



Université Mohammed VI Polytechnique

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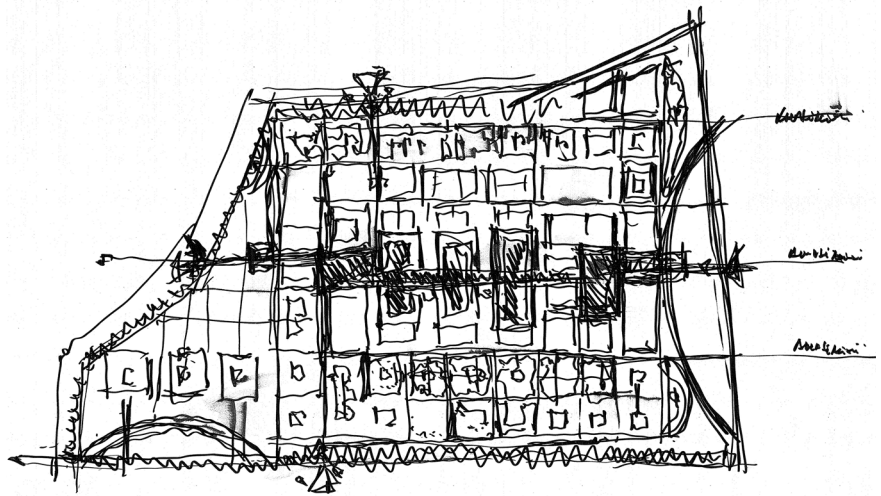
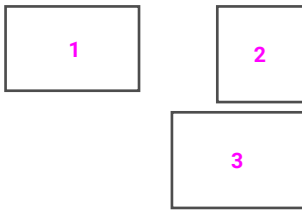
DATE	2010 (design) 2016-2022 (realization)
PLACE/ADDRESS	Benguerir, Morocco
COLLABORATORS	Elie Mouyal
CUSTOMER	OCP Group
SOURCES	RBTA Archive

ESSENTIAL BIBLIOGRAPHY

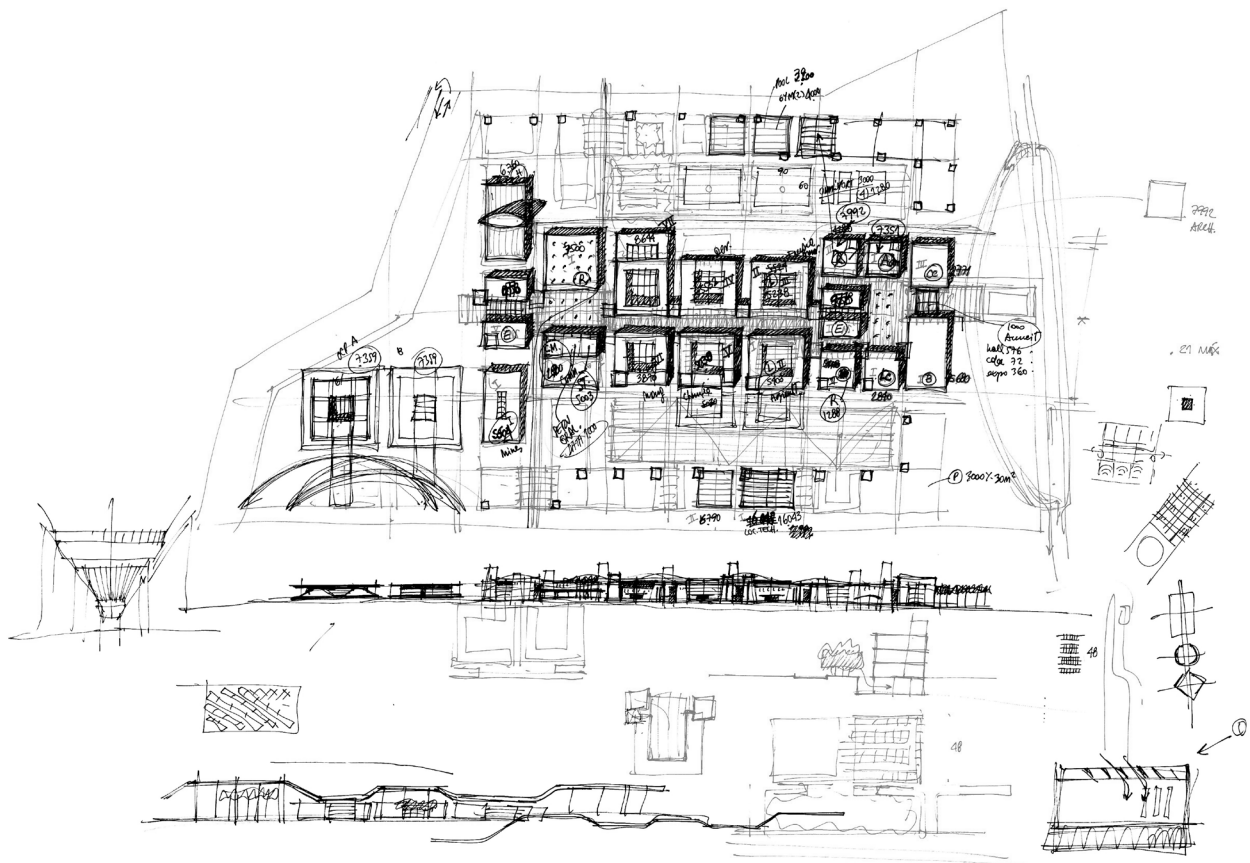
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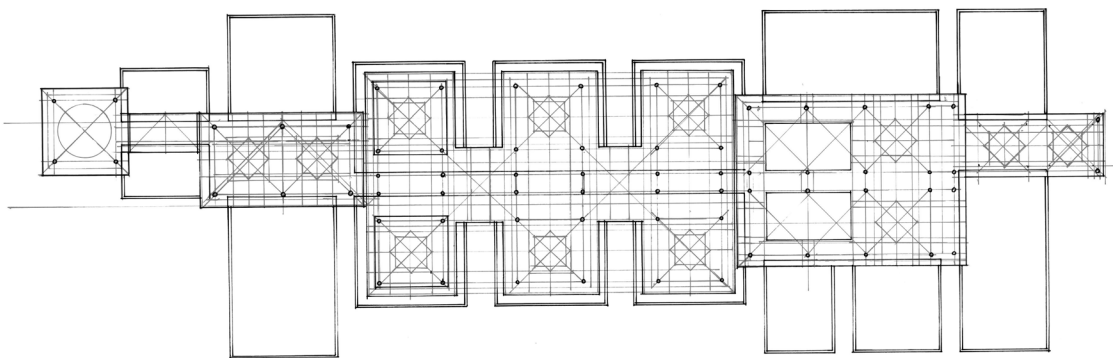
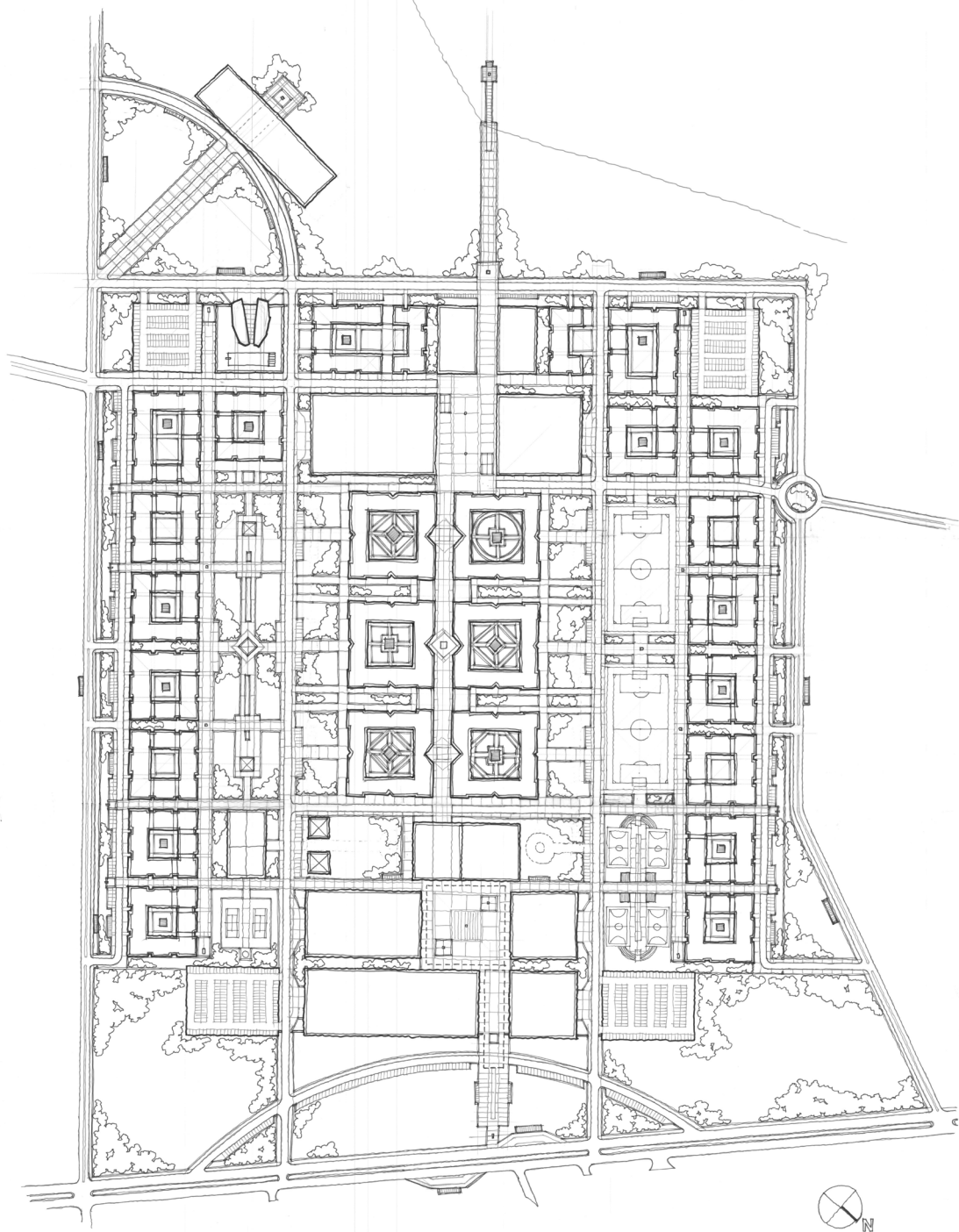


