

Public Review Draft

Proposed Addendum to Standard 189.1-2017

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

Second Public Review Draft (June 2020)
(Draft Shows Proposed Independent Substantive
Changes to Previous Public Review Draft)

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



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Foreword

This addendum modifies Sections 8.3.4 to improve soil-gas control requirements. The changes shown in this ISC were included in the first public review draft but were not properly marked in strikethrough/underline format. This draft shows changes relative to the first public review language.

[Note to Reviewers: This addendum makes proposed independent substantive changes to the previous public review draft. 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 previous public review draft 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 bo to 189.1-2017

Modify Section 8.3.4 as follows:

8.3.4 Soil-Gas Control. *Building projects* shall be designed to control soil-gas entry in accordance with Sections 8.3.4.1 or 8.3.4.2.

Exceptions to 8.3.4:

1. Buildings or portions thereof that are not routinely occupied, such as warehouses and open parking garages.
2. Ventilated garages that comply with ANSI/ASHRAE Standard 62.1, Sections 5.15 and 6.5.

8.3.4.1 Soil-Gas Control Systems. *Building projects shall comply with the design requirements of ANSI/AARST CC-1000, Sections 2 through 13, as modified by Section 8.3.4.1.1.*

8.3.4.1.1 Soil-Gas Retarders. Soil-gas retarder membranes shall comply with ASTM E1745, and shall be installed in accordance with ASTM E1643.