



Revised October 27, 2008

Key:  
 Yes - Project either currently complies or can easily comply with minimal cost.  
 Likely - Project can easily comply with minimal cost, but verification or minimal changes to current design are needed.  
 Less Likely - Compliance will have significant impact on cost, design, and/or schedule.  
 No - Either not applicable or cost prohibitive.

|     |        |             |    |
|-----|--------|-------------|----|
| Yes | Likely | Less Likely | No |
| 7   | 4      | 2           | 1  |

| Sustainable Sites |  |  |  | Status / Comments: | Party: | Due by: |
|-------------------|--|--|--|--------------------|--------|---------|
|-------------------|--|--|--|--------------------|--------|---------|

| Y | 7 | 4 | 2 | 1 |  |   |                 |     |
|---|---|---|---|---|--|---|-----------------|-----|
|   |   |   |   |   | Prerequisite SS 1<br><b>Construction Activity Pollution Prevention</b><br>Implement an Erosion and Sedimentation Control (ESC) Plan.   |   | CR3             | TBD |
| 1 |   |   |   |   | Credit SS 1<br><b>Site Selection</b><br>Do not develop on farmland; undeveloped land lower than 5' above 100-year flood plain; habitat for endangered or threatened species; within 100' of a wetlands; undeveloped land within 50' of a body of water; or public parkland.  | Appears to meet criteria  | CR3             | TBD |
|   | 1 |   |   |   | Credit SS 2<br><b>Development Density &amp; Community Connectivity</b><br>Opt 1: Previously developed site within a community with a minimum density of 60,000 sf/acre.<br>Opt 2: Previously developed site within 1/2 mile of residential zone (10 units/acre) and 10 basic services with pedestrian access.  | Option 2 selected. Verify if a residential project of 10 units per acre is within 1/2 mile. Document 10 services.   | SWA             | TBD |
|   |   | 1 |   |   | Credit SS 3<br><b>Brownfield Redevelopment</b><br>Develop on a contaminated site as defined by ASTM E1903-97 or by local, state or federal governmental agency.  | Verify/document there are contaminated soils and asbestos containing materials present in the existing building(s) to be demolished. EPA Phase 2 and 40 CFR70-63 compliance | TH              | TBD |
| 1 |   |   |   |   | Credit SS 4.1<br><b>Alternative Transportation: Public Transportation</b><br>Within 1/4 Mile of 2 bus line stops or 1/2 mile of rail stop  | There appears to be two bus lines within 1/4 Mile of the project  | SWA             | TBD |
| 1 |   |   |   |   | Credit SS 4.2<br><b>Alternative Transportation: Bicycle Use</b><br>Provide bicycle racks for 5% of peak building users and shower facilities for 0.5% of Full-Time Equivalent (FTE) occupants.   | Need Total Peak occupancy for the project to determine the number of bike racks (within 200 yards of the building). Showers needs to be calculated.                         | BGW/CR3/<br>SWA | TBD |
| 1 |   |   |   |   | Credit SS 4.3<br><b>Alternative Transportation: Low-Emitting and Fuel-Efficient Vehicles</b><br>Opt 1: Provide LE/FE vehicles for 3% of FTE and preferred parking.<br>Opt 2: Provide 5% preferred parking for LE/FE vehicles.<br>Opt 3: Alternative-fuel refueling stations for 3% vehicle parking.  | Attempt option 3 with recharging stations in the lowest level of the garage. Review criteria  | BGW/L&C         | TBD |
| 1 |   |   |   |   | Credit SS 4.4<br><b>Alternative Transportation: Parking Capacity</b><br>Opt 1 Non Residential: Meet but not exceed local requirements and provide 5% preferred parking for carpools or vanpools.<br>Opt 2 Non Residential: For projects that provide parking for less than 5% of FTE, provide 5% preferred parking for carpools or vanpools.<br>Opt 3 Residential: Do not exceed local requirements and provide infrastructure and support for shared vehicle usage.<br>Opt 4 All: Provide no new parking. | Option 1 Less than the required parking is provided and 5% preferred parking for carpools or vanpools will be provided.   | BGW/CR3/<br>SWA | TBD |
|   |   |   |   | 1 | Credit SS 5.1<br><b>Site Development: Protect or Restore Habitat</b><br>Greenfield sites: Limit site disturbance.<br>Previously developed sites: Restore or protect 50% of site area (excluding building footprint) with native or adaptive vegetation.  | Credit not attempted  | CR3             | N/A |
|   | 1 |   |   |   | Credit SS 5.2<br><b>Site Development: Maximize Open Space</b><br>Opt 1: Exceed local open space requirement by 25%.<br>Opt 2: Campus: Provide open space equal to building area.<br>Opt 3: For zero requirement, provide open space of 20% site area.  | Using pedestrian oriented hardscape, green roof and other strategies. Need to verify methodology.   | BGW/CR3/<br>SWA | TBD |
|   | 1 |   |   |   | Credit SS 6.1<br><b>Stormwater Design: Quantity Control</b><br>Opt 1: Existing <50% impervious: Reduce peak discharge or protect stream channels.<br>Opt 2: Existing >50% impervious: Reduce volume by 25%.  | Option 2 selected. Reduce by 25% volume compared to existing.   | CR3             | TBD |