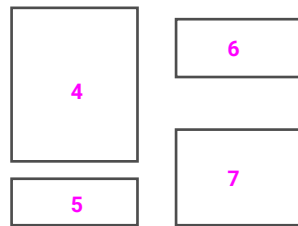
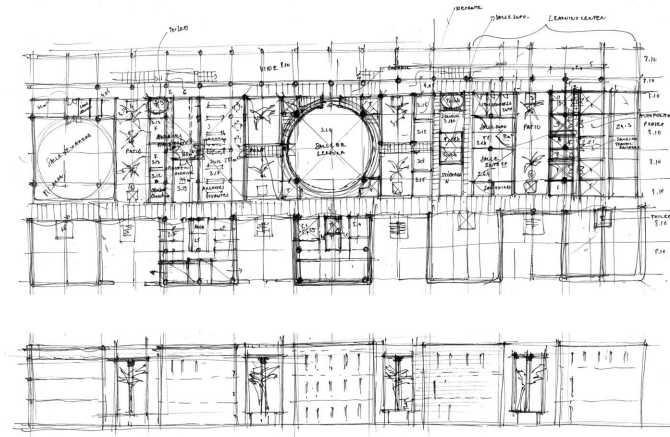
[https://doi.org/ 10.6092/issn.2611-0075/22327](https://doi.org/10.6092/issn.2611-0075/22327) | ISSN 2611-0075
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IMG.1: Université Mohammed VI Polytechnique, site plan;
 IMG.2: Université Mohammed VI Polytechnique, master plan, conceptual study sketch, 2010;
 IMG.3: Université Mohammed VI Polytechnique, master plan and section studies sketches, 2010, BTA Archive.

