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A HIGH SHOOL in Brooklyn that offers a specialized curriculum in visual and performing arts including film, music, dance, drama and fine arts.

The school is a proposal for high-level academic performance in the form of an ART CONDENSER that will also be used after hours to house community art events. Thus, it will act as a CATALYST for future college students and serve as a MAGNET for neighborhood residents.

WHY?

Proposing high education in public schools is an optimistic approach to the improvement of the impact of the generations to come. As a measure to be taken in response to the recession, education is the best long-term investment for any culture. That is, investment in human capital.

FOR WHOM?

400 Students from 9th to 12th grade residents of New York City as well as the Artists, Organizations and Attendants involved in after hours exhibitions and activities.

"He who would learn to fly one day must first learn to stand and walk and run and climb and dance; one cannot fly into flying."

Friedrich Nietzsche

As part of the current generation leaving school to meet the real world in the middle of a global economic crisis, I would like to do "my own bit of saving" by proposing high performance education in public schools as an optimistic approach to the improvement of the impact of the generations to come. As a measure to be taken in response to the recession, education is the best long term investment for any culture. That investment is human capital.

A school of the arts goes one step further. By offering a major in art, the students are being imprinted a special sensitivity, as well as being given the possibility of choosing one form of art to be intensively specialized in which can potentially be a bridge to college.

In addition to its functionality as a school, its artistic character will be kept after hours holding community activities such as adult classes of the same art disciplines offered for the school students as well as performances and exhibitions from outside artists/musicians/filmmakers/dancers, which will actively connect the school with the city's artistic movements.

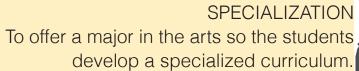
The design intent will be to organize the programmatic elements around the different art forms the schools offers. Just like the sensitivity from the art that is meant to be part of the students daily routine at the school, the beauty of the architecture that houses it should be inspiring in the same way.





EDUCATION

To provide an appropriate learning environment for the teenagers, and promote their highest level of performance.







BEAUTY

To be influential for the education and sensitivity of the students.

COMMUNITY

Engagement with the neighborhood through art to encourage the involvement of its residents with the project.





SAFETY

Creation of a second home with a high concern for safety but at the same time being open to its surroundings.

ACCESS Interaction between outdoor and indoor activity.



Key goals my solution will satisfy include:



To provide a program that allows for the intensive involvement of each student in the art discipline chosen.



To engage the community with the school through the arts by attending and/or performing after school hours.B



To preserve the artistic spirit of Brooklyn avoiding the migration of artists to other parts of the city.

GUIDING PRINCIPLES GOALS

DIRECT USERS:

(400)Students from 9th to 12th grades residents of New York City

INDIRECT USERS:

Family of the students enrolled

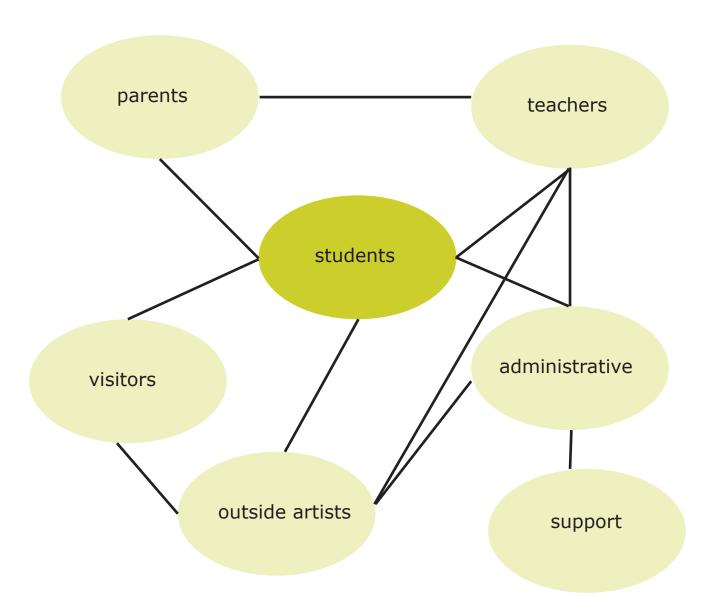
Staff:

Teachers
Support
Administration

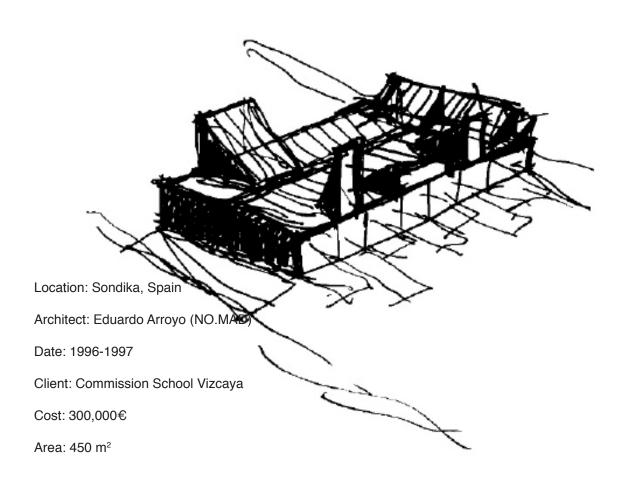
Artists and Organizations involved in after hours exhibitions. **Attendants** to after hours activities

OWNER:

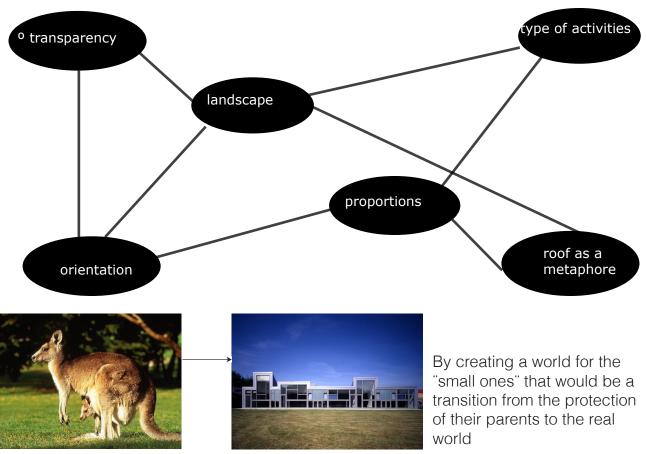
NYC Public school



PRECEDENT STUDY: Sondika Nursery School



MARSUPIAL BAG

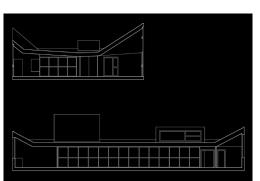


SCALE. Proportions for the "small ones"



ROOF as a metaphor of the surrounding LANDSCAPE





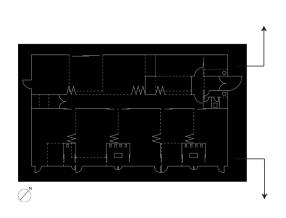




TRANSPARENT VS TRANSLUCENT and ORIENTATION

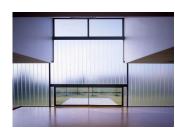
West side is **translucent**. Thus it Lets the light come as well as the reflections of the sun as it goes down; but isolates the space from the views to create an atmosphere for eating and sleeping, which are the programmed afternoon activities.

