

**TIER 1 AND TIER 2 VOLUNTARY REQUIREMENTS CHECKLIST
NEWLY-CONSTRUCTED RESIDENTIAL BUILDINGS OF SIX STORIES OR LESS**

**(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. detail or note #)
PLANNING AND DESIGN				
PREREQUISITES				
1	A4.106.2.3	Topsoil protection		
2	A4.106.4	Water permeable surfaces		
3	A4.106.5	Cool roof		
ELECTIVES (CHOOSE AT LEAST 2 FOR TIER 1 AND 4 FOR TIER 2)				
4	A4.103.1	Site selection		
5	A4.104.1	Supervision and education		
6	A4.105	Reuse of existing materials		
7	A4.106.1	Building orientation		
8	A4.106.2.1	Soils analysis		
9	A4.106.2.2	Soil protection		
10	A4.106.3	Landscape design		
11	A4.106.7	Bicycle parking		
ENERGY EFFICIENCY				
PREREQUISITES				
12	A4.203.1	Energy performance		
ELECTIVES (CHOOSE AT LEAST 4 FOR TIER 1 AND 6 FOR TIER 2)				
13	A4.205.1	Radiant roof barriers		
14	A4.205.2	Window shading		
15	A4.206.1	Reduced infiltration		
16	A4.207.1	Innovative systems		
17	A4.207.2.1	Commissioning of hvac systems		
	A4.207.2.3	Commissioning checklist		
18	A4.207.4	Gas-fired heating equipment		
19	A4.207.5	Heat pumps		
20	A4.207.6	Cooling equipment		
21	A4.207.7	Ducts location		
22	A4.207.8	Duct leakage		
23	A4.207.9	Whole house fans		
24	A4.207.10	Ceiling fans		
25	A4.208.1	Tank type water heater efficiency		
26	A4.208.2	Tankless water heater efficiency		
27	A4.208.3	Distribution systems		

ITEM #	CODE SECTION	REQUIREMENT	REFERENCE SHEET (Sheet # or N/A)	COMMENTS (e.g. detail or note #)
28	A4.209.1	Lighting		
29	A4.211.1	New solar homes partnership		
30	A4.211.2	Solar water heating system		
31	A4.211.3	Space for future solar installation		
WATER EFFICIENCY AND CONSERVATION				
PREREQUISITES				
32	A4.303.1	Kitchen faucets and dishwashers		
33	A4.304.3	Water budget		
34	A4.304.4	Potable water reduction		
ELECTIVES (CHOOSE AT LEAST 1 FOR TIER 1 AND 2 FOR TIER 2)				
35	A4.303.2	Nonwater supplied urinals		
36	A4.304.1	Low-water consumption irrigation system		
37	A4.304.2	Rainwater systems		
38	A4.304.5	Potable water elimination		
39	A4.305.1	Graywater		
40	A4.305.2	Recycled water piping		
41	A4.305.3	Recycled water for landscape irrigation		
MATERIAL CONSERVATION & RESOURCE EFFICIENCY				
PREREQUISITES				
42	A4.403.2	Reduction in cement use		
43	A4.405.3	Recycled content		
44	A4.408.1	Enhanced construction waste reduction		
ELECTIVES (CHOOSE AT LEAST 2 FOR TIER 1 AND 4 FOR TIER 2)				
45	A4.404.2	Efficient framing techniques		
46	A4.404.3	Building systems		
47	A4.404.4	Pre-cut materials and details		
48	A4.405.1	Prefinished building materials		
49	A4.405.2	Concrete floors		
50	A4.405.4	Use of building materials from renewable sources		
51	A4.407.1	Drainage around foundations		
52	A4.407.2	Roof drainage		
53	A4.407.6	Door protection		
54	A4.407.7	Roof overhangs		
ENVIRONMENTAL QUALITY				
PREREQUISITES				
55	A4.504.2	Resilient flooring systems		
56	A4.504.3	Thermal insulation		
ELECTIVES (CHOOSE AT LEAST 1 FOR TIER 1 AND TIER 2)				
57	A4.504.1	Early compliance with formaldehyde limits		
58	A4.506.1	Filters		
59	A4.506.2	Direct-vent appliances		