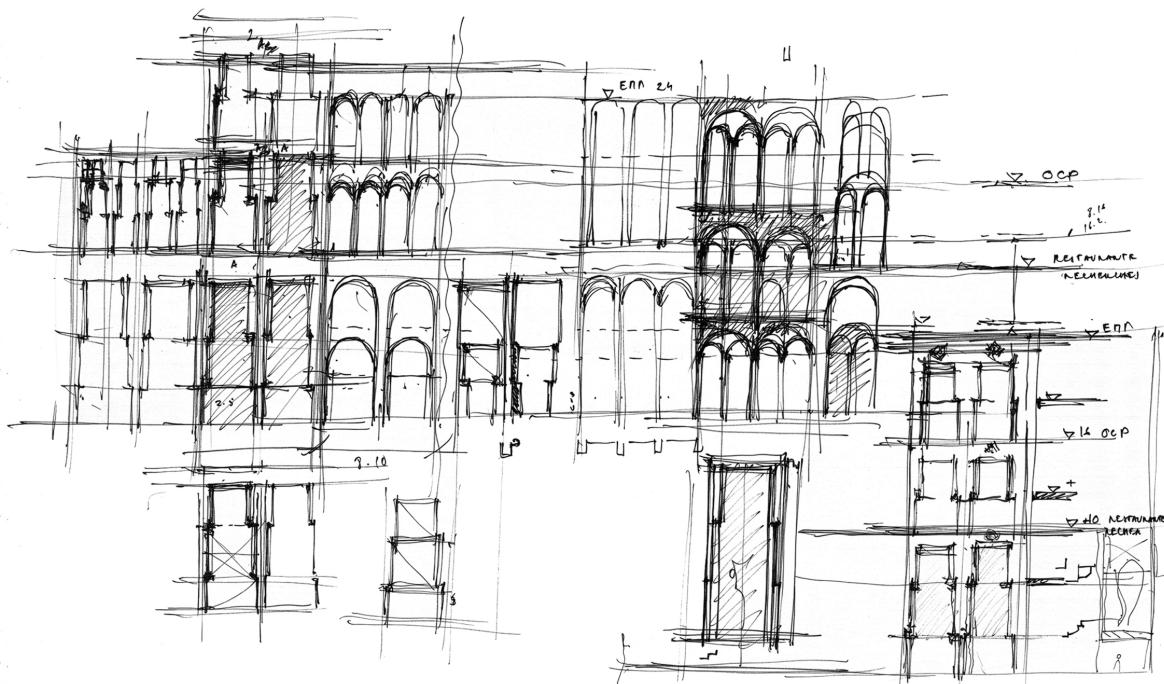




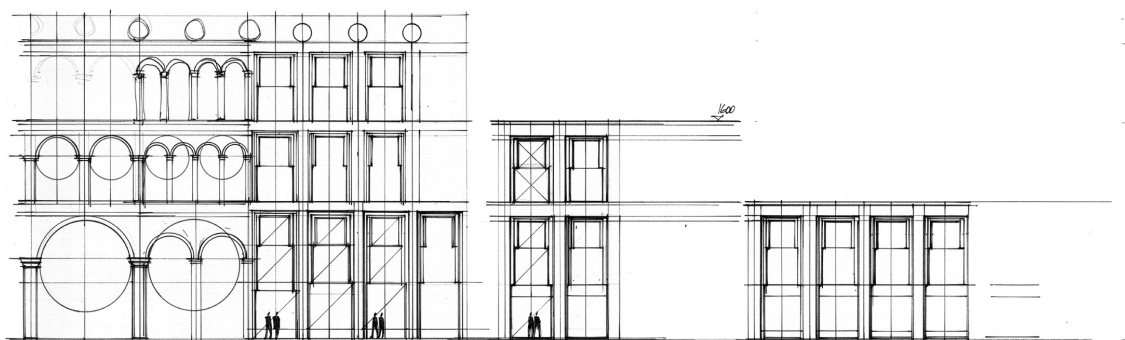


IMG.4: Université Mohammed VI Polytechnique, master plan sketch, 2010; IMG.5: Université Mohammed VI Polytechnique, partial master plan, 2010; IMG.6: Université Mohammed VI Polytechnique, general plan

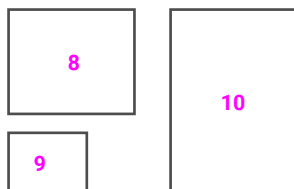
and façade elevation studies, sketches. (Ecole des Mines); IMG.7-8: Université Mohammed VI Polytechnique, Ecole des Mines, façade elevation studies, 2016, BTA Archive.



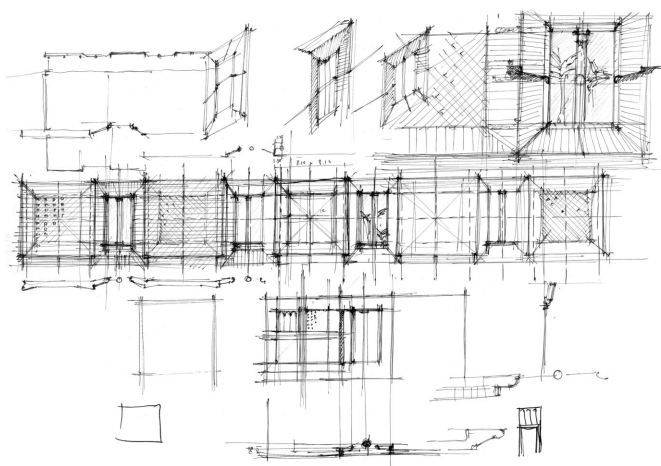
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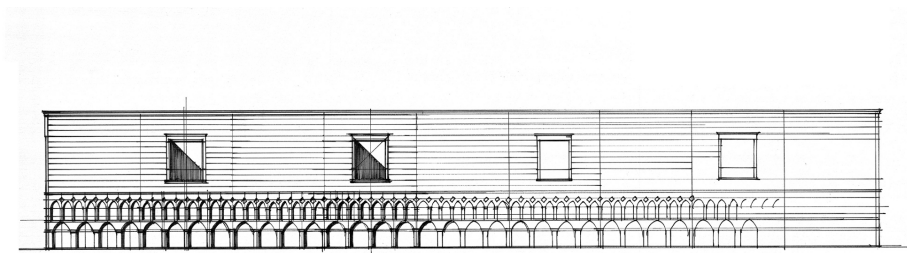


Etudes de Façades

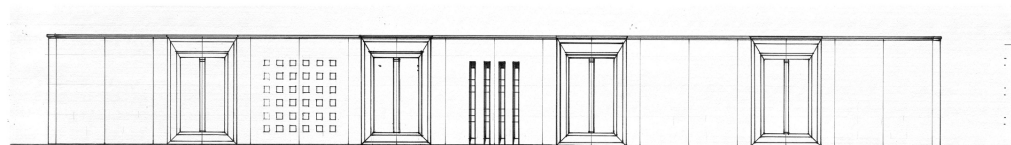


IMG.9: Université Mohammed VI Polytechnique, Ecole des Mines, facade elevation study, sketches; IMG.10: Université Mohammed VI Polytechnique, Ecole des Mines, facade elevations and section, 2016, BTA Archive.

