

Design Concept no. 3

Connectivity . Community . Creativity

To support the strategic development under HKBU Strategic Plan 2018-2028, the existing Ho Sin Hang Campus to be redeveloped on-site and the proposed new academic complex comprised a 10-storey superstructure including 2-level of basement in HSHC.

The considerations of the proposed architectural design include the followings:

- To meet the University growth to optimize the development potential;
- To meet current statutory and spatial requirement for operational needs;
- Minimized stress to the surrounding environment during construction.

An open courtyard and link bridge has been proposed connecting the old and new phases, Waterloo Road and Broadcast Drive to promote community engagement and symbolizing liberal academic environment in University.

For the planning of interior space, the lower floor are designed for academic office and classroom while upper floors are for laboratory use due to the consideration of building service provision. And breakout space with double storey common area are created in alternative floor facing Waterloo Road and open courtyard. It is leisure and relaxing space to connect people among the community.

Holistic design solution has been developed with integration of functional requirements and site factor in order to create a contemporary image for the University under Lion Rock.

PROPOSED ACADEMIC COMPLEX ON HO SIN HANG CAMPUS (HSHC) OF HONG KONG BAPTIST UNIVERSITY

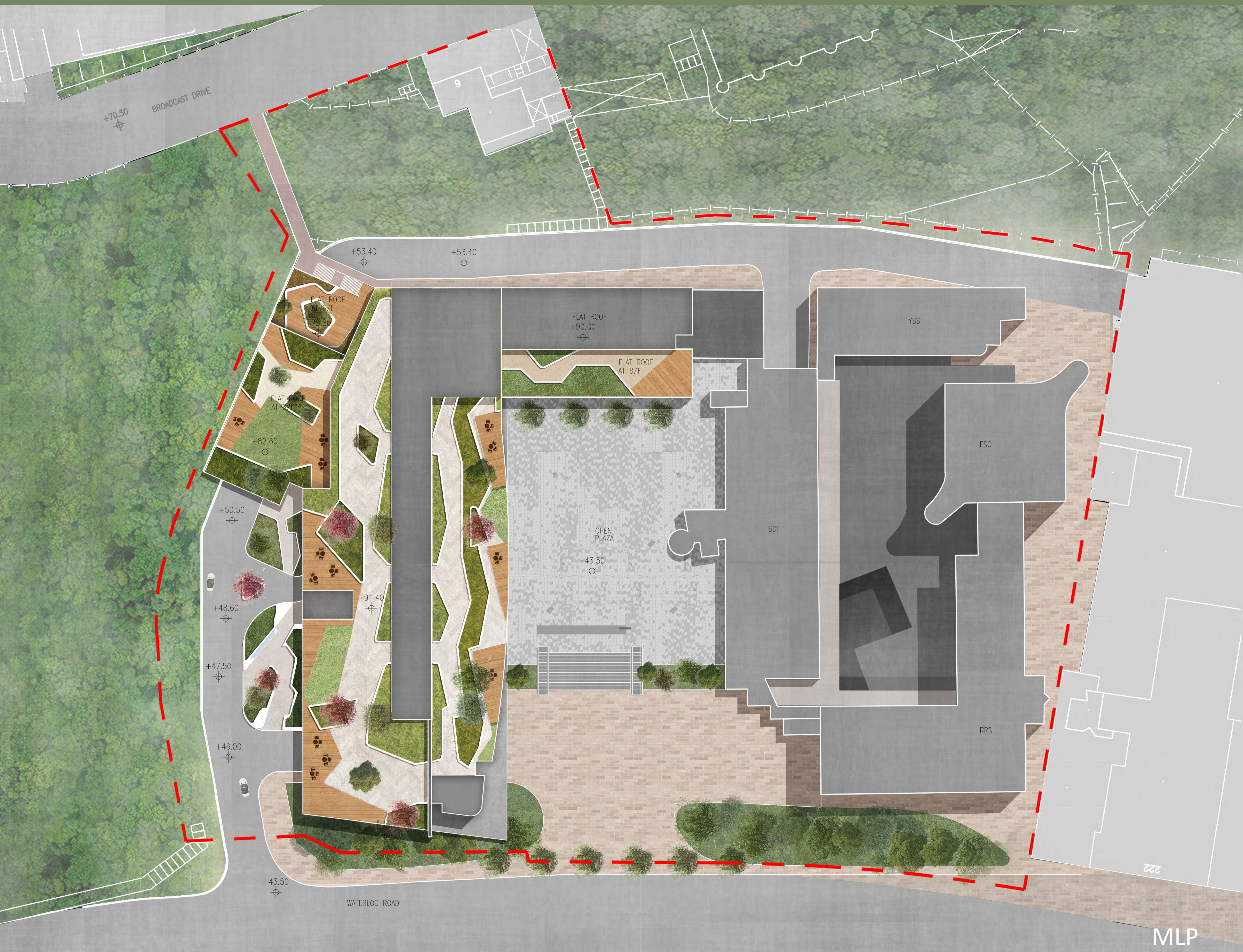


Reference of Academic Complex



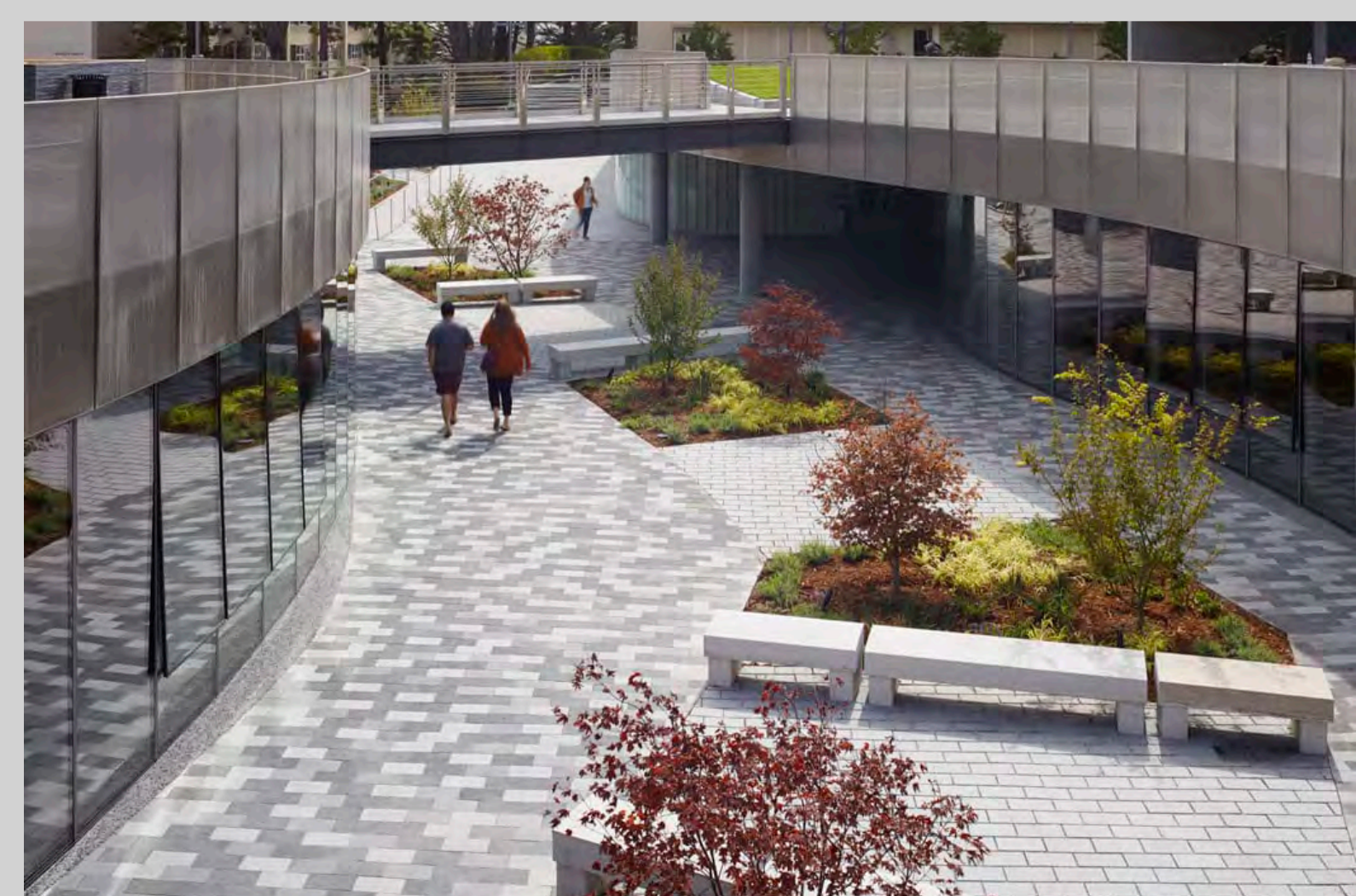
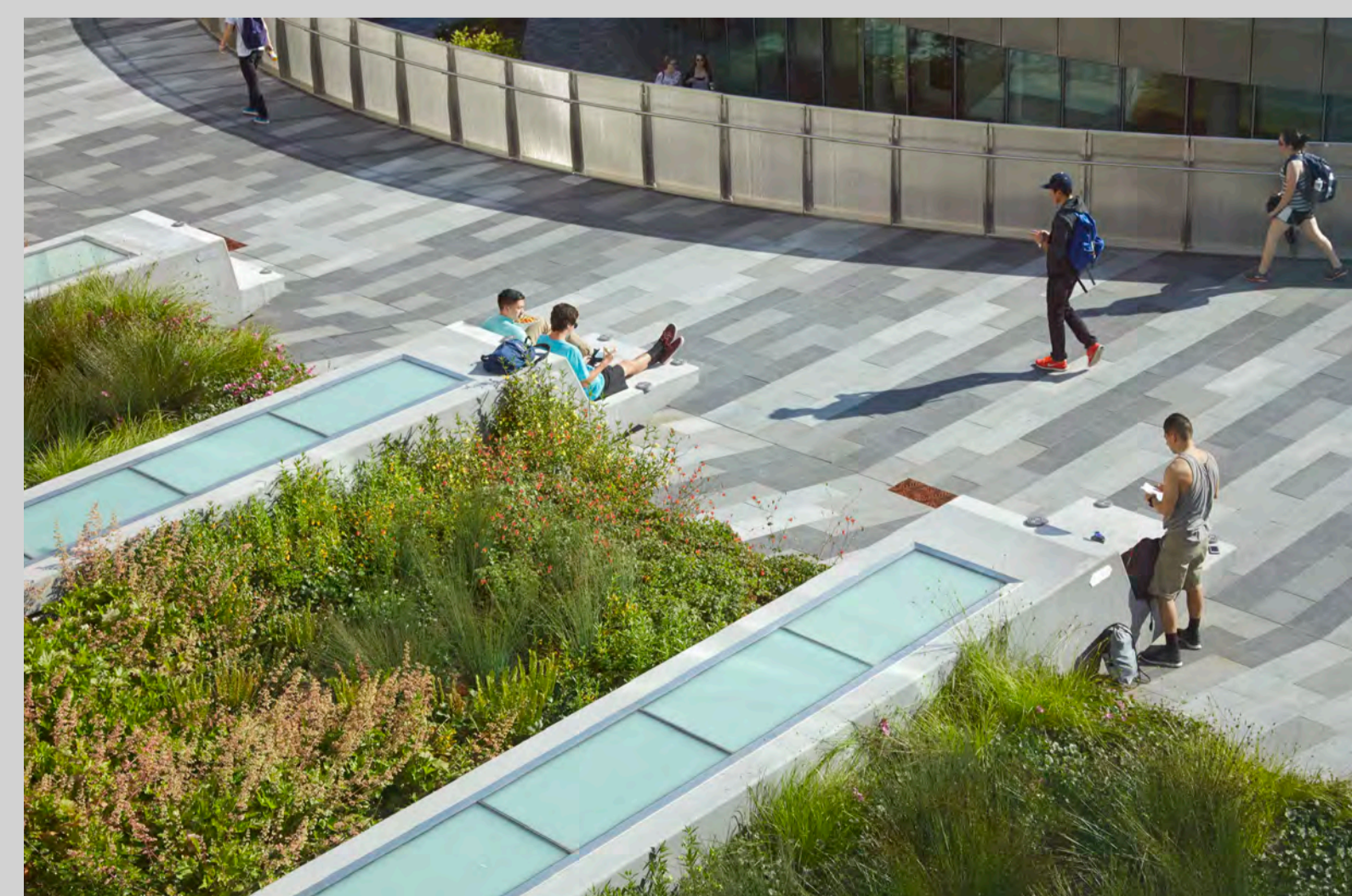
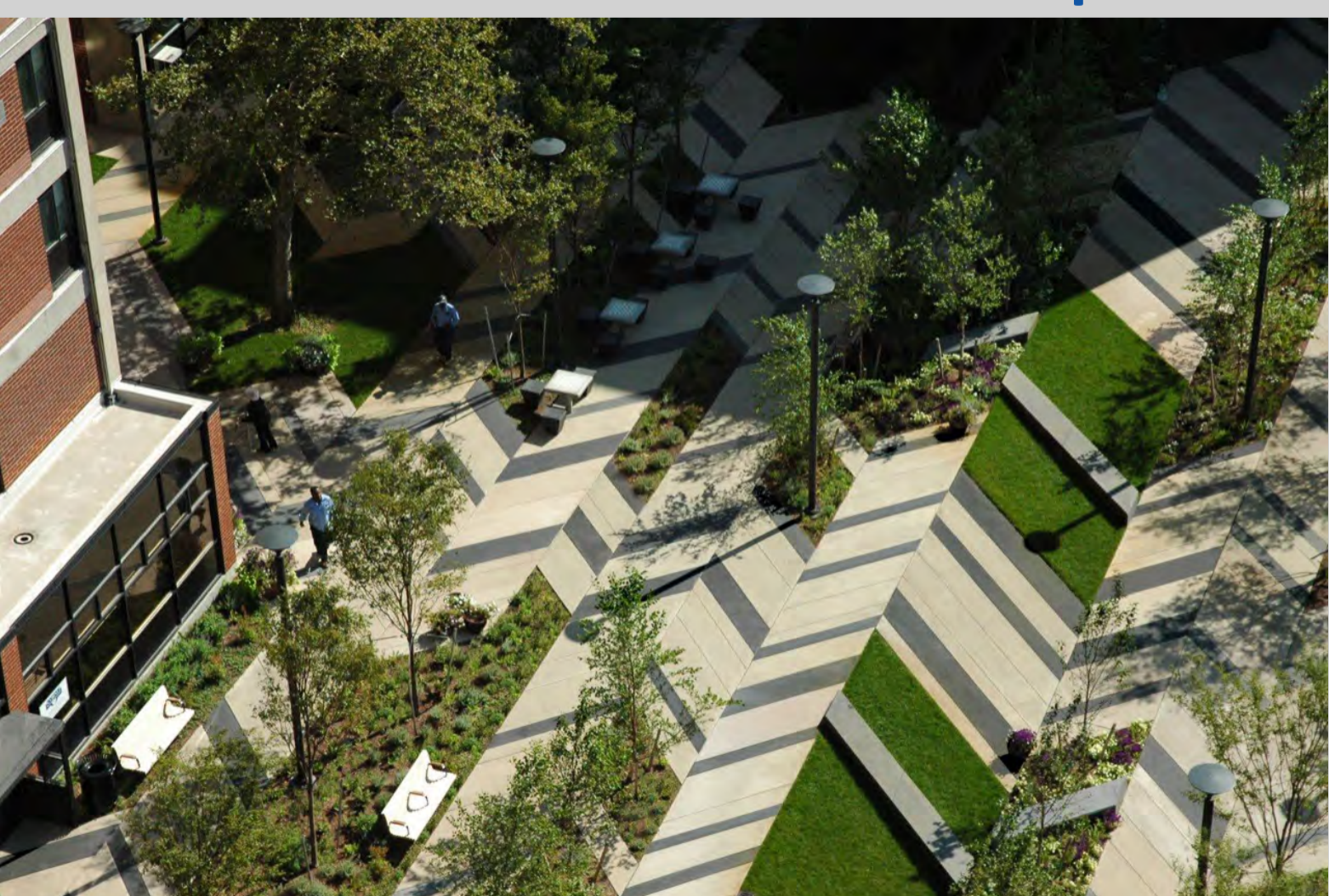


