2019 AIANY Design Awards Sustainability Category Guiding Principles

This document highlights aspects the Jury will consider when evaluating Sustainability category submissions. It is not a requirement to include a description of each principle, however, applicants are encouraged to submit descriptions for as many as the project fulfills. Please include in your pdf submission a description of each applicable principle. Maximum 200 words per principle.

1. Design for Integration
   - Integrated Systems Approach: Programmatic, Comfort, Energy
   - End-User Education

2. Design for Community
   - Process: did it include Charrettes, Engagement Tools, Framework?
   - Community stability as an outcome of the process and project
   - Historic Context
   - Climatic Design
   - Social and Cultural
   - Political and Economic

3. Design for Ecology
   - Ecological Impacts and Watershed Management
   - Infrastructural Impacts: Combined Sewer, Subway, Grid, etc.
   - Landscape and Wildlife Conservation
   - Local Air Quality Improvement, Microclimate Modification
   - Climate change adaptation and Resiliency

4. Design for Water
   - Water Management
   - Snow Management
   - Flood Mitigation
   - Water Reuse

5. Design for Efficiency
   - Massing Strategies
   - Program Distribution
   - Passive Survivability
• Enclosure Design
• Value Engineering + Life Cycle Analysis + Return on Investment

6. Design for Energy
• Expanding the Comfort Range
• Peak Load Reduction – Strategies for Efficiency
• Energy and Carbon Intensity – Source Fuel Selection
• Massing Strategies
• Primary Orientation
• Value Engineering + Life Cycle Analysis + Return on Investment

7. Design for Wellness
• Daylight Quality and Access to Views
• Access to Nature
• Control Over Individual Environment
• Passive Air Quality Enhancement

8. Design for Resources / Materials
• Durability
• Material Use Reduction
• Transparency and Product Declarations (HPD’s, EPD’s, Red List Compliant)
• Material Experimentation

9. Design for Change
• Flexibility and Versatility
• Adaptive Reuse
• Expansion Plan

10. Design for Discovery
• Lessons Learned
• Post-Occupancy
• Practice Transformations
• Community Transformations
• Quality of Life