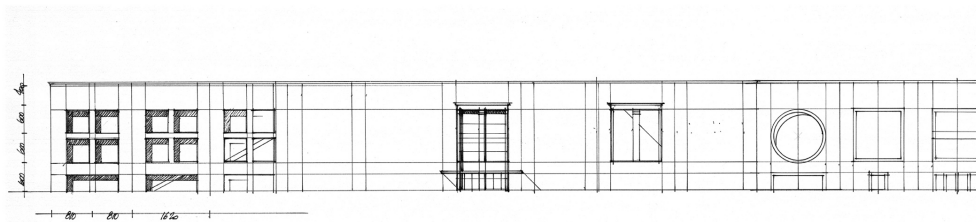




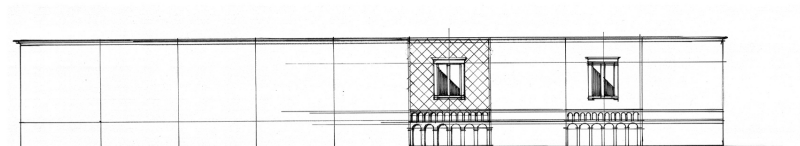
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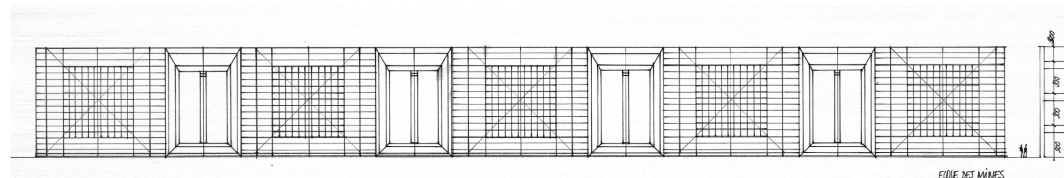
Façade sur l'avenue Mohammed VI



