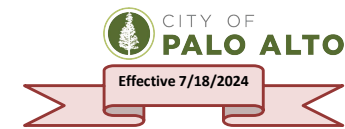


Green Building for Residential New Construction, Additions, and/or Alterations

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New Residential Construction Projects and Substantial Remodel Projects

Project Condition	Requirement	Compliance Schedule & Instructions
<input type="checkbox"/> New multi-family new single-family and new ADU construction projects of any size. ^{1,2} (CBC, Part 11.301.1, PAMC 16.14.080)	CALGreen Mandatory + Tier 2⁴ AND Full Electrification of Outdoor Appliances Full electrification is required for outdoor grills, stoves, and barbecues. ³	Planning Phase: Complete a preliminary Green Building Checklist "GB-1 Residential Mandatory Plus Tier 2" sheet and include in Planning Application. (Only Projects Subject to Planning) Permit Phase: Complete Green Building Checklist "GB-1 CALGreen Mandatory Plus Tier 2" sheet and include within Permit Plans. The design must be third-party verified by a Green Building Special Inspector. Complete Green Building Survey. Insert an image of the completed Green Building Survey on the "Notes" section of the "GB-1" sheet. Inspection Phase: Complete construction phase requirements as identified on the "GB-1 Res Mandatory Plus Tier 2" Sheet in the Permit Plans. Projects are subject to the Residential Green Building Inspection Guidelines. Construction activities must be third-party verified by a Green Building Special Inspector as identified in the Residential Green Building Inspection Guidelines.
<input type="checkbox"/> 50-50-50 Rule: Substantial Remodel ^{1,2} Includes: 1) removal or replacement of 50% or more of the linear length of the existing exterior walls of the building, and/or 2) 50% or more of the linear length of the existing exterior wall plate height is raised, and/or 3) 50% or more of the existing roof framing area is removed or replaced, over a 3-year period. (PAMC 16.14.080 Section 301.2.1)	CALGreen Mandatory + Tier 2⁴ AND Full Electrification of Outdoor Appliances Full electrification is required for outdoor grills, stoves, and barbecues. ³	Planning Phase: Complete a preliminary Green Building Checklist "GB-1 Residential Mandatory" sheet and include in Planning Application. (Only Projects subject to Planning) Permit Phase: Complete Green Building Checklist for CALGreen Mandatory and include a "GB-1 Residential CALGreen Mandatory Plus Tier 2" Sheet in the Permit Plans. The design must be third-party verified by a Green Building Special Inspector. Complete Green Building Survey. Insert an image of the completed Green Building Survey on the "Notes" section of the "GB-1" sheet. Inspection Phase: Complete construction phase requirements as identified on the within "GB-1 Res Mandatory" Sheet in the Permit Plans. Projects are subject to the Residential Green Building Inspection Guidelines.

¹In mixed use occupancy buildings, each portion of a building shall comply with the specific green building measures applicable to each specific occupancy per CGBC 302.1.

²For application of green building requirements, square footage refers to all new or altered square footage, including basement areas (7 feet or greater in height), as calculated based on outer boundary of proposed construction area, including exterior walls.

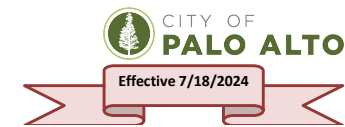
³Includes new outdoor appliances/equipment such as grills, stoves, and barbecues. (Section 4.106.5)

⁴Green Building Special Inspectors must be selected from the Development Services preapproved list of Green Building Special Inspectors.

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Residential Alteration and Addition Projects

