

# Florida Green Commercial Building Standard

V4 Rev. 1

## Final Application Form

### Project Information

|                  |   |    |     |       |                     |
|------------------|---|----|-----|-------|---------------------|
| Project Name:    | Hyundai Genesis Dealership                        |    |     |       |                     |
| Address:         | 2650 North Federal Hwy                            |    |     |       |                     |
| City:            | Delray Be. ST                                     | FL | Zip | 33483 | County: Palm Bear 0 |
| Size (SF):       | 65,000  |    |     |       |                     |
| Occupancy Type:  | Single building with a 2-story Hyundai Dealership |    |     |       |                     |
| New or Existing: | New   |    |     |       | Website: 0          |

### Designated Professional Contact Information

|          |                                 |    |     |       |  |
|----------|---------------------------------|----|-----|-------|--|
| Name:    | Denise A. Bas/ Kyle Abney       |    |     |       |  |
| Company: | GreenPath FL sub to Abney Green |    |     |       |  |
| Address: | 1400 Centrepark Blvd. STE 905   |    |     |       |  |
| City:    | West Palm E ST                  | FL | Zip | 33401 |  |
| Phone:   | 561-602-5150                    |    |     |       |  |
| E-mail:  | denise@greenpathfl.com          |    |     |       |  |

### Building Owner Contact Information

|          |  |    |   |     |   |
|----------|--|----|---|-----|---|
| Name:    |  |    |   |     |   |
| Company: |  |    |   |     |   |
| Address: |  |    |   |     |   |
| City:    |  | ST | 0 | Zip | 0 |
| Phone:   |  |    |   |     |   |
| E-mail:  |  |    |   |     |   |

|                |            |   |
|----------------|------------|---|
| Total Fee Due: | \$6,000.00 | Refer to "Instructions" tab for Application Fees      |
| Deposit Paid:  | \$500.00   |   |
| Amount Due:    | \$5,500.00 | Balance Due Must Be Submitted with Final Application. |

### Project Point Summary

|   |                           |  |
|---|---------------------------|--|
| Minimum Points to Qualify (may be over 100 if a category minimum is missed) | <b>103</b>                | Please refer to Standards Documents and Green Commercial Reference Guide for additional information. |
| <b>Category</b>   | <b>Claimed</b>            | <b>Required Min</b>  |
| Category 1: Project Management  | 5                         | 0 Points   |
| Category 2: Energy  | 44                        | 30 Points  |
| Category 3: Water   | 34                        | 30 Points  |
| Category 4: Site  | 42                        | 10 Points  |
| Category 5: Health  | 12                        | 10 Points  |
| Category 6: Materials   | 3                         | 5 Points   |
| Category 7: Disaster Mitigation   | 9                         | 10 Points  |
| Category 8: Innovation  | 0                         | 0 Points   |
| Total:  | <b>149</b>                |  |
| Total Needed:   | <b>103</b>                |  |
| <b>Certification Level</b>  | <b>Certified - Silver</b> |  |

### To Qualify your project must

|          |         |   |
|----------|---------|---|
| Bronze   | 0 - 30  | points over the project's adjusted required minimum |
| Silver   | 31 - 60 | points over the project's adjusted required minimum |
| Gold     | 61 - 90 | points over the project's adjusted required minimum |
| Platinum | > 90    | points over the project's adjusted required minimum |

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**CATEGORY 1: PROJECT MANAGEMENT**

