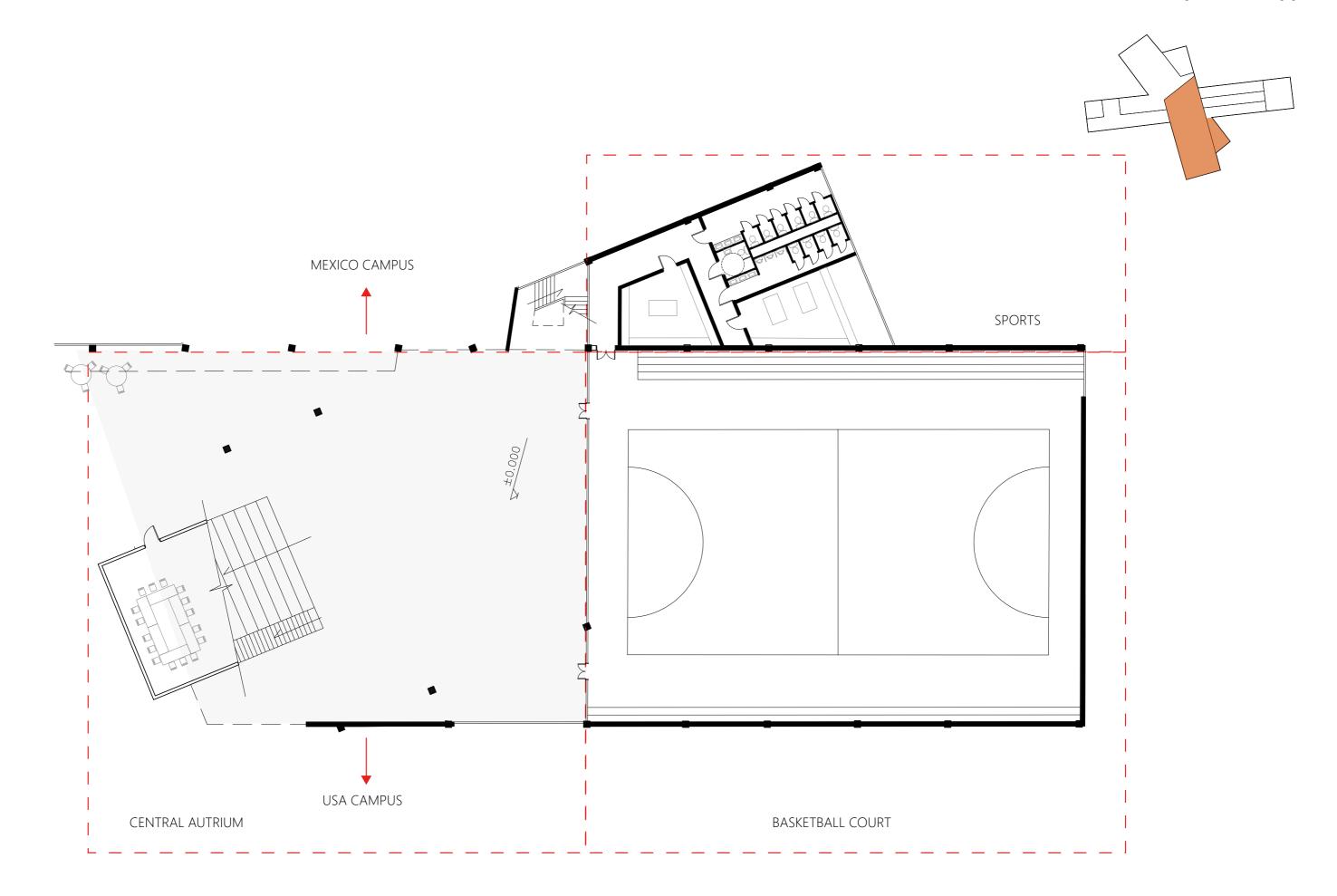




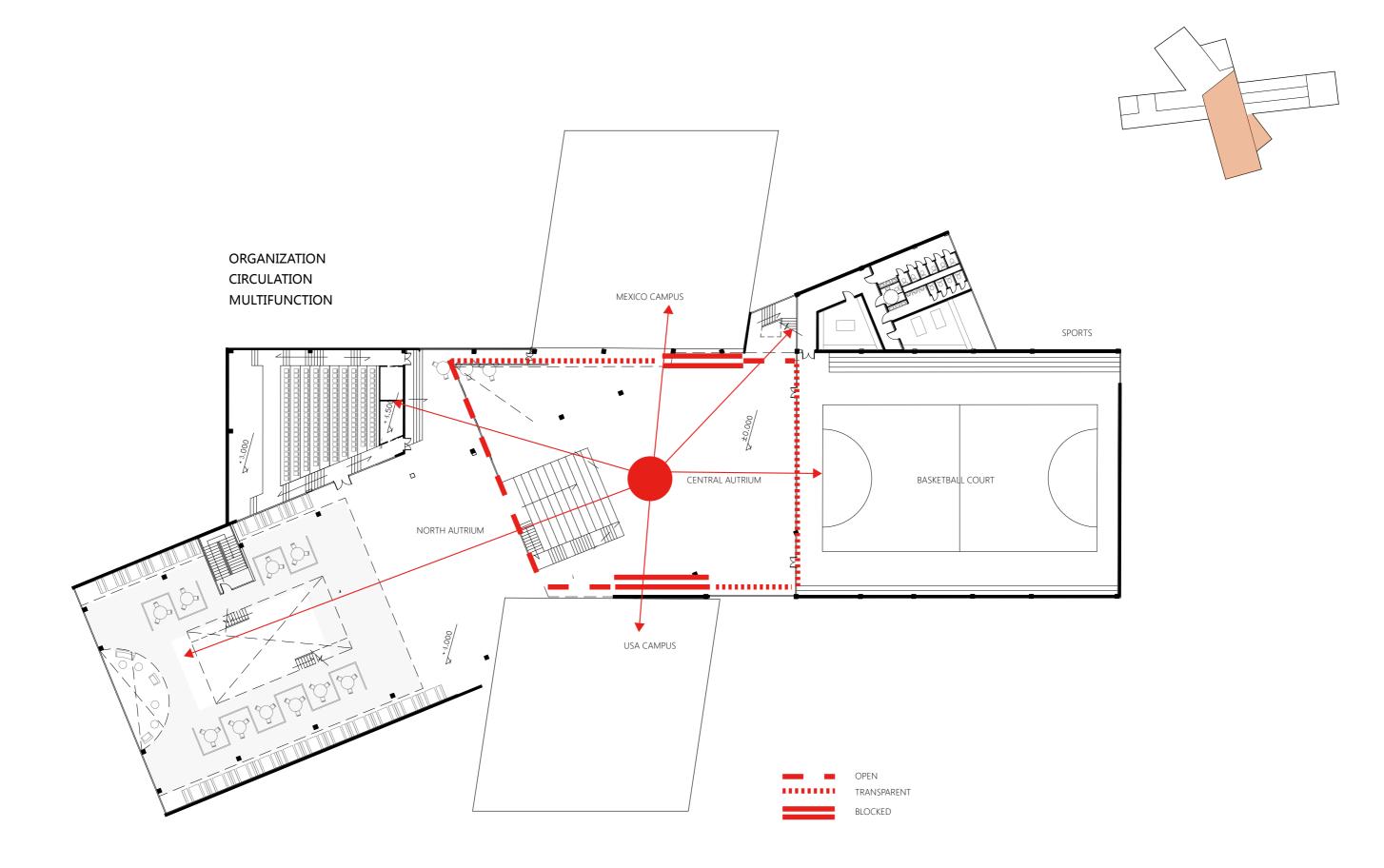




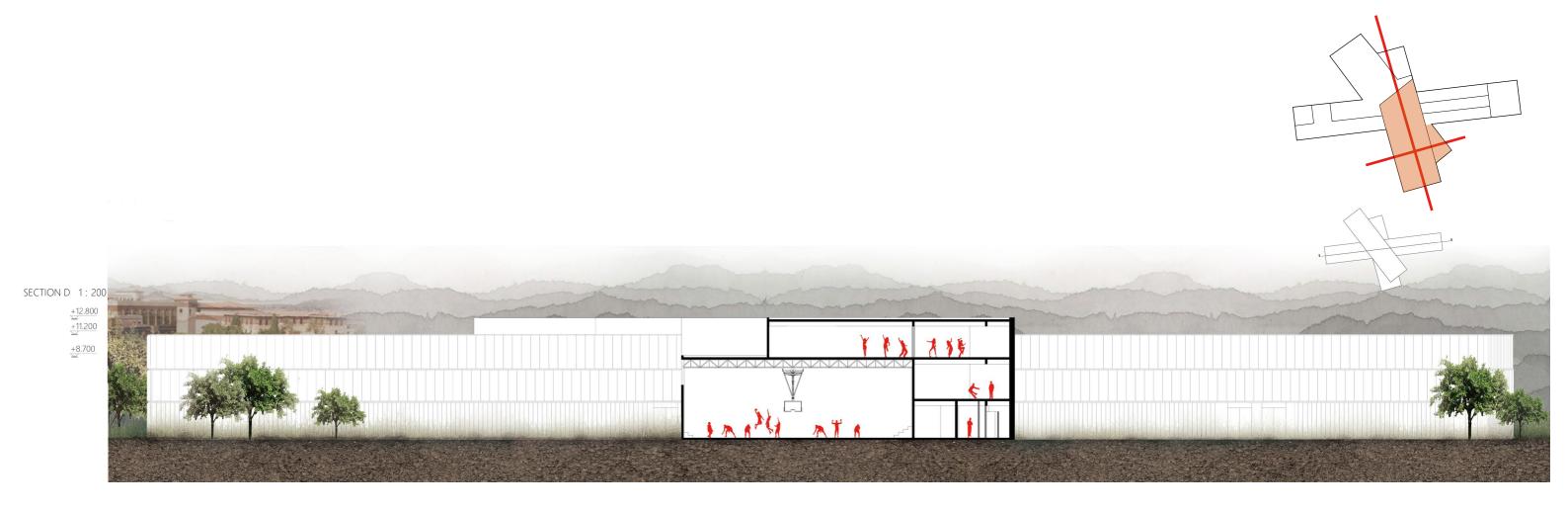
Central Atrium FRAGMENT ANALYSIS

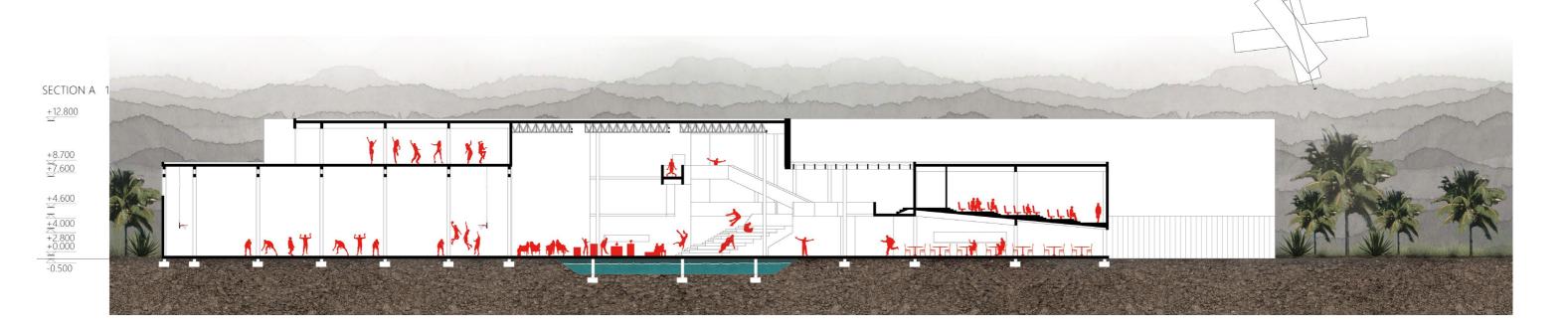


Central Atrium FRAGMENT ANALYSIS



International Life FRAGMENT ANALYSIS







