

Green Code

City of San Diego
2013 Green Building Regulations - Proposed Code Changes
(Revised 5/15/2015)

1. PREPLUMBING FOR GRAY WATER SYSTEMS

Require pre-plumbing for graywater in new residential buildings.

Text as it would appear in CGBSC

Section A4.305.1 Graywater. ~~Alternative plumbing piping is installed to permit the discharge from the clothes washer or other fixtures to be used for an irrigation system in compliance with the California Plumbing Code.~~ Alternative plumbing piping shall be installed in new residential buildings that are within the scope of the California Residential Code to permit the discharge of gray water in compliance with Section 1602 of the California Plumbing Code.

Text as it would appear in LDC

§1410.0105 **Modifications to the ~~2010~~ 2013 California Green Building Standards Code Adopted by the City of San Diego**

- (a) Section 5.106.8 Light pollution reduction non-residential buildings.
- (b) Sections 5.106.4.1 ~~and 5.710.6.2.1~~ Short-Term bicycle parking.
- (c) Sections 5.106.4.2 ~~and 5.710.6.2.2~~ Long-Term bicycle parking.
- (d) Sections 5.106.5.2 ~~and 5.710.6.3~~ Designated parking.

§1410.0107 **Adoption of Appendices to the ~~2010~~ 2013 California Green Building Standards Code**

Appendix Chapters to the California Green Building Standards Code are ~~not being adopted by the City of San Diego~~ adopted as follows.

(a) The Residential Voluntary measures of the California Green Building Standards code are adopted as follows.

(1) Appendix Chapter A.4, Residential Voluntary Measures Section A4.305.1 “Graywater”.

§1410.0403 Local Modifications to Section A4.305 “Water Reuse Systems” of the 2013 California Green Building Standards Code

(a) A4.305.1 “Graywater” of the California Green Building Standards Code is adopted with modifications pursuant to Sections 1410.0105 and 1410.0107 of the Land Development Code.

(b) Section A4.305.1 is adopted with the following modifications. Alternative plumbing piping shall be installed in new residential buildings that are within the scope of the California Residential Code to permit the discharge of gray water in compliance with Section 1602.1.1 of the California Plumbing Code.

Reason: This code change has been added to the requirements previously approved by the Board of Building Appeals and Advisors at their May 7, 2015 meeting and was presented at the May 21, 2015 meeting. This code change is necessary to encourage the reuse of water by removing plumbing obstacles in existing buildings. The City of San Diego is located in a semi-arid climatic area and is subject o frequent draught conditions. Residential irrigation is the largest source of water usage in single-family dwellings, two family dwellings and certain townhouses. This code change includes a companion amendment in Section 147.0216 that is proposed in the 2013 code cycle to add Section 1601.1.2

to the California Plumbing Code to provide a cross reference to Section 1410.0403 (d).

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3. **LIGHT POLLUTION REDUCTION**

Text as it would appear in LDC

§1410.0501 Light Pollution Reduction for Non-Residential Buildings

(a) Section 5.106.8 of the California Green Building Standards Code is adopted as modified pursuant to Section 1410.0105 of the San Diego Municipal Code in accordance with Section 1410.0501(b).

(b) 5.106.8 Light pollution reduction.

Outdoor lighting systems installed on non-residential buildings shall comply with the following requirements:

(1) The requirements in the California Energy Code for Lighting Zones 1-4 as defined in Chapter 10 of the California Administrative Code and identified on the City's adopted Map C-948 filed in the office of the City Clerk;

(2) Backlight, Uplight and Glare (BUG) ratings as defined in IESNA TM-15-11 for Lighting Zones referenced in Section 1410.0501(b)(1) shall not exceed those shown in Table 5.106.8 of the California Green Building Standards Code; and

(3) City of San Diego Outdoor Lighting Regulations in Section 142.0740 of the Land Development Code, including local requirements in Section 142.0740(c)(2) for shields and flat lenses and

requirements in Section 142.0740(c)(3) to minimize light trespass that are more restrictive than the California Green Building Standards Code.

~~(e) Section 5.106.8.1 of the California Green Building Standards Code is not adopted by the City of San Diego, pursuant to Section 1410.0104 of the San Diego Municipal Code.~~

Reason: Subsection (c) is being repealed since the State repealed Section 5.106.8.1 since the section set out a later effective date under the 2010 edition that has since passed.

4. BICYCLE PARKING SPACES NON-RESIDENTIAL

Text as it would appear in LDC

§1410.0505 Bicycle Parking Spaces and Facilities for Non-Residential Uses

- (a) Sections ~~5.106.4.1~~ 5.106.4.1.1, ~~5.106.4.2~~ 5.106.4.1.2, ~~5.710.6.2.1~~, ~~5.710.6.2.2~~ of the California Green Building Standards Code are adopted as modified pursuant to Section 1410.0105 of the San Diego Municipal Code in accordance with Sections 1410.0505(b) and 1410.0505(c).
- (b) Sections ~~5.106.4.1~~ 5.106.4.1.1 and ~~5.710.6.2.1~~ Short-Term bicycle parking. Non-residential *development* shall comply with Section 142.0530(e), which will result in more short-term bicycle parking spaces than otherwise required by the California Green Building Standards Code.
- (c) Sections ~~5.106.4.2~~ 5.106.4.1.2 and ~~5.710.6.2.2~~ Long-Term bicycle parking. Non-residential *development* shall comply with Section 142.0530(e), which will result in more long-

term bicycle parking spaces and facilities than otherwise required by the California Green Building Standards Code.

Reason: The 2013 edition of Calgreen has been reformatted so that Division 5.7, “Additions and Alterations to Existing Nonresidential Buildings” of the Non-residential Mandatory Provisions has been deleted due to adoption of Section 301.3 Additions and Alterations. Duplicate requirements for bicycle parking were as a result deleted.

5. **PARKING CARPOOL VEHICLES AND ZERO EMISSIONS VEHICLES NON-RESIDENTIAL**

Text as it would appear in LDC

§1410.0510 Designated Parking Spaces for Carpool Vehicles and Zero Emissions Vehicles for Non-Residential Uses

- (a) Sections 5.106.5.2 and ~~5.710.6.3~~ of the California Green Building Standards Code are adopted as modified pursuant to Section 1410.0105 of the San Diego Municipal Code in accordance with Section 1410.0510(b).
- (b) Sections 5.106.5.2 and ~~5.710.6.3~~ Designated parking. Non-residential *development* shall comply with Section 142.0530(d), which will result in more designated parking spaces for low-emitting, fuel-efficient and carpool/vanpool vehicles than otherwise required by the California Green Building Standards Code.

Reason: The 2013 edition of Calgreen has been reformatted so that Division 5.7, “Additions and Alterations to Existing Nonresidential Buildings” of the Non-residential Mandatory Provisions has been deleted due to adoption of Section 301.3 Additions and Alterations. Duplicate requirements for carpool vehicles and zero emissions vehicles were as a result deleted.