Façade sur la place



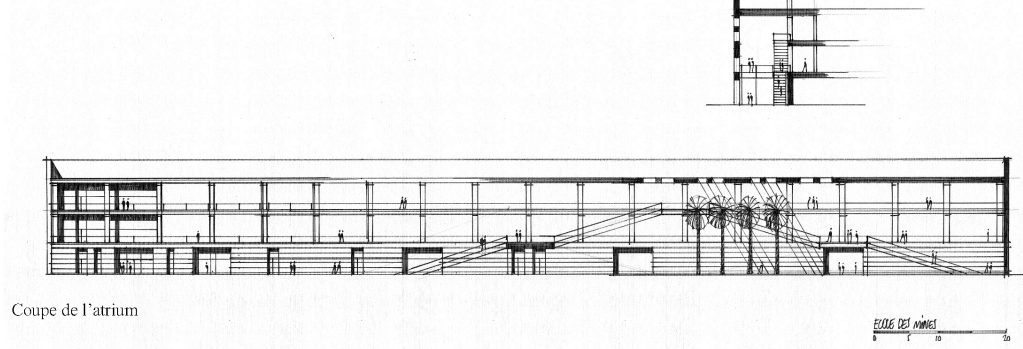
Façade sur l'avenue Mohammed VI



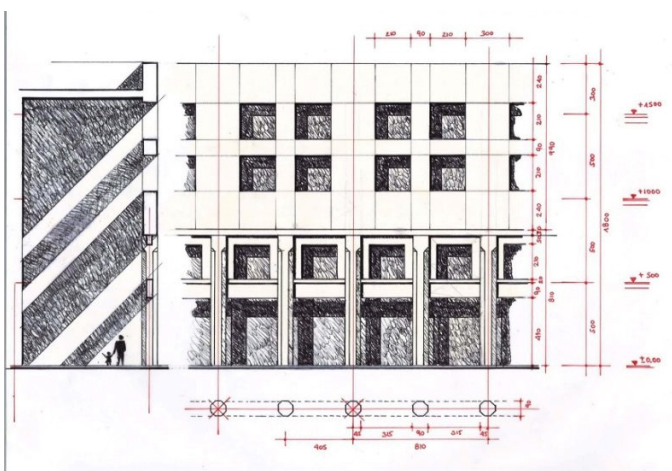
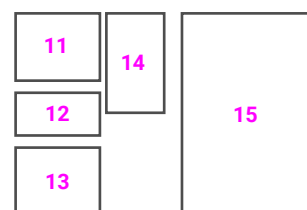
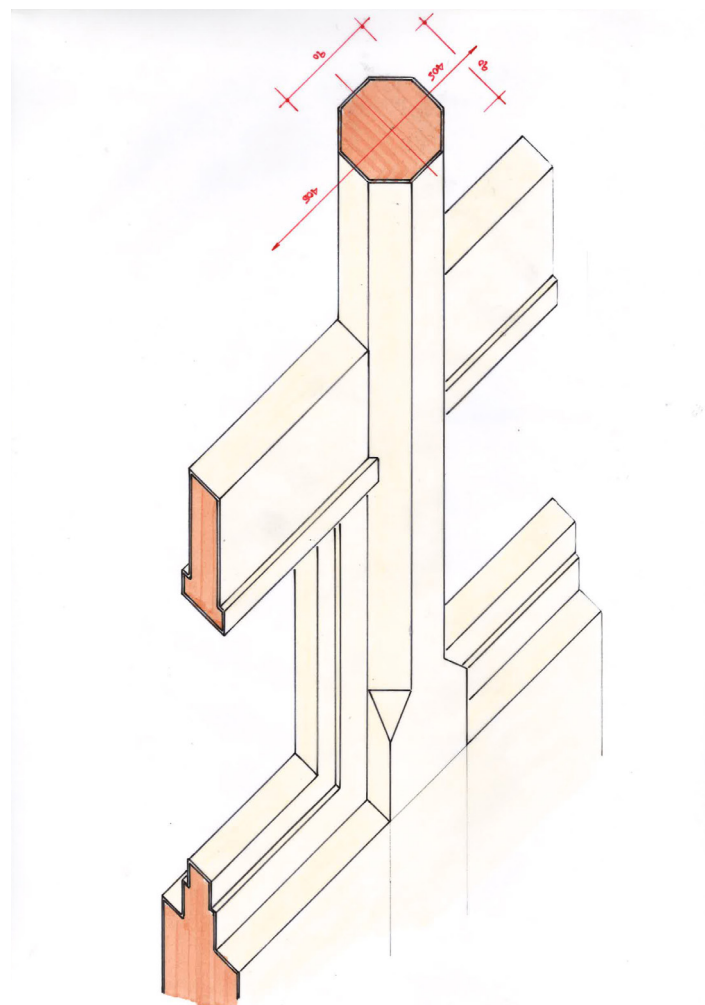
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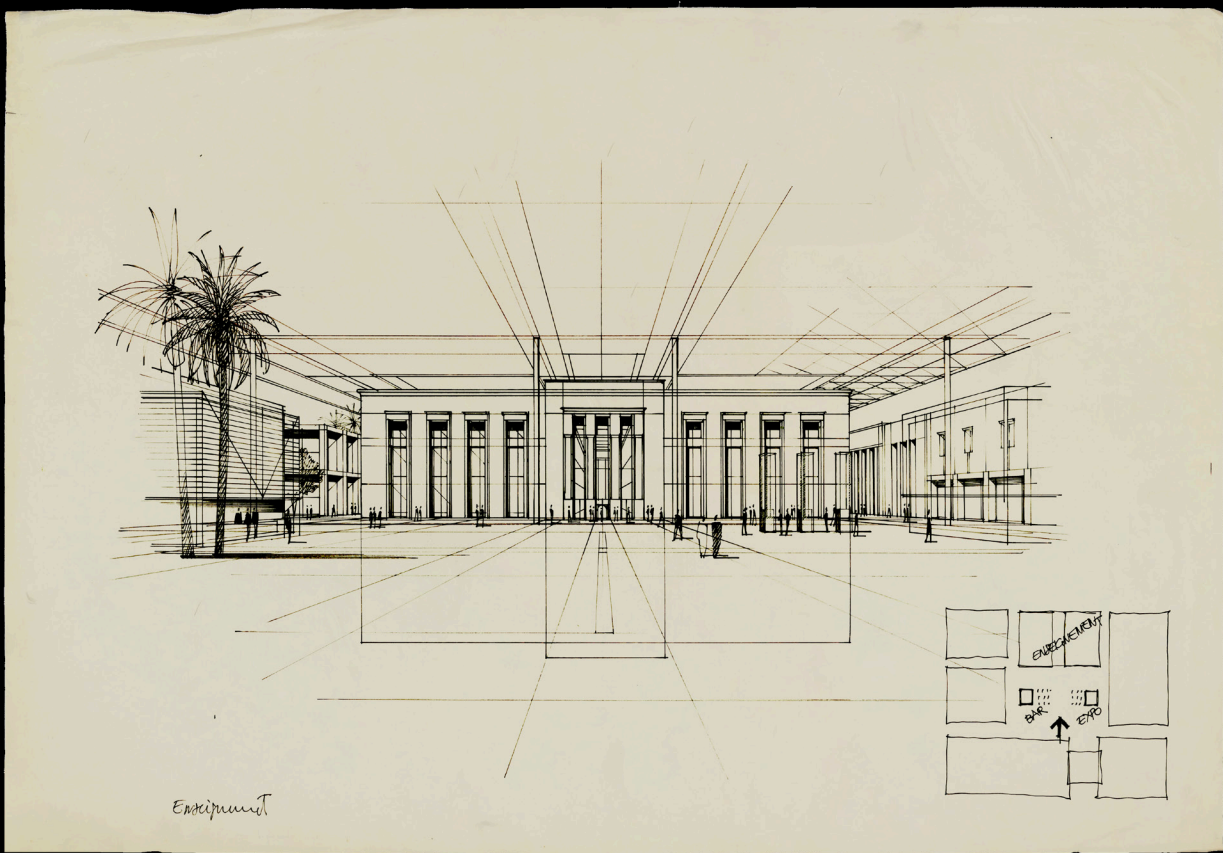
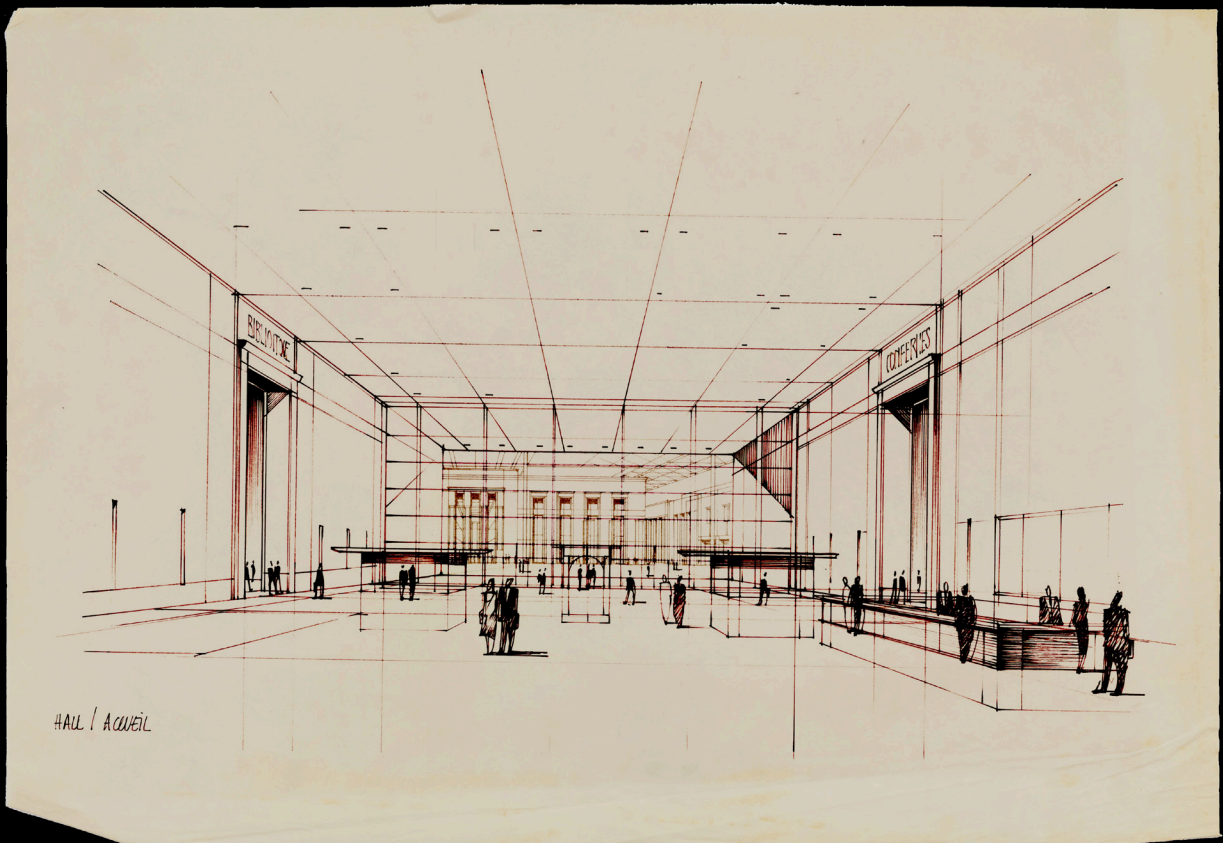
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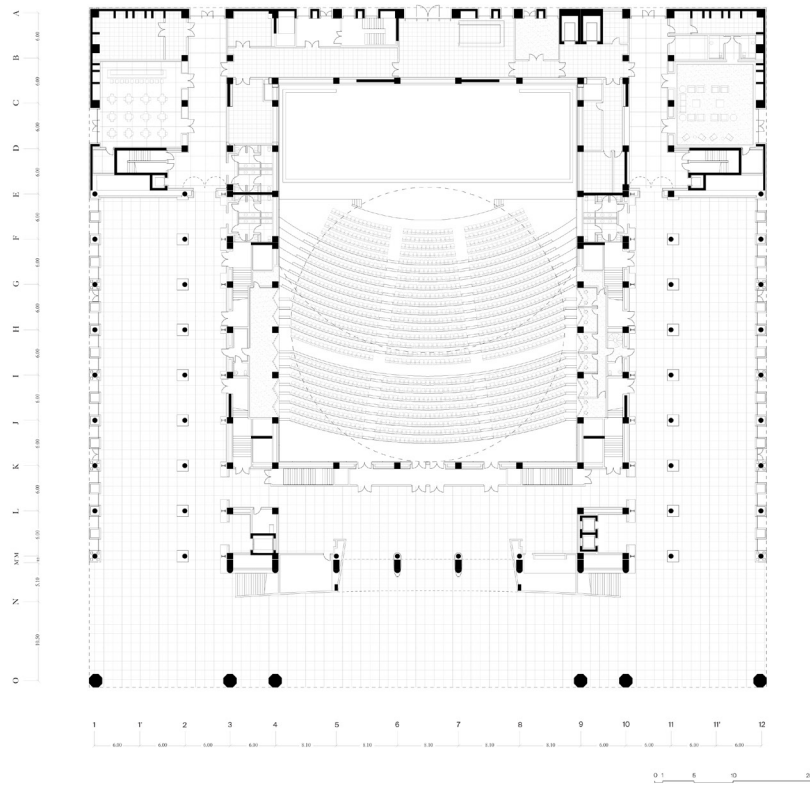


