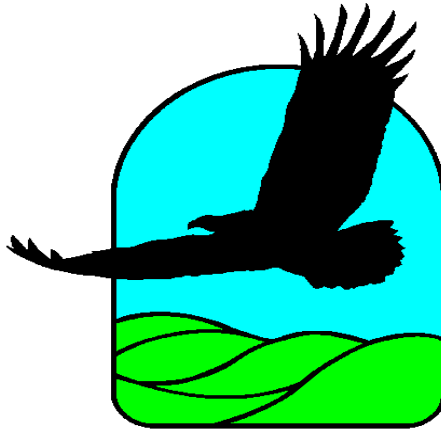


APPENDIX C



APPLICATION #: _____
ADDRESS: _____

CITY OF WATSONVILLE GREEN BUILDING PROGRAM

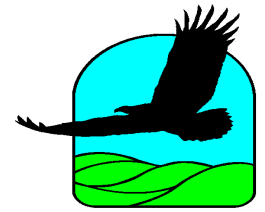
Ordinance 1231-07 (CM) codified in Chapter 15 of Title 8 of the Watsonville Municipal Code

GREEN POINTS
CHECK LIST
FOR

NON-RESIDENTIAL BUILDINGS

January 2008

Non-Residential Green Points 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 WMC Chapter 15, Section 8-15.05, your project must comply with the minimum number of points to obtain a building permit for your new or remodeled building or addition. For accelerated processing or eligibility for a Green Building Award, the appropriate number of points must be attained as outlined in WMC Chapter 15, Green Building Code.

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 GREEN BUILDING PROGRAM

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 _____

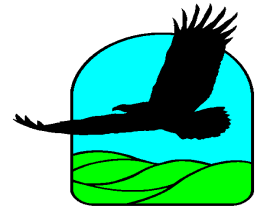
C: Energy and Atmosphere _____ D: Materials and Resources _____

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 new homes checklist.

Non-Residential Green Points Checklist



APPENDIX A: Non-Residential Construction Green Building Checklist (based on LEED-NC 2.1)

A. Sustainable Sites

- 1 Erosion and Sedimentation Control
 - 2 Site Selection (Urban Redevelopment /Development
 - 3 Density
 - 4 Brownfield Redevelopment
 - 5 Alternative Transportation
 - A. Public transportation access
 - B. Bicycle storage and changing rooms
 - C. Alternative fuel vehicles
 - D. Parking capacity
 - 6. Reduced Site Disturbance
 - A. Protect or restore open space
 - B. Development footprint
 - 7. Stormwater Management
 - A. Rate and Quantity
 - B. Treatment
 - 8. Heat Island Effect
 - A. Non-roof
 - B. Roof
 - 9. Light Pollution Reduction
- Sustainable Sites Total Available Points**

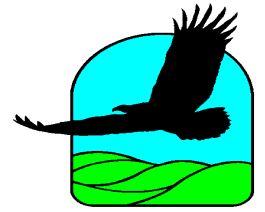
Total	Actual	Notes
1		
1		
1		
1		
1		
1		
1		
1		
1		
1		
1		
1		
1		
1		
1		
1		
14		

B. Water Efficiency

- 1. Water Efficient Landscaping
 - A. Reduce by 50%
 - B. No potable use or no irrigation
 - 1 Innovative Wastewater Technology
 - 2 Water Use Reduction
 - A. 20% Reduction
 - B. 30% Reduction
- Water Efficiency Total Available Point**

1		
1		
1		
1		
1		
5		

Non-Residential Green Points Checklist



C. Energy & Atmosphere

- 1 Fundamental Building Systems Commissioning
- 2 Minimum Energy Performance (already required by Title 24)
- 3 CFC Reduction in HVAC &R Equipment
- 4 Optimize Energy Performance 5.-7. Renewable Energy

- 5-7 Renewable Energy
 - A. Supply at least 5% of building's total energy requirement
 - B. Supply at least 10% of building's total energy requirement
 - C. Supply at least 20% of building's total energy requirement

