



Synergistic Cost-effective Measures:

All elements are demountable; increasing the [partial] adaptability and subsequent residual value of the mixed-function complex.

All used elements are prefabricated to minimize site costs.

The overall material variety is minimized to reduce the amount of needed cleaning agents; reducing cleaning costs.

- ① Loose reflective vinyl floor tiles are easily maintained with dry mechanical cleaning; significantly reducing cleaning costs.
- ② The floors are fully demountable without the need of (heavy) machines. As an effect, voids can easily be replaced to suit changing programmatic needs, without hindering the activities of other programmatic functions.
- ③ Pre-glued natural stone veneer on an ACP sandwich panel reduces stone materials costs and provides fast and foolproof assembly.
- ④ Demountable stretch ceiling is used for acoustic reasons, as well as hiding fire curtains, vents and lighting.  
It is also used in the museum of the complex; to create indirect lighting.
- ⑤ Fire curtains provide fire compartmentation, as well as (thermally) closing off parts of the building when needed.
- ⑥ All floors and walls are insulated to avoid temperature leakage to (temporarily) unused functions.
- ⑦ Coved lamps behind stretch ceiling illuminate the bookshelves at night; accentuating one of the main architectural themes of the complex.
- ⑧ Overpressure ventilation blown from behind the books prevents dust from accumulating on the books. This avoids the tedious and costly labour of dusting all the books.

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