Coupe de l'atrium

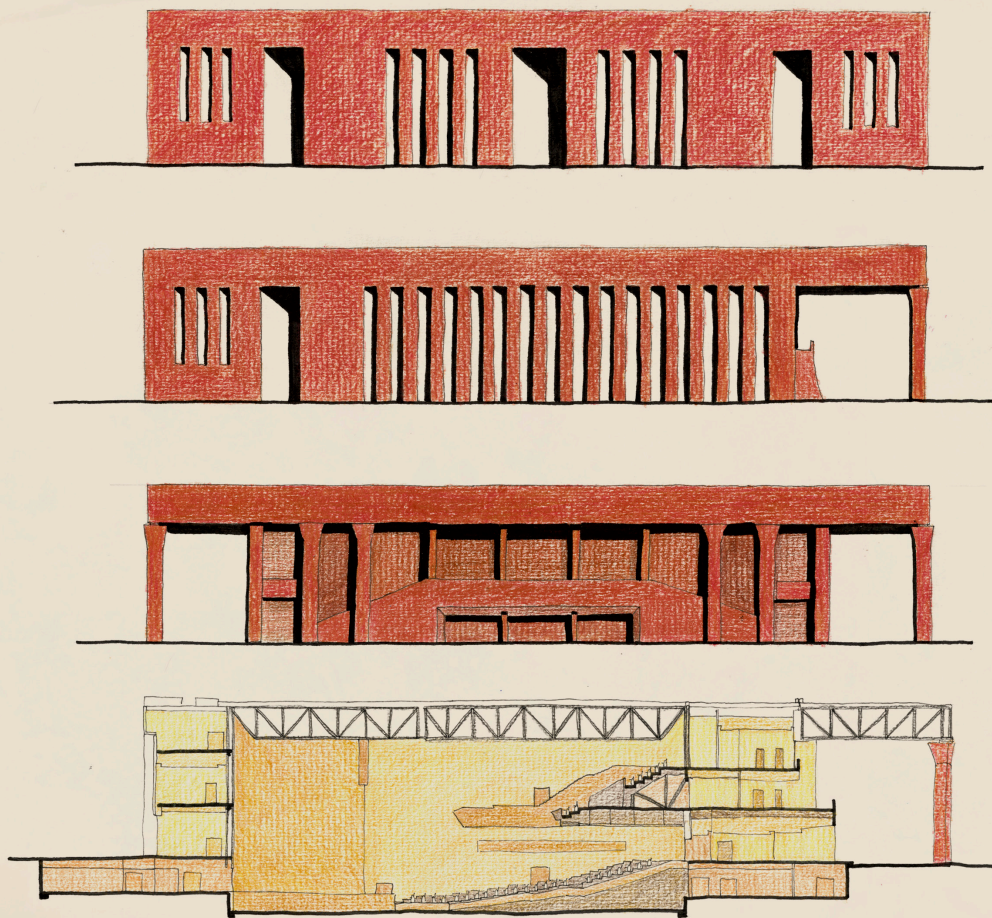


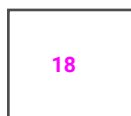
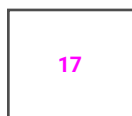
IMG.11: Université Mohammed VI Polytechnique, façade elevation study, coloured pencil on paper; IMG.12: Université Mohammed VI Polytechnique, Ecole des Mines, façade along Av. Mohammed VI, plan, elevation and section study sketches, coloured pencils on paper, 2016; IMG.13-14: Université Mohammed VI Polytechnique, Ecole des Mines, façade along place study, plan, elevation and section and axonometric detail, coloured pencil on paper, 2016; IMG.15: Université Mohammed VI Polytechnique, Ecole des Mines, interior.perspective sketches, 2016, BTA Archive.