- 8 Additional Commissioning (in addition to fundamental commissioning requirements)

- 9 Ozone Depletion
- 10 Measurement and Verification

- 11 Green Power

Energy and Atmosphere Total Available Points

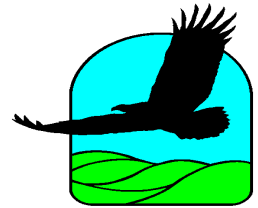
D. Materials and Resources

- 1. Storage and Collection of Recyclables
- 2.-4. Building Reuse
 - A. Maintain 75% of existing shell
 - B. Maintain 100% of existing shell
 - C. Maintain 100% of existing shell and 50% of non-shell
- 5.-6. Construction Waste Management
 - A. Divert 50%
 - B. Divert 100%
- 7.-8. Resource Reuse
 - A. Specify 5 %
 - B. Specify 10 %

Total	Actual	Notes:
1		
0		
1		
10		
1		
1		
1		
1		
1		
1		
1		
19		

1		
1		
1		
1		
1		
1		
1		
1		

Non-Residential Green Points Checklist



D. Materials and Resources (continued)

9-10. Recycled Content

A. Specify 5 %

B. Specify 10%

11-12. Manufactured Locally

A. Local/regional materials at least 20%

B. Local/regional materials at least 20% plus 50% locally harvested/extracted/recovered

13 Rapidly Renewable Materials

14 Certified Wood (FSC)

Materials and Resources Total Available Points

Total	Actual	Notes:
1		
1		
1		
1		
1		
1		
14		

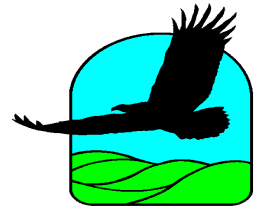
E. Indoor Environmental Quality

- 1 Minimum IAQ Performance
- 2 Environmental Tobacco Smoke Control
- 3 Carbon Dioxide Monitoring
- 4 Ventilation Effectiveness
- 5 Construction IAQ Management Plan –During Construction
- 6 Construction IAQ Management Plan—Before Occupancy
- 7 Low-Emitting Materials—Adhesives and Sealants
- 8 Low-Emitting Materials—Paints
- 9 Low-Emitting Materials—Carpets
- 10 Low-Emitting Materials—Composite Wood
- 11 Indoor Chemical & Pollutant Source Control
- 12 Controllability of Systems—Perimeter
- 13 Controllability of Systems—Non-Perimeter
- 14 Thermal Comfort—Comply with ASHRAE 55-1992
- 15 Thermal Comfort—Permanent Monitoring System
- 16 Daylight & Views – Daylight 75 % of Spaces
- 17 Daylight & Views - Views for 90% of Spaces

Indoor Environmental Quality Total Available Points

1		
1		
1		
1		
1		
1		
1		
1		
1		
1		
1		
1		
1		
1		
1		
1		
1		
17		

Non-Residential Green Points Checklist



F. Innovation & Design Process

1 Innovation in Design

2 Another Innovation in Design

3 Another Innovation in Design

4 Another Innovation in Design

5 LEED Accredited Professional

Innovation & Design Process Total Points Available

Total	Actual	Notes:
1		
1		
1		
1		
1		
5		

TOTAL AVAILABLE NON-RESIDENTIAL POINTS	75	
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Non-Residential Green Points Checklist

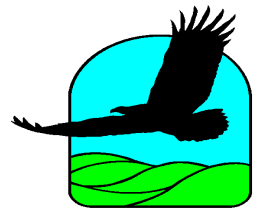


TABLE 1: NON-RESIDENTIAL (COMMERCIAL) ACTIONS AND POINT REQUIREMENTS

Total points possible	75
<i>Action</i>	<i>Points required to receive action:</i>
C-1. Receipt of Building Permit*	7
C-2. Green Building Award	40

*Exceptions: These points are not required for non-residential additions and remodels totaling less than 1000 square feet, or interior-only non-residential remodels of any size wholly contained within the existing footprint of the building and not including any portion of the exterior.