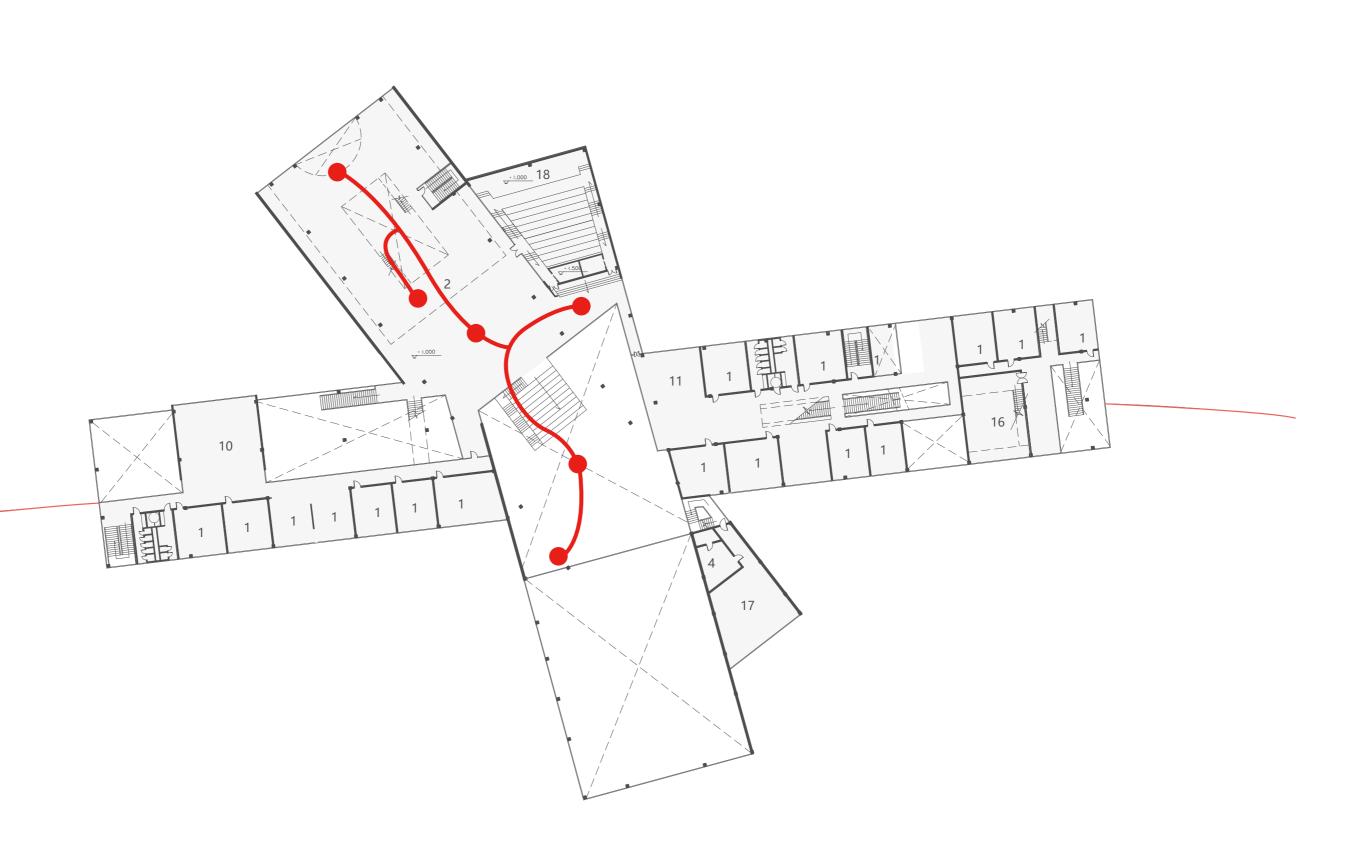


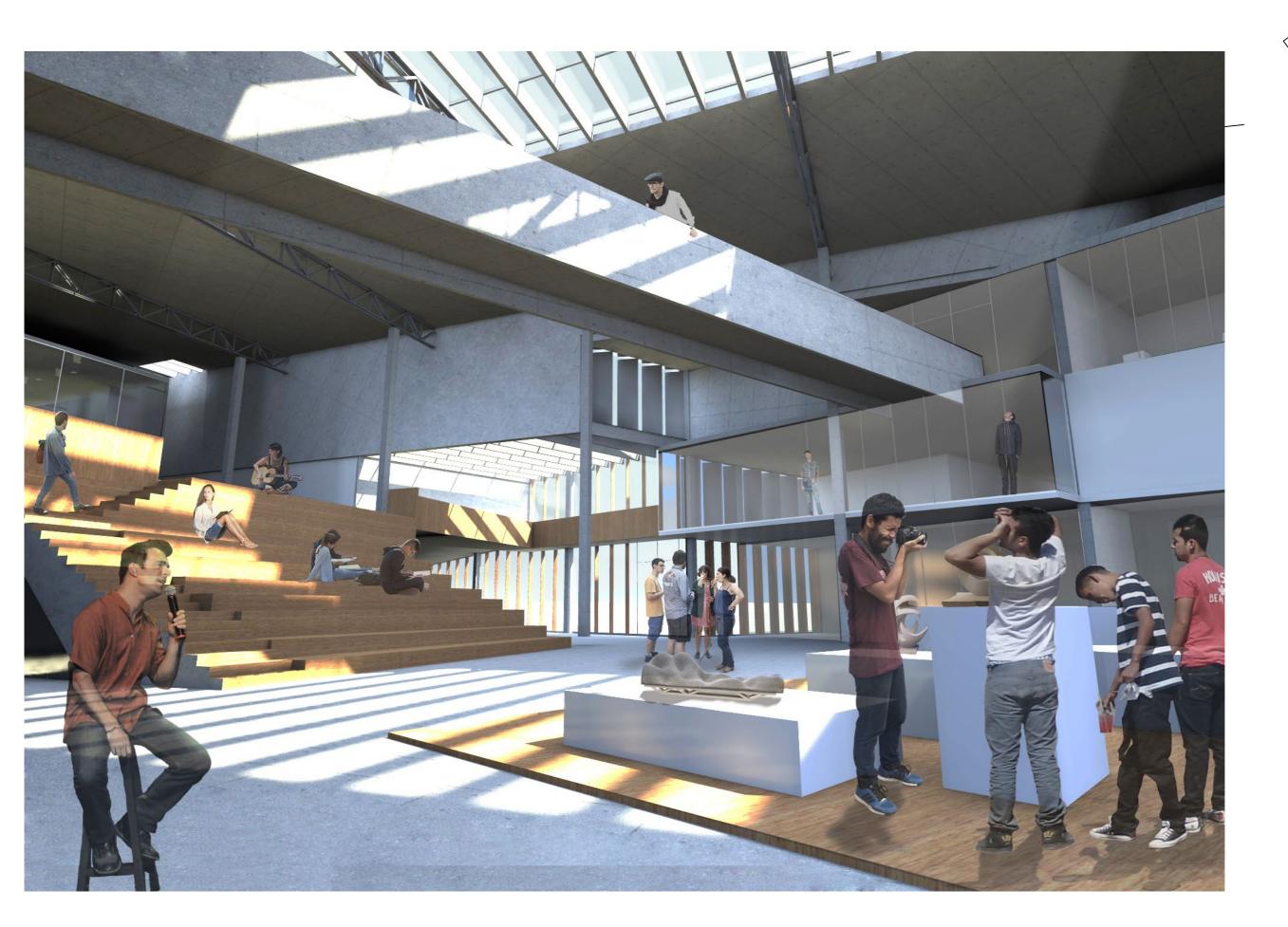


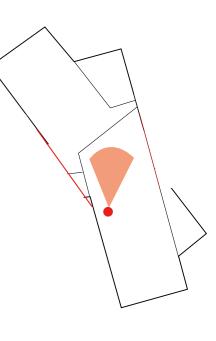
Job Fair FRAGMENT ANALYSIS



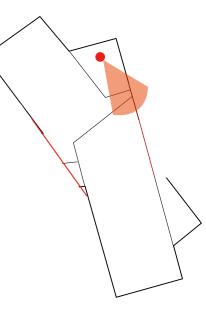




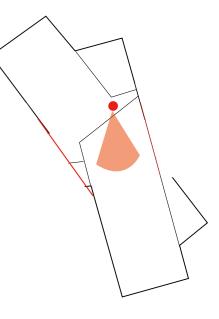


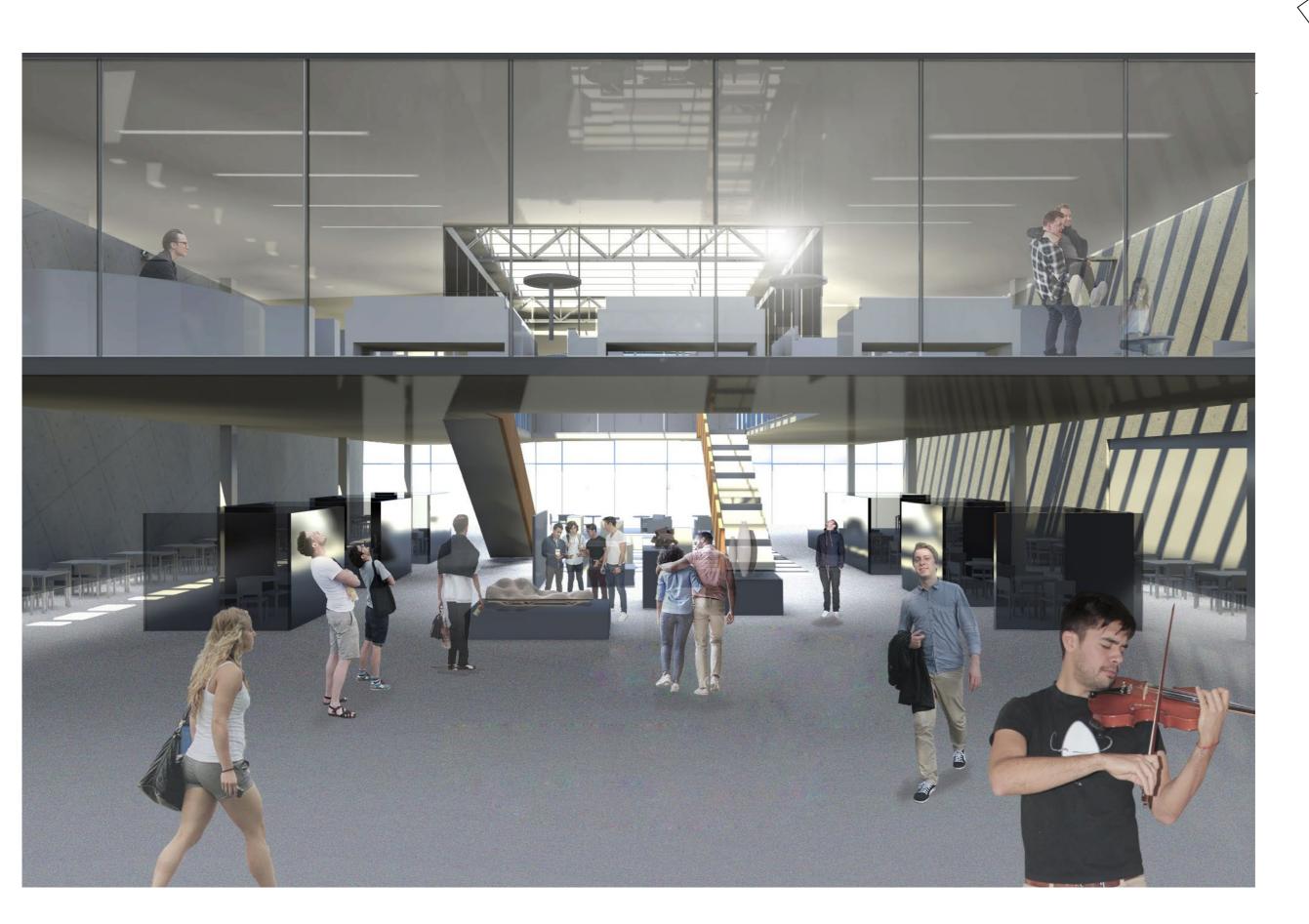


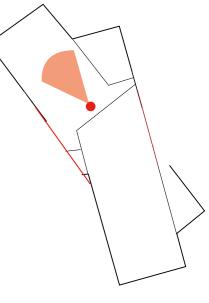