| Required Category Minimum (0)   |                        |                       |  |   |   |   |
|---|------------------------|-----------------------|--|---|---|---|
| PROJECT POINT ESTIMATE: Use the drop down menus to complete your project estimate. The "Final Project Points" columns (B & C) will be used to score your project. All DARK shaded cells calculate Automatically, All LIGHT shaded cells require user input. |                        |                       |  |   |   |   |
| FINAL PROJECT POINTS  |                        |                       | Category 1: Project Management Points  |   | Submittal   | Designated Professional Notes   |
|   | Total Points Available | Final Points Achieved |  |   |   |   |
|   | 17                     | 5                     |  |   |   |   |
|   |                        |                       | <b>Prerequisite</b>  |   |   |   |
|   |                        |                       | Submittals: To qualify for certification, each project must comply with the prerequisite listed below and achieve the required category minimum, which in this case is zero. Use the drop down menus to enter the status of your prerequisite.   |   |   |   |
| <b>Prerequisite 1</b>   | R                      |                       | Green Project Meeting  | Design Team, Owner and project team decision makers must participate in a Green Building Design Charrette conducted by an FGBC Designated Professional. The team must review the FGBC Commercial Building Standard Checklist and identify credit of interest for the project. The training must be project specific, general green education courses do not comply. | Provide documentation of design charrette, virtual or in person, such as a copy of the meeting agenda, outline of notes, dated sign in sheet and or screen captures of the virtual attendees. Provide a copy of the FGBC Checklist that resulted from the Charrette.  | COMPLETED 4.28.26 SAME MEETING AS PM1.01 ENTIRE DESIGN TEAM INVOLVED PRIOR TO FINAL PERMIT CDS. |
| <b>Prerequisite 2</b>   | R                      |                       | Green COMMERCIAL Designated Professional   | The project team includes a certified FGBC COMMERCIAL Green Designated Professional.  | Copy of FGBC Green COMMERCIAL Designated Professional Certificate.  | DENISE BAS/ KYLE ABNEY  |
| <b>PM1.01</b>   | 2                      | 2                     | <b>Comprehensive Design Charrette/Design Team Training</b>   |   | <b>Comprehensive Design Charrette/Design Team Training</b>  |   |
|   | 2                      | 2                     | Prior to 100% Construction Documents (CD's) the design team, owner and project team decision makers must participate in a green project training. This training must be specific to the FGBC Green COMMERCIAL Standard and may be offered by the FGBC or the FGBC Designated Professional for the project. Attendees must include a participant from all disciplines currently under contract for the project.   |   | Provide training content documentation, means of training, and dated sign in sheet  | COMPLETED 4.28.26 NEED FINAL PERMIT ISSUE DATE TO SHOW MEETING OCCURRED PRIOR.                  |
| <b>PM1.02</b>   | 2                      | 2                     | <b>Construction Team Training</b>  |   | <b>Construction Team Training</b>   |   |
|   | 2                      | 2                     | Design team, Owner, Project Team Decision Makers, General Contractor, and subcontractors currently under contract for the project participate in an FGBC High-Rise training that addresses the overall certification standard and focuses on the credits targeted by the high-rise project. Subcontractors associated with the following activities must be trained prior to commencing VERTICAL work on the site: General Contracting, MEP, HVAC, irrigation, and interior finishes. Multiple trainings may be required to properly educate the |   | Provide training content documentation, means of training and a dated sign-in sheet.  | NEEDS TO BE SCHEDULED WITH GC   |
| <b>PM1.03</b>   | 1                      | 0                     | <b>Facility Manager &amp; Staff Training</b>   |   | <b>Facility Manager &amp; Staff Training</b>  |   |