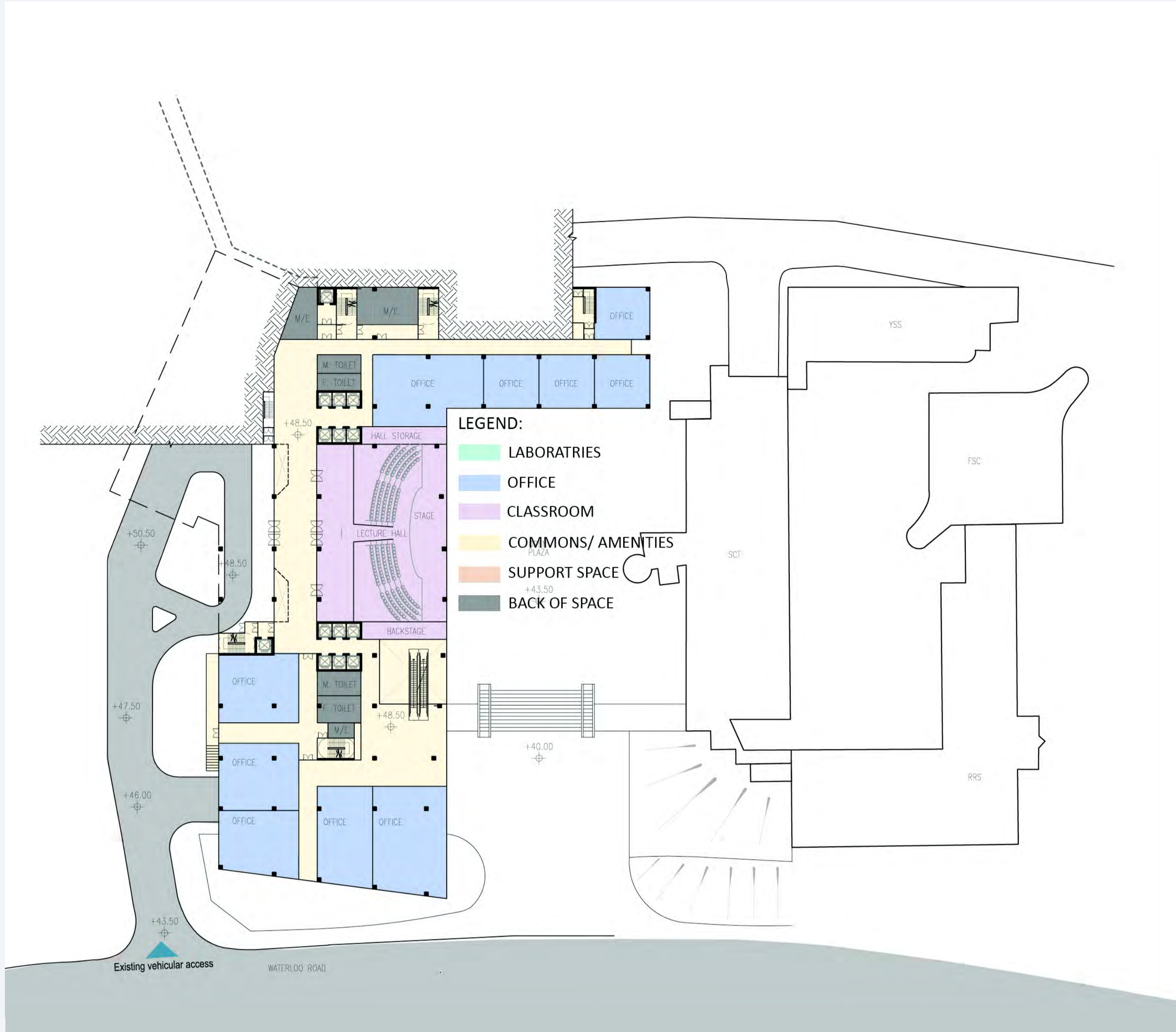
Site Condition



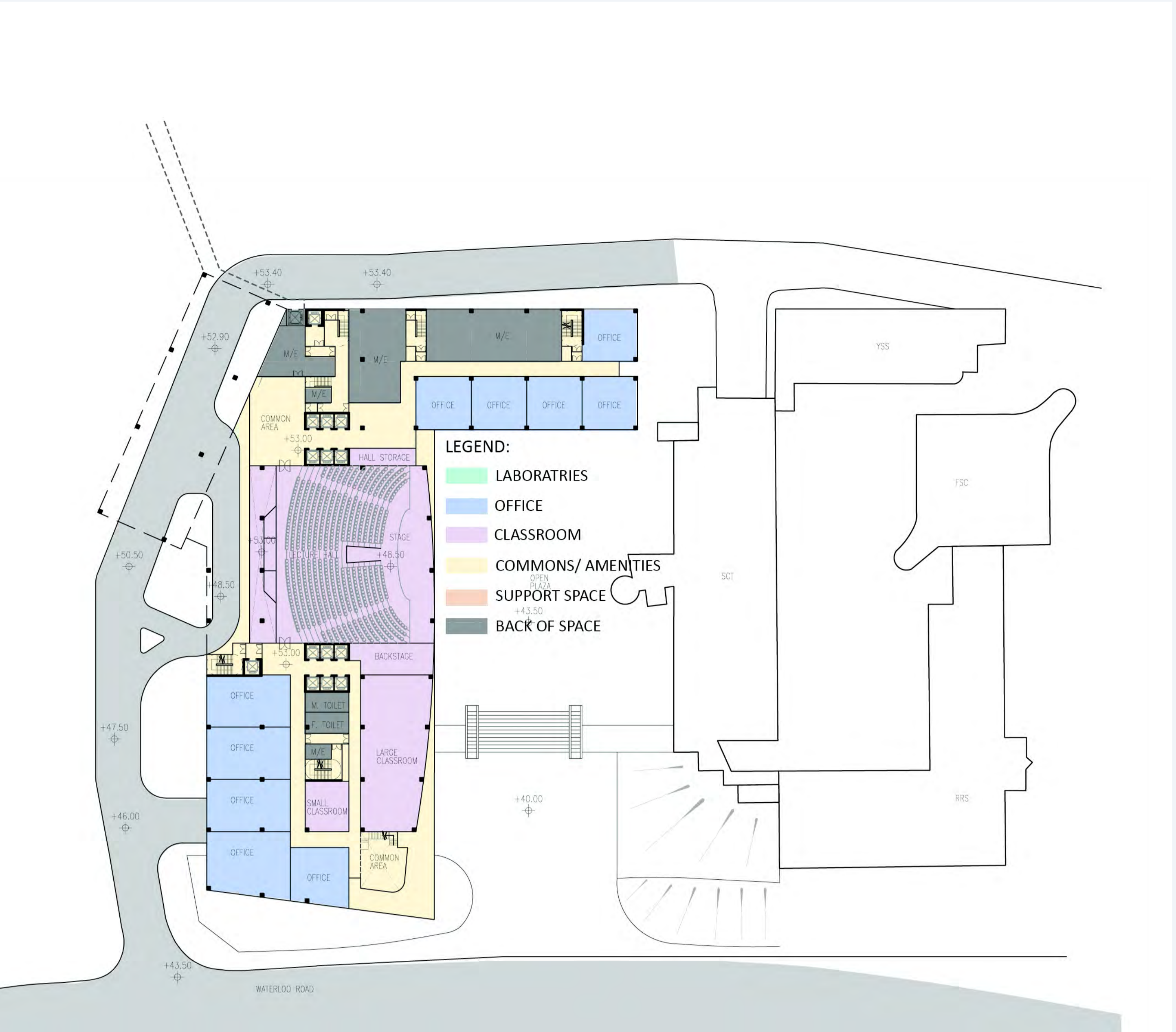
MLP

Entrance Plaza & Open Courtyard





G/F 1:500



1/F 1:500

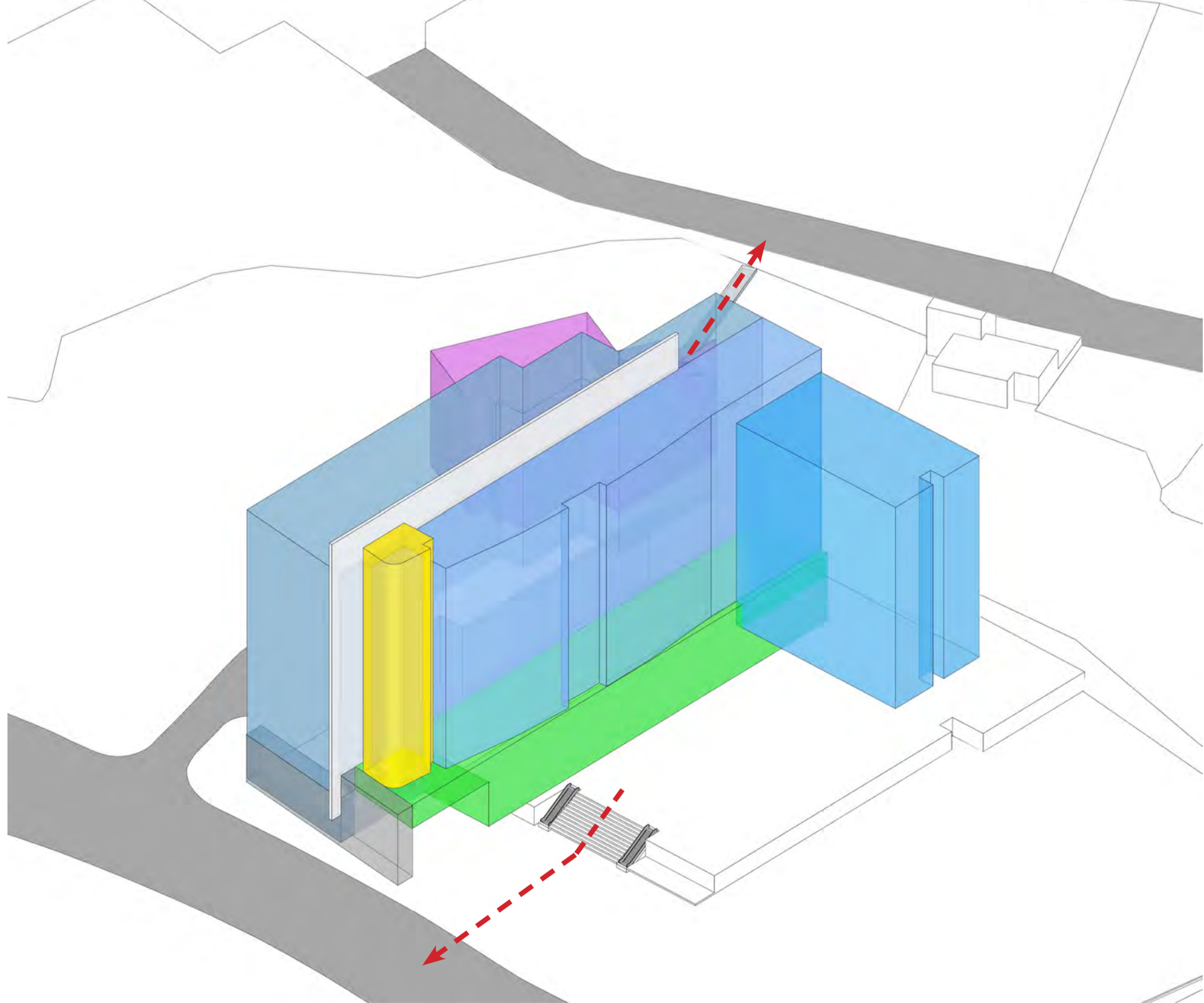


2/F 1:500



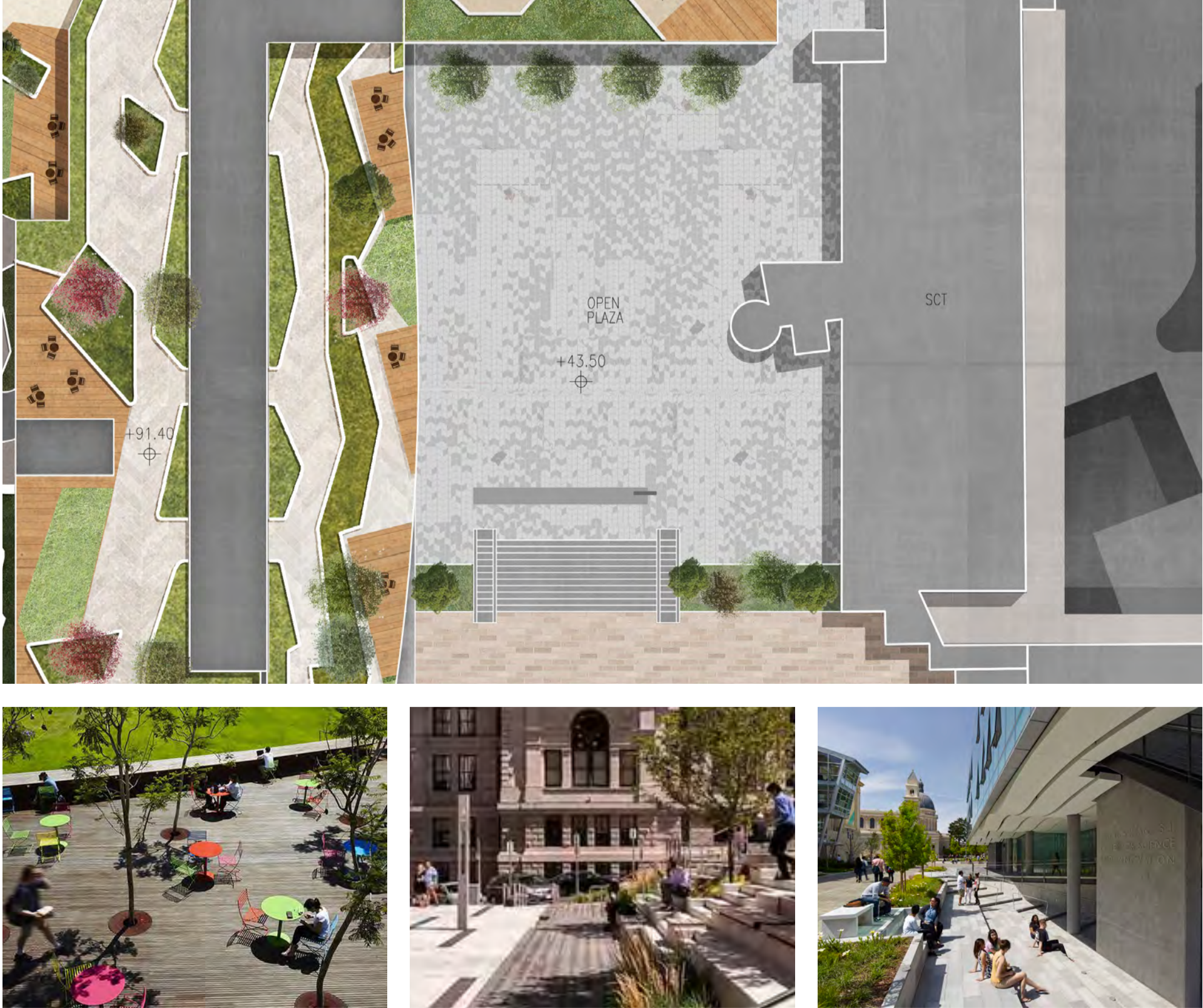
Typical Floor 3/F 1:500

Concept



- Linkage of Broadcast Drive and Waterloo Road
- Various elevation elements to break down the massing
- Open up the university to the communities
- Minimise the level difference on campus

Public Courtyard



- Communal space with weather proof pedestrian walkway to connect with the existing blocks
- Multi-purpose courtyard with improved ventilation
- Flexibility for future university growth