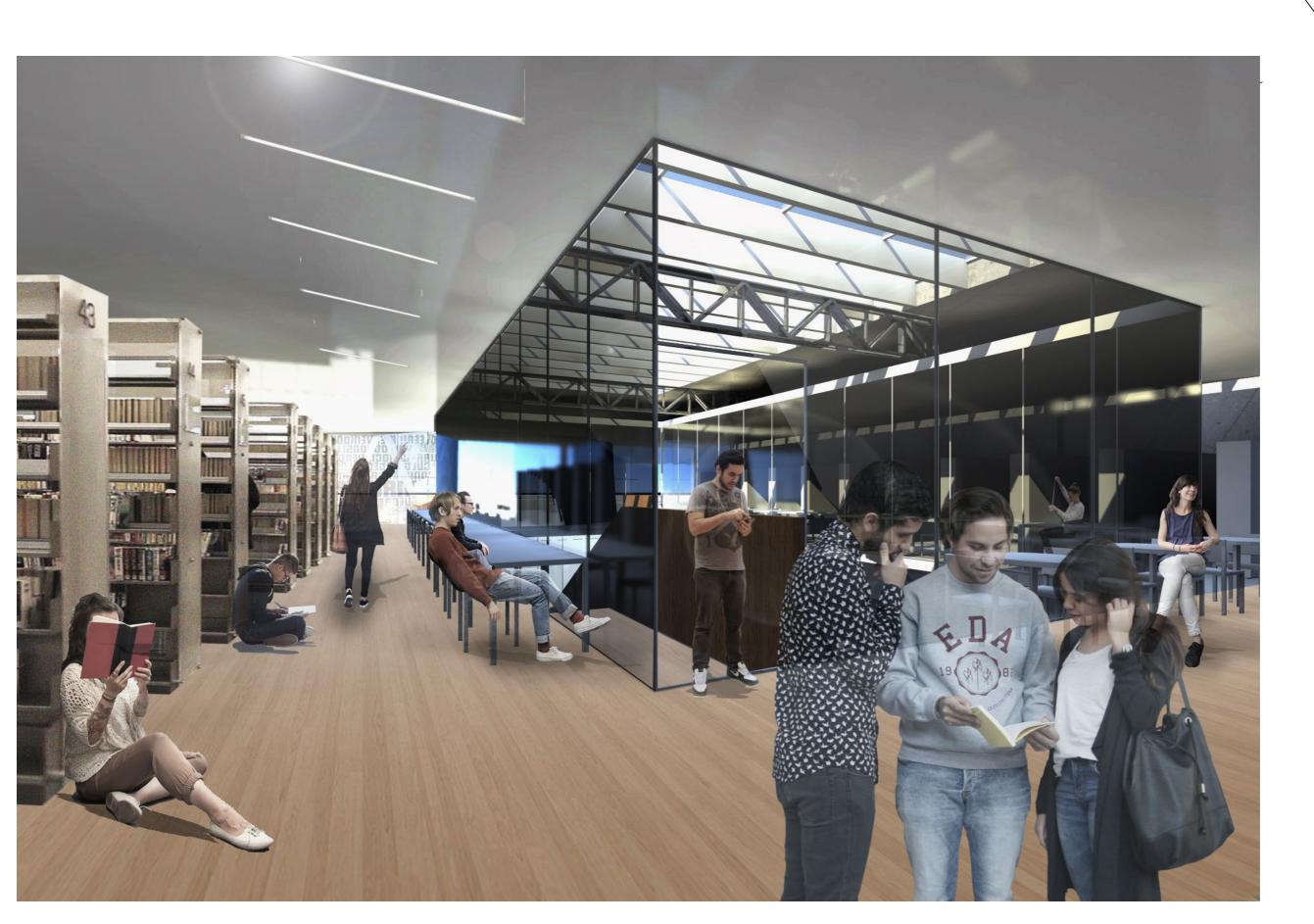


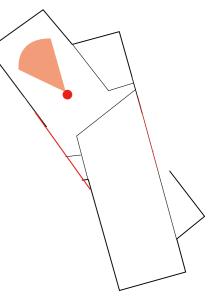




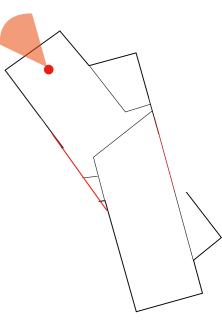


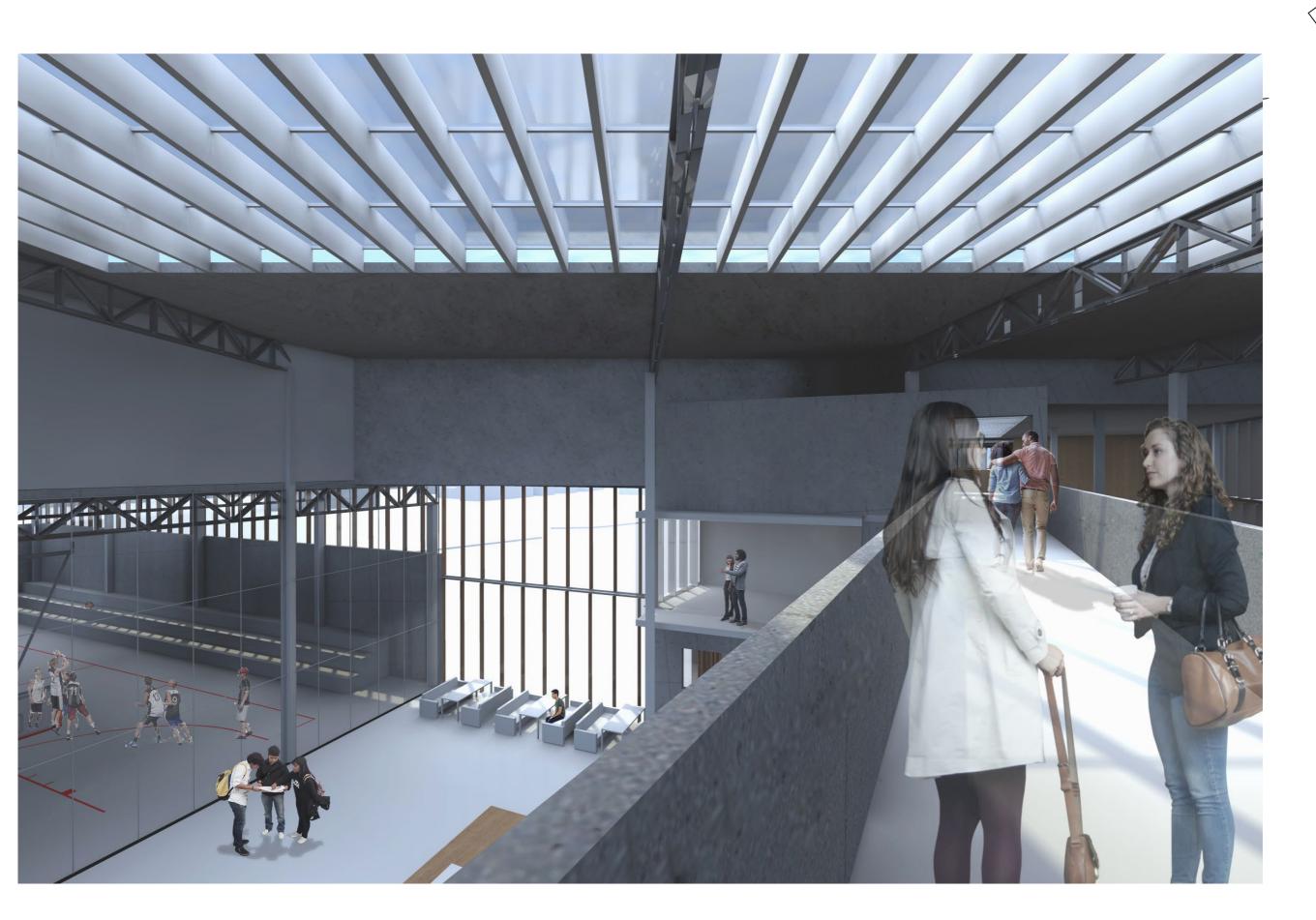


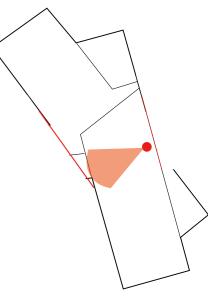






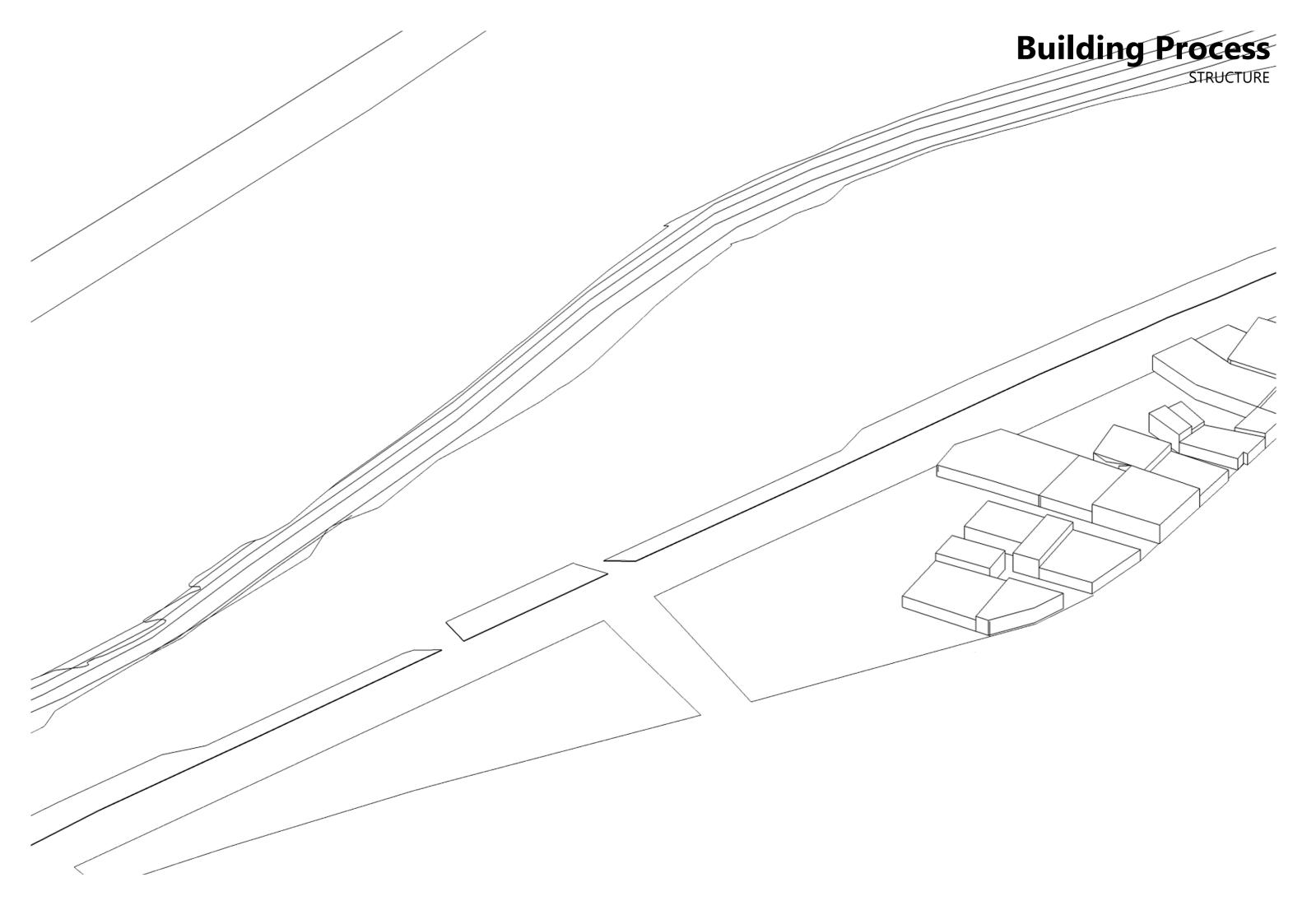