|   |  |   |  |  |   |  |                 |     |
|---|--|---|--|--|---|--|-----------------|-----|
|   |  | 1 |  |  | Credit SS 6.2<br><b>Stormwater Design: Quality Control</b><br>Treat 90% of average annual rainfall using BMPs   | Review possible use of sand filters  | CR3             | TBD |
| 1 |  |   |  |  | Credit 7.1<br><b>Heat Island Effect: Non-Roof</b><br>Opt 1: Shade, pave with SRI > 29, or open grid for 50% hardscape.<br>Opt 2: 50% of parking under cover   | Attempt an exemplary point with parking garage shading 2/3rds of spaces  | BGW/CR3/<br>SWA | TBD |
| 1 |  |   |  |  | Credit SS 7.2<br><b>Heat Island Effect: Roof</b><br>Opt 1: 75% high albedo. Low <2:12 SRI>78; High >2:12 SRI>29.<br>Opt 2: 50% green roof.<br>Opt 3: Combination: $Area_{SRI} / 0.75 + Area_{Green} / 0.50 \geq Area_{Total}$ | Attempting a green roof and an overall light colored roof  | BGW             | TBD |
|   |  | 1 |  |  | Credit SS 8<br><b>Light Pollution Reduction</b><br>Limit interior lighting exiting building and limit site lighting   | Town Hall is a prominent public building and police headquarters has security lighting needs. Review possible methods to achieve goals and this point. | L&C             | TBD |

|     |        |             |    |
|-----|--------|-------------|----|
| Yes | Likely | Less Likely | No |
| 3   | 1      | 0           | 1  |

**Water Efficiency** Party: Due by:

|   |   |  |   |  |   |   |     |     |
|---|---|--|---|--|---|---|-----|-----|
| 1 |   |  |   |  | Credit WE 1.1<br><b>Water Efficient Landscaping: Reduce by 50%</b><br>Reduce potable water consumption for landscaping by 50%   | Verify methodology for achieving  | CR3 | TBD |
|   | 1 |  |   |  | Credit WE 1.2<br><b>Water Efficient Landscaping: No Potable Use or No Irrigation</b><br>Eliminate all potable water use for irrigation  | Verify methodology for achieving  | CR3 | TBD |
|   |   |  | 1 |  | Credit WE 2<br><b>Innovative Wastewater Technologies</b><br>Opt 1: Reduce potable water use for sewage conveyance 50%.<br>Opt 2: Treat 50% of wastewater to tertiary standards and infiltrate or use on site. | Credit not attempted  | N/A | N/A |
| 1 |   |  |   |  | Credit 3.1<br><b>Water Use Reduction: 20% Reduction</b><br>Reduce water consumption by 20%.   | The project intends to use 1.5 GPM shower heads, Dual Flush toilets, low flow faucets, and waterless urinals. SWA will perform a series of Water Use Reduction calculations to evaluate fixture performance and water savings options for the project. Reported Kohler has an interesting new urinal. | SWA | TBD |
| 1 |   |  |   |  | Credit 3.2<br><b>Water Use Reduction: 30% Reduction</b><br>Reduce water consumption by 30%  | See credit above.   | SWA | TBD |