Spatial Planning



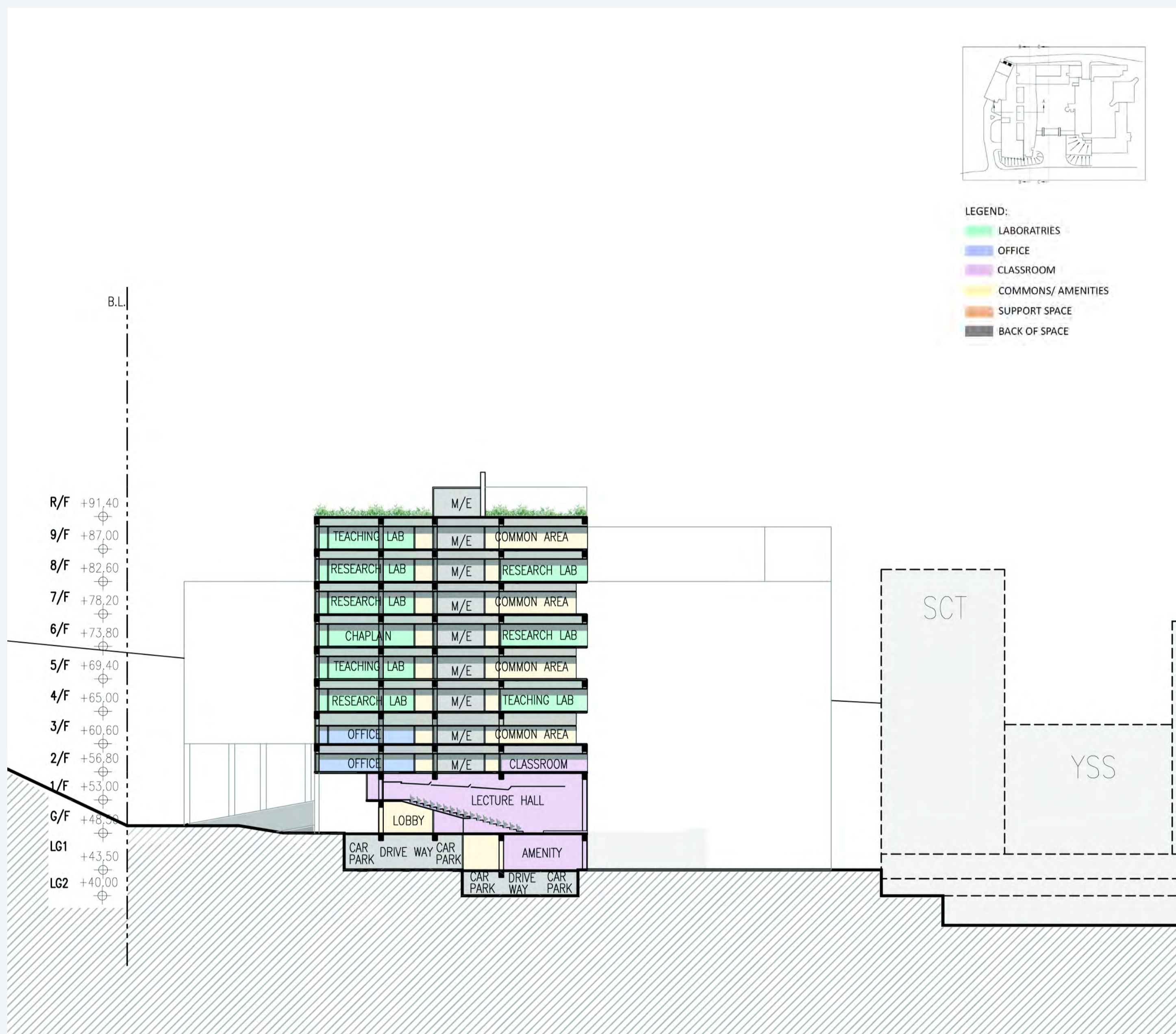
- Double storey breakout Space
- Efficient subdivision of rooms (classrooms) for teaching purpose