|   | 1                      |                       | Operational staff, including facility manager, leasing agent, sales staff, or any individual that works over 20 hours a week in a capacity managing or maintaining the building must attend a green training. This training must be specific to the FGBC Green COMMERCIAL Standard and may be offered by the FGBC or the FGBC Designated Professional for the project. Training must include an explanation of the certification, criteria pursued/achieved, and information regarding green operation and maintenance of the building..         |   | Provide training content documentation, means of training and a dated sign-in sheet. If training is recorded for use by future staff provide link to training video.  |   |
| <b>PM1.04</b>   | 1                      | 0                     | <b>Green Website</b>   |   | <b>Green Website</b>  |   |
|   | 1                      |                       | Provide information on the project website regarding the FGBC green certification of the project, a link to the project score sheet, information on green operation and maintenance, helpful links regarding FGBC, energy efficiency, water efficiency, and healthy buildings.   |   | Provide the web address and copies of the content   |   |
| <b>PM1.05</b>   | 1                      | 1                     | <b>Green Education</b>   |   | <b>Green Education</b>  |   |
|   | 1                      | 1                     | Provide permanently installed signage that educates building occupants and visitors of the sustainable features and benefits that are incorporated into the building. A minimum of 5 signs must be placed in public/common/high traffic areas of the building to receive this credit. Education may be displayed in common areas by electronic means as an alternative to physical signs.  |   | Submit a floor plan of the building indicating the location of the signs, the content for each of the 5 signs, and either a graphic design of the sign or a photo of the actual sign.   | OWNER   |
| <b>PM2.00</b>   | 5                      | 0                     | <b>Building Information Modeling</b>   |   | <b>Building Information Modeling</b>  |   |
|   | 5                      |                       | Design team and construction teams use BIM process to optimize the efficiencies related to design, estimating, materials ordering, and construction.<br>1 point for Architect<br>2 points for Architect, Structural, and MEP<br>5 points for Architect, Structural, MEP, Contractor and Mechanical, Electrical, Plumbing and Fire Subs.  |   | Provide a minimum of 6 examples of 3D renderings and conflict reports, Meeting minutes discussing conflict resolution may be submitted in lieu of conflict reports.   | N/A   |
| <b>PM3.00</b>   | 5                      | 0                     | <b>Cost Benefit Analysis</b>   |   | <b>Cost Benefit Analysis</b>  |   |
|   | 5                      |                       | FGBC Designated Professional in coordination with the General Contractor and Owner shall document the cost impact of the energy and water credits. Earn 1 point for each energy or water credit Cost-Benefit Analysis. Analysis shall include a minimum of two building alternatives considered to achieve the credit, the cost associated with each alternative and calculated annual kWh, gallons of water, and cost savings.  |   | The project must submit a copy of the FGBC Checklist from:<br>1.The team kickoff meeting<br>2.100% Construction Document Phase<br>3.Final FGBC Submittal<br>Include assumptions regarding interest rates, life of materials, and any other assumptions made for the analysis. A short narrative must accompany each credit explaining the options reviewed, environmental benefits, and reasoning for final selection for | N/A REQUIRES EVALUATION WITH AN ESTIMATOR   |
| Name of Designated Professional   |                        |                       | DENISE A. BAS AND KYLE ABNEY   |   |   |   |
| Phone Number and E-mail Address   |                        |                       | DENISE@GREENPATHFL.COM, KYLE@ABNEYGREEN.COM  |   |   |   |

