

Instructions for Utilizing the AISD Sustainable Building Goals for Schools Checklist

Sustainable building design guidelines encourage movement towards integrated solutions that reflect environmental stewardship and economic efficiencies.

- Employ sustainability in the decision making process and the organizing pattern of your projects.
- Utilize design team integration to achieve greatest efficiencies.
- Provide this checklist to your architects, engineers, contractors, and consultants and discuss how you can collectively utilize it.

Note: An underlying premise of sustainable building is the use of integrated design teams and holistic, systems thinking. Designing and building resource-efficient schools requires design integration since the measures to achieve resource efficiency often overlap or interact. Design integration allows professionals working on various disciplines to take advantage of efficiencies that may not be apparent when they are working in isolation. It is also the best way to avoid redundancy or conflicts with aspects of the building project planned by others.

The Nuts and Bolts of the Checklist:

The checklist is divided into 8 main sections (A - H):

- Site Design/Solar Envelope
- Building Systems
- Indoor Air Quality
- Building Materials, Finishes and Furnishings
- Waste Management
- Construction Management
- Operations and Maintenance
- Innovation

Each section is further subdivided into different sub-sections. The items listed throughout the checklist are ranked in order of importance by section. The Points[^] column further expands on this by assigning points to each item. Items range from PF (Pass/Fail) to EC (Extra Credit). The grading scale is as follows:

- PF = 8 points or 0 points
- A= up to 6 points
- B= up to 2 points
- C= up to 1 point
- EC = 1 point

In order to apply the checklist items to your projects, be sure to look at the Project Type^{^^} column. This identifies whether the item pertains to a New School (N), Major Addition (A), Renovation (R), or to all three (ALL).

The last column on the checklist identifies the design phase or the Construction Specification Institute (CSI) section or division that each item pertains to in order to assist your team in better applying the information.

Indoor Air Quality (IAQ) is a concern in the construction industry today and is of special concern in places where children will be spending large amounts of time. Throughout the checklist, items that are IAQ related but not solely IAQ are identified with an asterisk * in the ID column to flag these items to your team.

Innovation (Section H) contains items that are above and beyond the practices in sections A - G. These items are presented to further provoke thought and challenge conventional school design. This is why this section is Extra Credit.

For further clarification, please contact Michelle Reott at (970) 259-8090 or mreott@earthly-ideas.com.