

**TIER 1 AND TIER 2 VOLUNTARY REQUIREMENTS CHECKLIST  
RESIDENTIAL BUILDINGS  
(INCORPORATE THIS FORM INTO THE PLANS ALONG WITH THE  
MANDATORY REQUIREMENTS CHECKLIST)**

Project Address: \_\_\_\_\_

Date: \_\_\_\_\_

ITEM #	CODE SECTION	REQUIREMENT	REFERENCE SHEET Sheet # or N/A	COMMENTS e.g. note #, detail # or reason for N/A
<b>PLANNING AND DESIGN</b>				
<b>PREREQUISITES</b>				
1	A4.106.2.3	Topsoil protection		
2	A4.106.4	Water permeable surfaces		
3	A4.106.5	Cool roof for reduction of heat island effect		
<b>ELECTIVES (CHOOSE AT LEAST 2 FOR TIER 1 AND 4 FOR TIER 2)</b>				
4	A4.103.1	Site selection		
5	A4.103.2	Community connectivity		
6	A4.104.1	Supervision and education		
7	A4.105.2	Reuse of materials		
8	A4.106.2.1	Soil analysis		
9	A4.106.2.2	Soil protection		
10	A4.106.3	Landscape design		
11	A4.106.7	Reduction of heat island effect for nonroof areas		
12	A4.106.8	Electric vehicle (EV) charging		
13	A4.106.9	Bicycle parking		
14	A4.106.10	Light pollution reduction [high-rise only]		
<b>ENERGY EFFICIENCY</b>				
<b>PREREQUISITES</b>				
15	A4.203	Energy performance		
<b>ELECTIVES (CHOOSE AT LEAST 4 FOR TIER 1 AND 6 FOR TIER 2)</b>				
16	A4.205.1	Radiant roof barriers		
17	A4.205.2	Window shading		
18	A4.206.1	Reduced infiltration		
19	A4.207.1	Innovative systems		
20	A4.207.2.1	Commissioning of hvac systems		
21	A4.207.2.3	Commissioning checklist		
22	A4.207.4	Gas-fired heating equipment		
23	A4.207.5	Heat pumps		
24	A4.207.6	Cooling equipment		
25	A4.207.7	Ducts location		

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			Sheet # or N/A	e.g. note #, detail # or reason for N/A
26	A4.207.8	Duct leakage		
27	A4.207.9	Whole house fans		
28	A4.207.10	Ceiling fans		
29	A4.208.1	Tank type water heater efficiency		
30	A4.208.2	Tankless water heater efficiency		
31	A4.208.3	Distribution systems		
32	A4.209.1	Lighting		
33	A4.211.1	New solar homes partnership		
34	A4.211.2	Solar water heating system		
35	A4.211.3	Space for future solar installation		
<b>WATER EFFICIENCY AND CONSERVATION</b>				
<b>PREREQUISITES</b>				
36	A4.304.3	Water budget		
37	A4.304.4	Potable water reduction		
<b>ELECTIVES (CHOOSE AT LEAST 2 FOR TIER 1 AND 3 FOR TIER 2)</b>				
38	A4.303.1	Kitchen faucets		
39	A4.303.2	Alternate water sources for nonpotable applications		
40	A4.303.3	Appliances		
41	A4.303.4	Nonwater supplied urinals and waterless toilets		
42	A4.304.1	Low-water consumption irrigation system		
43	A4.304.2	Rainwater catchment systems		
44	A4.304.6	Irrigation metering devices		
45	A4.304.5	Potable water elimination		
46	A4.305.1	Graywater		
47	A4.305.2	Recycled water piping		
48	A4.305.3	Recycled water for landscape irrigation		
<b>MATERIAL CONSERVATION &amp; RESOURCE EFFICIENCY</b>				
<b>PREREQUISITES</b>				
49	A4.403.2	Reduction in cement use		
50	A4.405.3	Recycled content		
51	A4.408.1	Enhanced construction waste reduction		
<b>ELECTIVES (CHOOSE AT LEAST 2 FOR TIER 1 AND 4 FOR TIER 2)</b>				
52	A4.404.2	Efficient framing techniques		
53	A4.404.3	Building systems		
54	A4.404.4	Pre-cut materials and details		
55	A4.405.1	Prefinished building materials		
56	A4.405.2	Concrete floors		
57	A4.405.4	Use of building materials from renewable sources		
58	A4.407.1	Drainage around foundations		

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59	A4.407.2	Roof drainage		
60	A4.407.6	Door protection		
61	A4.407.7	Roof overhangs		
<b>ENVIRONMENTAL QUALITY</b>				
<b>PREREQUISITES</b>				
62	A4.504.2	Resilient flooring systems		
63	A4.504.3	Thermal insulation		
<b>ELECTIVES (CHOOSE AT LEAST 1 FOR TIER 1 AND TIER 2)</b>				
64	A4.504.1	Compliance with formaldehyde limits		
65	A4.506.1	Filters		
66	A4.506.2	Construction filter [high-rise only]		
67	A4.506.3	Direct-vent appliances		