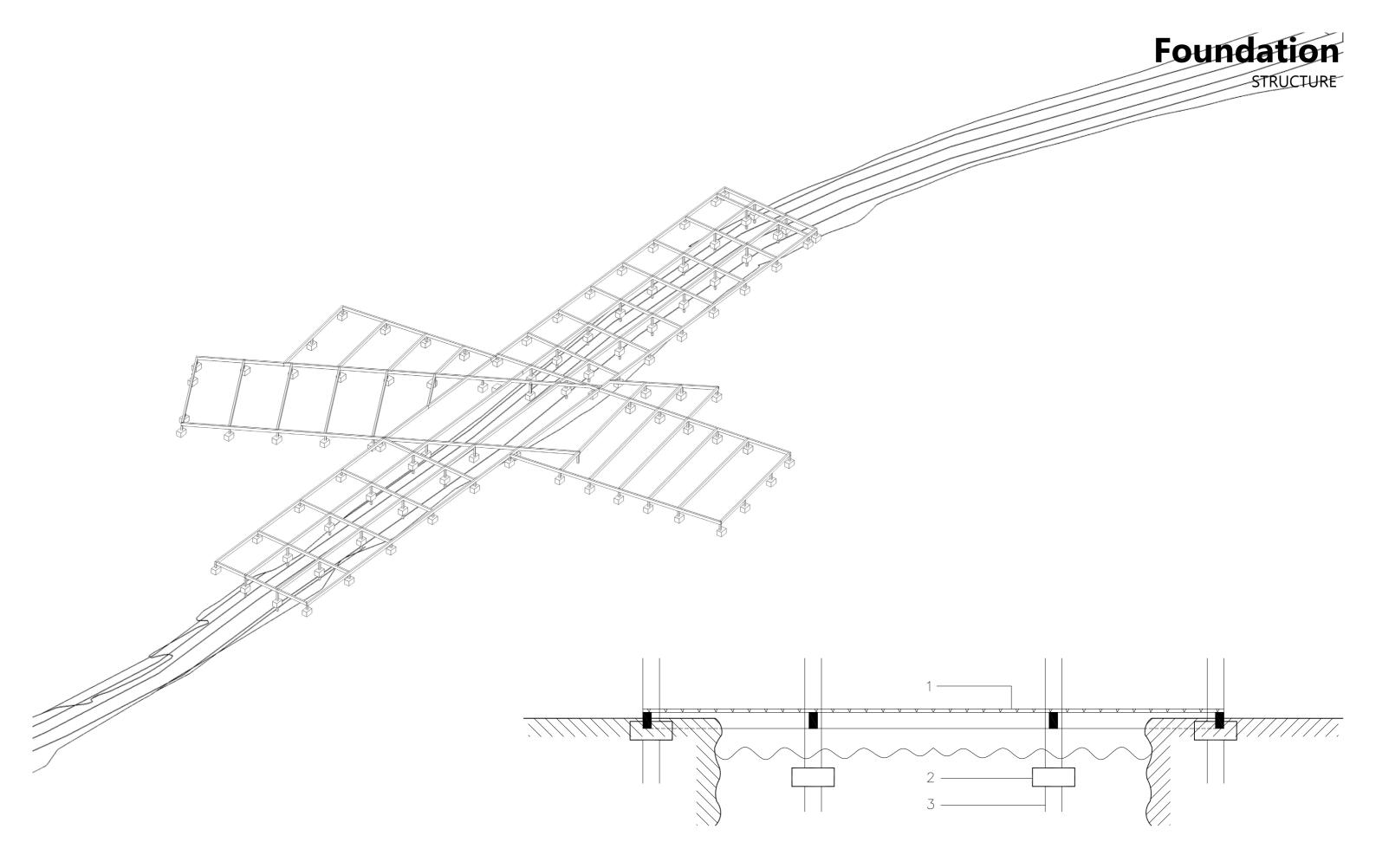




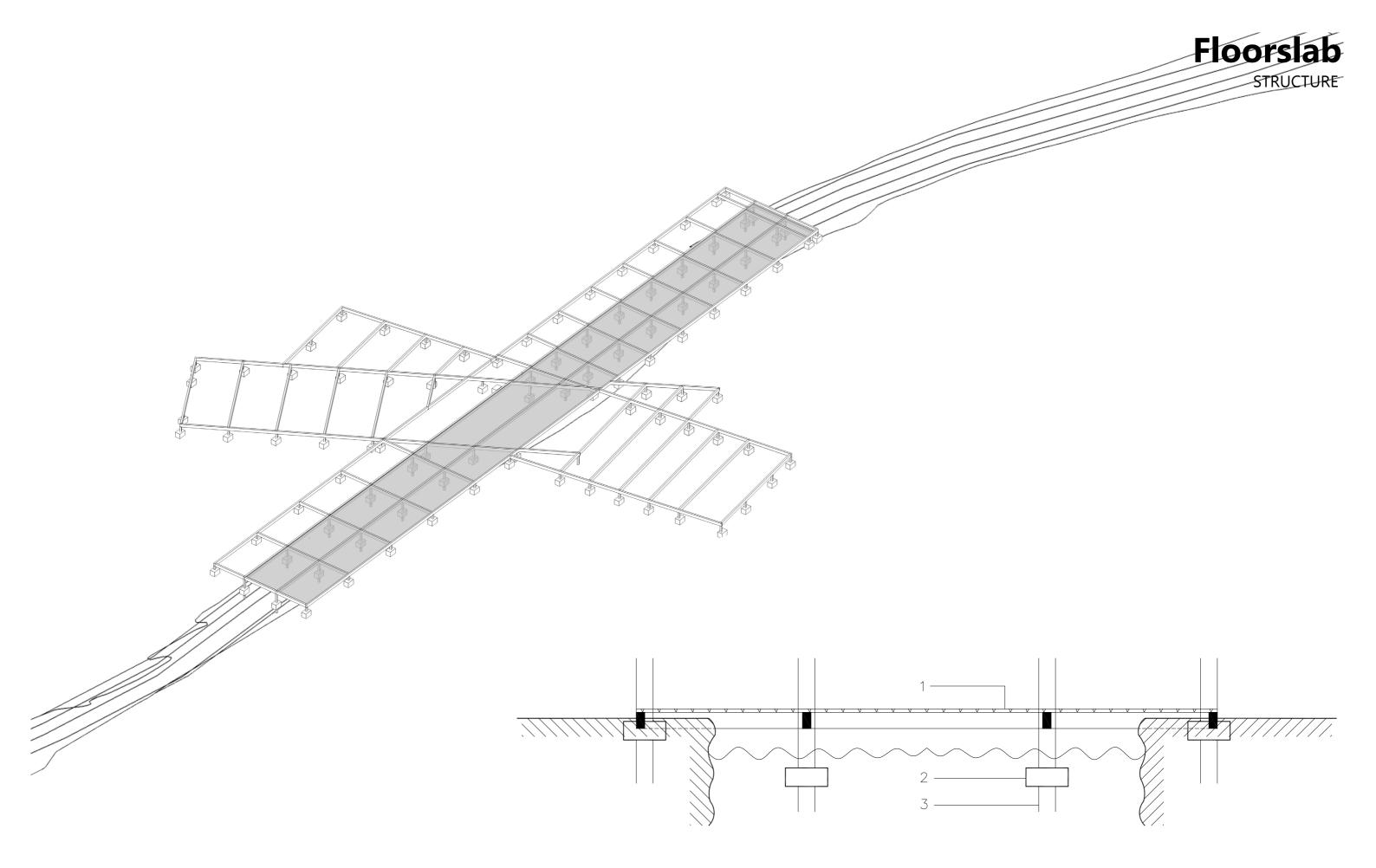


STRUCTURE CLIMATE MATERIAL





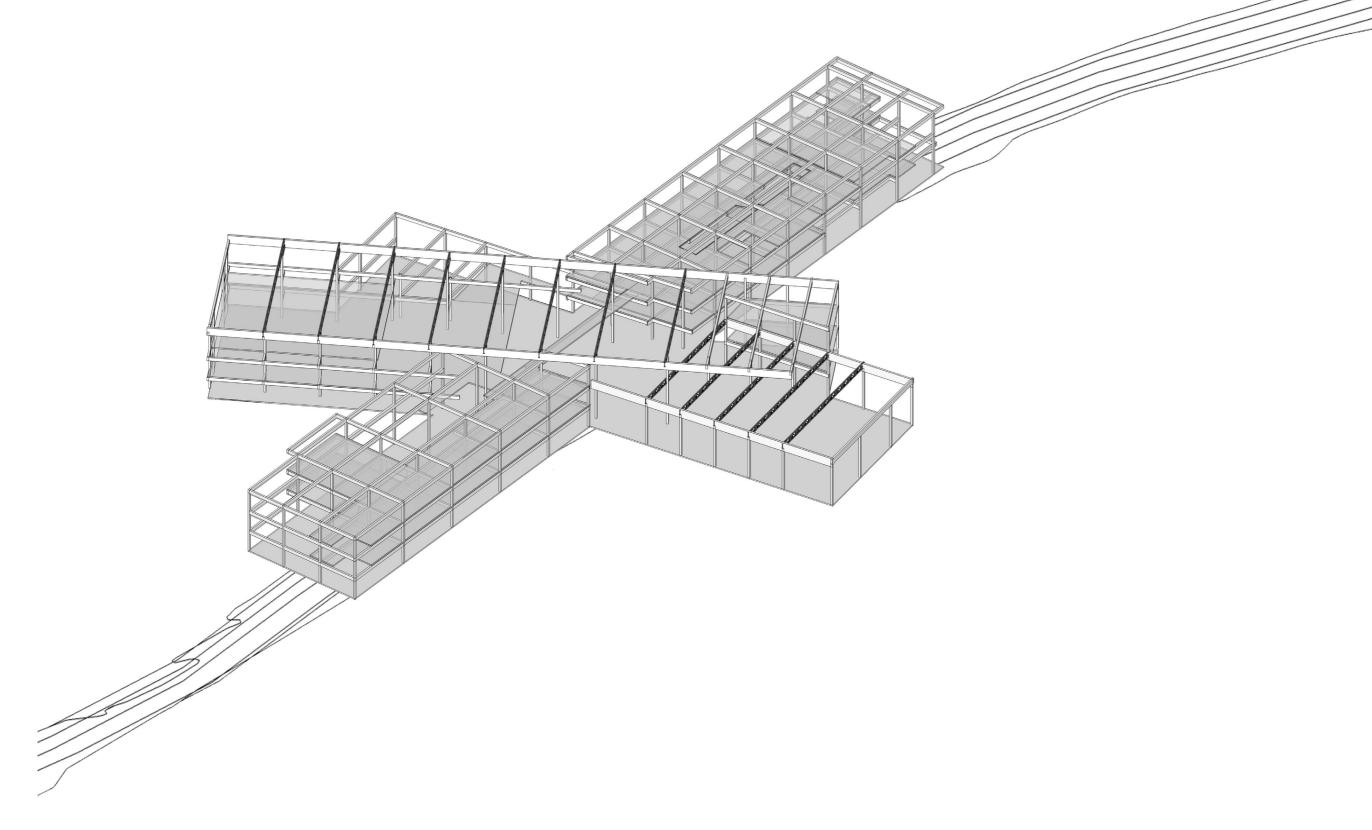
- 1 PREFABRICATED SLAB
- 2 CUSHION CAP
- 3 PILE FOUNDATION



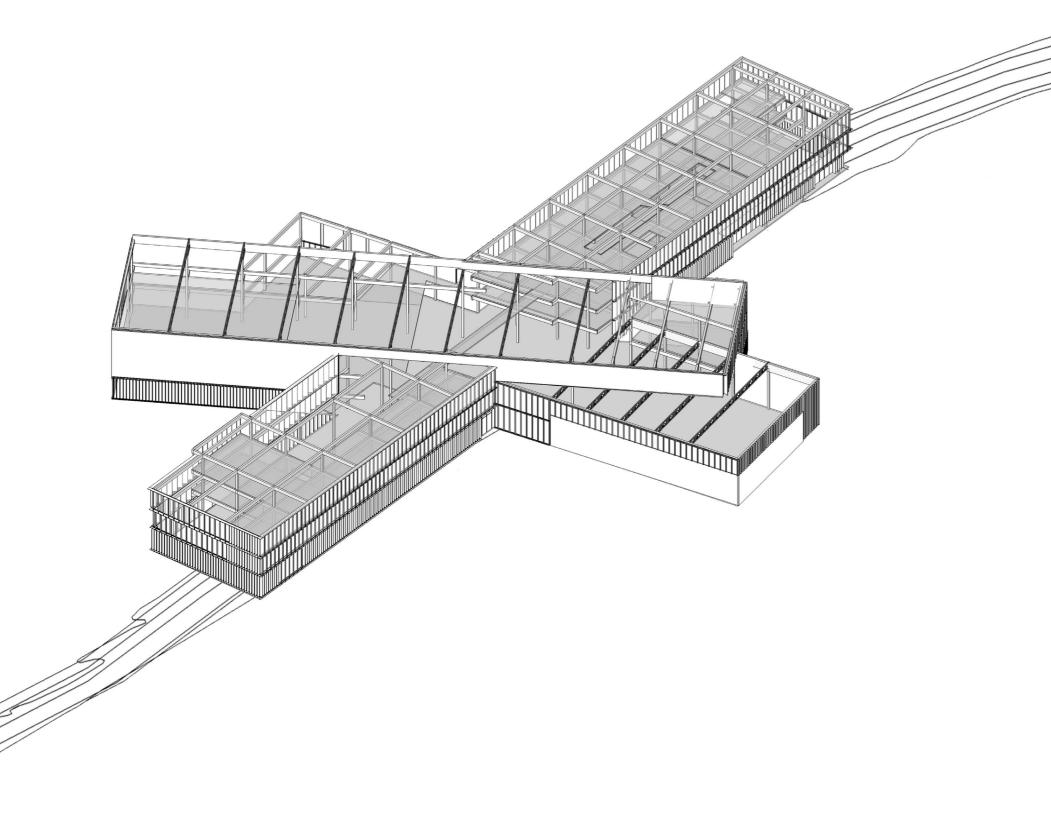
- 1 PREFABRICATED SLAB
- 2 CUSHION CAP
- 3 PILE FOUNDATION