East side is **transparent** for the children to interact with the landscape during the morning activities.



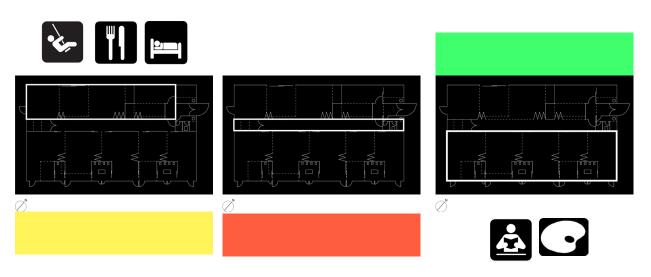








Spaces for TYPES of ACTIVITIES and their relationship with ORIENTATION and TRANSPARENCY

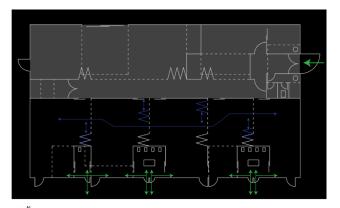


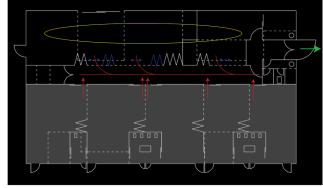
Color-themed spaces: yellow for the multiple zone, red for the central corridor and green for the classrooms.

All the learning activities happen in the classrooms located at the East side. The transparency of the structural glass wall lets the children interact with the landscape and enjoy the morning sun.

The psycomotor activities as well as eating and napping are programmed for the open space at the West side.

CIRCULATION





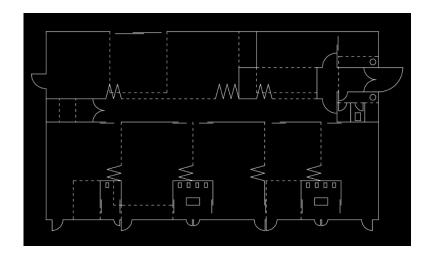




PROGRAM Program of spaces for Precedent study



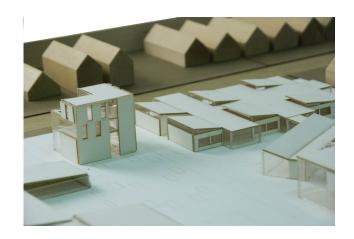
Program of Spaces for Precedent Case Study: Nursery School. Location: Sondika, Spain Architect: Eduardo Arroyo (NO.MAD)



Types and number of spaces:		Area for each :		
1= classroom type1		-46.8 m²/ 503.7 ft²		
2= classroom type2		⁻ 37.5 m²/ 403.6 ft²		
3= multipurpose classroom		87.5 m ² / 941.8 ft ²		
4= bathroom type1		–14 m²/ 150.6 ft²		
5= bathroom type2		_12.5 m²/ 134.5 ft²		
6= bathroom type3		_7 m²/ 75.3 ft²		
7= corridor/circulation		-44.5 m²/ 478.9 ft²		
8= professors room		-31.25 m²/ 336.3 ft²		
9=entrance/lobby		_18.75 m²/ 201.8 ft²		

Total Area: 450 m2 / 4843.7 ft²

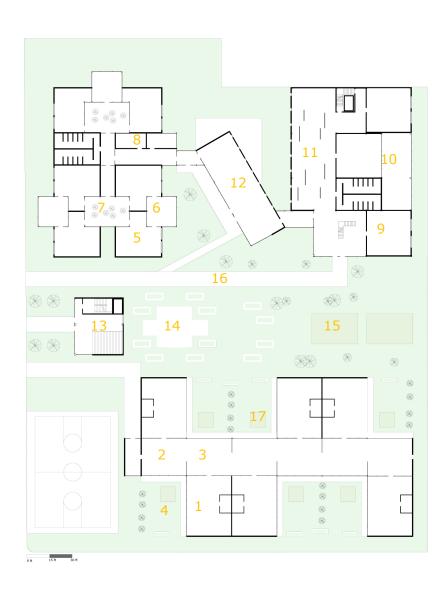
PRECEDENT STUDY Montessori School of ENGLEWOOD







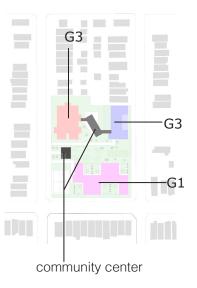
I consider my proposal for the Montessori school of Englewood as a precedent study of educational architecture. The focus in this case was the classroom and how all the different types of learning activities happen within it as the Montessori method requires.



- 1 Learning room G1
- 2 Shared Motor space G1
- 3 Shared Sensorial space G1
- 4 Open space designated for classroom G1
 5 Learning room G2
 6 Shared Motor space G2
 7 Shared interior garden G2

- 8 Administrative office
- 9 Clasroom G3
- 10 Motor room G3
- 11 Gallery and lounge area G3/ green rooftop 12 Cafeteria and multipurpose space
- 13 Reception/library
- 14 Hard plaza/ auditorium 15 Playground area 16 Paved area

- 17 Sand pit
- G1=ages 5-6; G2= 7-9; G3= 10-12



BLOSSOM as a CATALYST

Just like catalysis accelerates a

It causes the emergence of The juxtaposing, overlapping and superposing of the simple each age group. The number a reading room, a lab, an art

Montessori School of ENGLEWOOD















Gallery G3

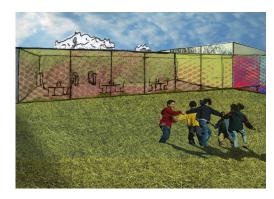


Classroom G2









OTHER PRECEDENTS



Seattle Central Library

Architect: Rem Khoolhaas OMA. Location: Seattle, Washington.

USA

Year: 1999-2004 38,300 m2



Sinatra School of the Arts

Architect: Ennead Architects Location: Queens, NYC. USA

Year: 2009 147,000 sf



The Children's School

Architect: Maryann Thompson Location: Stamford, CT. USA. Year: 2007. 15,000 sf



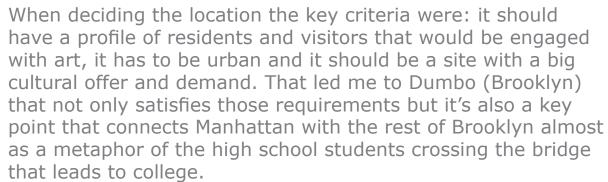
School of Arts at Saint Herblain

Architect: Tétrarc Architects Location: Saint Herblain, France.

Year: 2010 4,457 m2

SITE SELECTION. Criteria.





The site is adjacent to the Old Tobacco Factory that will be considered as connected to the project being outside area but also to house the after hours activities in collaboration with the school.