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## CATEGORY 2: ENERGY

Required Category Minimum (30)

PROJECT POINT ESTIMATE: Use the drop down menus to complete your project estimate. The "Final Project Points" columns (B & C) will be used to score your project. All DARK shaded cells calculate Automatically, All LIGHT shaded cells require user input.

| FINAL PROJECT POINTS  |                        |                       | Category 2: Energy Points   | Description  | Submittal   | Designated Professional Notes                 |
|-----------------------|------------------------|-----------------------|---|--|---|---|
|                       | Total Points Available | Final Points Achieved |   |  |   |   |
|                       | 120                    | 45                    |   |  |   |   |
|                       |                        |                       | <b>Prerequisites</b>  |  |   | <b>Prerequisites</b>                          |
|                       |                        |                       | To qualify for certification, each project must comply with the 5 prerequisites below and accumulate 30 points, the required category minimum. Use the drop down menus to enter the status of your prerequisites. |  |   |   |
| <b>Prerequisite 1</b> | R                      |                       | <b>Owner Project Requirements (OPR)</b>   | Owner designated representative must develop a list of owner project requirements related to each of the categories of the commercial standard. The OPR should indicate minimum goals for each category and any specific credits the   | Submit a narrative explaining the OPR for the project clearly indicating the minimum project goals for each of the FGBC categories.   | DRAFT WILL BE PROVIDED FOR OWNER APPROVAL     |
| <b>Prerequisite 2</b> | R                      |                       | <b>Basis of Design (BOD)</b>  | Design team representatives develop and document how the design will achieve the Owner Project Requirements. The Basis of Design should include specifically how the performance desires of the Owner will be achieved by the proposed design.   | The design team must submit a narrative that explains how the design decisions support the Owner project requirements. The BOD must include a description from the design team as to how each of the FGBC category specific owner goals will be achieved.   | SAMPLE WILL BE PROVIDED FOR MEP TEAM TO DRAFT |
| <b>Prerequisite 3</b> | R                      |                       | <b>Testing and balancing of installed equipment</b>   | <p>1. Mechanical Electrical Plumbing (MEP) Engineering Firm, Commissioning Agent or Independent inspector representing the owner works with the Architect or design team leader to verify field installed equipment meet OPR, BOD and is installed and operating correctly. Testing and verification must include at a minimum, Heating, Ventilation, Air Conditioning and Refrigeration (HVAC&amp;R) systems &amp; controls and shall be performed by a licensed engineer or a professional certified by the National Environmental Balancing Bureau (NEBB), the Associated Air Balance Council (AABC), or other nationally accredited organization. For residential units, perform a comfort balance on a minimum of 1 of each unit type to verify that the CFM is consistent with the Manual D's</p> <p>2. Functional Testing of the lighting systems and controls, renewable energy systems, hot water system, and energy and water measurement devices as determined by the project engineer of record.</p> <p>For buildings with less than 40 tons or HVAC: Verify field installed equipment meet the OPR, BOD and are installed and operating correctly. Field verify cfm provided is as designed by the engineer of record, verify air temperature at vent is 55 degrees and if mechanically supplied dedicated outside air is present, verify</p> | The design team shall provide a copy of the testing and balancing report.   | GC'S RESPONSIBILITY                           |
| <b>Prerequisite 4</b> | R                      |                       | <b>Minimum Energy Performance</b>   | Building must perform the minimum required by the Florida Commercial Building Energy Code when the building is permitted - as verified by the Energy Gauge Summit Fla/Com software or other state approved performance-based software. A whole building performance model is required, projects using software such as ComCheck will comply with this prerequisite but will not receive points under   | Submit a copy of the Energy Gauge Summit "Total Building Performance Method for Commercial Buildings – Project Summary" (Form 506-2010) or its equivalent) from software approved by the Florida Building Commission that identifies the percent above code minimum the proposed building design has achieved.  | COMPLETE                                      |
| <b>Prerequisite 5</b> | R                      |                       | <b>CFC Reduction in HVAC Equipment</b>  | Requires that all building HVAC&R systems be free of CFC's and Halons  | Mechanical engineer will submit a signed letter declaring that the building's new HVAC&R systems do not use CFC-based refrigerants and a mechanical schedule showing HVAC equipment.  |   |
| <b>E1</b>             | 1                      | 1                     | <b>EPA Target Finder</b>  |  |   | <b>EPA Target Finder</b>                      |
|                       |                        |                       | Enter your Target Finder Score below  |  |   |   |
| E1.01                 | 1                      | 1                     | Input building information into EPA Target Finder   | Designated project team member is required to enter baseline building and proposed design building information into the EPA Target Finder Program. <a href="http://www.energystar.gov/index.cfm?c=new_bldg_design.bus_target_finder">www.energystar.gov/index.cfm?c=new_bldg_design.bus_target_finder</a>  | Submit a copy of the printout of the building from the Target Finder Program. Please note that there are instances where the Target Finder database does not have enough information to generate a report for your building type. If you enter your building data and the report results in an error, simply provide a copy of the error report page and you will be awarded 1 point. | GREENPATH                                     |
| <b>E2</b>             | 2                      | 2                     | <b>Portfolio Manager</b>  |  |   | <b>Portfolio Manager</b>                      |
|                       |                        |                       | Use EPA Portfolio Manager to baseline and track building design and ongoing performance   |  |   |   |
| E2.01                 | 1                      | 1                     | Input building into Portfolio Manager   |  |   | GREENPATH                                     |
| E2.02                 | 1                      | 1                     | Grant FGBC access to the project Portfolio Manager account  |  |   | GREENPATH                                     |
|                       |                        |                       |   |  | Submittals: User name and password (access information) for Portfolio   |   |
| <b>E3</b>             | 10                     | 0                     | <b>Commissioning</b>  |  |   | <b>Commissioning</b>                          |

