

Public Review Draft

Proposed Addendum bj to Standard 189.1-2017

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

First Public Review (June 2020)
(Draft Shows Proposed Changes to Current Standard)

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ASHRAE, 1791 Tullie Circle, NE, Atlanta GA 30329-2305



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Foreword

This addendum modifies the landscape design requirements in Section 6 to simplify and clarify that they are intended only for irrigated areas with the objective of reducing water consumption. The changes also replace the term “adapted plants” with “rainfall- ET_c compatible plants and native plants.” The former term is deemed difficult to enforce while that is not the case with the replacement, and the replacement term is not felt to change the intent of the requirements.

[Note to Reviewers: This addendum makes proposed changes to the 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 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 bj to 189.1-2017

Modify Section 6.3.1.1 as follows:

~~6.3.1.1. — **Landscape Design.** A minimum of 60% of the area of the *improved landscape* shall be in *biodiverse planting* of *native plants* and *rainfall- ET_c compatible plants*.~~

~~Exceptions to 6.3.1.1:~~

- ~~1. The area of dedicated athletic fields, golf courses, driving ranges, and areas dedicated for production of food for human consumption, shall be excluded from the calculation of the *improved landscape* for schools, *residential common areas*, or public recreational facilities.~~
- ~~2. Landscape areas irrigated solely with *alternate on-site sources of water* shall be exempt from these requirements.~~
- ~~3. Where average annual rainfall is less than 12 in. (300 mm), *plants* other than *turfgrass*, with an annual ET_c of 15 in. (380 mm) or less, shall be deemed equivalent to *rainfall- ET_c compatible plants*.~~

6.3.1.1 Irrigation Limitations. Not more than 40% of the *improved landscape* area shall be irrigated.

Exceptions to 6.3.1.1:

- 1) Dedicated athletic fields, golf courses, and driving ranges.
- 2) Areas dedicated for production of food for human consumption.
- 3) Burial grounds.
- 4) Landscape areas irrigated solely with *alternate on-site sources of water*.
- 5) Areas dedicated to *plants* with an annual ET_c of 15 in. (380 mm) or less, where average annual rainfall is less than 12 in. (300 mm).
- 6) Irrigation applied only during the *landscape establishment period*.

Modify Section 6.3.1.2.3 as follows:

6.3.1.2.3 Irrigation of Rainfall-ET_c Compatible Plants and Native Plants. ~~The use of potable water or reclaimed water for irrigation of adapted plants is prohibited after the landscape establishment period.~~ In-ground irrigation systems servicing ~~for rainfall-ET_c compatible plants or native plants~~ using potable or off-site treated *reclaimed water* are prohibited. After the *landscape establishment period* of ~~adapted plants, rainfall-ET_c compatible plants and native plants,~~ the irrigation system using *potable water* or *reclaimed water* shall be permanently disabled or removed from the site.

Exception to 6.3.1.2.3: ~~Areas identified~~ *Plants deemed equivalent to rainfall-ET_c compatible plants* by Section 6.3.1.1, Exception 35, shall be exempt from the requirements of Section 6.3.1.3.