

# Vatika City Specifications

## CLC BLOCKS OVER CLAY BRICKS

The density of CLC blocks is almost 2/3 of the clay bricks which reduces over all weight of the building. They have low thermal conductivity ad low acoustic transmission which provides better insul...

## DUAL PLUMBING SYSTEM

Dual stack system for domestic and flushing water requirement thus making the optimal use of waste water by recycling and recovering 90% of water through sewage treatment plant.

## ENERGY EFFICIENT LIGHTING

TL5 lamp and HF ballast along with fixtures for energy conservation.

## FE 500 STEEL OVER FE 415 STEEL

fe 500 steel has high tensile strength ad ductility which helps in reducing steel consumption by 10 - 12 %, also it is more compatible

## HEAT RECOVERY UNITS

Energy saving heat recovery units to reduce overall air conditioning and electrical load..

## PRE PAID METERS

Transparent billing system for recording accurate metering from dual source. i.e. Either from state electricity board or DG set . Efficient software for bills generation.

## RAIN WATER HARVESTING

to canalize rain water recharge in the ground to assist I raising ground level.

## RENEWABLE ENERGY UTILIZATION

Providing solar water heater to hot water requirement and solar light fixtures in the street light as applicable..

## STEEL COUPLERS FOR SPLICING REBARS

Steel couplers are easy to install and ensures strong bond between bars. Spliced bars are aligned which ensures effective load transfer. Elimination of lap in the bars and reduction I number of stirru...

## SYSTEM BASED MONITORING BY FACILITIES - BMS

Monitoring and control of equipment and for optimal utilization of equipment resulting in reduced bills of clients.

## THERMAL STORAGE TANKS

Energy saving technology to provide air conditioning in very lean and peak load conditions. A state of art technology provides the flexibility of operation of the equipments reduces building energy.

## WATER PUMPS AND MOTORS

Variable speed/ variable frequency drive to save energy...