Project Condition	Requirement	Compliance Schedule & Instructions
<input type="checkbox"/> Alterations and additions¹ of multi-family or single-family construction projects less than 1,000 sq. ft. AND the scope increases the building's conditioned area, volume, or size.⁶ (CBC, Part 11.301.3, PAMC 16.14.080) ² ⁴	CALGreen Mandatory⁵	<p>Planning Phase: Complete a preliminary Green Building Checklist "GB-1 Residential Mandatory" sheet and include in Planning Application. (Only Projects subject to Planning)</p> <p>Permit Phase: Complete Green Building Checklist for CALGreen Mandatory and include a "GB-1 Residential CALGreen Mandatory" Sheet in the Permit Plans. Complete Green Building Survey. Insert an image of the completed Green Building Survey on the "Notes" section of the "GB-1" sheet. The design must be third-party verified by a Green Building Special Inspector. Complete Green Building Survey. Insert an image of the completed Green Building Survey on the "Notes" section of the "GB-1" sheet.</p> <p>Inspection Phase: Complete construction phase requirements as identified on the within "GB-1 Res Mandatory" Sheet in the Permit Plans. Projects are subject to the Residential Green Building Inspection Guidelines.</p>
<input type="checkbox"/> Alterations and/or additions⁶ of Attached and Detached Accessory Dwelling Units, and ADU Conversions of Existing Structures (CGBC 301.1.1, PAMC 16.14.080)	CALGreen Mandatory⁵	<p>Planning Phase: Complete a preliminary Green Building Checklist "GB-1 Residential Mandatory" sheet and include in Planning Application. (Only Projects subject to Planning)</p> <p>Permit Phase: Complete Green Building Checklist for CALGreen Mandatory and include a "GB-1 Residential CALGreen Mandatory" Sheet in the Permit Plans. Complete Green Building Survey. Insert an image of the completed Green Building Survey on the "Notes" section of the "GB-1" sheet. The design must be third-party verified by a Green Building Special Inspector. Complete Green Building Survey. Insert an image of the completed Green Building Survey on the "Notes" section of the "GB-1" sheet.</p> <p>Inspection Phase: Complete construction phase requirements as identified on the within "GB-1 Res Mandatory" Sheet in the Permit Plans. Projects are subject to the Residential Green Building Inspection Guidelines.</p>
<input type="checkbox"/> Alterations and/or additions³ of multi-family or single-family construction projects greater than 1,000 sq. ft.⁶ (CBC, Part 11.301.3, PAMC 16.14.080) ² ⁴	CALGreen Mandatory + Tier 1⁷ with local amendments⁵	<p>Planning Phase: Complete a preliminary Green Building Checklist "GB-1 Residential Mandatory CALGreen Plus Tier 1" sheet and include in Planning Application. (Only Projects subject to Planning)</p> <p>Permit Phase: Complete Green Building Checklist "GB-1 Residential CALGreen Mandatory Plus Tier 1" sheet and include within the Permit Plans. The design must be third-party verified by a Green Building Special Inspector. Complete Green Building Survey. Insert an image of the completed Green Building Survey on the "Notes" section of the "GB-1" sheet. The design must be third-party verified by a Green Building Special Inspector. Complete Green Building Survey. Insert an image of the completed Green Building Survey on the "Notes" section of the "GB-1" sheet.</p> <p>Inspection Phase: Complete construction phase requirements as identified on the "GB-1 Res Mandatory" Sheet in the Permit Plans. Projects are subject to the Residential Green Building Inspection Guidelines. Construction activities must third-party verified by a Green Building Special Inspector as identified in the Residential Green Building Inspection Guidelines.</p>

¹ For projects that trigger CALGreen Mandatory only (and not Tier 1 or Tier 2), provisions of CALGreen Chapter 4 shall be applied to additions or alterations of existing residential buildings where the addition or alteration increases the building's conditioned area, volume, or size. ² of 4

Green Building for Residential New Construction, Additions, and/or Alterations

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Effective 7/18/2024

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² In mixed use occupancy buildings, each portion of a building shall comply with the specific green building measures applicable to each specific occupancy per CGBC 302.1.

³ Alteration projects that trigger CALGreen Tier 1 must also fulfill all the mandatory provisions of CALGreen Chapter 4.

⁴ Residential buildings undergoing permitted alterations, additions, or improvements shall replace noncompliant plumbing fixtures with water-conserving plumbing fixtures. Civil Code Section

⁵ Green Building Special Inspectors must be selected from the Development Services preapproved list of Green Building Special Inspectors.

⁶ Square footage means all new and replacement square footage, including basement areas (7 feet or greater in height).

⁷ Alterations include raising the plate height, historic restoration, changes or rearrangements of the structural parts or elements, and changes or rearrangement of bearing walls and full height

Electric Vehicle Supply Equipment (EVSE) Requirements

Project Condition	Requirement	Compliance Schedule & Instructions
<input type="checkbox"/> New One-Family, Two-Family, and Townhouse Residential Construction (PAMC 16.14.160, A4.106.8.1)	The property owner shall provide One (1) Level 2 electrical vehicle supply equipment (EVSE) or one (1) EV ready space ³ (Low Power Level 2 EV Charging Receptacle ⁵ is acceptable provided that the infrastructure comply with section 4.106.4.1) for each residence (except for accessory dwelling unit (ADU)). See ordinance language for additional details. ¹	<p>Planning Phase: Declare the EV requirements on the preliminary Green Building Checklist "GB-1" sheet and include in Planning Application. Show EVSE ready location at single-family dwelling. (Only Projects subject to Planning)</p> <p>Permit Phase: Complete Green Building Checklist and include and references on the "GB-1" within the Permit Plans. Declare the EV requirements on the Green Building Checklist "GB-1" sheet and include in Permit Plans. Show "EV" or "EV-Ready" location on the Permit Plans.</p> <p>Inspection Phase: Subject to the activities listed on the Electric Vehicle Supply Equipment Checklist.</p>
<input type="checkbox"/> New Multi-Family Residential Construction (PAMC 16.14.160, A4.106.8.2)	<p>Resident parking. The property owner shall provide at least one EVSE-Ready Outlet⁵ or EVSE Installed⁶ for each residential unit in the structure among which at least 10% (and no fewer than one) shall be EVSE Installed. (Low Power Level 2 EV Charging Receptacle is acceptable for 60% of the total EV parking spaces).</p> <p>Guest parking. The property owner shall provide Conduit Only⁴, EVSE-Ready Outlet⁵, or EVSE Installed³, for at least 25% of guest parking spaces, among which at least 10% (and no fewer than one) shall be EVSE Installed³. See ordinance language for additional details.^{1,2}</p> <p>Accessible spaces. Projects shall comply with the California Building Code requirements for accessible electric vehicle parking.</p>	<p>Planning Phase: Declare the EV requirements on the preliminary Green Building Checklist "GB-1" sheet and include in Planning Application. Show EVSE calculations within the parking analysis. Show "EV Capable" or "EVSE-Ready", and "Level 2 EVSE installed" on parking plan. Use the EVSE calculator² for compliance assistance. (Only Projects subject to Planning)</p> <p>Permit Phase: Complete Green Building Checklist and include and references on the "GB-1" within the Permit Plans. Declare the EV requirements on the Green Building Checklist "GB-1" sheet and include in Permit Plans. Show EVSE calculations within the parking analysis. Label applicable parking spaces "EV Capable" or "EVSE-Ready", and "Level 2 EVSE installed" on parking plan (see ordinance language for definitions). Use the EVSE calculator² for compliance assistance.</p> <p>Inspection Phase: Subject to the activities listed on the Electric Vehicle Supply Equipment Checklist.</p>

