



Hindustan Unilever Headquarter

Location	: Mumbai, Maharashtra
Site Area	: 50586 m ²
Built up Area	: 55762 m ²
Air-conditioned Area	: 35770 m ²
Non Air- conditioned Area	: 19992 m ²
Energy Consumption Reduction	: 12% reduction from TERI GRIHA benchmark
EPI	: 194 KWh/ m ² /year
GRIHA rating	: 2 Stars

The following strategies were adopted to reduce the impact of the proposed building on natural environment:

- 🌍 Sustainable Site Planning:
 - Older building footprints retained to minimize damage due to construction activities.
 - Existing contours retained to avoid unnecessary cutting and filling of land.
 - Proper timing of construction to minimize soil erosion.
- 🌍 Reduction in water consumption (compared to TERI GRIHA benchmark):
 - 53.64% reduction in building water consumption by use of low fixtures.
 - 40% reduction in landscape water consumption by planting indigenous species and minimizing lawn area.
 - 59 % water recycled and reused within the complex.
- 🌍 Reduction in energy consumption (compared to TERI GRIHA benchmark) while maintaining occupant comfort:
 - For achieving visual comfort:
 - External shading and efficient glazing systems to reduce solar heat gain and glare free daylight.
 - ECBC compliant energy efficient artificial lighting design
 - For achieving thermal comfort:
 - ECBC compliant building envelope to reduce space conditioning loads in AC spaces and to meet thermal comfort in non-AC spaces.
 - Water cooled chiller installed
 - VFD (Variable Frequency Drives) installed in A.H.Us (Air Handling Units)
- 🌍 Use of low-energy/green materials:
 - Post Tensioned RCC slabs to reduce embodied energy.
 - Subsoil drainage system installed.

Integrated Team:

Project Management	: Jones Lang LaSalle
Architect	: Kiran Kapadia and Associates
Landscape Architect	: Site Tectonix
Mechanical /Electrical /Plumbing Consultant	: Spectral Services Consultants Pvt Ltd
Green Building Design and Energy Consultant	: The Energy and Resources Institute