

Technical Requirements

I. Planning requirements :

Site area : 110800 sqm

Plot ratio : <0.9

Green coverage: >30%

Density: <25%

Building height limit: <53m

Traffic entrance: South or West side of the site

II. Content of Development :

Number of class: 84class (High school)

Number of Student: 4200student (50student/class)

Number of Staff: 352people (4.2people/class)

Total GFA: <99000 sqm

Including:

Primary classrooms: 27200 sqm (normal and special classrooms)

Second Classrooms: 15700 sqm (Library, office)

Conference hall: 600 seat

Sport hall: 5500 sqm (1100 fixed seat)

Student Dormetory: 28000 sqm (4people/room)

Staff Dormetory: 5900 sqm

Playground viewing platform: 1200 sqm

Semi underground car park: 5000 sqm

III. Building codes

Sport field shall be located with reasonable distance to the classrooms, but need to have conveniently linked the long axis of the sport field with circular runway and ball game field shall be positioned along south-north direction.

The main entrance should be planned to cope with the peak load of the circulation. The main entrance shall not be located close to city main road. Buffer zone and signage shall be properly planned for the entrance.

Normal classroom of high school shall be lower than 5 storey. Special/ second classroom, staff office are not limited by this rule.

Classroom, library and lab shall be positioned toward best orientation, to avoid direct sunlight into the interior. Classroom is better to have windows on both sides. The main window shall be on the left side of student. The window to floor ratio for classroom and office shall not be lower than 1/6. Glare shall be avoided.