|     |        |             |    |
|-----|--------|-------------|----|
| Yes | Likely | Less Likely | No |
| 4   | 2      | 2           | 1  |

**Energy & Atmosphere** Status / Comments: Party: Due by:

|   |   |   |   |  |  |  |         |     |
|---|---|---|---|--|--|--|---------|-----|
| Y |   |   |   |  | Prerequisite EA 1<br><b>Fundamental Commissioning</b><br>Implement a commissioning plan using an independent agent.  | BVH's Commissioning(Cx) group will provide Cx services for the project.  | BVH     | TBD |
| Y |   |   |   |  | Prerequisite EA 2<br><b>Minimum Energy Performance</b><br>Design the building to comply with ASHRAE/IESNA Standard 90.1-2004.  | 350 ton system derated for freeze conditions, chiller in parking structure   | L&C     | TBD |
| Y |   |   |   |  | Prerequisite EA 3<br><b>Fundamental Refrigerant Management</b><br>Use no CFC based-refrigerants (or phase out current use).  | No CFC based-refrigerants are being specified- 134 A was discussed as the refrigerant.   | L&C     | TBD |
| 3 | 1 |   |   |  | Credit EA 1<br><b>Optimize Energy Performance</b><br>Improve energy performance beyond ASHRAE/IESNA 90.1-2004. As of June 2007, a minimum 2 credits are required (14% new, 7% existing). One addit. credit for each addit. 3.5% improvement. | Energy modeling predicts 20 to 25% more efficient than the ASHRAE 90.1 2004 (w/ Appendix G) Baseline. Potentially 3 or 4 points are targeted based on the model. | SWA     | TBD |
|   |   |   | 1 |  | Credit EA 2<br><b>On-Site Renewable Energy</b><br>Produce energy to offset 2.5, 7.5 or 12.5% of bldg. energy cost  | Look at options in modeling for team review.   | SWA/L&C | TBD |
| 1 |   |   |   |  | Credit EA 3<br><b>Enhanced Commissioning</b><br>Begin process in DD and provide follow up after construction   | BVH's Commissioning(Cx) group will provide Cx services for the project.  | BVH     | TBD |
|   |   | 1 |   |  | Credit EA 4<br><b>Enhanced Refrigerant Management</b><br>Opt 1: Use no refrigerants.<br>Opt 2: Minimize Ozone Depletion Potential and Global Warming Potential of refrigerants and no Halon fire suppression systems.                        | Option 2 pursued. 134 A Refrigerant proposed.  | L&C     | TBD |

|  |  |  |   |  |   |     |     |
|--|--|--|---|--|---|-----|-----|
|  |  |  | 1 | Credit EA 5<br><b>Measurement &amp; Verification</b><br>Implement a M+V Plan in accordance with <i>IPMVP Volume III: Concepts and Options for Determining Energy Savings in New Construction, April 2003</i> . | Credit not attempted                              | N/A | N/A |
|  |  |  | 1 | Credit EA 6<br><b>Green Power</b><br>Provide 35% of the building's electricity from renewable sources  | Town to review this option for a 2 year contract. | TH  | TBD |