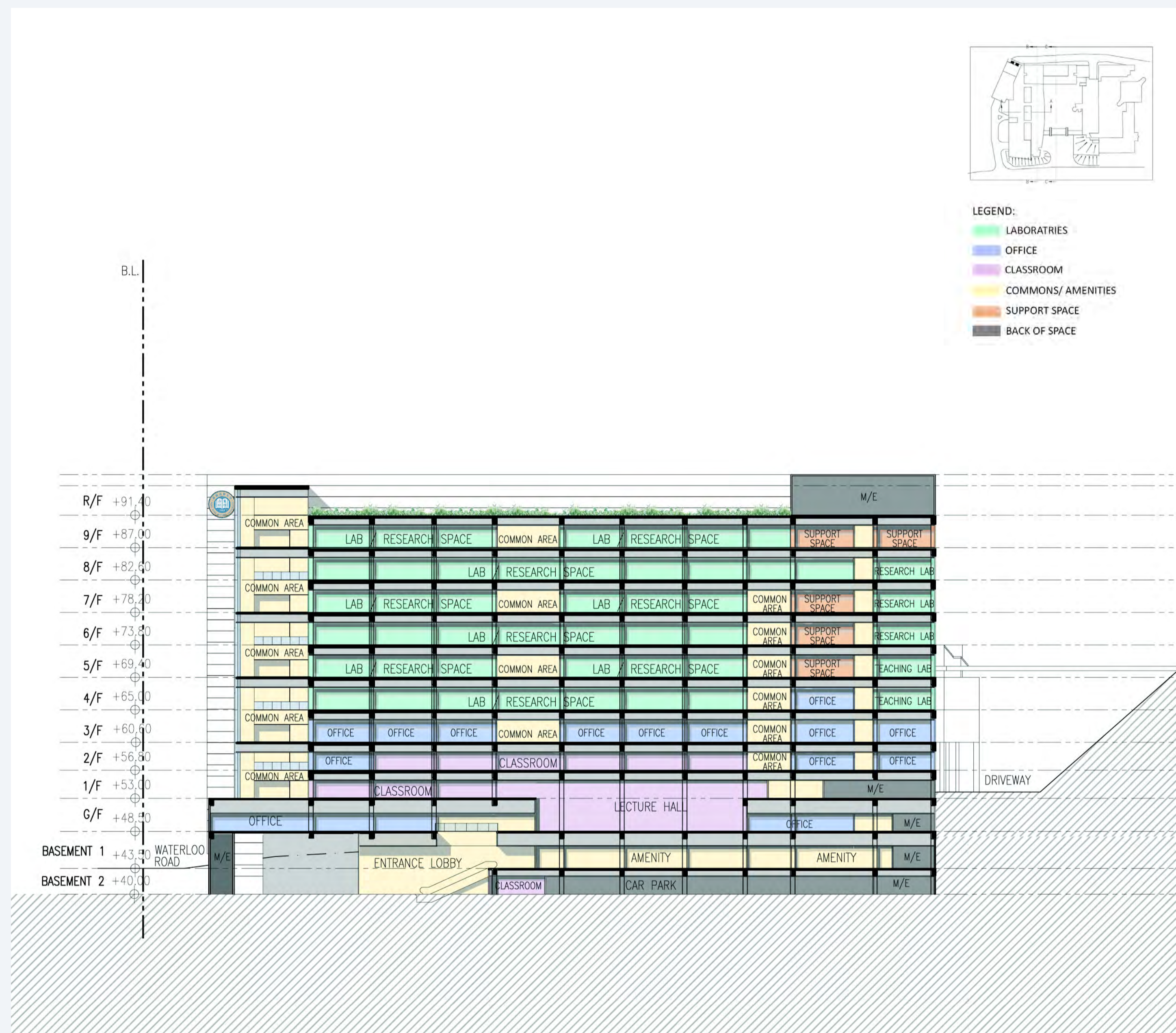
Faculty of Arts at 5/F 1:500



Department of COMP, MATH & PHYS at 6/F 1:500



Section A - A



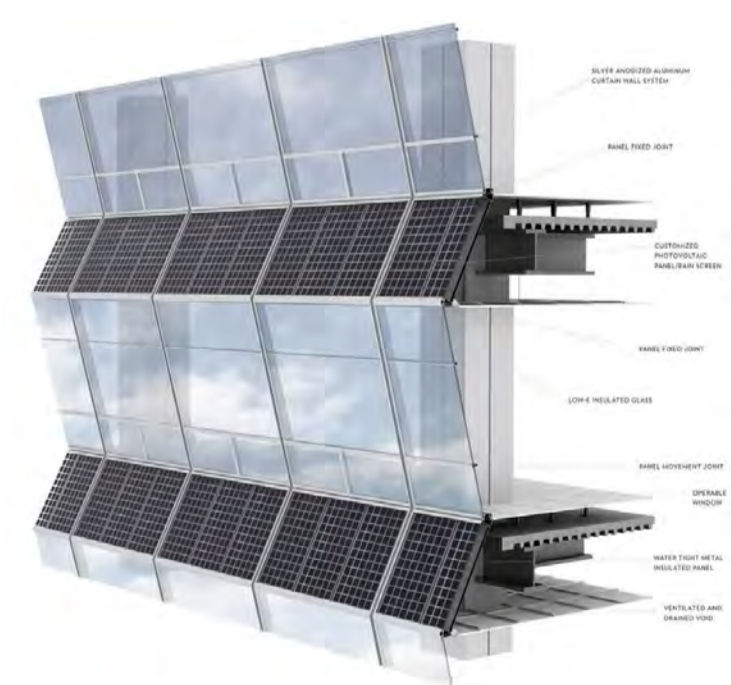
Section B - B

Clear Zoning

- Lecture hall and large classrooms at lower floor to facilitate circulation flow
