

# Public Review Draft

Proposed Addendum d to Standard 189.1-2023

# Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings

First Public Review (February 2024)  
(Draft Shows Proposed Changes to Current Standard)

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## **Foreword**

Integrated design is an essential concept that must be understood and employed in order to create high-performance green buildings, especially those needed to meet zero energy and zero carbon goals. This addendum adds a requirement for the development of an integrated design process plan to outline how the building project will be designed and constructed in a way to enhance collaboration and an integrated design process. The plan is only required to be an outline for an approach at this early stage of project development and is intentionally kept at a high level with the primary objective of having the project team think through how integration will be addressed throughout the design process. The plan is to be developed and provided to the project owner. This will reduce the responsibility of the AHJ to making sure a plan is developed and given to the owner rather than having responsibility for approving the content. Many design teams currently use an integrated design approach for their projects. This requirement will help document the expectations for the owner and will help teams without such a process create one to more effectively meet the requirements of the standard.

*[Note to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]*

## Addendum d to 189.1 - 2023

Modify Table 4.2 as follows:

**Table 4.2 – Requirements Determined by the Jurisdiction** (Normative in the IgCC)

Section	Section Title, Description and Directives	Jurisdictional Requirement
4.3	<u>Integrated Design Process Plan, Building Project Size [see in-text]</u>	<input type="checkbox"/> >25,000 ft <sup>2</sup> (2500 m <sup>2</sup> ) <input type="checkbox"/> >50,000 ft <sup>2</sup> (5000m <sup>2</sup> )

Add new Section 4.3 and renumber subsequent sections:

**4.3 Integrated Design Process Plan.** Prior to the schematic design phase of a building project of greater than 10,000 ft<sup>2</sup> (1000 m<sup>2</sup>) [JO] a plan outlining a collaborative process for the design and construction of the building project shall be developed and provided to the project owner and be available to the AHJ. The plan shall be consistent with the project delivery method chosen for the project, identify the stakeholders to be included in the integrated design process, and outline the process for the design and construction of the building project as an integrated system that meets the requirements of this standard.

**Informative note:** Additional information on an integrated design process can be found in Informative Appendix F. ANSI/ASHRAE/IES Standard 202 also addresses the development of project requirements through an integrated design process.