Yes  
Likely  
Less Likely  
No

|   |   |   |   |                                  |                           |               |                |
|---|---|---|---|----------------------------------|---------------------------|---------------|----------------|
| 5 | 4 | 1 | 3 | <b>Materials &amp; Resources</b> | <b>Status / Comments:</b> | <b>Party:</b> | <b>Due by:</b> |
|---|---|---|---|----------------------------------|---------------------------|---------------|----------------|

|   |  |  |   |   |  |            |     |
|---|--|--|---|---|--|------------|-----|
| Y |  |  |   | Prerequisite MR 1<br><b>Storage &amp; Collection of Recyclables</b><br>Dedicated space for the storage and collection of recyclables.                                 | Dedicated space required for certain recycling activities. SWA to provide a sample for the required Owner's letter.  | BGW        | TBD |
| 1 |  |  |   | Credit MR 1.1<br><b>Building Reuse: 75% of Existing Walls, Floors &amp; Roof</b><br>Applies to building structure and envelop (excluding windows)                     | Existing building to retain existing exterior shell and structure.   | NCA        | TBD |
|   |  |  | 1 | Credit MR 1.2<br><b>Building Reuse: 95% of Existing Walls, Floors &amp; Roof</b><br>Applies to building structure and envelop (excluding windows)                     | Review the percentage of reuse.  | NCA        | TBD |
|   |  |  | 1 | Credit MR 1.3<br><b>Building Reuse: 50% of Interior Non-Str. Elements</b><br>Includes interior walls, doors, floor coverings and ceiling systems                      | Likely reuse of non-structural elements. Verify.   | NCA        | TBD |
| 1 |  |  |   | Credit MR 2.1<br><b>Construction Waste Management: Divert 50%</b><br>Waste can be sorted off site. Exclude soil and land-clearing debris                              | SWA to provide spec information for incorporation in bid docs. Targeting both points as achievable.  | SWA/BGW/CM | TBD |
| 1 |  |  |   | Credit MR 2.2<br><b>Construction Waste Management: Divert 75%</b><br>As above. Divert 95% for Exemplary Performance Credit  | See above.   | SWA/BGW/CM | TBD |
|   |  |  | 1 | Credit MR 3.1<br><b>Materials Reuse: 5%</b><br>Use salvaged, refurbished or reused materials for 5% of cost   | Credit not attempted   | N/A        | N/A |
|   |  |  | 1 | Credit MR 3.2<br><b>Materials Reuse: 10%</b><br>As above. Use 15% for Exemplary Performance Credit  | Credit not attempted   | N/A        | N/A |
| 1 |  |  |   | Credit MR 4.1<br><b>Recycled Content: 10% (post + ½ pre-consumer)</b><br>Based on cost. Recycled content of materials based on weight.                                | SWA to provide spec information for incorporation in bid docs. Targeting one point but both points are achievable. Concrete, steel, drywall, carpet are some targeted items. | SWA/BGW/CM | TBD |
|   |  |  | 1 | Credit MR 4.2<br><b>Recycled Content: 20% (post + ½ pre-consumer)</b><br>As above. Use 30% for Exemplary Performance Credit.  | See above.   | SWA/BGW/CM | TBD |
| 1 |  |  |   | Credit MR 5.1<br><b>Regional Material: 10% Extracted, Processed &amp; Manufactured Regionally</b><br>Based on material cost. Fractions of content are based on weight | Materials within 500 miles of the site. SWA to provide spec information for incorporation in bid docs. Targeting one point but both points are achievable.                   | SWA/BGW/CM | TBD |
|   |  |  | 1 | Credit MR 5.2<br><b>Regional Material: 20% Extracted, Processed &amp; Manufactured Regionally</b><br>As above. Use 40% for Exemplary Performance Credit.              | See above.   | SWA/BGW/CM | TBD |
|   |  |  | 1 | Credit MR 6<br><b>Rapidly Renewable Materials: 2.5 %</b><br>Use materials with ten-year cycle (based on cost)   | Credit not attempted   | N/A        | N/A |
|   |  |  | 1 | Credit MR 7<br><b>Certified Wood</b><br>Use FSC certified wood for 50% of all wood components.  | SWA to provide spec information for incorporation in bid docs.   | SWA/BGW/CM | TBD |

