





303 East B Street, Civic Center, Ontario, CA 91764

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## RESIDENTIAL CORRECTION LIST (2010 CALGreen with July 1, 2012 supplement)

Plan Check No. B2011	Review No:	Plan Check Expiration Date: 1 year from submittal	
Site Address:		Number of Story:	
Project Description:		Area square feet:	
Type of Occupancy:		High wind region:	
Type of Construction:		Part 150 area:	

Applicant:	Phone:
Owner:	Phone:
Architect/Engineer/Draftsman:	Phone:

Reviewed by: Ganda, Setiawan Date:	Ph: (909)395-2174, e-mail: sganda@ci.ontario.ca.us
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## **INSTRUCTIONS:**

- ⇒ Numbers in bracket [] refer to code sections of 2010 California Green Buildings Standards Code (CALGreen) with July 1, 2012 supplement.
- ⇒ Correct original drawings. Reprint and submit <u>2 new sets</u> together with the "marked-up" set. Return this corrections list with corrected plans.
- ⇒ In the Respond column, please indicate the sheet number and detail or note number on the plan where the corrections are made.
- ⇒ Itemize any changes, revisions, or additions made to drawings that are not a direct answer to a correction on a separate sheet.
- ⇒ Additional plan check fee will be required <u>after third review</u> on hourly rate basis.

Item#	Sheet #	Correction Requested	Respond
1		Show the correct address of building on plans.	
2		Show the name and address of the owner and person preparing the	
		plan.	
3		Indicate on plan the applicable current codes:	
		• 2010 California Green Building Standards Code (CALGreen)	
		with July 1, 2012 supplement.	
		• 2008 Building Energy Efficiency Standards (BEES)	
4		Provide an index of drawings on the cover sheet of plans.	
5		Every newly constructed low-rise residential building (3 stories or	
		less, or one- or two-family dwelling or townhouse) must show	
		compliance with 2010 CALGreen [101.3 & 202]. Print on plan the	
		required mandatory measures.	
6		Because of special conditions, the City may require the construction	

	documents to be prepared by a licensed design professional. [102.1]	
7	The construction documents shall provide sufficient clarify to indicate	
	the location, nature, and scope of the proposed green building	
	features. [102.2]	
8	Plans shall indicate method of verification of compliance with all	
	CALGreen requirements. Third party or other methods shall	
	demonstrate satisfactory conformance with mandatory measures.	
	Include City's Mandatory Measures Checklist copies onto plans.	
9	In mixed occupancy buildings, each portion of a building shall	
	comply with the specific green building measures applicable to each	
	specific occupancy.	
10	<b>Storm Water Drainage and Retention</b> [4.106.2]:	
	Submit storm water drainage plans for projects < 1 ac. Plans shall	
	indicate how to manage storm water drainage during construction	
	utilizing one or more of the following measures:	
	a) Use of retention basins of sufficient size to retain storm	
	water on-site.	
	b) By filtering storm water with a barrier system, wattle, or	
	other approved method when storm water is conveyed to a	
	public drainage system, collection point, gutter, or similar	
	disposal method.	
	c) By complying with a lawfully enacted storm water management ordinance.	
11	Surface drainage [4106.3]:	
11	Submit surface drainage plans to indicate how surface water shall not	
	enter buildings. Examples of methods to manage surface water	
	include:	
	a) Swales	
	b) Water collection and disposal systems	
	c) French Drains	
	d) Water retention gardens	
	e) Other water measures which keep surface water away from	
	buildings and aid in groundwater recharge.	
12	Provide documentation to indicate the project meets the requirements	
	of State mandatory energy efficiency standards. [4.201.1]	
13	Illustrate that <b>potable water</b> use is reduced by at least 20 percent	
	[4.303.1]. Indicate the method of compliance, either prescriptive or	
	performance. Note: Residential reduction is effective on July 1, 2011.	
14	Provide "Baseline Water Use" document (WS-1)	
15	Provide 20% Reduction Water Use document (WS-2)	
16	Both WS-1 and WS-2 shall be submitted as part of the plan check	
	approval process.	
17	Indicate on plans method of showing field verification either by	
	installer or third party.	
18	Plumbing fixtures and fittings shall meet the standards referenced in	
	Table 4.303.3. [4.303.3]	
19	Irrigation controllers installed at the time of final inspection shall	
	meet the requirements of Section 4.304.1:	
	a) Indicate on the plans the type of controllers and the location.	
	b) Note: Fields verify controller installation when the	
	controllers are installed by the contractor at time of building	
20	final.	
20	Seal <b>openings</b> in the building envelope in compliance with the 2008	
	Building Energy Efficiency Standards. Annular spaces around pipes,	
	electric cables, conduits or other openings in plates at exterior walls	
	shall be protected against the passage of rodents by closing such	