|           |  |  |   |   |  |   |      |                                  |                              |  |                                       |                              |  |
|-----------|--|--|---|---|--|---|------|----------------------------------|------------------------------|--|---------------------------------------|------------------------------|--|
| E3.01     | 4  | <p><b>Fundamental Building Systems Commissioning:</b> Implement or have a contract in place to implement all of the following fundamental best practice commissioning procedures. Commissioning includes verifying installation, functional performance testing, training and documentation for EACH of the commissioned system or components as compared to the design intent, training of owner designated O&amp;M professional and completion of the operation and maintenance manuals.</p> <p>The minimum requirements for serving as the commissioning agent are:</p> <ol style="list-style-type: none"> <li>1. Must have served as the commissioning agent of record on at least two (2) projects certified by a state or nationally recognized green certification program, OR</li> <li>2. Participated in the commissioning of at least two (2) green certified projects and have a letter of recommendation from the project's commissioning agent of record, OR</li> <li>3. Possess one of the following designations: <ul style="list-style-type: none"> <li>a. CPMP - Commissioning Process Management Professional Certification (ASHRAE)</li> <li>b. BCxP - Building Commissioning Professional (ASHRAE)</li> <li>c. CEM - Certified Energy Manager (AEE - Association of Energy Engineers)</li> <li>d. PE - Professional Engineer</li> <li>e. ACG Commissioning Agent - (ACG - AABC Commissioning Group)</li> </ul> </li> </ol> <p>The commissioning agent (CxA) be an independent party hired by the owner, reporting to the owner. If the CxA is contracted as part of the design or construction team, the CxA must have in their contract that they report directly to the owner with respect to performance verification and they must</p> | Submit a copy of the CxA signed contract (black out fees), OPR, BOD, Commissioning Plan and Commissioning Report. The commissioning Plan should include an overview of the commissioning process, a list of systems and features, the commissioning participants and their roles, a communication and management plan, an outline of the scope of commissioning tasks, and a schedule. Where possible, include copies of the completed start up checklists. The commissioning report should contain the analysis of whether each commissioned system or component meets the design intent, specifications, was properly installed, passed the functional performance tests, was properly documented in the O&M manuals, and was covered in the operator training.   |   |  |   |      |                                  |                              |  |                                       |                              |  |
| E3.02     | 5  | <p><b>Advanced Building Systems Commissioning:</b> Complete Fundamental Commissioning and the following commissioning process (CxP) activities for mechanical, electrical, plumbing, and renewable energy systems and assemblies in accordance with ASHRAE Guideline 0-2005 and ASHRAE Guideline 1.1-2007 for HVAC&amp;R systems, as they relate to energy, water, indoor environmental quality, and durability. In addition to fundamental commissioning the CxA:</p> <ol style="list-style-type: none"> <li>1. Review contractor submittals.</li> <li>2. Verify inclusion of systems manual requirements in construction documents.</li> <li>3. Verify inclusion of operator and occupant training requirements in construction documents.</li> <li>4. Verify systems manual updates and delivery.</li> <li>5. Verify operator and occupant training delivery and effectiveness.</li> <li>6. Verify seasonal testing.</li> <li>7. Review building operations 10 months after substantial completion.</li> <li>8. Develop an on-going commissioning plan.</li> </ol> <p>The minimum requirements for serving as the commissioning agent for advanced commissioning are serving as the commissioning agent of record on at least two (2) projects certified by a state or nationally recognized green certification program.</p>   | Copy of signed contract explaining scope of work (contract amount may be excluded). Provide a copy of the CxA design document review report provided to the owner and design team, provide a copy of the review notes of the specifications provided to the design team, provide a copy of the owner manual for re-commissioning and copy of building operation review contract.  |   |  |   |      |                                  |                              |  |                                       |                              |  |
| E3.03     | 1  | <p><b>Additional Building Systems Commissioning:</b> Commissioning shall also include building envelope, elevators, commercial kitchen equipment, and any other equipment as recommended by the CxA.</p>   | Copy of signed contract explaining scope of work (contract amount may be excluded) and a letter from the CxA or the building owner stating all CxA duties were completed. Also, should include a list of equipment from the CxA that they recommended for additional commissioning.   |   |  |   |      |                                  |                              |  |                                       |                              |  |
| <b>E4</b> | <b>60</b>  | <b>34</b>  | <b>Energy Performance Improvement (max of 60pts)</b>  | <b>Energy Performance Improvement</b>   |  |   |      |                                  |                              |  |                                       |                              |  |
|           | 0-60   | 34   | Submit performance based energy calculations indicating base/required energy performance for passing Florida Energy code and designed building energy performance of the building as designed. For example, if using Energy Gauge Summit® the results report indicates the "Passing Criteria" and the "Design (including any credits) numbers. These are the numbers used to calculate the energy performance percentage better than code used to determine the   | A copy of the Florida Energy Code calculations and input summary. Note the following inputs into the Energy Code calculations will be verified with the field installed design/equipment. Please submit stamped, approved and signed construction submittals, OR representative photos and detailed photos of the air handlers, condensing units, roof-top units, glazing stickers, water heaters, insulation and lighting. The following Energy performance inputs will be verified: lighting, wall construct and insulation, window solar heat gain coefficient and u-factors, roof construct and insulation, system types and efficiencies, water heaters and exterior lighting. |  |   |      |                                  |                              |  |                                       |                              |  |