Yes  
Likely  
Less Likely  
No

|   |   |   |   |                                     |                           |               |                |
|---|---|---|---|-------------------------------------|---------------------------|---------------|----------------|
| 9 | 2 | 1 | 3 | <b>Indoor Environmental Quality</b> | <b>Status / Comments:</b> | <b>Party:</b> | <b>Due by:</b> |
|---|---|---|---|-------------------------------------|---------------------------|---------------|----------------|

|   |  |  |  |   |  |        |     |
|---|--|--|--|---|--|--------|-----|
| Y |  |  |  | Prerequisite EQ 1<br><b>Minimum IAQ Performance</b><br>Meet minimum requirements of ASHRAE 62.1-2004 (Sections 4 - 7) and approved Addenda (see ASHRAE 62-2001, Appendix H) using the Ventilation Rate Procedure. | Discussed the specified system should comply. Verify.  | L&C    | TBD |
| Y |  |  |  | Prerequisite EQ 2<br><b>Environmental Tobacco Smoke (ETS) Control</b>   | Smoking not permitted except in exterior areas meeting requirement to be away from entrances and air intakes. SWA to provide a sample for the required Owner's letter. | TH/SWA | TBD |

|   |   |   |   |   |  |            |     |
|---|---|---|---|---|--|------------|-----|
| 1 |   |   |   | Credit EQ 1<br><b>Outdoor Air Delivery Monitoring</b><br>Provide permanent monitoring of CO2  | Discussed the specified system should comply. Verify.  | L&C        | TBD |
| 1 |   |   |   | Credit EQ 2<br><b>Increased Ventilation</b><br>Increase mechanical ventilation 30% over ASHRAE 62.1-2004 or demonstrate effective ventilation for naturally ventilated buildings  | Discussed the specified system should comply. Verify.  | L&C        | TBD |
| 1 |   |   |   | Credit EQ 3.1<br><b>Construction IAQ Mgmt. Plan: During Construction</b><br>Implement IAQ plan per SMACNA Guidelines, protect absorptive materials from moisture and use MERV 8 filters during construction                                     | SWA to provide spec information for incorporation in bid docs. Targeting one as achievable.                              | SWA/CM     | TBD |
|   | 1 |   |   | Credit EQ 3.2<br><b>Construction IAQ Mgmt. Plan: Before Occupancy</b><br>Opt 1: Flush out.<br>Opt 2: Air quality testing  | SWA to provide spec information for incorporation in bid docs. Targeting one as possibly achievable.                     | SWA/CM     | TBD |
| 1 |   |   |   | Credit EQ 4.1<br><b>Low-Emitting Materials: Adhesives &amp; Sealants</b><br>In accordance with SCAQMD Rule #1168.   | SWA to provide spec information for incorporation in bid docs. Targeting one as achievable.                              | BGW/SWA/CM | TBD |
| 1 |   |   |   | Credit EQ 4.2<br><b>Low-Emitting Materials: Paints &amp; Coatings</b><br>Limit VOCs for interior paints and coatings applied on site  | SWA to provide spec information for incorporation in bid docs. Targeting one as achievable.                              | BGW/SWA/CM | TBD |
| 1 |   |   |   | Credit EQ 4.3<br><b>Low-Emitting Materials: Carpet Systems</b><br>Per Carpet and Rug Institute's Green Label Plus program   | SWA to provide spec information for incorporation in bid docs. Targeting one as achievable.                              | BGW/SWA/CM | TBD |
|   |   | 1 |   | Credit EQ 4.4<br><b>Low-Emitting Materials: Composite Wood &amp; Agrifiber</b><br>No urea-formaldehyde resins.  | SWA to provide spec information for incorporation in bid docs. This is achievable but can be costly. Review.             | BGW/SWA/CM | TBD |
|   |   |   | 1 | Credit 5<br><b>Indoor Chemical &amp; Pollutant Source Control</b><br>Install permanent entryway systems, separate and exhaust point sources of air contaminants, and use MERV 13 filtration   | Credit not attempted   | N/A        | N/A |
| 1 |   |   |   | Credit 6.1<br><b>Controllability of Systems: Lighting</b><br>Provide control for 90% occupants and control for shared spaces  | Appears achievable   | F&C        | TBD |
|   | 1 |   |   | Credit 6.2<br><b>Controllability of Systems: Thermal Comfort</b><br>Provide control for 50% occupants and control for shared spaces   | Reviewing feasibility  | F&C        | TBD |
| 1 |   |   |   | Credit 7.1<br><b>Thermal Comfort: Design</b><br>Design in accordance with ASHRAE 55-2004.   | Appears achievable   | F&C        | TBD |
| 1 |   |   |   | Credit 7.2<br><b>Thermal Comfort: Verification</b><br>Implement verification survey within 6 to 18 months of occupancy.   | Town of Hamden interested in this point. Swa to provide sample surveys.  | TH/SWA     | TBD |
|   |   |   | 1 | Credit 8.1<br><b>Daylight &amp; Views: Daylight 75% of Spaces</b><br>Opt 1: 2% of daylight in 75% of spaces.<br>Opt 2: Computer simulation of 25 footcandles in 75% of spaces.<br>Opt 3: Direct measurement of 25 footcandles in 75% of spaces. | Certain security spaces reviewed for exclusion from the criteria SWA to perform preliminary daylight calcs for Option 1. | SWA        | TBD |
|   |   |   | 1 | Credit 8.2<br><b>Daylight &amp; Views: Views for 90% of Spaces</b><br>Provide direct line of sight.   | SWA to perform preliminary daylight & view calcs. May not be an achievable point.  | SWA        | TBD |