	openings with cement mortar, concrete masonry, or a similar method	
21	acceptable to the enforcing agency. [4.406.1]	
21	Reduce <b>construction waste</b> by recycling or salvaging for reuse a	
	minimum of 50 percent of the nonhazardous construction and demolition debris, or meet the local construction and demolition	
	waste management ordinance, whichever is more stringent. [4.408.1]	
22	Submit a <b>construction waste management plan</b> in conformance	
22	with section 4.408.2 items 1 through 5:	
	a) Identifies the construction and demolition waste materials to	
	be diverted from disposal by recycling, reuse on the project	
	or salvage for future use or sale.	
	b) Specifies if construction and demolition waste materials will	
	be sorted on-site (source –separated) or bulk mixed (single	
	stream).	
	c) Identifies diversion facilities where the construction and	
	demolition waste material will be taken.	
	d) Identifies construction methods employed to reduce the	
	amount of construction and demolition waste generated.	
	e) Specifies that the amount of construction and demolition	
	waste materials diverted shall be calculated by weight or	
	volume, but not by both.	
23	Utilize a waste management company, approved by the enforcing	
	agency, which can provide verifiable documentation that diverted	
	construction and demolition waste materials meet the requirements in	
	Section 4.408.1. [4.408.3]	
24	Projects that generate a total combined weight of construction and	
	demolition waste disposed in landfills, which do not exceed 4 lbs/sqft	
	of the building area shall meet the minimum 50% construction waste	
	reduction requirement in Section 4.408.1. [4.408.4]	
25	Submit <b>documentation</b> demonstrating compliance with Section	
	4.408.2 Items 1 through 5, section 4.408.3, or Section 4.408.4.	
	[4.408.5].	
26	Note on the drawings that an Operation and Maintenance Manual	
	with content per 4.410.1 and in a format acceptable to the enforcing	
	agency shall be placed in the building at the time of final inspection	
	[4.410.1]. Refer to HCD residential guide for manual format and	
27	suggested content.	
27	Gas <b>fireplaces</b> to be direct-vent sealed-combustion type. <b>Woodstoves</b> or pellet stoves shall comply with U.S. EPA Phase II	
	emission limits [4.503.1]. Note: reference SCAQMD Rule 445.	
28	All <b>duct openings</b> and other air distribution component openings	
20	shall be protected during storage on the construction site until final	
	start-up with tape, plastic, sheet metal, or other acceptable methods to	
	reduce the amount of dust and debris which may collect in the system.	
	[4.504.1]	
29	Finish materials shall comply with this section:	
	Adhesives, adhesive bonding primers, adhesive primers, sealants,	
	sealant primers, and caulks shall comply with local or regional air	
	pollution control or air quality management district rules where	
	applicable or meet the requirement of SCAQMD Rule 1168 VOC	
	limits, as shown in Table 4.405.1 or 4.405.2 and prohibition on the	
	use of certain toxic compounds, except for aerosol products per	
	subsection 2. [4.504.2.1, subsection 1]	
30	Note on the plans that <b>aerosol</b> adhesives, smaller unit sizes of	
	adhesives, and sealant or caulking compounds (in units of product,	
	less packing, which do not weigh more than 1 pound and do not	

	consist of more than 16 fluid ounces shall comply with statewide	
	VOC standards and other requirements, including prohibitions on the	
	use of certain toxic compounds, of CCR, Title 17, commencing with	
	Section 94507. [4.504.2.1, subsection 2]	
31	VOC Content Limits for Architectural Coatings (Architectural	
	Paints) shall comply with Table 4.504.3.	
32	Aerosol paints and coatings shall meet the requirements of Sections	
	94522(a)(3), 94522(c)(2), and (d)(2) of California Code of	
	Regulations, Title 17 commencing with Section 94520. [4.504.2.3]	
33	<b>Verification</b> of compliance with finish materials shall be provided at	
	the request of the enforcing agency. Documents may include, but not	
	limited to the following:	
	a) Manufacturer's product specification.	
	b) Field verification of on-site product containers.	
34	Carpets shall meet one of the following [4.504.3]:	
	a) Carpet and Rug Institute's Green Label Plus Program.	
	b) California Department of Public Health, "Standard Method	
	for the Testing and Evaluation of Volatile Organic Chemical	
	Emissions from Indoor Sources Using Environmental	
	Chambers," Version 1.1, February 2010 (also known as	
	Specification 01350).	
	c) NSF/ANSI 140 at the Gold Level.	
	d) Scientific Certifications Systems Indoor Advantage <sup>TM</sup> Gold.	
35	Carpet cushion shall meet the requirements of the Carpet and Rug	
33	Institute Green Label Program [4.504.3.1].	
	Carpet adhesive shall meet the requirements of Table 4.504.1	
26	[4.504.3.2].	
36	Where <b>resilient flooring</b> is installed, at least 50% of floor area	
	receiving resilient flooring shall comply with one or more of the	
	following:	
	a) VOC emission limits defined in the Collaborative for High	
	Performance Schools (CHPS) High Performance Products	
	Database.	
	b) Products compliant with CHPS criteria certified under the	
	Greenguard Children & Schools program.	
	c) Certification under the Resilient Floor Covering Institute	
	(RFCI) FloorScore program.	
	d) Meet the California Department of Public Health, "Standard	
	Method for the Testing and Evaluation of Volatile Organic	
	Chemical Emissions from Indoor Sources Using	
	Environmental Chambers", Version 1.1, February 2010 (also	
	known as Specification 01350.)	
37	Composite wood products (hardwood plywood, particleboard, and	
	medium density fiberboard) shall meet the requirements for	
	Formaldehyde Limits in Table 4.504.5. [4.504.5]	
38	Verification of compliance with Section 4.504.5.1 shall be provided at	
	the request of the enforcing agency. Documentation shall include at	
	least one of the following:	
	a) Product certifications and specifications.	
	b) Chain of custody certifications.	
	c) Products labeled and invoiced as meeting the Composite	
	Wood products regulation (see CCR, Title 17, Section	
	93120, et seq.)	
	d) Exterior grade products marked as meeting the PS-1 or PS-2	
	standards of the Engineered Wood Association, the	
	Australian AS/NZS 2269 or European 6363S standards.	
	Australian Ab/1126 2207 of European 03036 standards.	