|           |  |  | <p><b>Earn 2 points for each percentage point below Florida Energy Code up to 60 points.</b></p> <table border="1"> <tr> <td>85</td> <td>Passing Requires (X%)</td> <td rowspan="3">Note: This information is usually found on the bottom of page 4 or top of page 5 of the Energy Gauge Summit Output Report</td> </tr> <tr> <td>70.3</td> <td>Proposed Building is at (Y%)</td> </tr> <tr> <td>1255784</td> <td>Enter the buildings total kWh projected annually</td> </tr> </table> <p>Energy Performance Improvements greater than 30% below the Florida Energy Code:<br/>It is FGBC's intent to encourage conservation and the reduction of energy use in the building environment. The FGBC Certification programs are designed to encompass a broad spectrum of green building and sustainable construction practices including energy, water, site, health, materials, and disaster mitigation. If your project achieved the required minimum points in each category the project may claim additional points, 2 points for each percentage greater than 31% energy use reduction, in the innovative credit category.</p> | 85  | Passing Requires (X%)                                | Note: This information is usually found on the bottom of page 4 or top of page 5 of the Energy Gauge Summit Output Report | 70.3 | Proposed Building is at (Y%)     | 1255784                      | Enter the buildings total kWh projected annually |                                       |                              |  |
| 85        | Passing Requires (X%)                                | Note: This information is usually found on the bottom of page 4 or top of page 5 of the Energy Gauge Summit Output Report  |   |   |  |   |      |                                  |                              |  |                                       |                              |  |
| 70.3      | Proposed Building is at (Y%)                         |  |   |   |  |   |      |                                  |                              |  |                                       |                              |  |
| 1255784   | Enter the buildings total kWh projected annually     |  |   |   |  |   |      |                                  |                              |  |                                       |                              |  |
| <b>E5</b> | <b>20</b>  | <b>0</b>   | <b>Renewable Energy Production</b>  | <b>Renewable Energy Production</b>  |  |   |      |                                  |                              |  |                                       |                              |  |
|           | 1-20   |  | Supply a fraction of the building's total energy use (as expressed as a fraction of annual energy cost) through the use of on-site renewable energy systems. 1 point per 1% of the building power provided. Maximum 20 points.  | Provide a copy of the contract for the purchase of renewable energy indicating the types of renewable purchased and the total kWh of energy production capacity.  |  |   |      |                                  |                              |  |                                       |                              |  |
|           |  |  | Annual Energy Production from Renewable Energy Features (kWh)   |   |  |   |      |                                  |                              |  |                                       |                              |  |
| <b>E6</b> | <b>4</b>   | <b>0</b>   | <b>Green Power</b>  | <b>Green Power</b>  |  |   |      |                                  |                              |  |                                       |                              |  |
|           | 1-3  |  | Provide a percentage of the building's electricity from renewable sources by engaging in at least a one-year renewable energy contract to purchase green power. Earn one point for each 50% of the building total annual energy demand from certified green power generator for one year, i.e. purchase/contract 50% for 1 year, 2 points purchase/contract 100% for 1 year OR 3 points for 100% for 2 years. The FGBC Checklist requires that you enter the kWh that are being purchased and the length of the contract.   | Provide a copy of the green power purchase contract.  |  |   |      |                                  |                              |  |                                       |                              |  |
|           |  |  | <table border="1"> <tr> <td></td> <td>Enter the kWh purchased with a certified green power</td> <td>1 point for 50% for 1 year</td> </tr> <tr> <td></td> <td>Percent of Green Power Purchased</td> <td>2 points for 100% for 1 year</td> </tr> <tr> <td></td> <td>Enter the number of years of contract</td> <td>3 points for 100% for 2 year</td> </tr> </table>   |   | Enter the kWh purchased with a certified green power | 1 point for 50% for 1 year  |      | Percent of Green Power Purchased | 2 points for 100% for 1 year |  | Enter the number of years of contract | 3 points for 100% for 2 year |  |
|           | Enter the kWh purchased with a certified green power | 1 point for 50% for 1 year   |   |   |  |   |      |                                  |                              |  |                                       |                              |  |
|           | Percent of Green Power Purchased                     | 2 points for 100% for 1 year   |   |   |  |   |      |                                  |                              |  |                                       |                              |  |
|           | Enter the number of years of contract                | 3 points for 100% for 2 year   |   |   |  |   |      |                                  |                              |  |                                       |                              |  |
|           | 1  |  | Certified Green Power is provided by renewable generation in Florida  |   |  |   |      |                                  |                              |  |                                       |                              |  |
| <b>E7</b> | <b>2</b>   | <b>0</b>   | <b>Daylight Sensors</b>   | <b>Daylight Sensors</b>   |  |   |      |                                  |                              |  |                                       |                              |  |
|           | 1-2  |  | Earn one point for 50% or 2 points for greater than 75% of the building, based on total square feet, which are equipped with daylighting sensors. Daylighting sensors installed shall provide controls that automatically reduce lighting power in response to available daylighting either by continuous daylight dimming OR a combination of stepped switching and daylight-sensing automatic controls, which are capable of incrementally reducing the light level in step automatically and turning the lights off automatically.   | Floor plan with location of daylight sensors, approved submittals and photos of installed sensors.  |  |   |      |                                  |                              |  |                                       |                              |  |