Column and Beam STRUCTURE

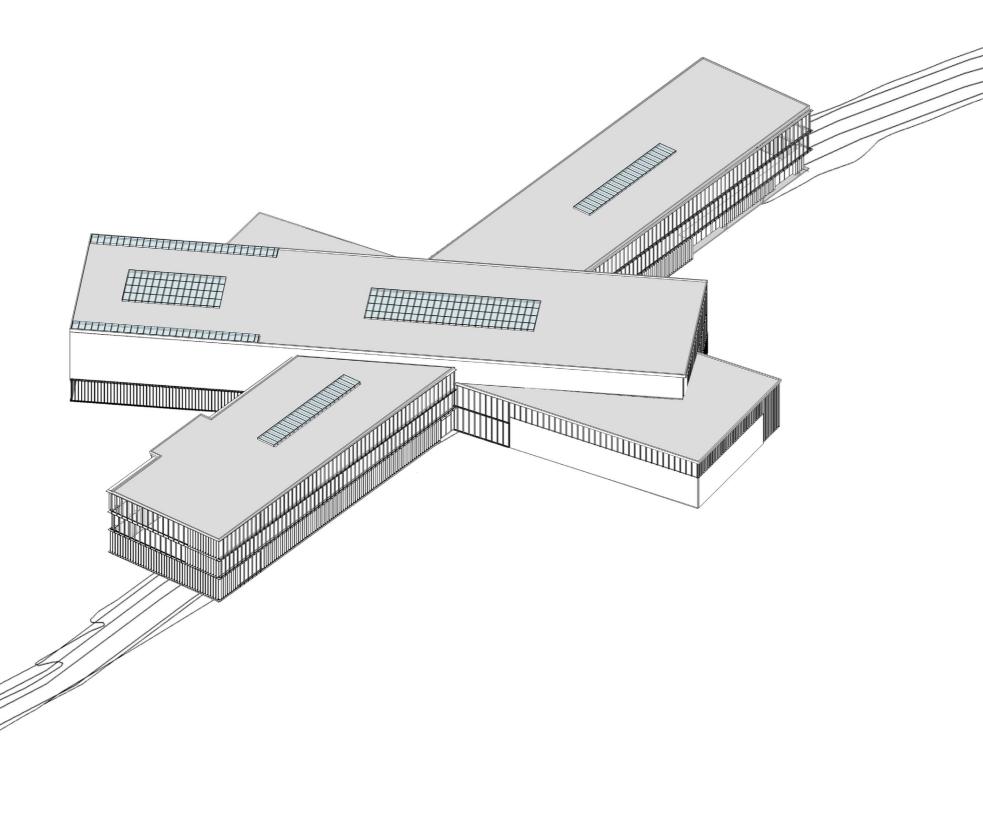




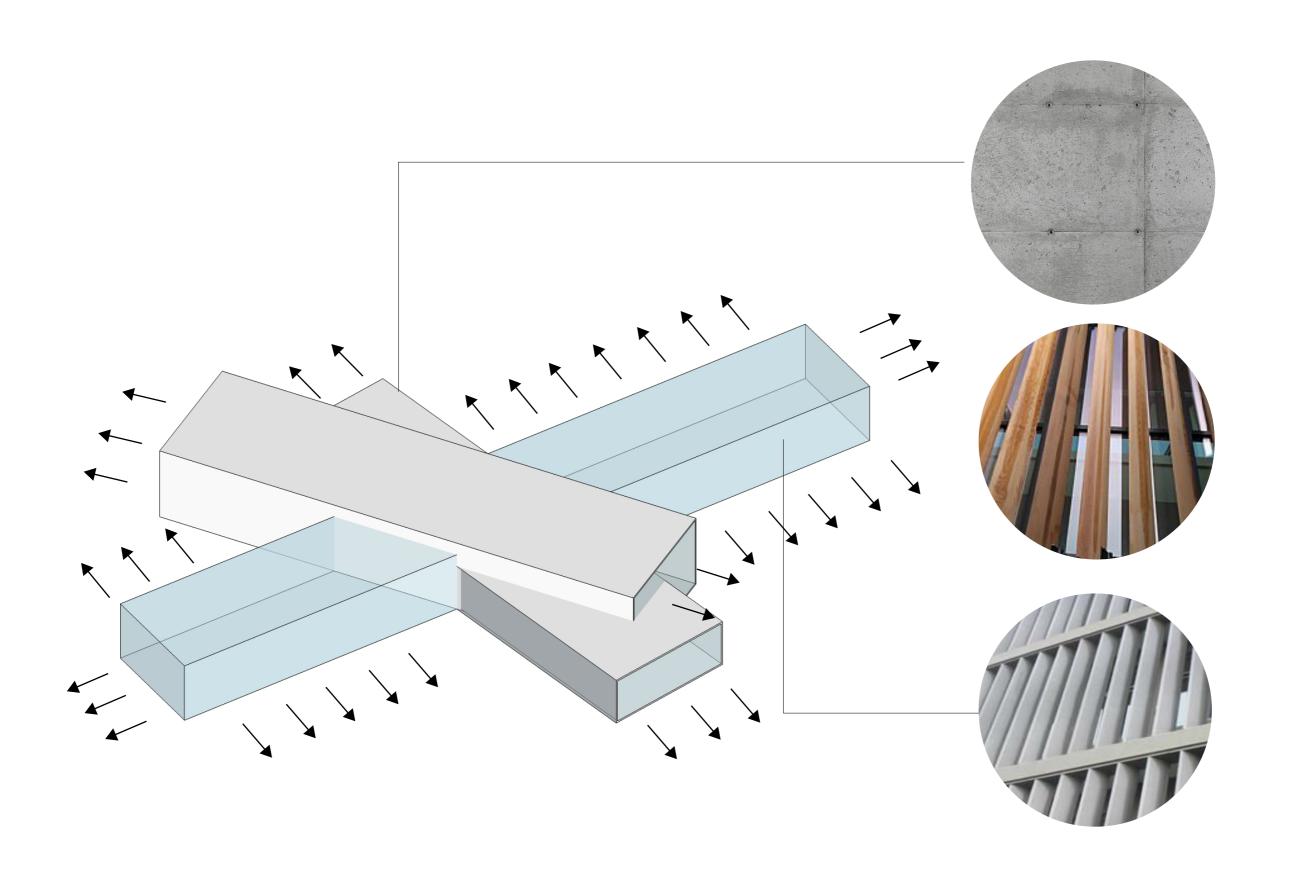




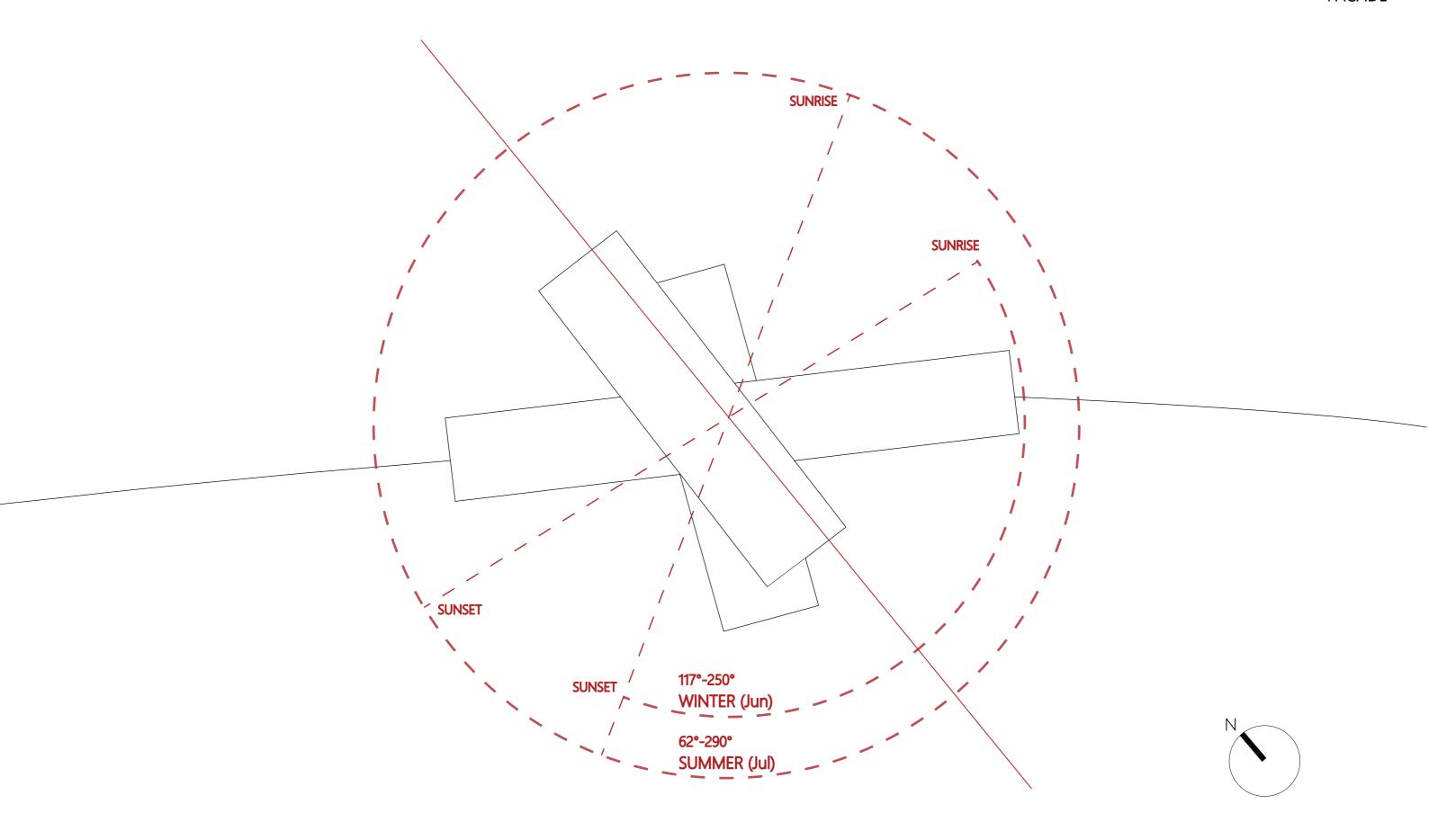




Two Main Facade



Orientation



Arrange Strategy FACADE SUNRISE / **SUNRISE** SUNSET 117°-250° SUNSET / WINTER (Jun) 62°-290° SUMMER (Jul)