- Laboratories locate at higher levels to facilitate fume extraction
- Servant space in the middle to facilitate circulation

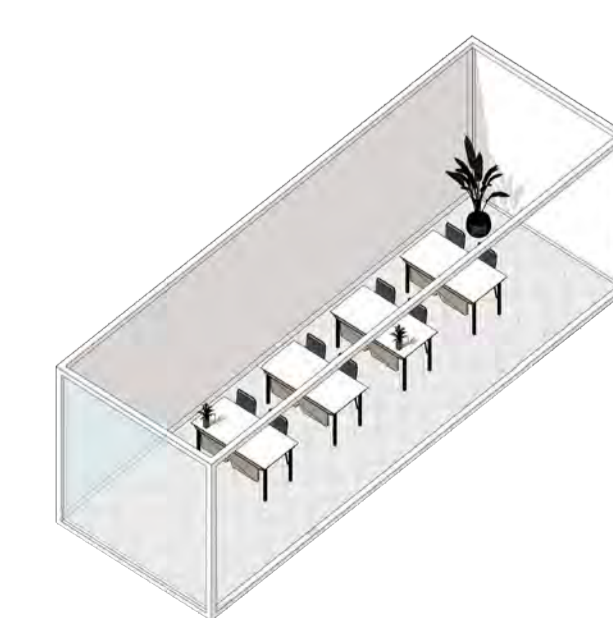
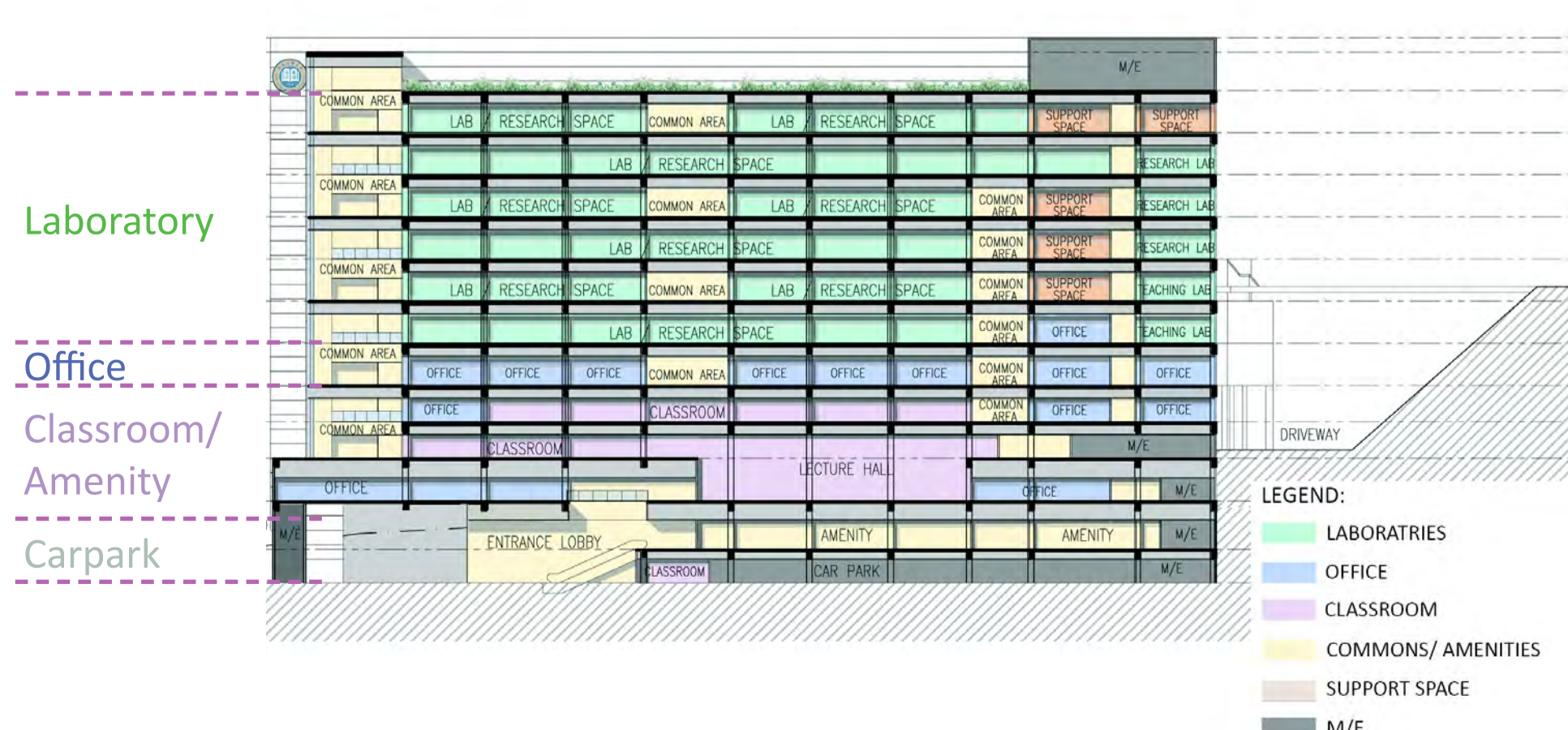
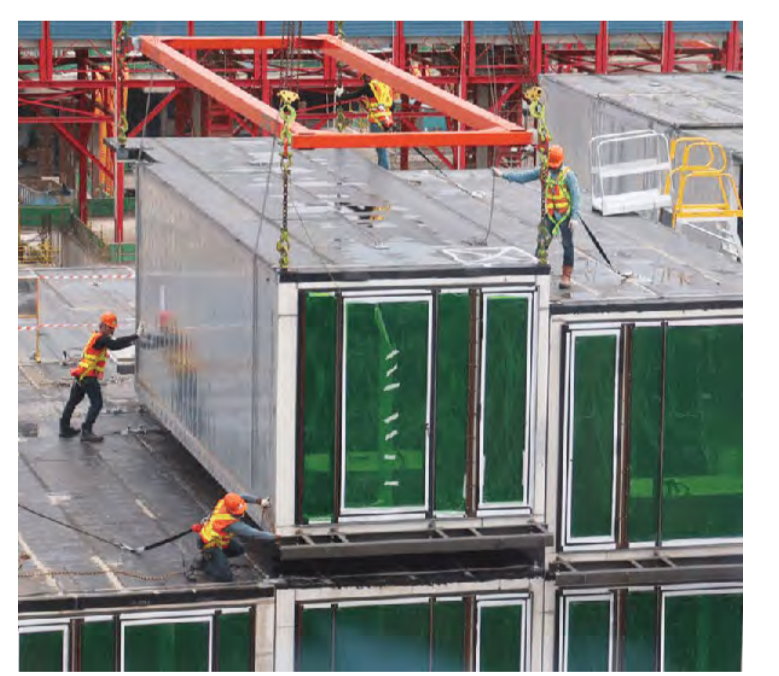
Sustainability

