



MSL-10M

Residential Complex & Community Facilities – 4286







- A 'Campus' that Embodies the spirit of intellectual enterprise
- Provide a conducive, calm and spacious atmosphere and natural surroundings to stimulate scholarly activities
- Unique terrain should be utilized imaginatively to bring the community together
- Ensure least perturbation of natural features and habitat
- Minimum disturbance to environment and ecosystem
- Optimal coverage of area
- Buildings should follow the contours of the terrain
- The academic schools should be interconnected to stimulate academic interaction
- Buildings are designed in accordance with N.B.C. and





























- **SALIENT FEATURES**
- VERNACULAR STYLE C ARCHITECTURE WITH SLO ROOF
- WALL WINDOW RATIO APPROX. 40% FOR WIN
- WINDOWS RECESSED
 WEATHER PROTECTION
- LOW-E DOUBLE GLAZI WINDOWS
- DOUBLE EXTERNAL WA
 INSULATION IN BETWEEN
- STONE OBTAINED FRO EXCAVATION REUSED II RANDOM RUBBLE MASC
- CUTTING & FILLING OF
 OR LESS BALANCED
- INTERACTIVE LANDSC
 BETWEEN THE ACADEM







PICAL LAYOUT OF HOSTEL ROOM



SALIENT FEATURES

 EXPLOITS TO FULLEST THE GROUND PRO MINIMISE CUT & FILLING

 MIXED STRUCTURE IN RCC AND PRE-EN STRUCTURAL STEEL



DOWN STREAM BUND











GREEN FEATUTRES FOR FIXTURES

•WATER CLOSET – DUAL FLUSH SYSTEM

•WASH BASIN – AUTO SHUT OFF SYSTEM

•URINALS – SENSORED WITH AUTO SHUT OFF

GREEN FEATUTRES FOR ELECTRICAL FIXTURES

•INTERNAL LIGHTING – ENERGY EFFICIENT CFL, TL5, LED FIXTURES

•CABLE MANAGEMENT- RACEWAY SYSTEM

•DG SET- 2NOS 1000 KVA HT SILENT TYPE DG SET

GREEN FEATUTRES FOR HVAC SYSTEM

VRF SYSTEM

- THERMAL INSULATION IN ROOF TO ACHIEVE U VALUE 0.409 W/SQ.M.C
- EXTERNAL DOUBLE WALL WITH INSULATION TO ACHIEVE U VALUE 0.44 W/SQ.M.C
- REFLECTIVE DOUBLE GLAZING TO ACHIEVE U VALUE 1.6 W/SQ.M.C

•USE OF HEAT RECOVERY UNIT AND VARIABLE FREQUENCY DRIVE IN AHU