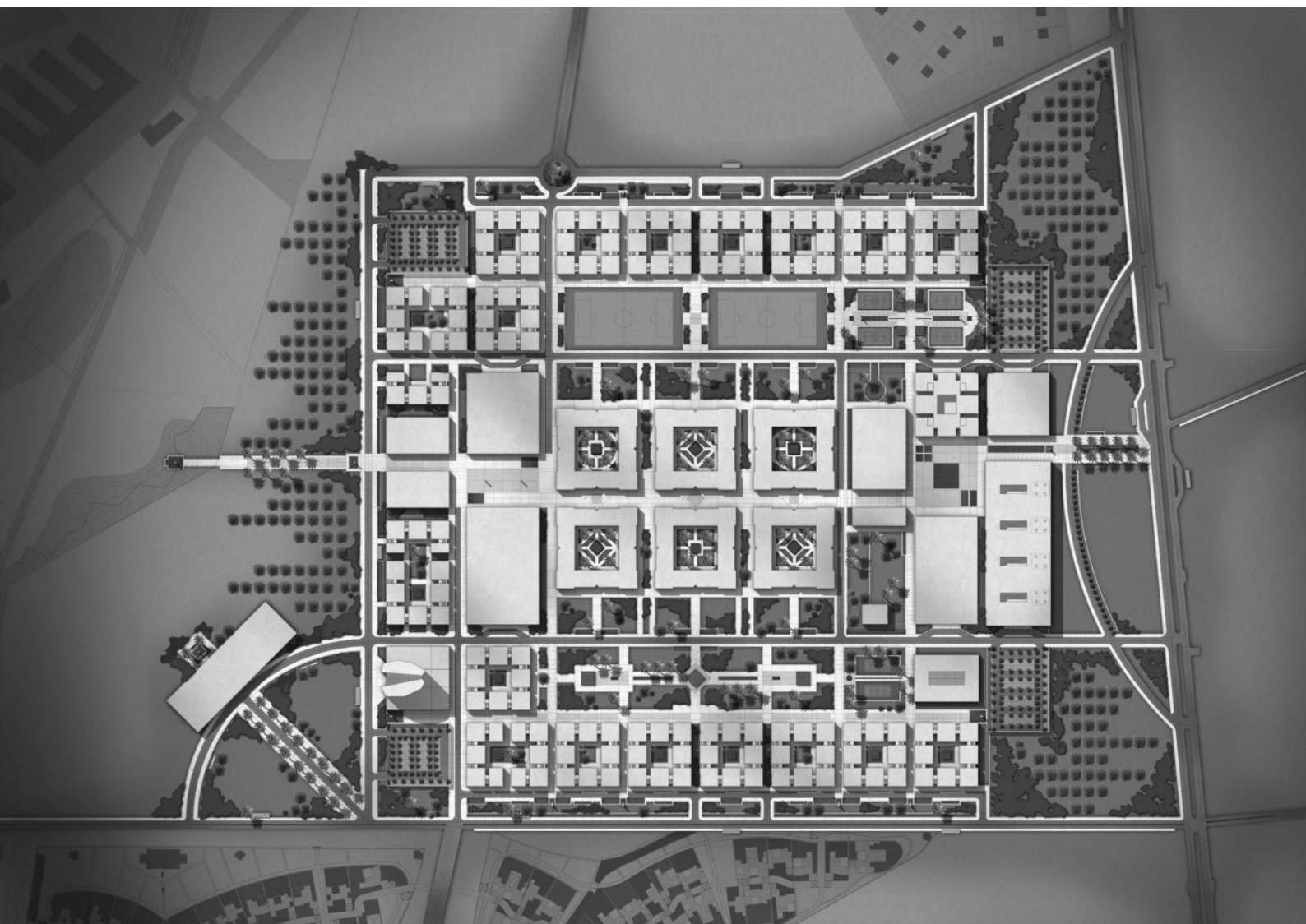
Palais des Congrès, Ben Guerir
Groundfloor

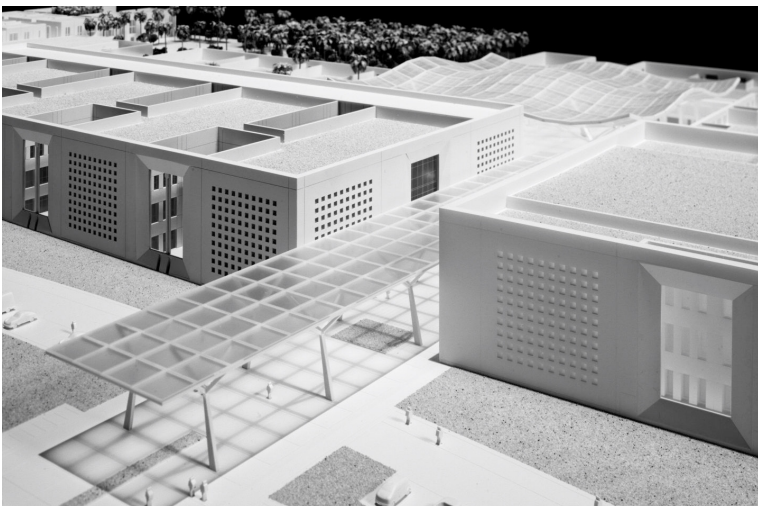




IMG.16: Université Mohammed VI Polytechnique, Palais des Congrès, ground floor plan, 2022; IMG.17: Université Mohammed VI Polytechnique, Palais des Congrès, facade elevations and section, coloured