|                                      |           |          |   |  |  |
|--------------------------------------|-----------|----------|---|--|--|
|                                      |           |          | Enter the total Square Feet (SF) of Building that is illuminated (include conditioned and unconditioned)  | 1 point $\geq$ 50% and $<$ 75% of building square footage equipped with daylight sensors   |  |
|                                      |           |          | Enter the total interior SF of building that has installed daylight sensors   | 2 points $\geq$ 75% of building square footage equipped with daylight sensors  |  |
|                                      |           |          | Percent of building with Daylight Sensors   |  |  |
| <b>E8</b>                            |           |          | <b>Occupancy Sensors</b>  |  | <b>Occupancy Sensors</b>                                 |
|                                      |           |          | This credit has been removed as occupancy sensors are required by the 2020 Florida Building Code  |  |  |
| <b>E9</b>                            | <b>1</b>  | <b>1</b> | <b>Interior Lighting</b>  |  | <b>Interior Lighting</b>                                 |
|                                      | 1         | 1        | Building lighting is designed to turn off after regular business hours. This may be achieved by lighting controls, timers, or motion, occupancy, vacancy sensors with override. Lighting required for safety and security except.   | Provide electrical drawings, approved submittal for sensors and photos of installed sensors  | CONTROL PLAN SHOWS TIME CLOCKS - NEED CUTSHEETS FROM GC  |
| <b>E10</b>                           | <b>5</b>  | <b>2</b> | <b>Lighting Power Density</b>   |  | <b>Lighting Power Density</b>                            |
|                                      | 1-5       | 2        | Design and construct such that the average lighting power density for the building, which includes conditioned space and enclosed spaces defined as enclosed with doors, windows and roof (for instance fire truck bay) and which excludes the structures exterior and parking area shall be $\leq$ 0.7 W/SF.<br>1 point $\leq$ 0.7W/sf<br>2 point $\leq$ 0.6W/sf<br>3 point $\leq$ 0.5W/sf<br>4 point $\leq$ 0.4W/sf<br>5 point $\leq$ 0.3W/sf   | Signed approved lighting submittal, photos of installed lighting. Provide the Watt per square foot calc that support the 1-5 points claimed.   | CALCS COMPLETE - NEED APPROVED CUTSHEETS TO MATCH CALCS. |
| <b>E11</b>                           | <b>3</b>  | <b>0</b> | <b>Exterior Lighting Efficiency</b>   |  | <b>Exterior Lighting Efficiency</b>                      |
|                                      | 3         |          | Meet or exceed the efficiency requirements of the 2018 IECC Chapter 4 Commercial Energy Efficiency for Exterior Lighting C405.4.2.  | Signed approved lighting submittal, photos of installed lighting and Watt per square foot calc.  | NOT LIKELY   |
| <b>E12</b>                           | <b>2</b>  | <b>0</b> | <b>Solar</b>  |  | <b>Solar Study</b>                                       |
|                                      | 2         |          | Project team conducts solar study of project site and building location – To receive this credit the team must document and submit the design or orientation modification that were incorporated into the project to reduce solar heat gain as a result of the solar study.   | Submit the design or orientation modification that was incorporated into the project to reduce solar heat gain as a result of the solar study. Provide copies of the solar study graphics and outputs. |  |
| <b>E13</b>                           | <b>10</b> | <b>5</b> | <b>Energy Monitoring Interface</b>  |  | <b>Energy Monitoring Interface</b>                       |
|                                      | 5-10      | 5        | Install a building user feedback system that indicates the real time building energy consumption. The monitoring interface should be available to facility or building manager. If the building uses renewable energy generation on site, the energy generated from renewable sources should also be displayed. To receive 5 points the energy monitoring interface must be centrally located in a public or common space with appropriate signage. To receive 10 points the energy monitoring interface should be available at multiple feedback points and provide an interface at each building occupant work station. | A floor plan showing the location of the energy monitoring interface device(s), approved submittal for system and photos of the device(s) with the installed information sign.                         | BUILDING AUTOMATION - M3.5 + M3.6 NEED CUTSHEETS FROM GC |
|                                      |           |          | 5 points Single system in common area   |  |  |
|                                      |           |          | 10 Points System has multiple feedback points AND may be viewed by every building occupant  |  |  |
| Name of Designated Professional      |           |          |   |  |  |
| Phone Number and E-mail Address      |           |          |   |  |  |
| Portfolio Manager Access Information |           |          |   |  |  |