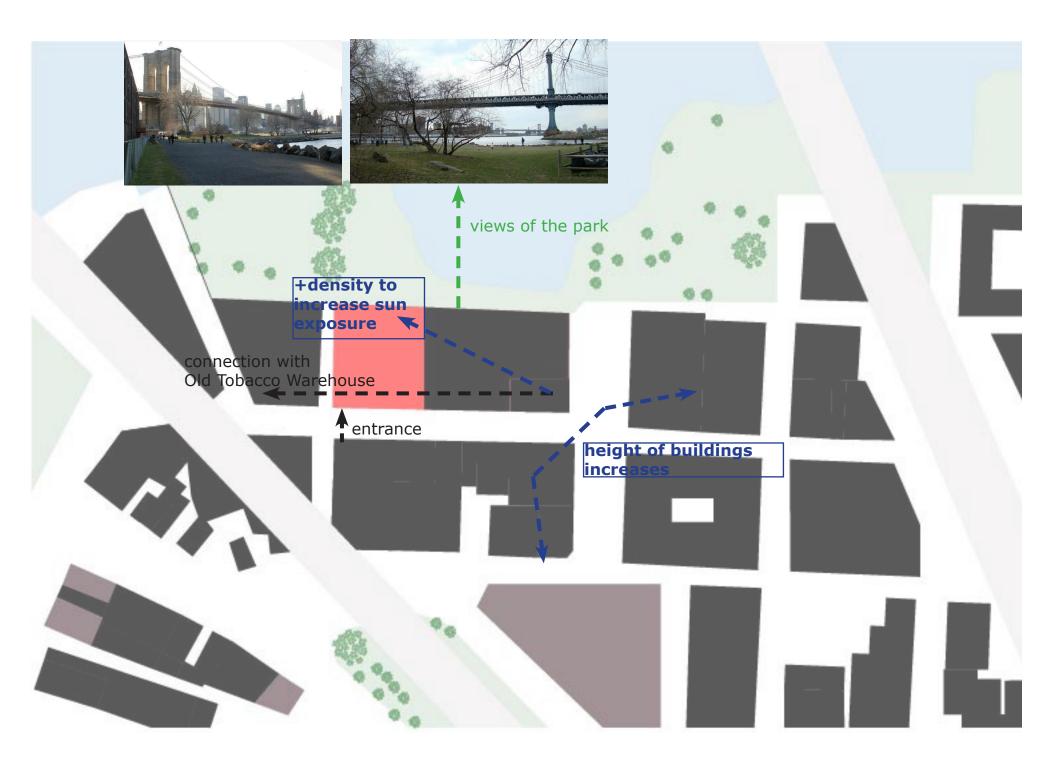
Dock St. and Water St. Dumbo Brooklyn, NYC

SITE ANALYSIS. History SITE ANALYSIS. Views

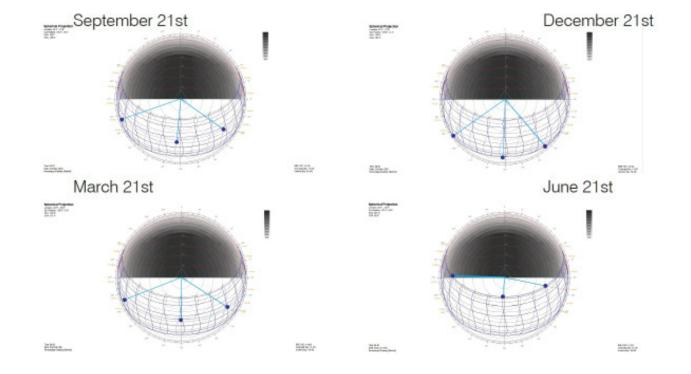


"The Tobacco Warehouse, originally built by the Lorillard family, sits on the upland of Empire-Fulton Ferry Park, just north of the Brooklyn Bridge, and just south of the Empire Stores. Together, these landmark 19th century warehouses are vivid reminders of the shipping activity that once defined the downtown Brooklyn waterfront.

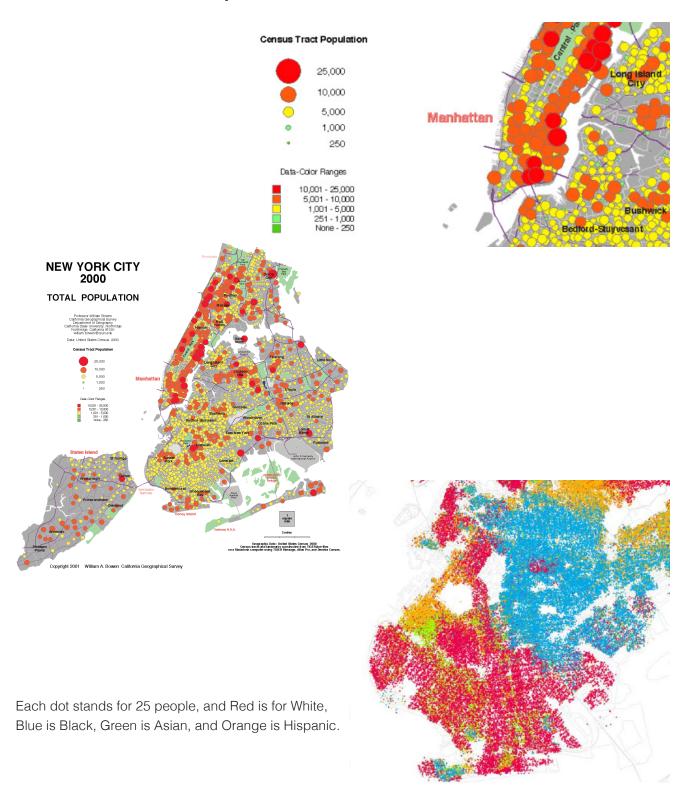
Constructed in the 1870s as a tobacco customs inspection center, and saved from demolition in 1998, the roofless rooms of the Tobacco Warehouse provide one of the most compelling public spaces in Brooklyn Bridge Park. The New York State Office of Parks, Recreation & Historic Preservation repaired and stabilized the Warehouse in 2002."