| 1 | 1 | 3 | 0 | Innovation & Design Process  | Status / Comments:  | Party:      |     |
|---|---|---|---|--|---|-------------|-----|
|   | 1 |   |   | Credit ID 1.1<br><b>Innovation in Design: Education &amp; Outreach</b><br>Project can earn an innovation credit using the building as a case study to educate users and public about green buildings. Two of the following three requirements need to be pursued:<br>1. Building integrated feature (Signage, Kiosk, etc.) that speaks to the green features of the project.<br>2. Outreach Component (webpage, tours, lectures, etc.) that speaks to the green features of the project.<br>3. Case Study Document that speaks to the green building features of the project and is provided to the USGBC for their use. | SWA can provide samples from projects that have achieved this credit.   | SWA         | TBD |
|   |   | 1 |   | Credit ID 1.2<br><b>Innovation in Design: Heat Island Effect, Non-Roof</b> Opt 2:<br>50% of parking under cover.   | Exemplary point requires 100% of on-site parking under cover- we discussed 2/3rds of spaces shaded in garage. Discuss | BGW/CR3/SWA | TBD |
|   |   |   | 1 | Credit ID 1.3<br><b>Innovation in Design: Green Operations and Maintenance</b><br>Exemplary performance or use of new innovative technologies  | SWA will provide requirements to Town of Hamden.  | TH/SWA      | TBD |

|   |  |   |  |   |  |     |     |
|---|--|---|--|---|--|-----|-----|
|   |  | 1 |  | Credit ID 1.4<br><b>Innovation in Design: Open</b><br>Exemplary performance or use of new innovative technologies | To be determined as project progresses |     | TBD |
| 1 |  |   |  | Credit ID 2<br><b>LEED® Accredited Professional</b><br>At least one LEED® AP on the project team                  | Other involved LEED APs invited        | SWA | TBD |

|    |     |        |             |    |
|----|-----|--------|-------------|----|
|    | Yes | Likely | Less Likely | No |
| 29 | 14  | 9      | 9           |    |

**Project Totals (pre-certification estimates) 69 Points**  
 Certified 26-32 points Silver 33-38 points Gold 39-51 points Platinum 52-69 points