

**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	Performance approach for new buildings		
16	A4.203.1.1.1	– Energy design rating		
17	A4.203.1.1.2	– Quality insulation installation (QII)		
18	A4.203.1.1.3	– Lighting		
19	A4.203.1.2	– Performance standard		
20	A4.204	Performance approach for additions and alterations		
21	A4.204.1.1.1	– Lighting		
22	A4.204.1.2	– Performance standard		
<b>WATER EFFICIENCY AND CONSERVATION</b>				
<b>PREREQUISITES</b>				
23	A4.304.3	Water budget		
24	A4.304.4	Potable water reduction		

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<b>ELECTIVES (CHOOSE AT LEAST 2 FOR TIER 1 AND 3 FOR TIER 2)</b>				
25	A4.303.1	Kitchen faucets		
26	A4.303.2	Alternate water sources for nonpotable applications		
27	A4.303.3	Appliances		
28	A4.303.4	Nonwater supplied urinals and waterless toilets		
29	A4.304.1	Low-water consumption irrigation system		
30	A4.304.2	Rainwater catchment systems		
31	A4.304.6	Irrigation metering devices		
32	A4.304.5	Potable water elimination		
33	A4.305.1	Graywater		
34	A4.305.2	Recycled water piping		
35	A4.305.3	Recycled water for landscape irrigation		
<b>MATERIAL CONSERVATION &amp; RESOURCE EFFICIENCY</b>				
<b>PREREQUISITES</b>				
36	A4.403.2	Reduction in cement use		
37	A4.405.3	Recycled content		
38	A4.408.1	Enhanced construction waste reduction		
<b>ELECTIVES (CHOOSE AT LEAST 2 FOR TIER 1 AND 4 FOR TIER 2)</b>				
39	A4.404.2	Efficient framing techniques		
40	A4.404.3	Building systems		
41	A4.404.4	Pre-cut materials and details		
42	A4.405.1	Prefinished building materials		
43	A4.405.2	Concrete floors		
44	A4.405.4	Use of building materials from renewable sources		
45	A4.407.1	Drainage around foundations		
46	A4.407.2	Roof drainage		
47	A4.407.6	Door protection		
48	A4.407.7	Roof overhangs		
<b>ENVIRONMENTAL QUALITY</b>				
<b>PREREQUISITES</b>				
49	A4.504.2	Resilient flooring systems		
50	A4.504.3	Thermal insulation		
<b>ELECTIVES (CHOOSE AT LEAST 1 FOR TIER 1 AND TIER 2)</b>				
51	A4.504.1	Compliance with formaldehyde limits		
52	A4.506.1	Filters		
53	A4.506.2	Construction filter [high-rise only]		
54	A4.506.3	Direct-vent appliances		