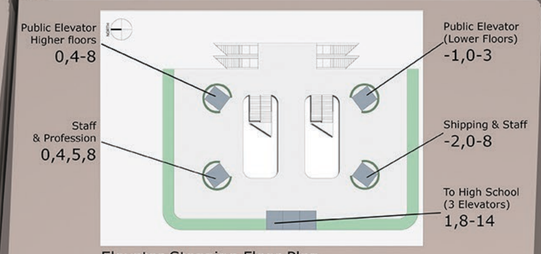
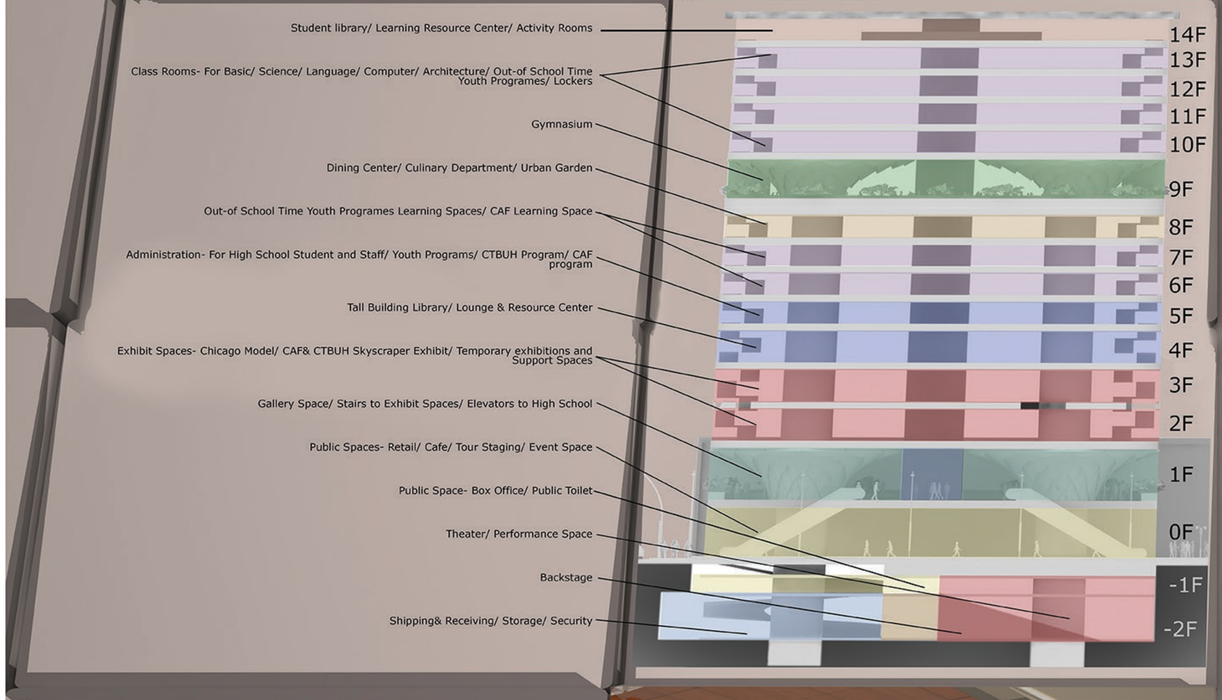
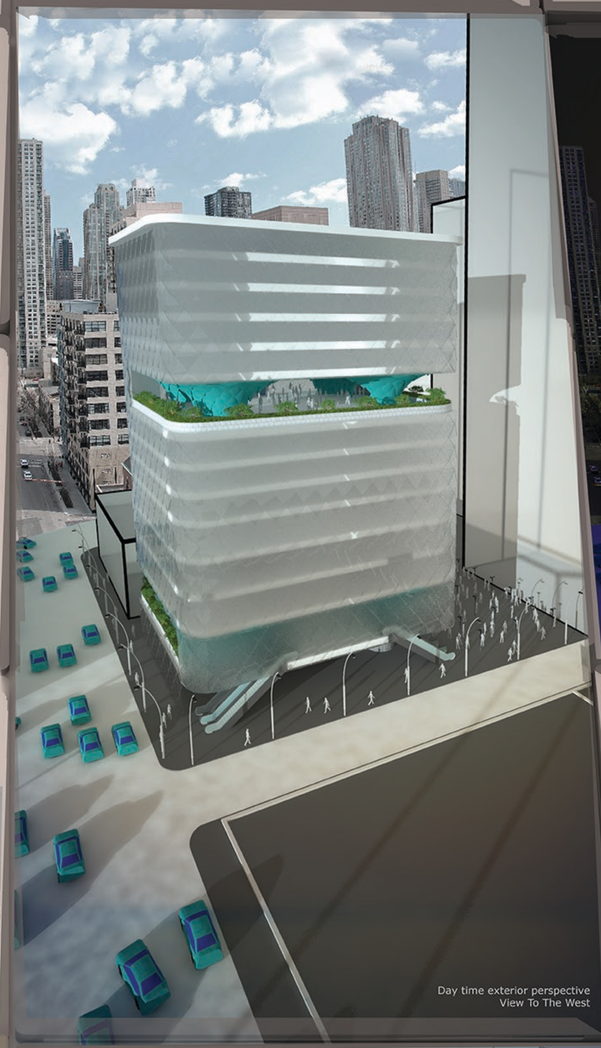
-GREEN CAVE-
DESIGN SOLUTION FOR LARGE FLOW OF USERS

The design solution of 'Green Cave' focus on distributing users and visitors at the entrance level. High rise building often has issue with the long queuing to taking the elevator, with the situation of having a school rise vertically, it would had make the case much tougher. Green Cave was designed to optimize the population flow by merging supportive columns and vertical transfer (elevator) together. The outcome was a design that distributed four elevators equally throughout the building plans. Each of the four elevator has their own floor purpose, this will enhance the productivity by having similar purpose groups of people taking the same elevator, while also stopping fewer floors. Moreover, with a two floors of entrance spacing, designed specifically to deal with the large flow of individuals, Green Cave provide an design solution in solving the unproductivity of long queuing.
The building facade is covered by diamond shaped glass planes. What the design propose is to tell the audiences, Architecture isn't only about form and shapes, but also a well facade design, importantly, it able to maintain low construction cost by repetition.



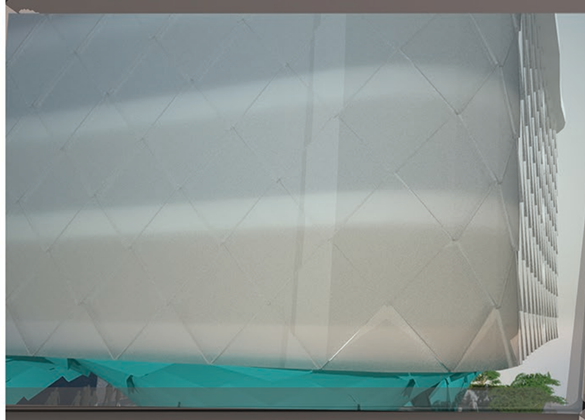
Elevator Stopping Floor Plan
Typical Floor (1F) with site boundry





Day time exterior perspective
View To The West

Night time exterior perspective
View To The West



Ground Floor Entrance
Visitors will find a help reception desk at first glance of the entrance. This is important when each corner elevators are design specific for different floor.

First Floor Entrance
Students & Exhibition visitors populated on the first floor. Students make their way towards the elevators. While Visitors take the stairs to the exhibition areas.

Eighth Floor Gymnasium
The Column of elevators stops at lower level, but the column facade was kept to maintain consistence design.