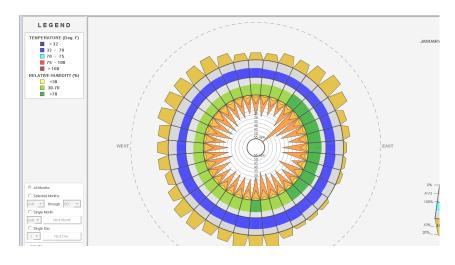
SITE ANALYSIS. Solar

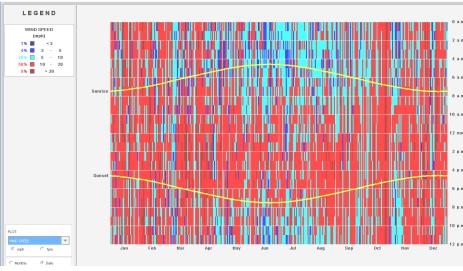


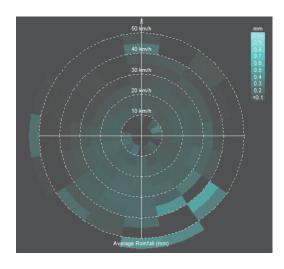
SITE ANALYSIS. Demographics Population 2010. Ethnic divides



SITE ANALYSIS. Climate prevailing winds. precipitation

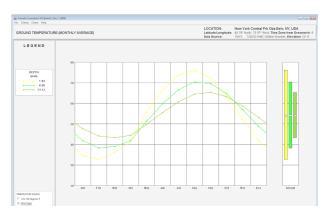


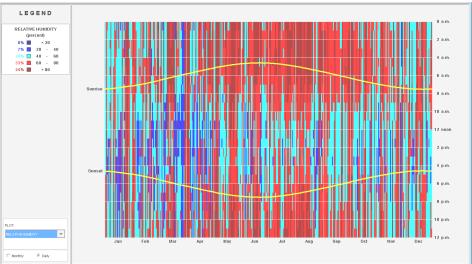


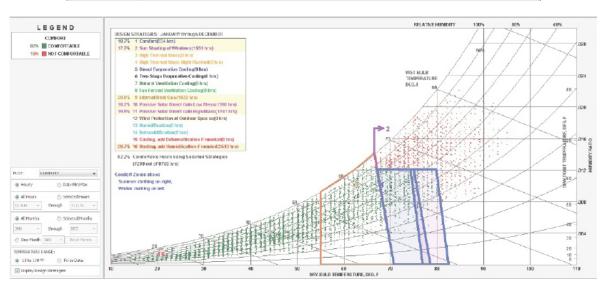


SITE ANALYSIS. Climate

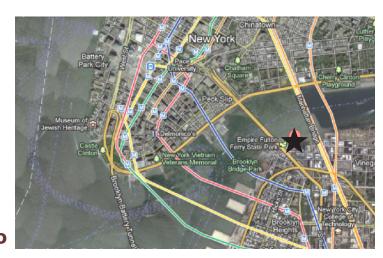
temperature. relative humidity. comfort zone.







SITE ANALYSIS. Access



metro



SITE ANALYSIS. Access Distance from different parts of the city



















To/From Harlem (Amsterdam and 116th)



To/From Queens (Roosevelt Ave and 74th)

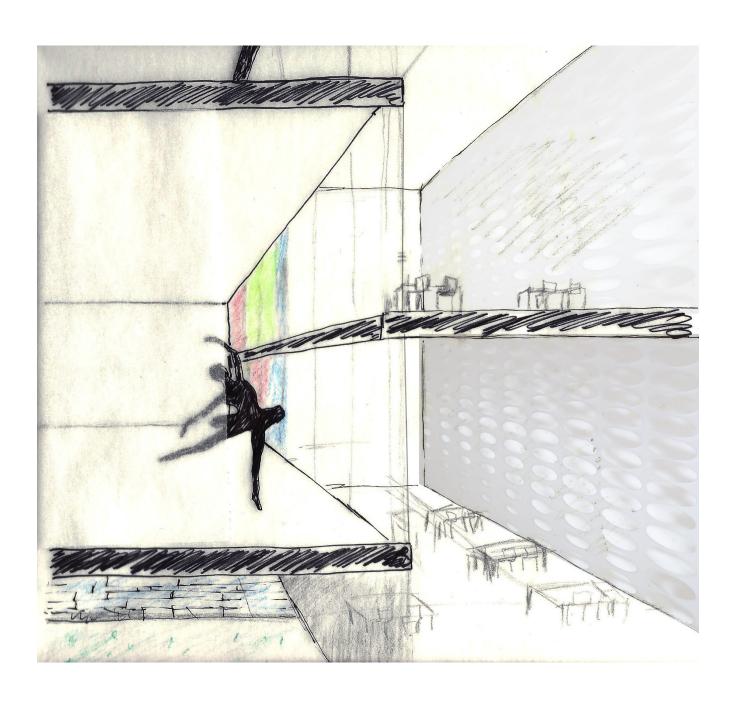


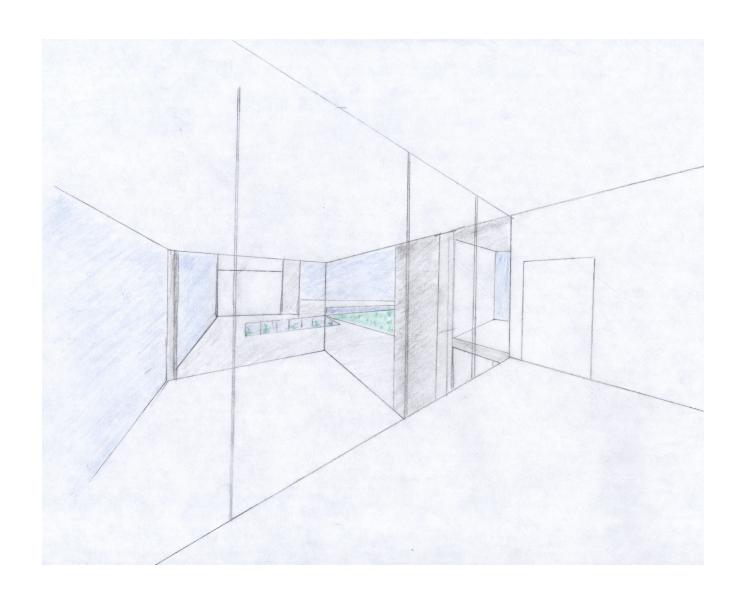
BIBLIOGRAPHY for graphic argument

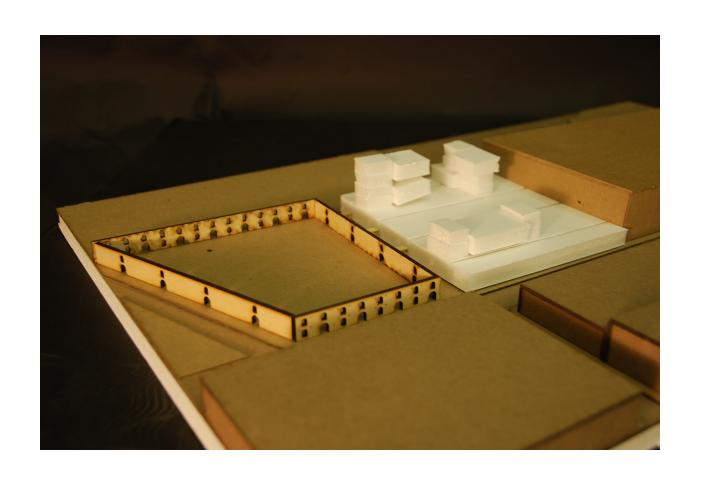
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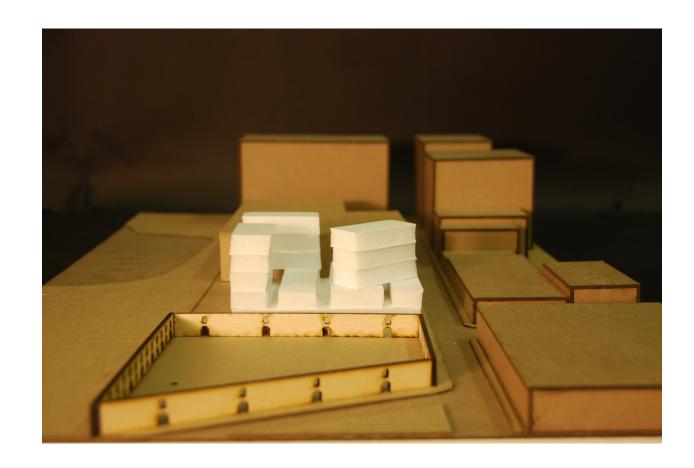