Louver Rythem

FACADE



SOUTH ELEVATION

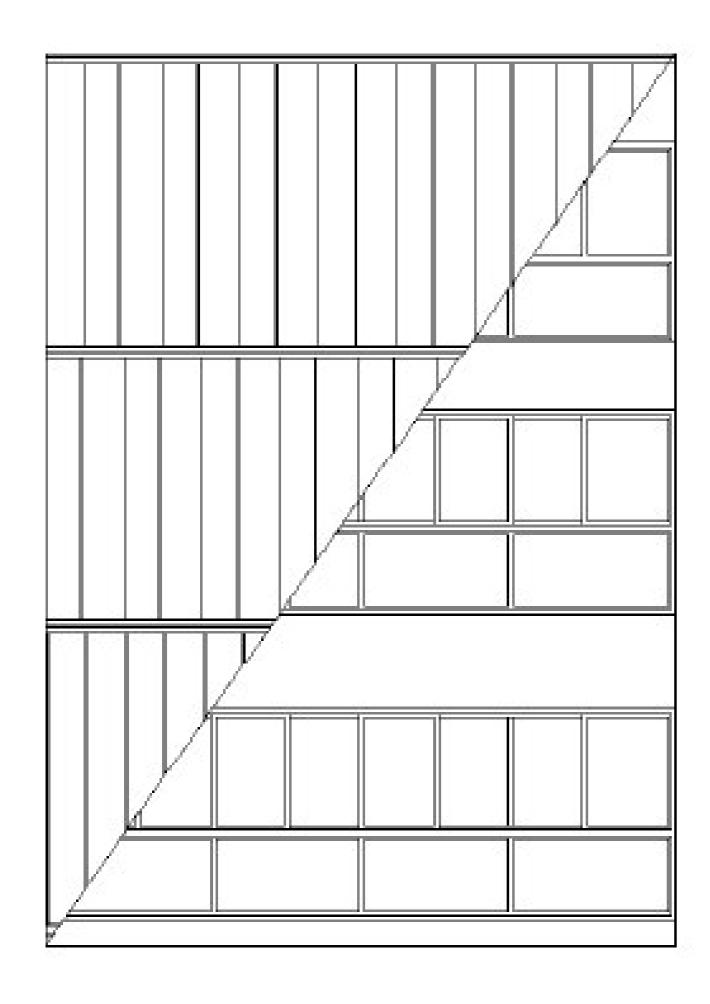
+12.800 +11.200

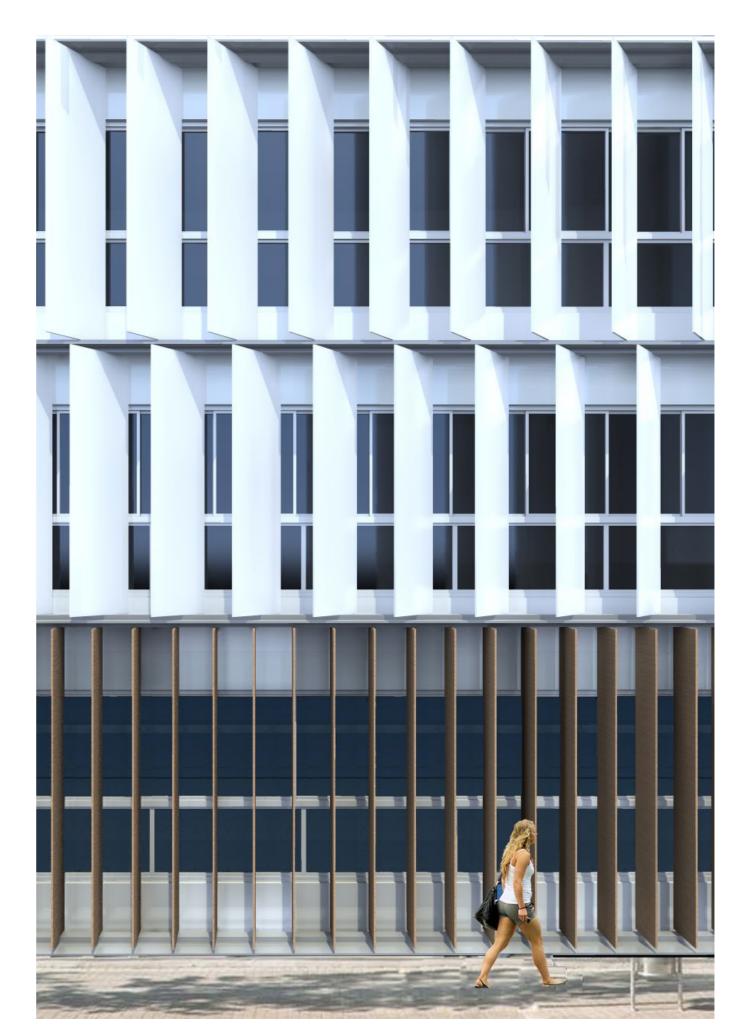
+8.700



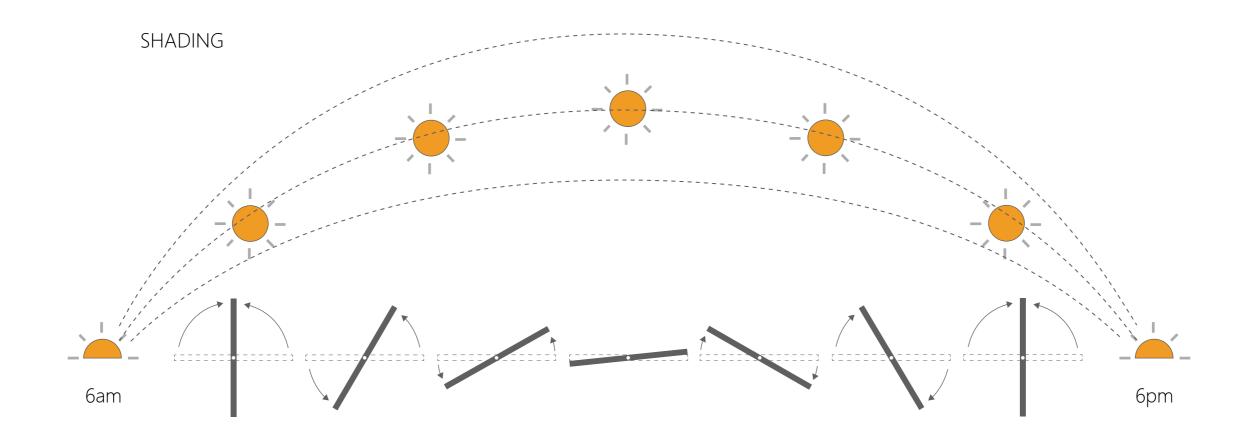
NORTH ELEVATION

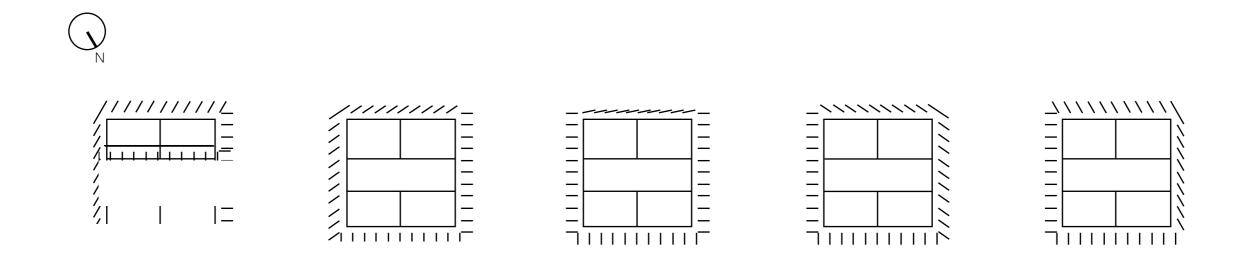
Facade Expression FACADE



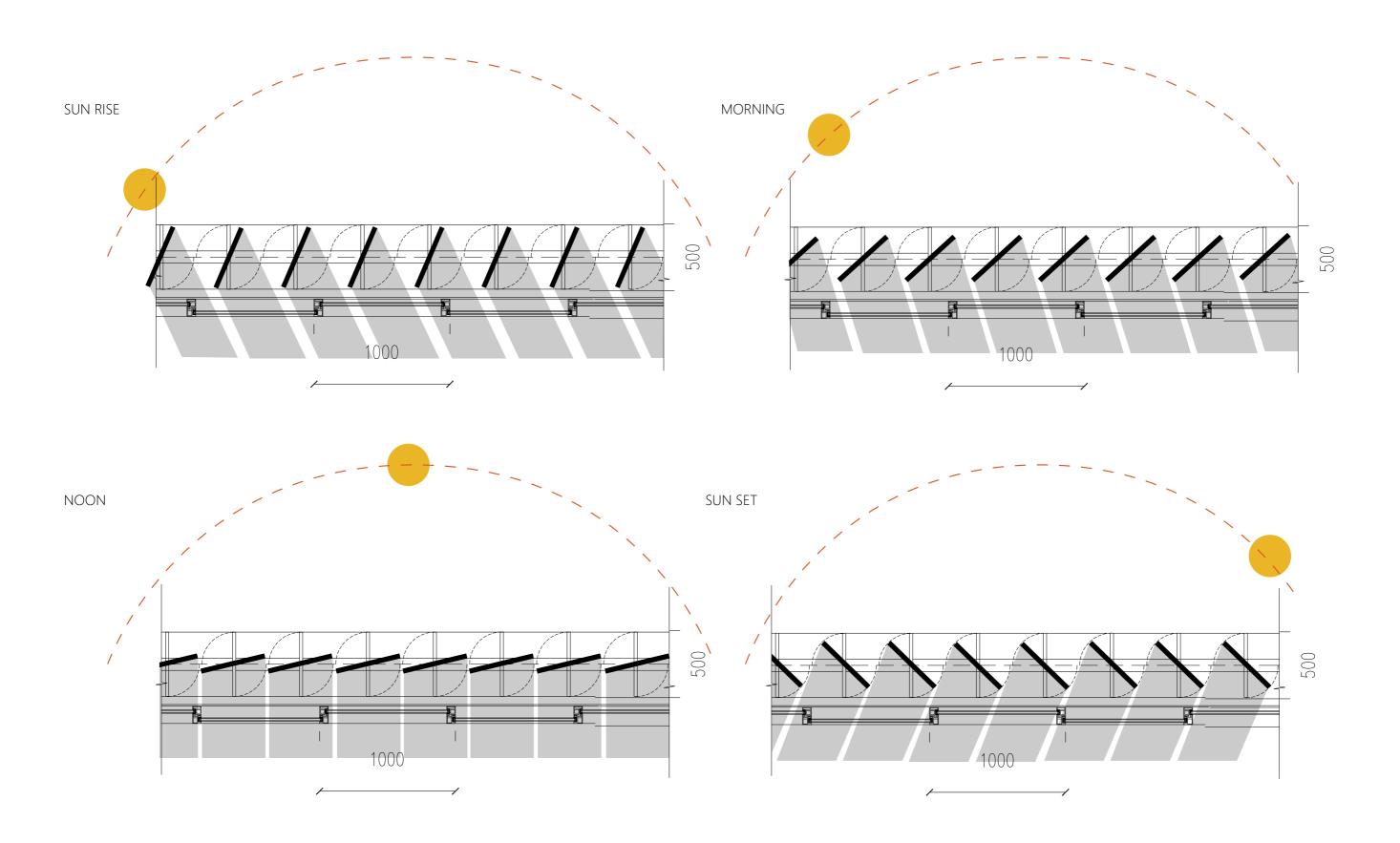


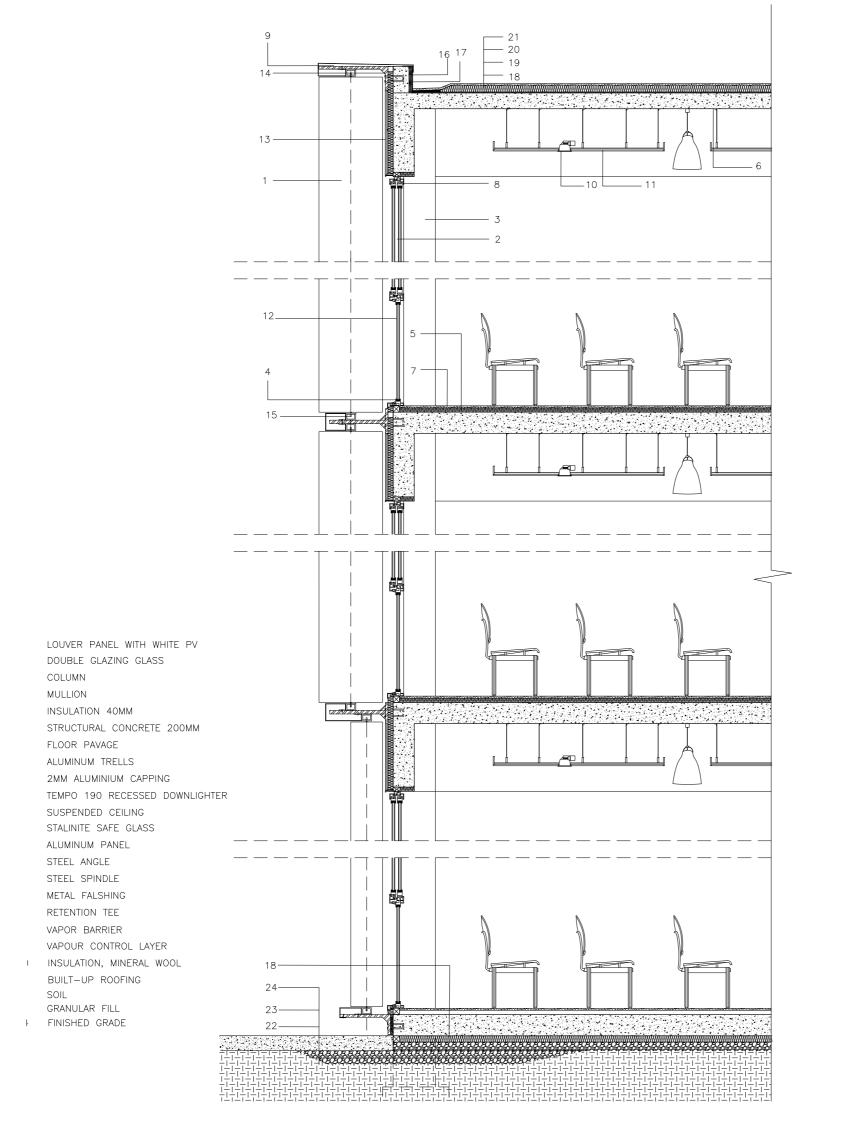
Shading Principle FACADE



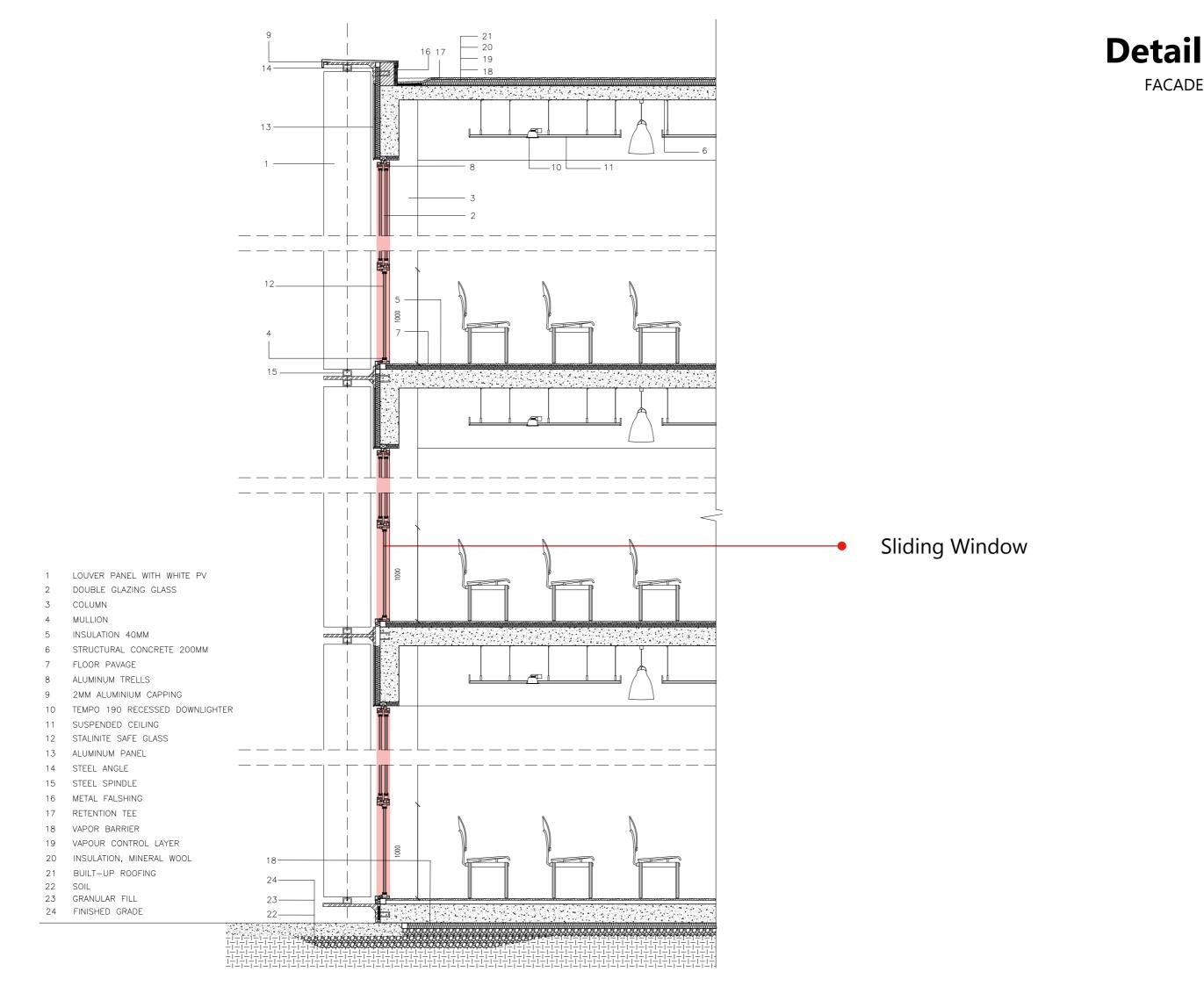


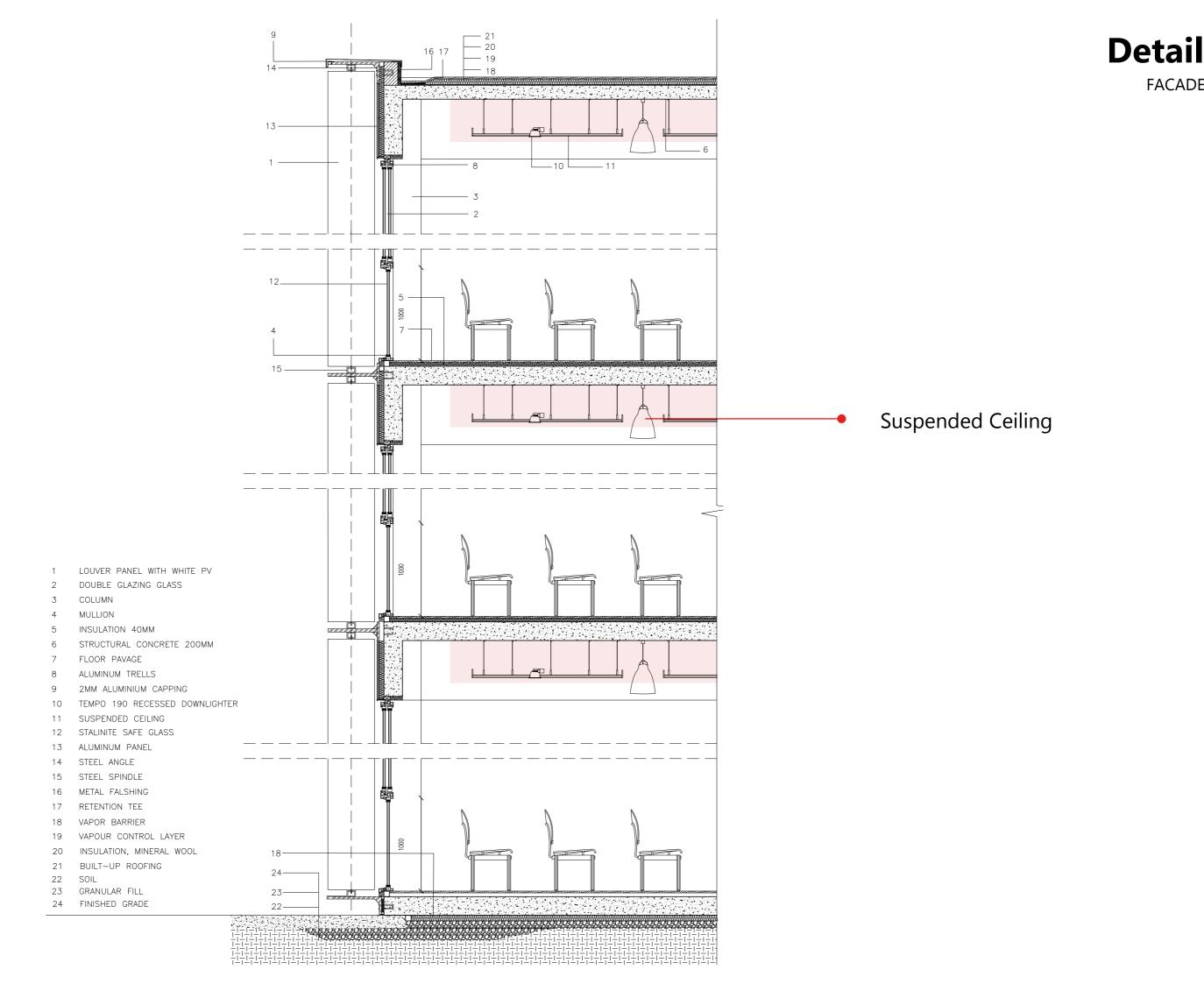
Shading Principle FACADE

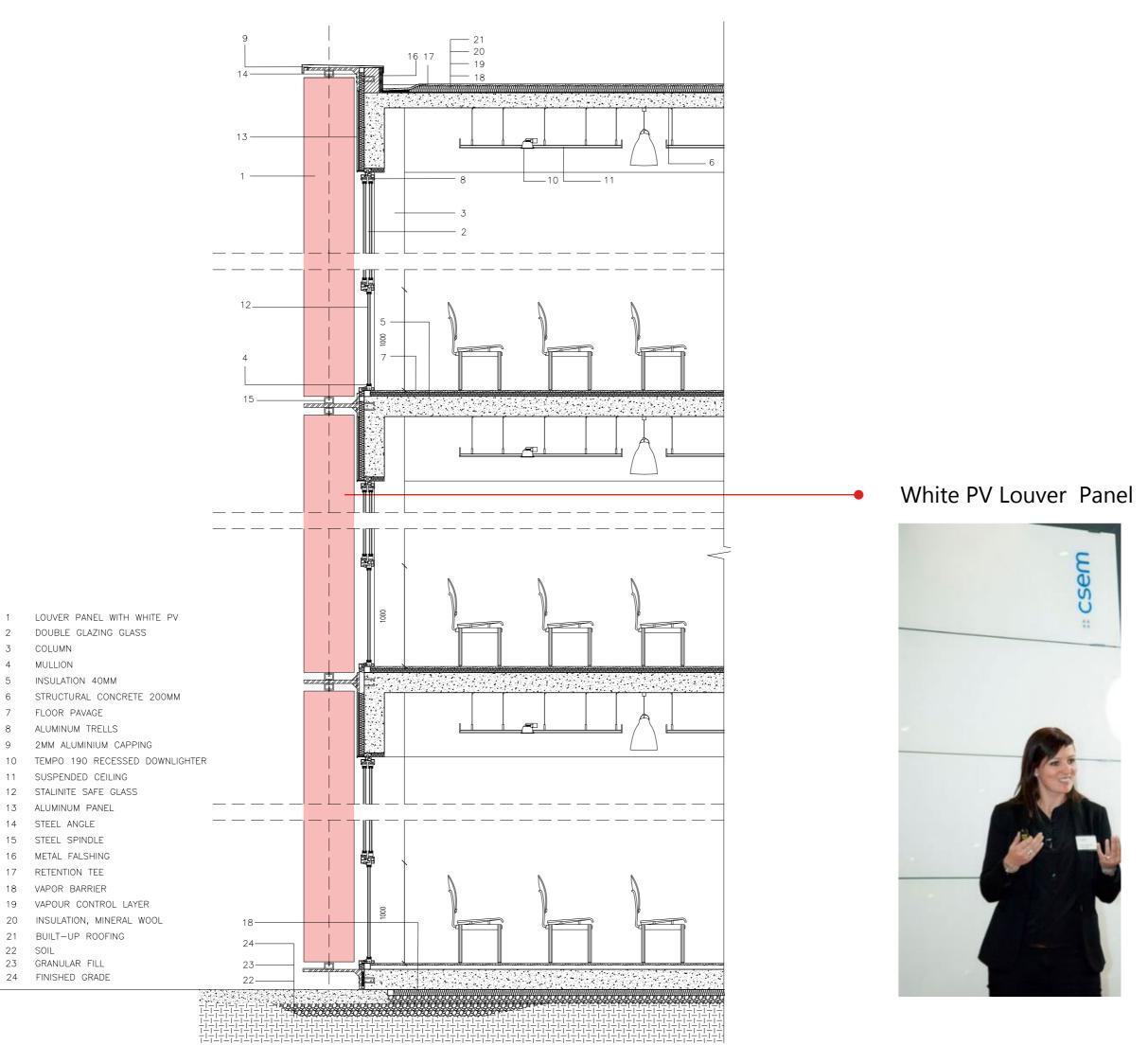




Detail







DOUBLE GLAZING GLASS

INSULATION 40MM

FLOOR PAVAGE ALUMINUM TRELLS 2MM ALUMINIUM CAPPING