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<p>Electric Vehicle Charging for Additions and Alterations of Parking Facilities Serving Existing Multifamily Buildings.</p> <p>(CBC Part 11, Sec. 4.106.4.3)</p>	<p>Work to existing multi-family buildings that include the addition of a new parking facility, or addition or alteration of electrical systems or lighting of existing parking facilities and requires a building permit, must include 10% EV Capable Spaces⁶ and “EV CAPABLE” labeling on the service panel or subpanel for the total number of actual parking spaces being added or altered.²</p>	<p>Planning Phase: Declare the EV requirements on the preliminary Green Building Checklist “GB-1” sheet and include in Planning Application. Show EVSE calculations within the parking analysis. Show “EV Capable” or “EVSE-Ready”, and “Level 2 EVSE installed” on parking plan. Use the EVSE calculator² for compliance assistance. (Only Projects subject to Planning)</p> <p>Permit Phase: Complete Green Building Checklist and include and references on the “GB-1” within the Permit Plans. Declare the EV requirements on the Green Building Checklist “GB-1” sheet and include in Permit Plans. Show EVSE calculations within the parking analysis. Label applicable parking spaces “EV Capable” or “EVSE-Ready”, and “Level 2 EVSE installed” on parking plan (see ordinance language for definitions). Use the EVSE calculator² for compliance assistance.</p> <p>Inspection Phase: Subject to the activities listed on the Electric Vehicle Supply Equipment Checklist.</p>
<p>□ New Hotel Construction</p> <p>(PAMC 16.14.160, A4.106.8.3)</p>	<p>The property owner shall provide at least 40% EV Ready Space³ and at least 10% Level 2 EVSE installed⁴ of the total parking spaces. See ordinance language for additional details.¹</p>	<p>Planning Phase: Declare the EV requirements on the preliminary Green Building Checklist “GB-1” sheet and include in Planning Application. Show EVSE calculations within the parking analysis. Show “EV Capable” or “EVSE-Ready”, and “Level 2 EVSE installed” on parking plan. Use the EVSE calculator² for compliance assistance. See ordinance language for additional details. (Only Projects subject to Planning)</p> <p>Permit Phase: Complete Green Building Checklist and include and references on the “GB-1” within Permit Plans. Declare the EV requirements on the Green Building Checklist “GB-1” sheet and include in Permit Plans. Show EVSE calculations within the parking analysis. Label applicable parking spaces “EVSE Installed” and “EVSE Ready on parking plan (see ordinance language for definitions). Use the EVSE calculator² for compliance assistance. See ordinance language for additional details.</p> <p>Inspection Phase: Subject to the activities listed on the Electric Vehicle Supply Equipment Checklist.</p>

¹ Projects are subject to the requirements outlined in PAMC 16.14. See Development Services webpage for ordinance language.

² For the EVSE Calculator location, see Green Building Compliance on the Development Services webpage.

³ Electric Vehicle (EV) Ready Space. [HCD] A vehicle space which is provided with a branch circuit; any necessary raceways, both underground and/or surface mounted; to accommodate EV charging, terminating in a receptacle or a charger.

⁴ Electric Vehicle Supply Equipment (EVSE) includes the conductors, including the ungrounded, grounded and equipment grounding conductors and the electric vehicle connectors, attachment plugs, and all other fittings, devices, power outlets or apparatus installed specifically for the purpose of transferring energy between the premises

⁵ Low Power Level 2 Electric Vehicle (EV) Charging Receptacle. [HCD] A 208/240-volt 20- ampere minimum branch circuit and a receptacle for use by an EV driver to charge their electric vehicle or hybrid electric vehicle.

⁶ Electric Vehicle (EV) Capable Space. A vehicle space with electrical panel space and load capacity to support a branch circuit and necessary raceways, both underground and/or surface mounted, to support EV charging.