Multiplex Design Learnings:

A. Ratio of 1 (height): 2 (width): 3 (length) to be maintained. Height is clear height below false ceiling (false ceiling will be 750 mm under structure) and width/length are carpet dimensions. +/- 10% variation is allowed.
B. Each hall has to be a separate sound unit – hence, the roof structure has to be separated. Generally roof structure should be a deck slab with lightweight concrete.
C. The general area requirements are as follows:
    a. Overall for multiplex: 25 sft carpet area/seat (double height areas counted once, projection room and concession stands counted once) (range of +/-10% ok)
    b. Inside each hall: 15 sft carpet area / seat (range of 14-16 sft ok)
D. For CFO purposes:
    a. Multiplex needs access to 2 staircases, atleast one of which had 2 m flight width.
    b. Multiplex floor level cannot be more than 50 feet above ground level
E. Separate Air distribution system to be planned for each zone:
    - A common chiller can work but AHU's to be separate.