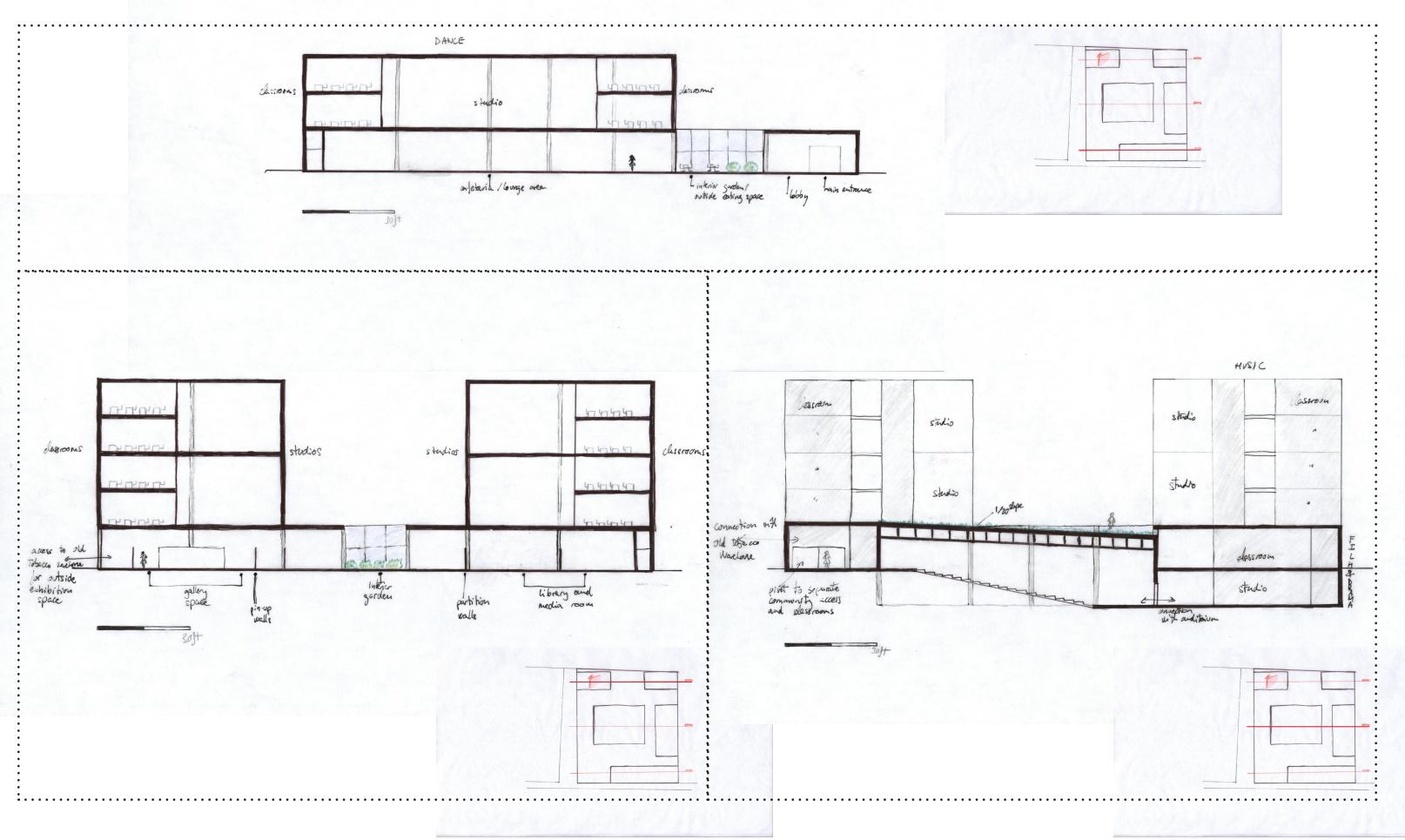


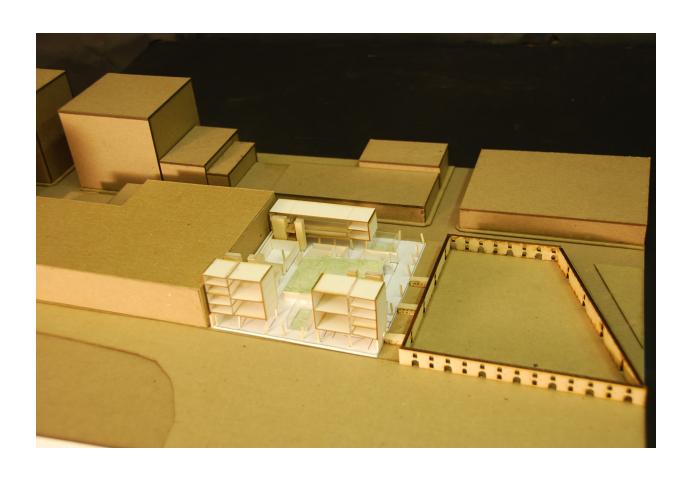






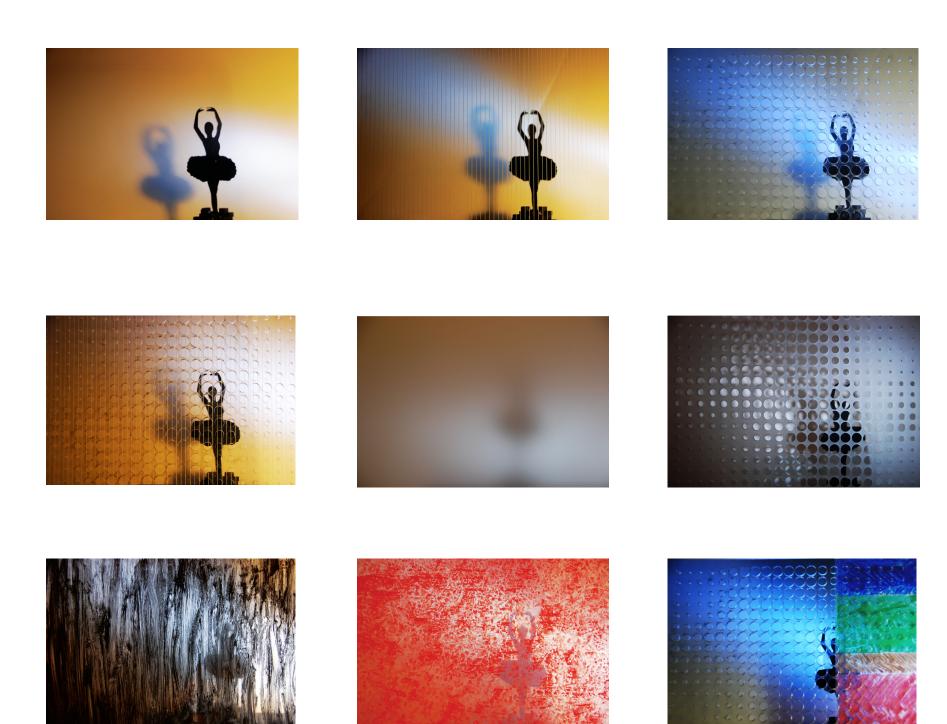
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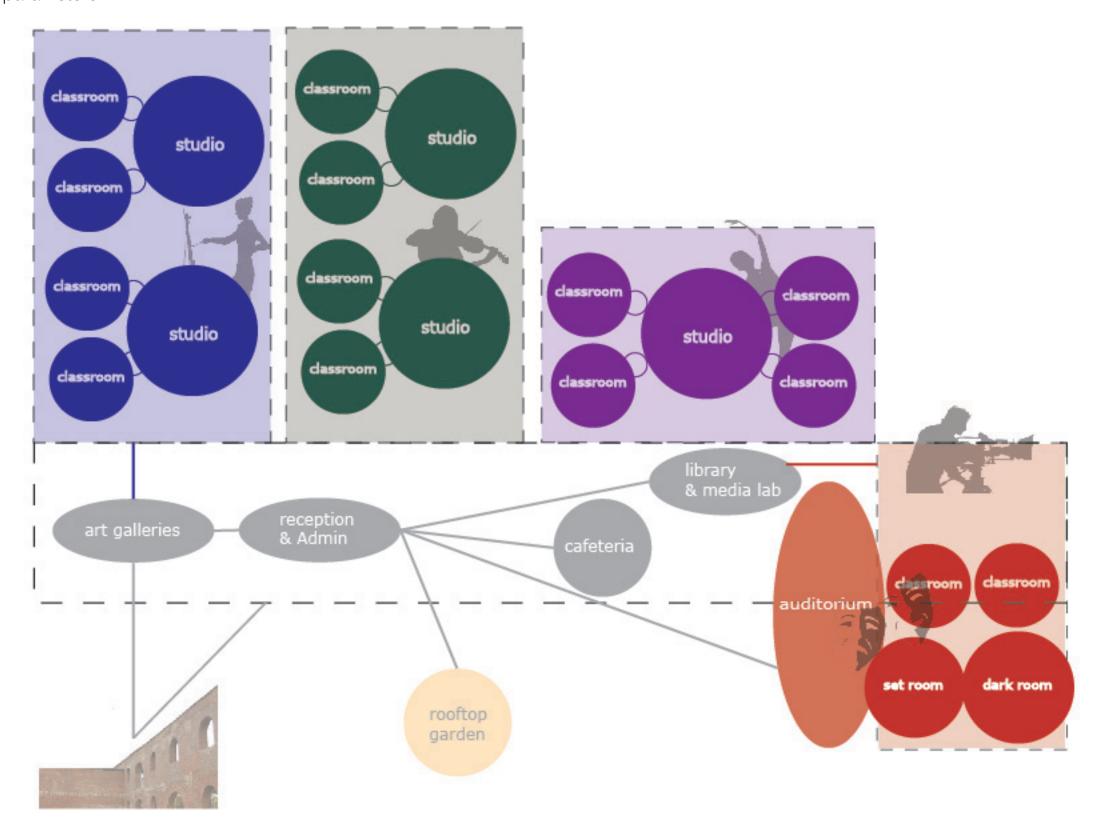


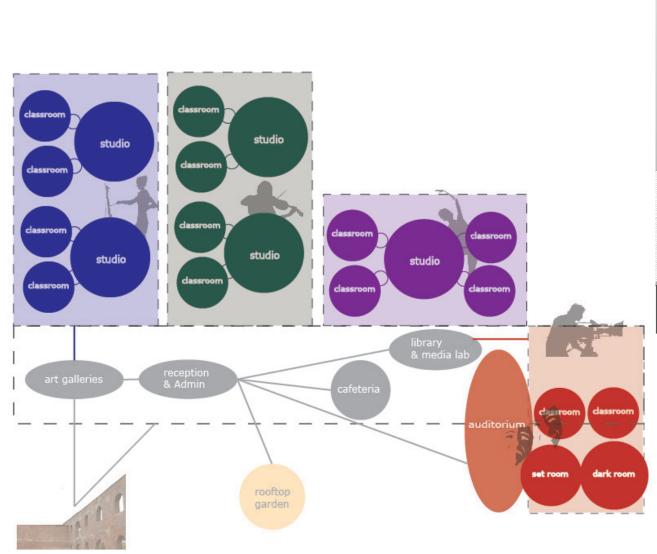


The inspiration for the design concept started with the alteration of a material by applying different techniques such as perforating, edging, sanding, and coloring it in different ways. Then, different the qualities of lights (modifying light, temperature, direction, source and intensity) were captured through a series of photographs to visualize the results.



