

**15-DAY EXPRESS TERMS  
FOR PROPOSED BUILDING STANDARDS  
OF THE DIVISION OF THE STATE ARCHITECT - STRUCTURAL SAFETY (DSA-SS)  
REGARDING THE 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE  
(CALGreen)  
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 11  
(DSASS-CC 07/18)**

The State agency shall draft the regulations in plain, straightforward language, avoiding technical terms as much as possible and using a coherent and easily readable style. The agency shall draft the regulation in plain English. A notation shall follow the express terms of each regulation listing the specific statutes authorizing the adoption and listing specific statutes being implemented, interpreted, or made specific (Government Code Section 11346.2(a)(1)).

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**LEGEND FOR EXPRESS TERMS**

1. New 45-day California amendments appear underlined.
  2. California 15-day amendments appear in ~~double-strikeout~~ and double underline.
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**NOTES FOR EXPRESS TERMS**

**Rationale:** The justification for the change is shown after the section.

**Notation:** Authority and reference citations are provided at the end of each chapter.

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**15-DAY EXPRESS TERMS**

**ITEM 7. DSA proposes new Section 5.107 requiring shade trees at public school and community colleges.**

**SECTION 5.107**  
**SHADE TREES**

**5.107.1 Shade trees. [DSA-SS]** Shade trees shall be planted to comply with Sections 5.107.1.1, 5.107.1.2, and 5.107.1.3. Percentages shown shall be measured at noon on the ~~spring equinox~~ summer solstice. Landscape irrigation necessary to establish and maintain tree health shall comply with Section 5.304.6.

**5.107.1.1 Surface parking areas.** Shade tree plantings, minimum #10 container size or equal, shall be installed to provide shade over 50% of the parking area within 15 years.

**Exceptions:** The surface parking area covered by solar photovoltaic shade structures, or shade structures with roofing materials that comply with Table A5.106.11.2.2 in Appendix A5, are not included in the total area calculation.

**5.107.1.2 Landscape areas.** Shade trees plantings, minimum #10 container size or equal, shall be shall be installed to provide shade over 20% of the landscape area within 15 years.

**Exception:** Playfields for organized sport activity are not included in the total area calculation.

**5.107.1.3 Hardscape areas.** Shade trees plantings, minimum #10 container size or equal, shall be shall be installed to provide shade over 20% of the hardscape area within 15 years.

**Exception:** Walks, hardscape areas covered by covered by solar photovoltaic shade structures, and hardscape areas covered by shade structures with roofing materials that comply with Table A5.106.11.2.2 in Appendix A5, are not included in the total area calculation.

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**Rationale:** Not all areas of California will have a full tree canopy to measure shade on the vernal equinox. Changing the day when the percentage of shade is measured to noon on the summer solstice takes into consideration all areas of California where a full tree canopy will be considered in the measurement of shade required.

**Notation:**

Authority: Education Code Sections 17280—17317 and 81130--81147

Reference(s): Education Code Sections 17310 and 81142