

CATEGORY + METRICS / GUIDANCE DOCUMENT

The following Guidance Document is intended as a framework to help each team's submission. The submission is not required to meet all aspects of this document. In addition, it is encouraged to demonstrate how the project submitted performs above and beyond what is described below. Several categories have specific metrics listed below, to be input directly into fields on the project registration page.

1. Engagement Process + Integrative Design

- Process: Design Process (Charrettes, Engagement Tools, Framework)
- Integrated Systems Approach: Programmatic, Comfort, Energy
- End-User Education
- Community stability as an outcome of the process and project

2. Regional Resilience + Community Design

- Historic Context
- Climatic Design
- Social and Cultural
- Political and Economic
- Climate change adaptation and resiliency

3. Local + Regional Site Response

- Ecological Impacts and Watershed Management
- Infrastructural Impacts – Combined Sewer, Subway, Grid, etc.
- Landscape and Wildlife Conservation
- Local Air Quality Improvement, Microclimate Modification

Mandatory Metric:

> Storm water Runoff Reduced from Site (% Reduction per LEED V3)

Optional Metric:

> Percentage of green roof area relative to roof area

4. Passive Before Active

- Massing Strategies
- Program Distribution
- Passive Survivability
- Primary Orientation
- Enclosure Design

Optional Metrics:

> List the top three passive strategies employed in the project (EX: Natural ventilation, daylight harvesting, night cooling, etc.)

> List the top three biophilic strategies employed in the project (EX: Thermal flow variability, presence of water, material connection to nature)

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5. Comfort + Delight

- Daylight Quality and Access to Views
- Access to “Nature”
- Control Over Individual Environment
- Passive Air Quality Enhancement

Mandatory Metrics:

> Provide the percentage of floor area complying either with annual daylight metrics (DA₃₀₀ and ASE_{1000/250} as per LEED v4) or point in time illuminance metrics (between 10 and 50 fc at 9AM and 3PM on September 21st as per LEED v3)

OR

Provide the percentage of floor area with an unobstructed view of a window no more than 20 feet away

Optional Metrics:

- > Percentage of occupants that have lighting or daylighting control
- > Percentage GSF within 20 feet of an operable window
- > List the top three lighting quality strategies employed in the project (EX: Color index, glare control, circadian lighting design integration, heliostats, etc.)
- > List the top three acoustic strategies employed in the project (EX: Acoustic planning, sound masking, sound reducing surfaces, etc.)

6. Water Conservation

- Water + Energy Interactions
- Landscape + Material Innovations
- Snow Management
- Flood Mitigation and Resiliency

Mandatory Metric:

> Reduction in Potable Water Use for flush and flow fixtures (% reduced per LEED V3)

Optional Metric:

- > Reduction in Potable Water Use for irrigation, cooling tower, or other process water use
- > List the top three water cycle strategies employed in the project (EX: On-site treatment, rainwater harvesting, plant-based detention)

7. Energy Flow

- Expanding the Comfort Range
- Peak Load Reduction – Strategies for Efficiency
- Energy and Carbon Intensity – Source Fuel Selection
- Value Engineering + Life Cycle Analysis + Return on Investment

Mandatory Metrics:

> EUI (without renewables)

> EUI (with renewables)

Optional Metric:

> Percent reduction from National Median EUI for building type

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8. Materials + Construction

- Durability
- Material Use Reduction
- Transparency and Product Declarations (HPD's, EPD's, Red List Compliant)
- Material Experimentation

Optional Metrics:

- > Number of HPD/EPD/Declare labeled products
- > Number of Red list Free products
- > Percentage Construction Waste Diverted from Landfill (In tons)

9. Long Life Loose Fit

- Flexibility and Versatility
- Adaptive Reuse
- Expansion Plan

10. Collective Wisdom Feedback Loops

- Lessons Learned
- Post-Occupancy
- Practice Transformations
- Community Transformations

Mandatory Metrics:

- > Percentage of People Satisfied with Thermal Environment (per CBE occupancy survey reference) (%)