

**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)
PLANNING AND DESIGN				
PREREQUISITES				
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		
ELECTIVES (CHOOSE AT LEAST 2 FOR TIER 1 AND 4 FOR TIER 2)				
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]		
ENERGY EFFICIENCY				
PREREQUISITES				
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		
WATER EFFICIENCY AND CONSERVATION				
PREREQUISITES				
23	A4.304.3	Water budget		
24	A4.304.4	Potable water reduction		

ITEM #	CODE SECTION	REQUIREMENT	REFERENCE SHEET (Sheet # or N/A)	COMMENTS (e.g. note #, detail # or reason for N/A)
ELECTIVES (CHOOSE AT LEAST 2 FOR TIER 1 AND 3 FOR TIER 2)				
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		
MATERIAL CONSERVATION & RESOURCE EFFICIENCY				
PREREQUISITES				
36	A4.403.2	Reduction in cement use		
37	A4.405.3	Recycled content		
38	A4.408.1	Enhanced construction waste reduction		
ELECTIVES (CHOOSE AT LEAST 2 FOR TIER 1 AND 4 FOR TIER 2)				
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		
ENVIRONMENTAL QUALITY				
PREREQUISITES				
49	A4.504.2	Resilient flooring systems		
50	A4.504.3	Thermal insulation		
ELECTIVES (CHOOSE AT LEAST 1 FOR TIER 1 AND TIER 2)				
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		