11 SUSPENDED CEILING 12 STALINITE SAFE GLASS ALUMINUM PANEL

14 STEEL ANGLE

16 METAL FALSHING 17 RETENTION TEE 18 VAPOR BARRIER

23 GRANULAR FILL 24 FINISHED GRADE

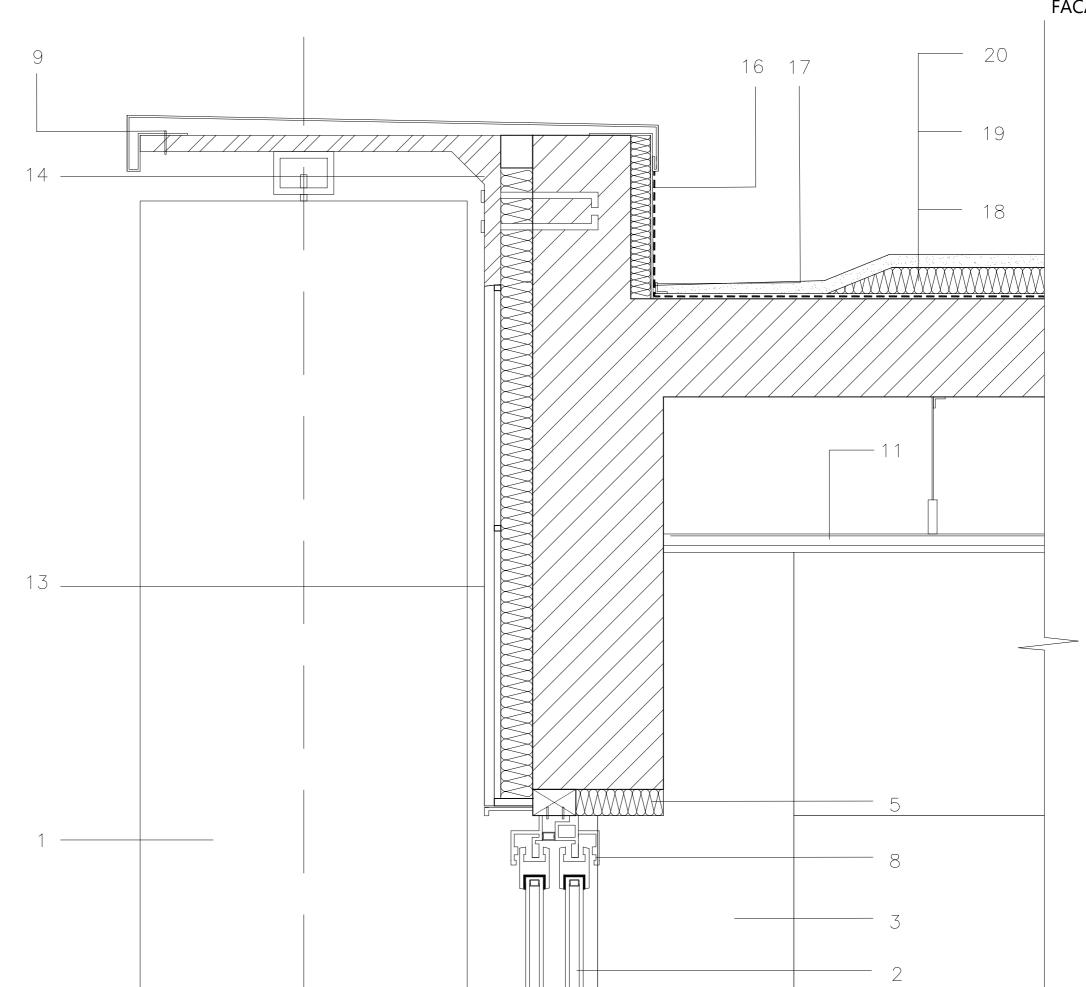
22 SOIL

19 VAPOUR CONTROL LAYER 20 INSULATION, MINERAL WOOL 21 BUILT-UP ROOFING

COLUMN MULLION **Detail**

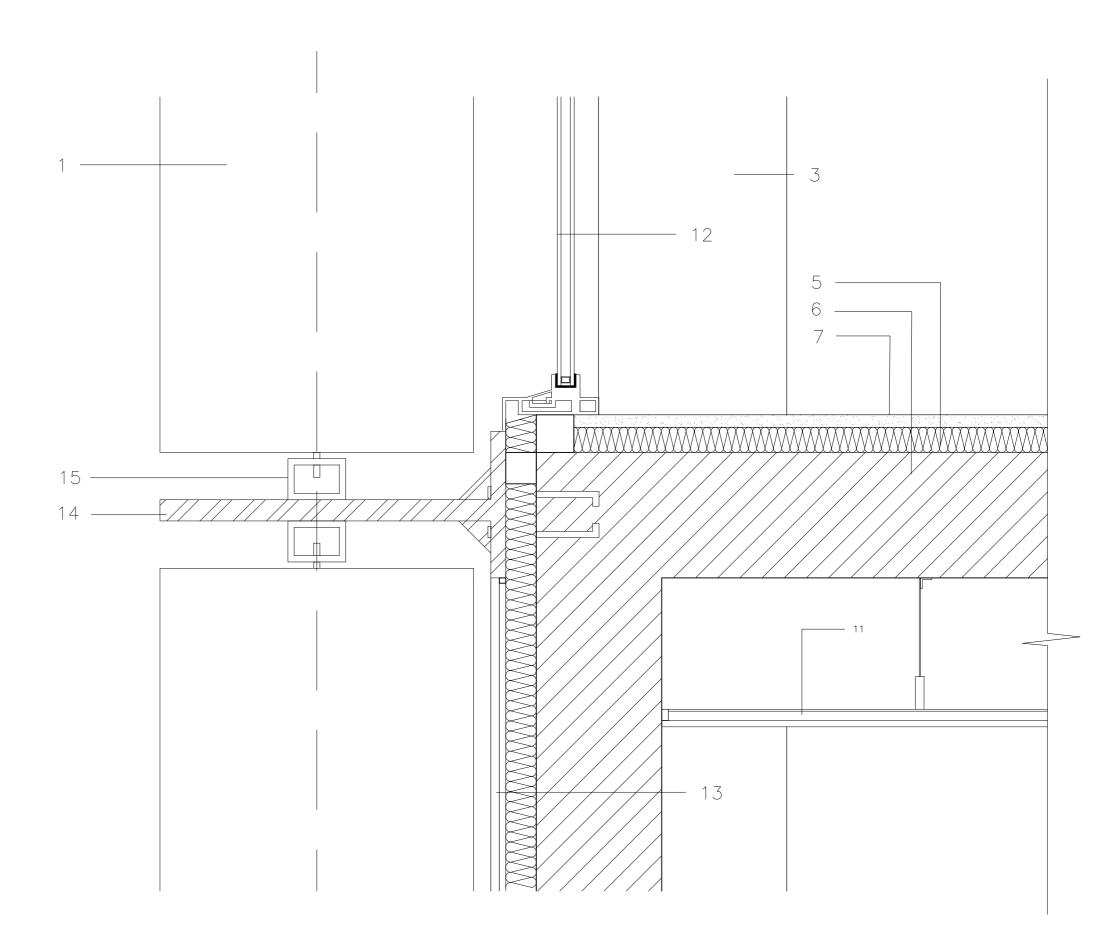
Detail





- 1 LOUVER PANEL WITH WHITE PV
- 2 DOUBLE GLAZING GLASS
- 3 COLUMN
- 5 INSULATION 40MM
- 8 ALUMINUM WINDOW FRAME
- 9 2MM ALUMINIUM CAPPING
- 11 SUSPENDED CEILING
- 13 ALUMINUM PANEL
- 14 STEEL ANGLE
- 15 STEEL SPINDLE
- 16 METAL FALSHING
- 17 RETENTION TEE
- 18 VAPOUR CONTROL LAYER
- 19 INSULATION, MINERAL WOOL
- 20 BUILT-UP ROOFING