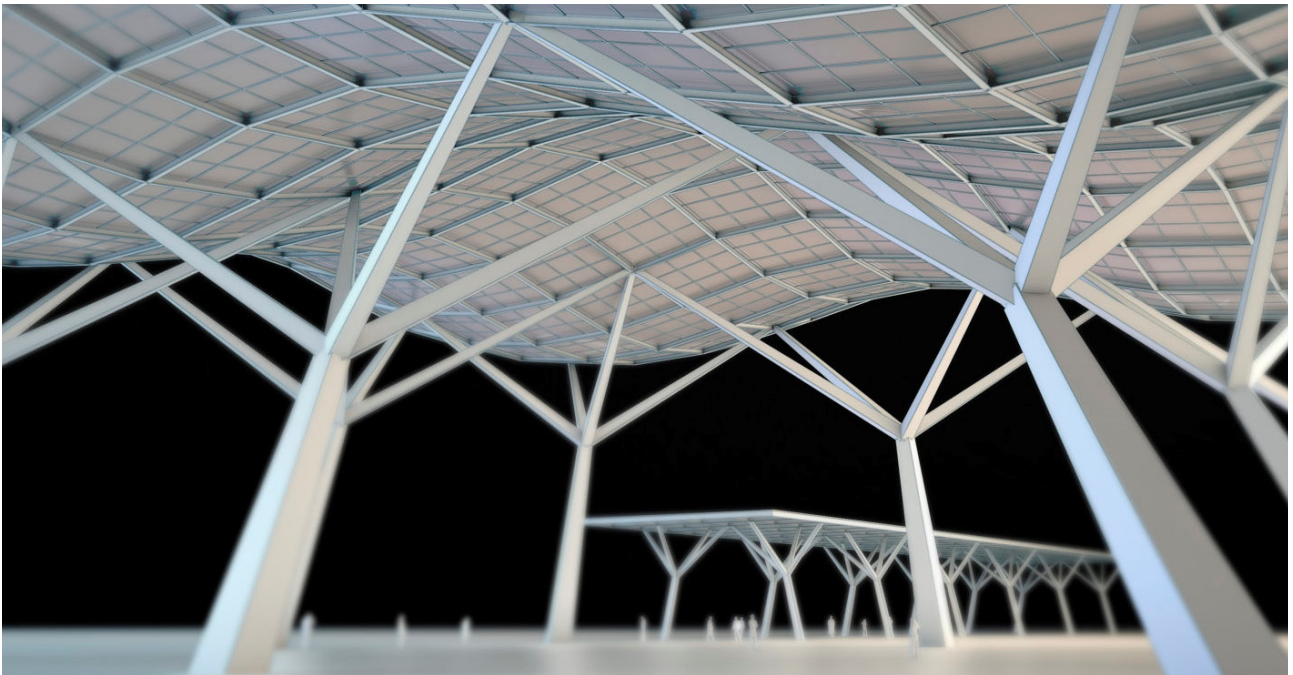
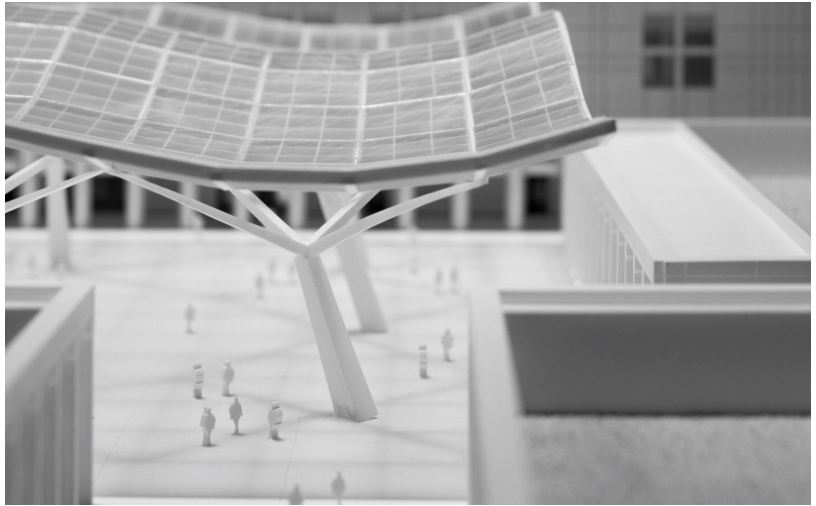
pencils on paper, 2022; IMG.18-19-20-21-22: Université Mohammed VI Polytechnique, pictures of the model, BTA Archive.





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IMG.23-24: Université Mohammed VI Polytechnique, steel and glass pergola, infographic, BTA Archive.



Selected extracts from the RBTA project description

The Benguerir campus of the Université Mohammed VI Polytechnique constitutes a significant part of the king's Green City initiative: an ambitious model for environmentally conscious urban development in Morocco. Aligned with this vision, the university conducts research into key areas of the green sector, such as water systems, agriculture, renewable energy, and biotechnology, while demonstrating the principles of the Green City through its own sustainable design. The brief – an international competition held in 2011 – required a building height limit of 21 metres and a tightly regulated floor area ratio, intended to encourage spatial efficiency without compromising environmental quality. The resulting masterplan is a network of streets and squares, softened by gardens and unified by a central pedestrian axis. A steel-and-glass pergola shades this promenade, which is lined with most of the schools and residential buildings, beyond them, the open green spaces for sports and recreation. The pergola extends to cover large squares at either end of the axis where primarily administrative functions are housed, supporting the daily operations of the university. At one end of the axis, the pergola projects beyond the site boundary to announce the entrance to the campus. Flanking this entrance are the Ecole des Mines and the Centre de Congrès, both of which present a solid façade to the main road. At the opposite end, a 500-metre wall, without support columns, gives the impression of floating – in fact achieved with a massive truss. Beyond this structure, the campus spreads out into a park-like landscape, with buildings such as the Palais de Congrès appearing as stand-alone pavilions. Ecole des Mines. Positioned beside the main campus entrance and facing the road, the Ecole des Mines forms the first architectural impression of the Université Mohammed VI Polytechnique in Benguerir. The building covers 15,000 square metres over three levels and accommodates a variety of academic functions, including classrooms, an amphitheatre, and office spaces for administrative staff and faculty. The plan is structured around a grid of square modules, some of which open up into internal courtyards. These patios serve as intermediaries, bridging the controlled comfort of the interior spaces and the tropical environment outside, offering a brief respite from academic study, with fresh air beneath the shade. Where the courtyards meet the building's exterior, they give way to tall, portallike windows – expressions of the spatial logic in elevation. In contrast to the open, glazed frontage of the adjacent Conference Centre, the building presents a relatively closed, solid elevation to the road – an introversion appropriate to its academic function. Within these solid wall portions, the fenestration is free to incorporate the local vernacular, with details such as circular openings, chamfered doorways, and windows distributed over a fine grid. Access to the building is off a large public square and through a central atrium, which functions as the main circulation route to the various programmed modules. The bulk of the structure is executed in concrete and finished in a warm orange render, an attempt to ground the building in its environment and connect with the broader architectural language of the campus. Palais des Congrès. The period spent waiting before a performance or presentation often rivals the experience of the event itself. Positioned at the far end of the Université Mohammed VI Polytechnique campus in Benguerir, the Palais des Congrès – a

2000-seat public venue – heightens this feeling of anticipation by bringing it out into the open air. A wide porch supported by octagonal columns shelters the exterior lobby – a kind of indoor-outdoor space paved with stones that extend onto the campus and continue around the lake opposite. It first gathers visitors together, then guides them directly into the central auditorium or along circulation routes towards the building's ancillary spaces. On the other three sides, a sequence of tall, narrow windows and porticos articulate the facade, like a peripteral colonnade surrounding a temple. Inside, the main auditorium is lined with wood, chosen for its acoustic performance and for an atmospheric warmth that compliments the earthy tones of the building's rendered exterior.