

CHING BUILDING CONSTRUCTION

Chapter 1, pp. 1.02 - 1.06,
NOTES

SUSTAINABILITY

- Climate change and Environmental awareness has become a significant issue in shaping how the building design industry operates.
- It has pushed sustainability in locations to become more of an issue

Frame Work for Sustainable Development

1994 a Task group of 16 proposed a three dimensional framework for sustainable development.

Principles	Resources	Phase
<ul style="list-style-type: none"> Reduce resource consumption Reuse resources Recycle resources for reuse Protect nature 	<ul style="list-style-type: none"> Land Water Material Energy Ecosystems 	<ul style="list-style-type: none"> Design Planning Deconstruction



Green Building

green building and "sustainable design" are often used interchangeably to describe any building designed in an environmentally sensitive manner.

The LEED rating system for new construction addresses seven major areas of development.

1. Sustainable Sites
2. Water efficiency
3. Energy and Atmosphere
4. Materials and Resources
5. Indoor Environmental Quality
6. Innovation in Design
7. Regional Priority