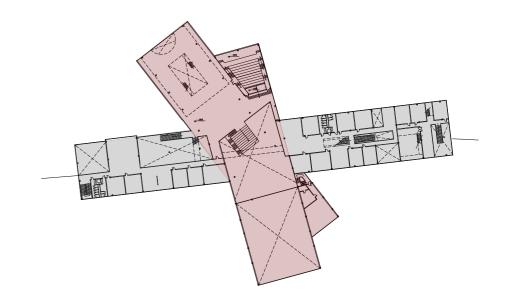
Detail

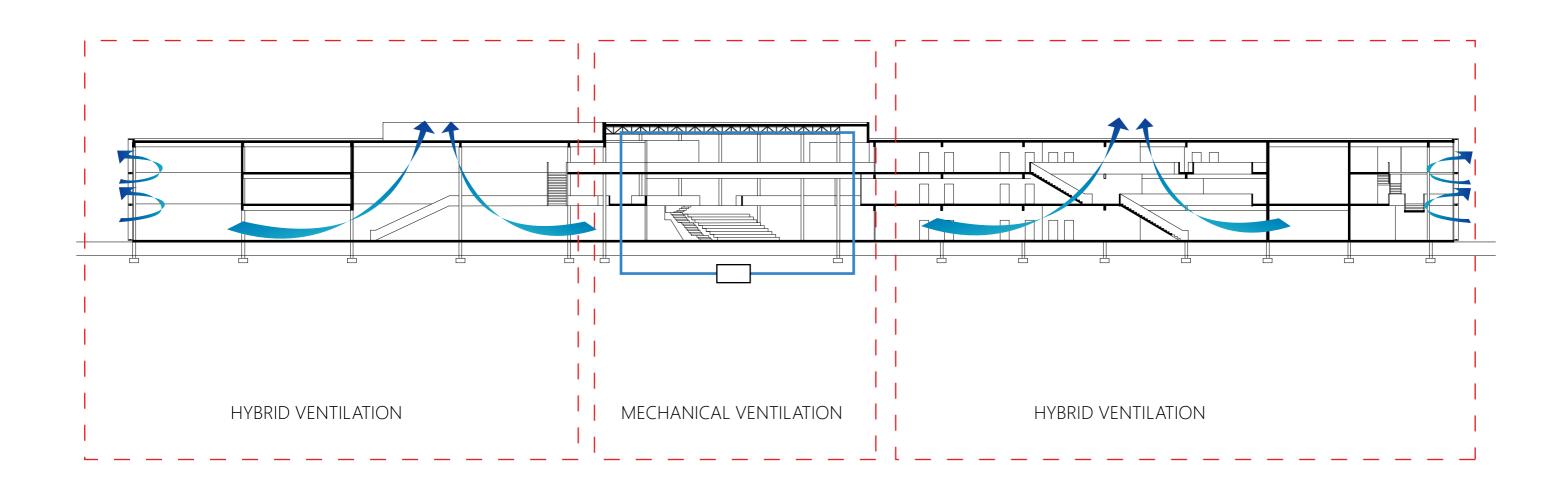


- 1 LOUVER PANEL WITH WHITE PV
- COLUMN
- 5 INSULATION 40MM
- STRUCTURAL CONCRETE 200MM
- 7 FLOOR PAVAGE
- 8 ALUMINUM WINDOW FRAME
- 11 SUSPENDED CEILING
- 12 STALINITE SAFE GLASS
- 13 ALUMINUM PANEL
- 14 SUPPORTING STEEL BOARD
- 15 STEEL SPINDLE

Climate Zone

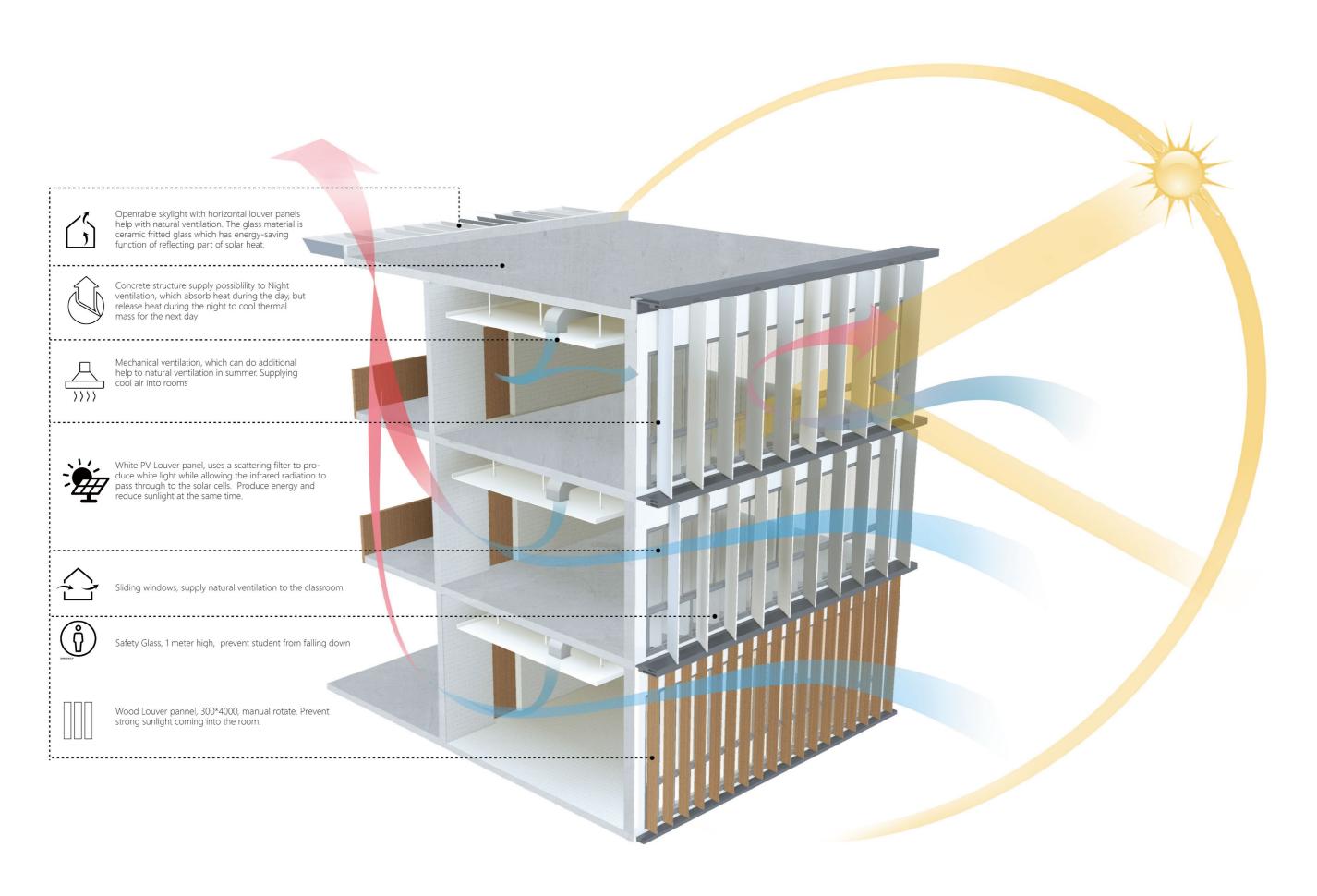
CLIMATE





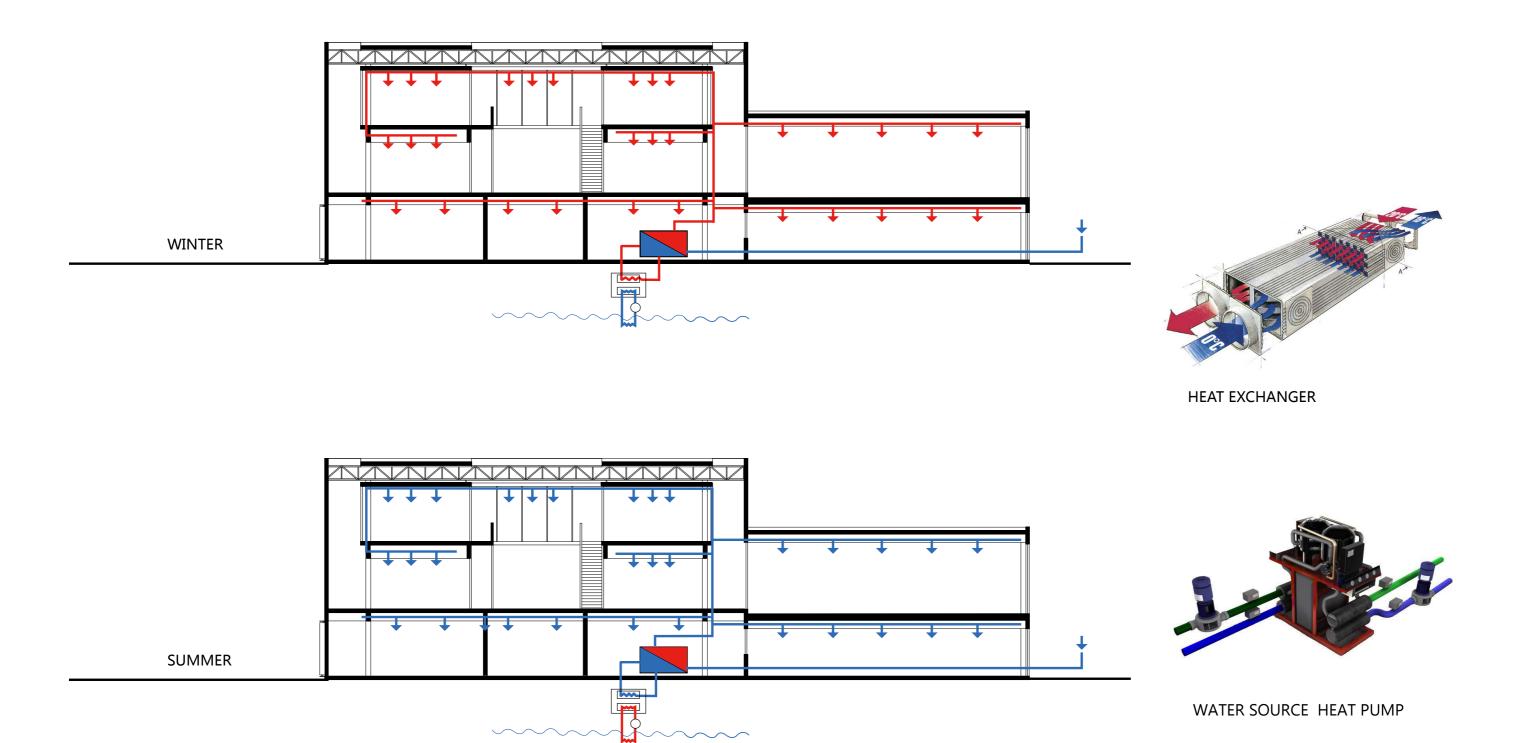
Hybrid Ventilation

CLIMATE



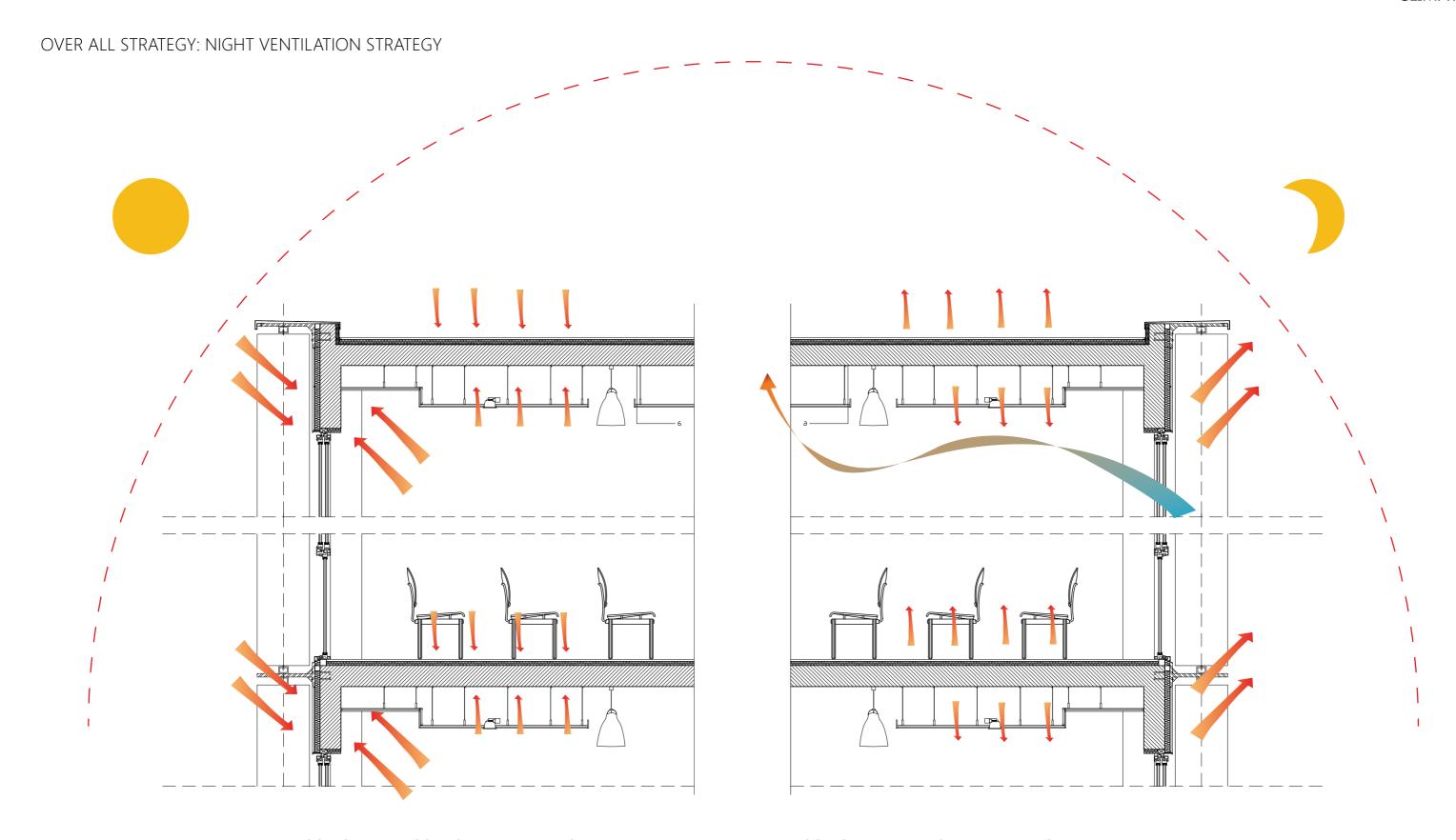
Mechanical Ventilation

CLIMATE



Night Ventilation Strategy

CLIMATE



CONCRETE ABSORBS HEAT DUIRING THE DAY

CONCRETE RELEASE HEAT AT NIGHT

