




Planning Development – New Build Standards:

Sustainable construction is not just about the creation of a building that has a low environmental impact; it is a new approach in the building sector that improves the way people live and build. The advantages of green construction fall into three main categories: environmental benefits; financial benefits; and social benefits.

The Manager of University of Liberal Arts Bangladesh (ULAB) understood its full potential and constructed its new building. The building design has employed a number of sustainable responsive strategies including:

- All peripheral walls are cavity walls so as to reduce thermal heat gain and provide deep shading to openings.
- All windows are double glazed to reduce solar heat gain.
- The roof has a green covering which acts as a thermal mass to minimize heat gain and heat island effect.
- Only classrooms have optional air-conditioning while corridors, access ways and stairs are naturally ventilated.
- Natural stone flooring to keep indoor spaces cool.
- All of the lighting is through energy efficient LED lamps of low consumption, high efficacy selections.
- All faucets are censored, so as to minimize water loss.
- All AC units are VRF which are the lowest energy consuming types.

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