- Facade feature as shading devices
- Green roof helps regulating in-door temperature
- Maximise natural lighting for functional rooms
- Extended landscape to create a green campus

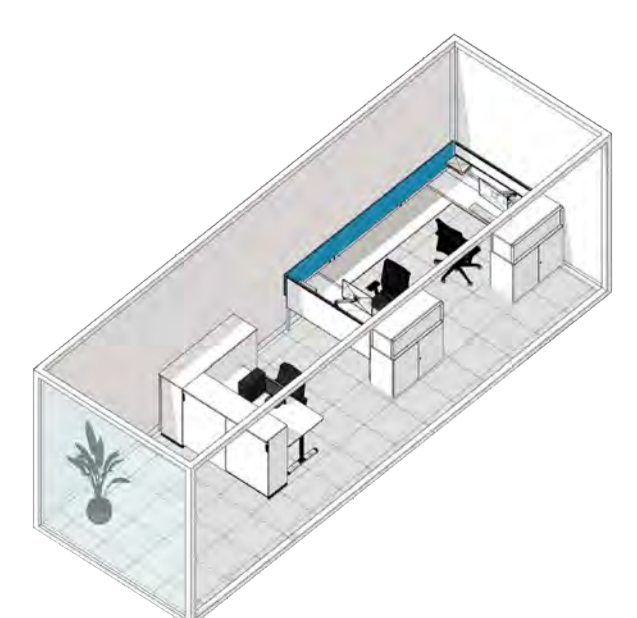


Construction Method

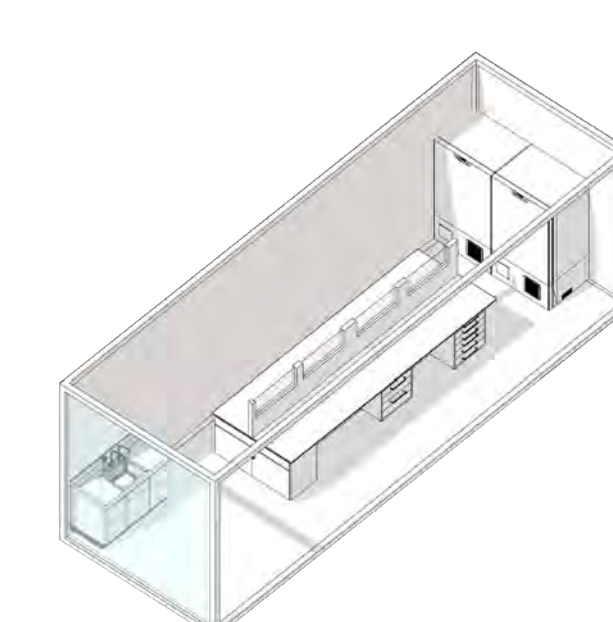
- Appropriate construction method to alleviate the disturbance
- Using MIC to lower the cost and enhance efficiency
- Temporary protective measures to ensure safety of community



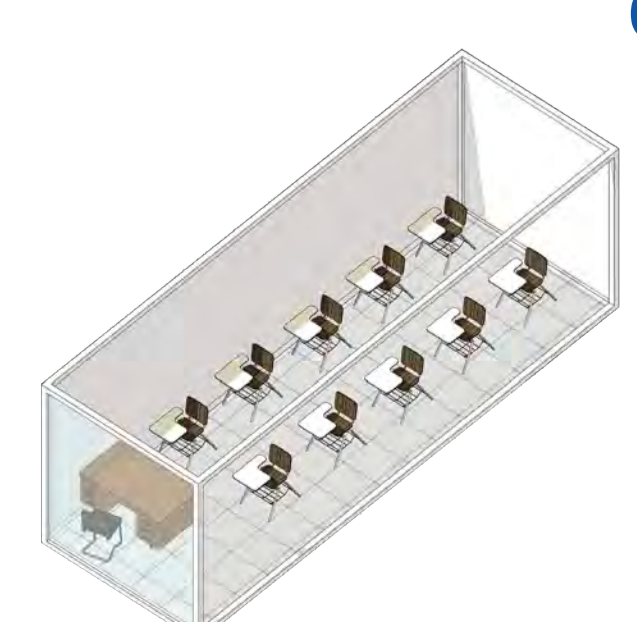
Study



Office



Laboratory



Classroom