

Building in Context

- Buildings exist to support and inspire a range of human activities in response to sociocultural, economic and political needs.
- The microclimate, topography, and natural habitat of a site all influence design decisions at a very early stage in the design process.
- Regulatory forces of zoning ordinances, regulations that the existing land-use patterns along with size and shape of the building mass.
- A brief discussion of sustainability has to occur

Sustainability

In 1987, the UNWCED

Development
Commission
+
Sustainable

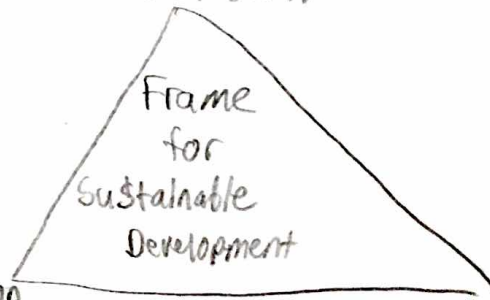
Issued a report, Our Common Future, the report defined sustainability or development as "a form of development that meets the needs of the present without compromising the ability of future generations to meet their own needs."

Principles

- Reduce resource consumption
- Reuse resources
- Recycle resources
- Protect nature
- Eliminate toxics
- Apply life cycle costing
- Focus on quality

Phase

- Planning
- Development
- Design
- Construction
- Use & Operation
- Maintenance
- Modification
- Deconstruction



Resources

- Land
- Materials
- Water
- Energy
- Ecosystem