	e) Other methods acceptable to the enforcing agency.	
39	Concrete slab <b>foundations</b> or concrete slab-on-ground floors required	
37	to have a vapor retarder by CBC chapter 19 or CRC chapter 5 shall	
	also comply with this section. Provide a Capillary Break installed in	
	compliance with one of the following [4.505.2.1]:	
	a) A 4-inch thick base of 1/2-inch or larger clean aggregate,	
	with a vapor barrier in direct contact with concrete, and a	
	concrete mix design which will address bleeding, shrinkage,	
	and curling. Reference ACI 302.2R-06.	
	b) Other equivalent methods approved by the enforcing agency.	
40	c) A slab design specified by a licensed design professional.	
40	Add a note to plans the building materials with visible signs of water	
4.1	damage shall not be installed. [4.505.3]	
41	Moisture content of Building Materials, and verification, shall meet	
	the requirements of 4.505.3.	
42	Bathroom exhaust fans shall be ENERGY STAR compliant, ducted	
	to terminate outside the building, and controlled by a humidstat	
	capable of being adjusted between the relative humidity range of 50	
	to 80 percent. A humidity control may be a separate component to	
	the exhaust fan and is not required to be integral (i.e. built-in).	
	[4.506.1]	
43	Whole house exhaust fans shall have insulated louvers or covers	
	which close when the fan is off. Covers or louvers shall have a	
	minimum insulation value of R-4.2. [4.507.1]	
44	Heating and air conditioning systems shall be sized, designed, and	
	equipment selected using the following methods:	
	a) The heat loss and heat gain is established according to	
	ANSI/ACCA 2 Manual J - 2004 (Residential Load	
	Calculation), ASHRAE handbooks or other equivalent	
	design software or methods.	
	b) Duct systems are sized according to ANSI/ACCA 1 Manual	
	D - 2009 (Residential Duct Systems), ASHRAE handbooks	
	or other equivalent design software or methods.	
	c) Select heating and cooling equipment according to	
	ANSI/ACCA 3 Manual S - 2004 (Residential Equipment	
	Selection) or other equivalent design software or methods.	
	Exception: Use of alternate design temperatures necessary to ensure	
	the system functions are acceptable.	
15	HVAC system installers shall be trained and certified in the proper	
45	installation of HVAC systems and equipment by a recognized training	
	or certification program. Examples of acceptable HVAC training and	
	certification programs include but are not limited to the following	
	[702.1]:	
	a) State certified apprenticeship programs.	
	b) Public utility training programs.	
	c) Training programs sponsored by trade, labor or statewide	
	energy consulting or verification organizations.	
	d) Programs sponsored by manufacturing organizations.	
	e) Other programs acceptable to the enforcing agency.	
46	Special inspection maybe required for certification of all <i>CALGreen</i>	
	features in the plans and listed on Mandatory Measures Lists [702.2].	
	Submit the name and qualifications of the person or persons	
	anticipated to perform the inspections.	
	() The following credentials are required	
	() An oral () and written exam is required to obtain the special	
	inspection credential.	

47	Submit the following forms/worksheets [703.1]:  a) WS-1, Baseline Water Use.  b) WS-2, 20% Reduction Water Use.  c) Construction waste management plan.	
	ADDITIONAL CORRECTIONS:	