PROGRAMMATIC RELATIONSHIPS Organizational parameters







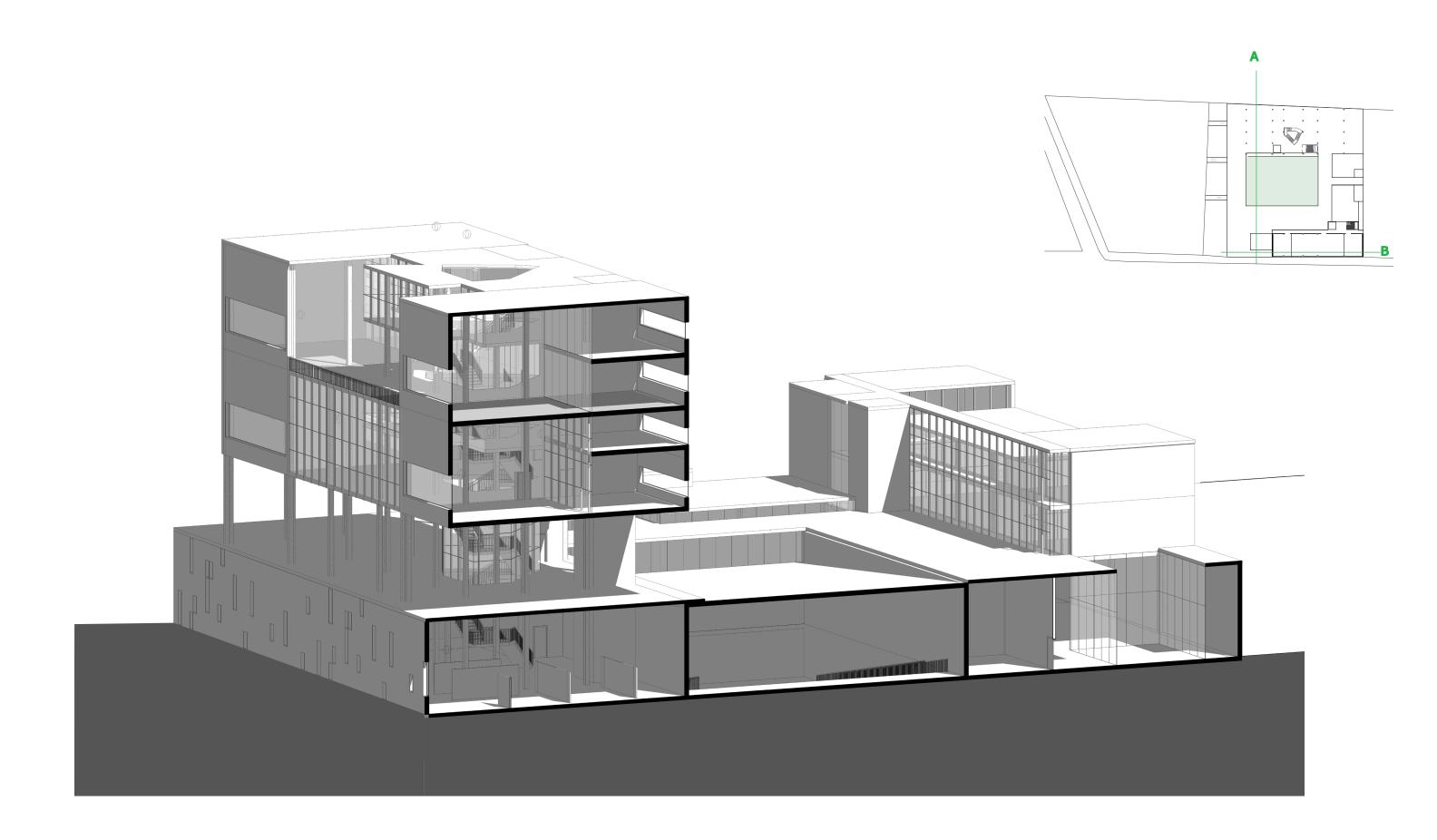


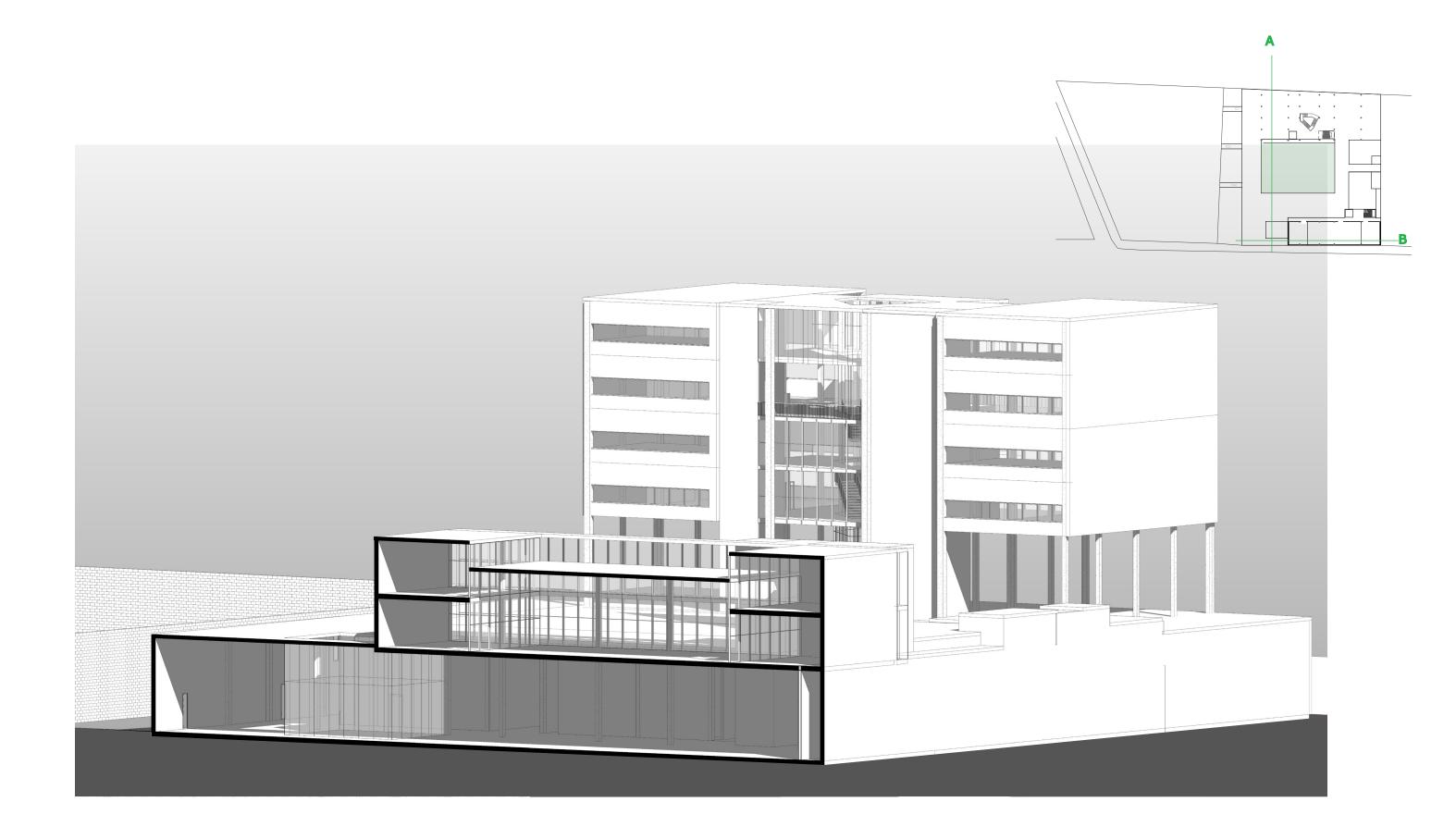


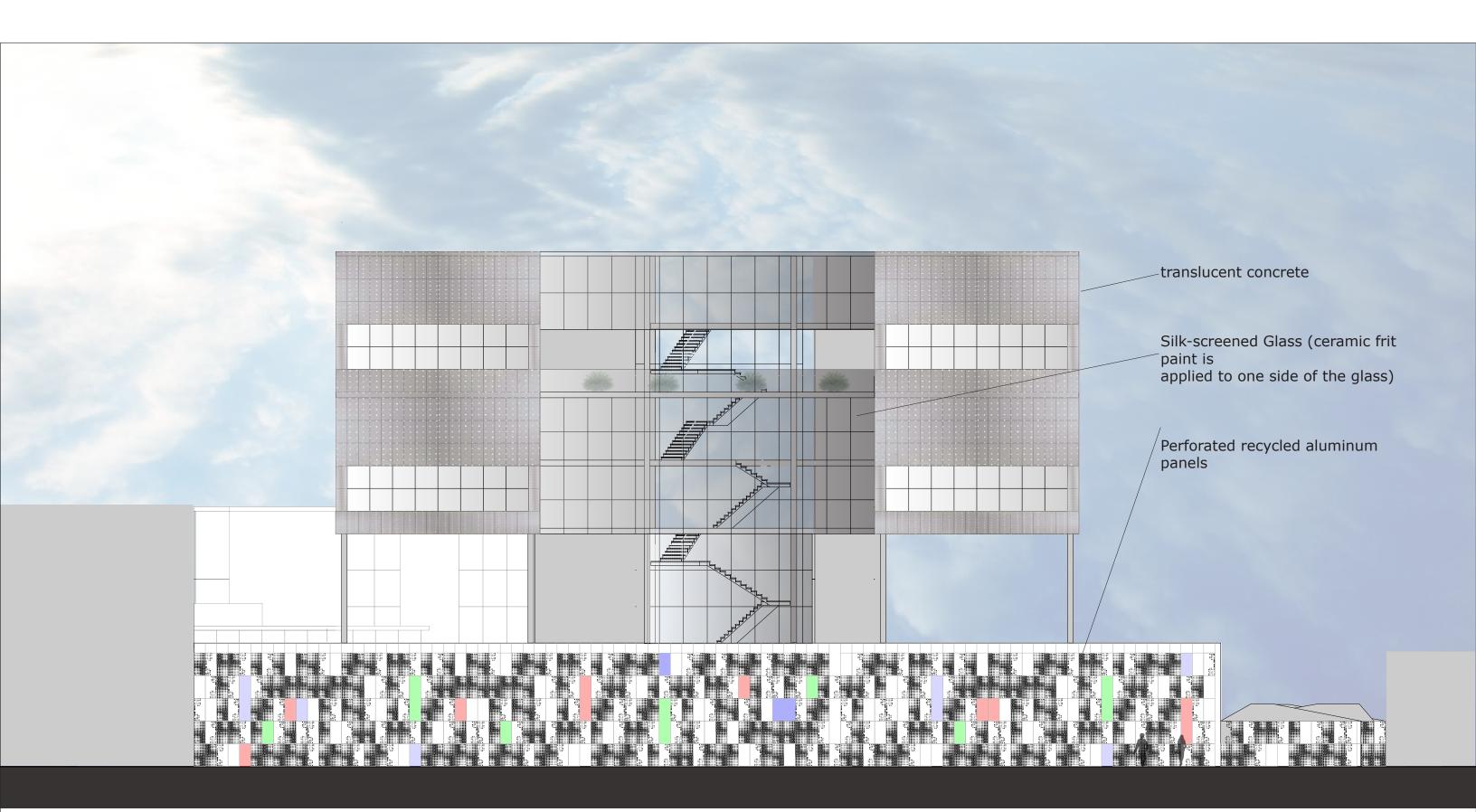






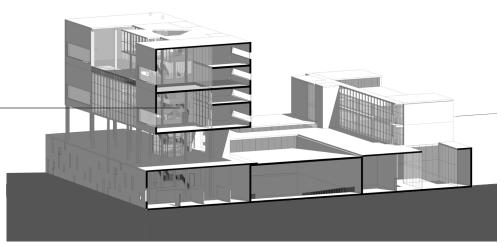


