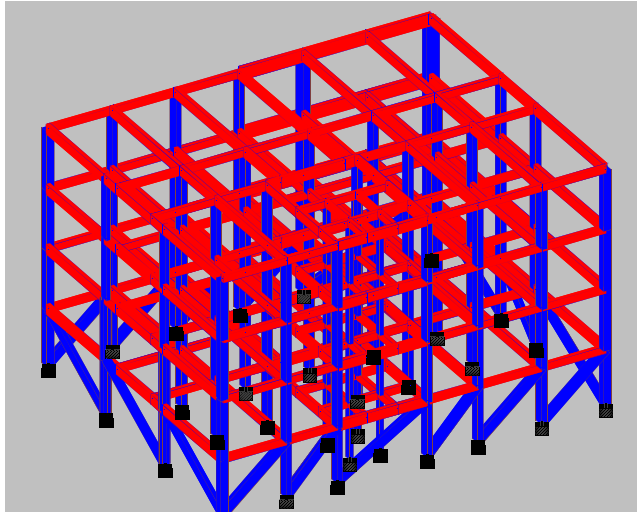


Transit Labor Welfare Department Building for Karnataka Housing Board

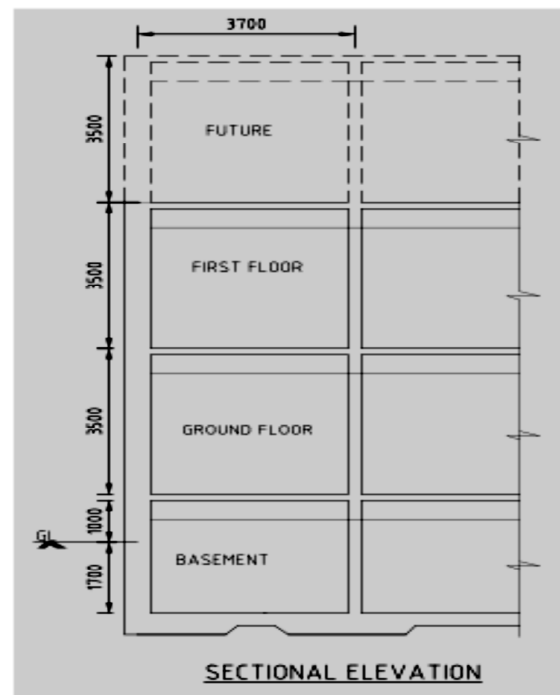
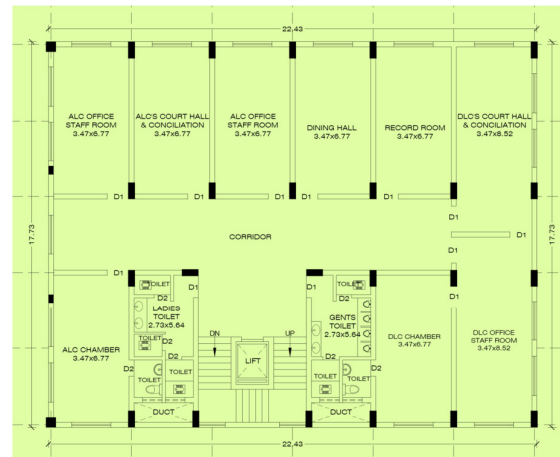


For the given building, it is concluded that reinforcement savings can be achieved for different elements as follows:

Slabs:	No Savings
Beams:	15%
Columns:	30%
Foundations:	10%

Scopes of work include Value Engineering followed by Detailed Engineering on the usage of Aerocon Blocks instead of normal blocks for an Office Building of Basement+G+2 Building.

Structural Designs are carried out for the Building for both cases using normal blocks and Aerocon Blocks(Ultralite)



Date: 2013

Client: Karnataka Housing Board / Laxmi Ultralite Cement Products

Built-up Area : 21000 SFT

Type: Reinforced Cement Concrete

Firm's Responsibilities: Structural Design and Value Engineering