

## Appendix B

# **CITY OF CAPITOLA GREEN BUILDING PROGRAM**



# **Non-Residential Construction Green Building Checklist**

**April 2008**

Version 1

# Non-Residential Construction Green Building Checklist

## Instructions for Completing Check List

Use this check list to design and develop your project and to account for the points being claimed.

It is based on the LEED™ Green Building Rating System for New Construction and Major Renovations. Explanations of each category are available on the USGBC website under LEED™ NC Version 2.1 or from the building department.

Unless exempted from the Green Building Program by Capitola Municipal Code (CMC) Section 17.100.040, your project must comply with the minimum number of points to obtain a building permit for your new or remodeled building or addition. For eligibility for a Green Building Award, the appropriate number of points must be attained as outlined in Table-1 in Section 17.100.030.

All compliance measures must also be indicated clearly on the plan sets. A separate table must be included on either the title sheet or on the index sheet detailing what compliance measures are being taken.

### NON-RESIDENTIAL COMPLIANCE SUMMARY

Project Address: \_\_\_\_\_ Square Footage: \_\_\_\_\_ (Total New Area)

Type of Project: (Check one) \_\_\_\_\_ NEW \_\_\_\_\_ ADDITION \_\_\_\_\_ REMODEL

POINTS REQUIRED FOR (Check which one you are applying for):

PERMIT ISSUANCE \_\_\_\_\_ GREEN BUILDING AWARD: \_\_\_\_\_

Total Points required from (Table 1): = \_\_\_\_\_

**POINTS BY CATEGORY:**

A: Sustainable Sites \_\_\_\_\_ B: Water Efficiency \_\_\_\_\_

C: Energy and Atmosphere \_\_\_\_\_ D: Materials and Resources \_\_\_\_\_

E: Indoor Environmental Quality \_\_\_\_\_ F: Innovation and Design Process \_\_\_\_\_

**TOTAL POINTS FOR THIS PROJECT:** \_\_\_\_\_ Verified By: \_\_\_\_\_

\* Projects consisting of 5 or more units may use either this check list or the Residential Construction Checklist.

**Non-Residential Construction Green Building Checklist  
(Based on LEED-NC 2.1)**

<b>A. Sustainable Sites</b>	<b>Points Available for Building Dept Incentives</b>
	<b>(All points on the LEED checklist)</b>
1. Erosion & Sedimentation Control -	1
2. Site Selection	1
3. Urban Redevelopment/Development Density	1
4. Brownfield Redevelopment	1
Alternative Transportation - Public	
5. Transportation Access	1
Alternative Transportation - Bicycle Storage	
6. and Changing Rooms	1
Alternative Transportation - Alternative Fuel	
7. Vehicles	1
8. Alternative Transportation - Parking Capacity	1
Reduce Site Disturbance - Protect or Restore	
9. Open Space	1
Reduce Site Disturbance - Development	
10. Footprint	1
11. Stormwater Management - Rate and Quantity	1
12. Stormwater Management - Treatment	1
13. Heat Island Effect - Non-Roof	1
14. Heat Island Effect - Roof	1
15. Light Pollution Reduction	1
Site-related innovation comparable in scope	
16. to the above	0
<b>Available Points</b>	<b>15</b>

<b>B. Water Efficiency</b>	<b>Points Available for Building Dept Incentives</b>
Water Efficient Landscaping - Reduce by	
1. 50%	1
Water Efficient Landscaping - No Potable	
2. Use or No Irrigation	1
3. Innovative Wastewater Technologies	1
4. Water Use Reduction - 20% Reduction	1
5. Water Use Reduction - 30% Reduction	1
<b>Available Points</b>	<b>5</b>

<b>C. Energy &amp; Atmosphere</b>		<b>Points Available for Building Dept Incentives</b>
Fundamental Building System		
1. Commissioning		1
2. Minimum Energy Performance (already required in Title 24)		0
3. CFC Reduction in HVAC&R Equipments		1
4. Optimize Energy Performance		10
5. Renewable Energy - 5%		1
6. Renewable Energy - 10%		1
7. Renewable Energy - 20%		1
8. Additional Commissioning		1
9. Ozone Depletion		1
10. Measurement & Verification		1
11. Green Power		1
<b>Available Points for Energy</b>		<b>19</b>

<b>D. Materials &amp; Resources</b>		<b>Points Available for Building Dept Incentives</b>
1. Storage and Collection of Recyclables		1
2. Building Reuse - Maintain 75% of Existing Shell		1
3. Building Reuse - Maintain 100% of Existing Shell		1
4. Building Reuse - Maintain 100% Shell and 50% Non-Shell		1
5. Construction Waste Management - Divert 50%		1
6. Construction Waste Management - Divert 100%		1
7. Resource Reuse - Specify 5%		1
8. Resource Reuse - Specify 10%		1
9. Recycled Content - Specify 5%		1
10. Recycled Content - Specify 10%		1
11. Local/Regional Materials - 20% Manufactured Locally		1
11. Local/Regional Materials - 20% Manufactured Locally + 50% Harvested		1
12. Locally		1
11. Rapidly Renewable Materials		1
13. Certified Wood		1
<b>Available Points</b>		<b>14</b>

<b>E. Indoor Environmental Quality</b>		<b>Points Available for Building Dept Incentives</b>
1. Minimum IAQ Performance		1
2. Environmental Tobacco Smoke Control		1
3. Carbon Dioxide Monitoring		1
4. Ventilation Effectiveness		1
5. Construction IAQ Management Plan - During Construction		1

<b>E. Indoor Environmental Quality, Continued</b>		<b>Points Available for Building Dept Incentives</b>
Construction IAQ Management Plan -		
6. Before Occupancy		1
Low-Emitting Materials - Adhesives and		
7. Sealants		1
8. Low-Emitting Materials - Paints		1
9. Low-Emitting Materials - Carpet		1
10. Low-Emitting Materials - Composite Wood		1
11. Indoor Chemical & Pollutant Source Control		1
12. Controllability of Systems - Perimeter		1
13. Controllability of Systems - Non-Perimeter		1
Thermal Comfort - Comply with ASHRAE		
14. 55-1992		1
Thermal Comfort - Permanent Monitoring		
15. System		1
16. Daylight & Views - Daylight 75% of Spaces		1
17. Daylight & Views - Views for 90% of Spaces		1
<b>Available Points</b>		<b>17</b>

<b>F. Innovation &amp; Design Process</b>		<b>Points Available for Building Dept Incentives</b>
1. Innovation in Design		1
2. Another Innovation in Design		1
3. Another Innovation in Design		1
4. Another Innovation in Design		1
5. LEED Accredited Professional		1
<b>Available Points</b>		<b>5</b>
<b>Total Available Points</b>		<b>75</b>