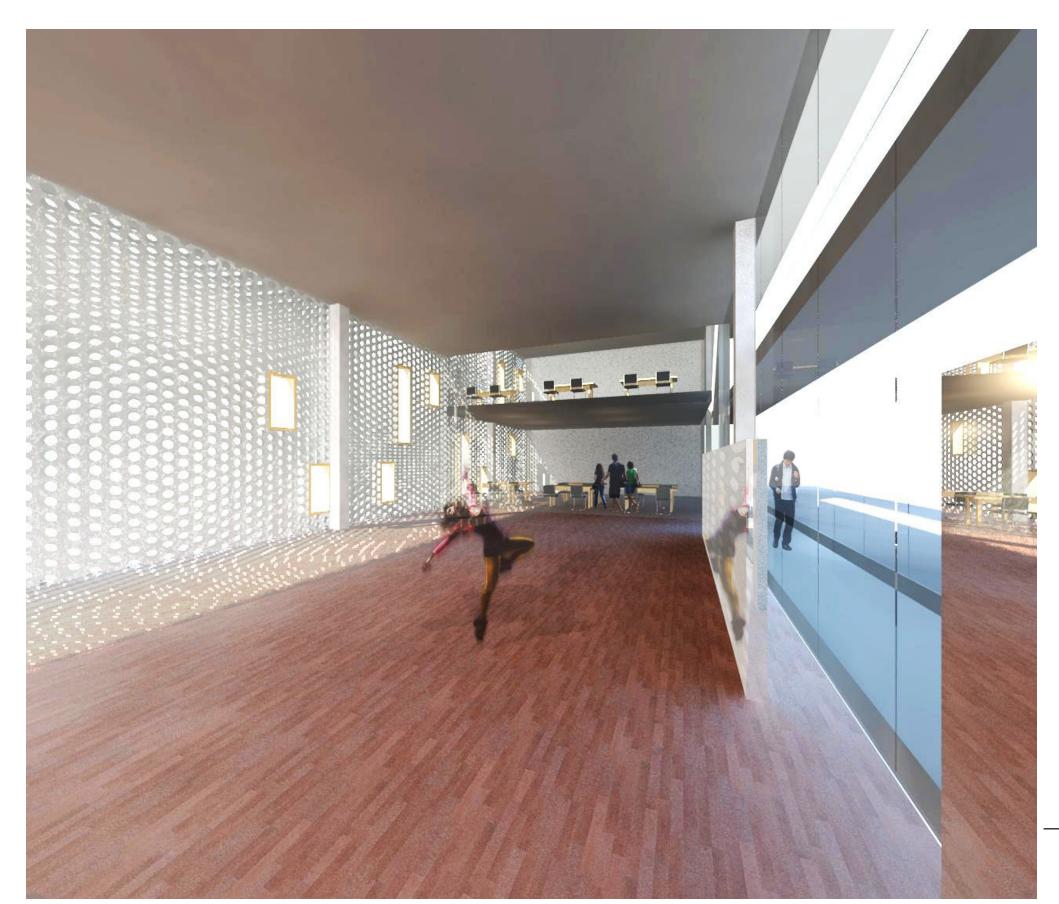


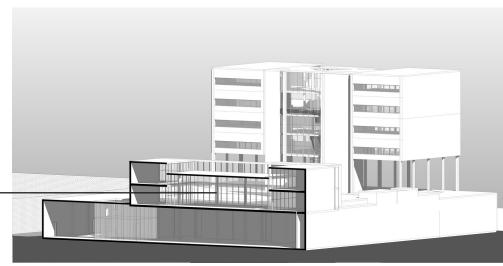


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DANCE STUDIO AND CLASSROOM INTEGRATION. INTERIOR VIEW