V4 Rev. 1

**CATEGORY 3: WATER**

Required Category Minimum (30)

PROJECT POINT ESTIMATE: Use the drop down menus to complete your project estimate. The "Final Project Points" columns (B & C) will be used to score your project. All DARK shaded cells calculate Automatically, All LIGHT shaded cells require user input.

| FINAL PROJECT POINTS  |  |    | Category 3: Water Points  | Description  | Submittal   | Designated Professional Notes   |                                 |   |         |   |   |   |                                 |
|---|--|----|---|--|---|---|---------------------------------|---|---------|---|---|---|---------------------------------|
| Total Points Available  | Final Points Achieved  |    |   |  |   |   |                                 |   |         |   |   |   |                                 |
| 110   | 31   |    | <b>Prerequisites</b>  |  |   | <b>Prerequisites</b>  |                                 |   |         |   |   |   |                                 |
| To qualify for certification, each project must comply with the 4 prerequisites below and accumulate 30 points, the required category minimum. Use the drop down menus to enter the status of your prerequisites. |  |    |   |  |   |   |                                 |   |         |   |   |   |                                 |
| Prereq 1  | R  |    | No Invasive Plants  | Landscape comprised of no invasive plants. NO category 1 plants. Use of no category II plants is highly recommended.   | Landscape plan, plant list and photos of installed landscaping.   |   |                                 |   |         |   |   |   |                                 |
| Prereq 2  | R  |    | Irrigation zones for turf and landscape beds are separate.  | Implemented landscape design must separate irrigation zones for turf and landscape beds.   | Landscape plan indicating vegetation and irrigation zones, location, and type of controller. Photos of installed landscape.   |   |                                 |   |         |   |   |   |                                 |
| Prereq 3  | R  |    | Rain shut off device installed CORRECTLY and operable   | Verify correct installation of a Rain shut off device for irrigation per Florida Statutes 373.62 effective May 1, 1991 and field verify that the device is operating correctly.  | Field inspection report signed by a responsible team member indicating that the rain shut off device is correctly functioning.  |   |                                 |   |         |   |   |   |                                 |
| Prereq 4  | R  |    | Drought Tolerant Landscape, 50%   | Landscape area is a minimum of 50% Drought Tolerant Plant  | Plant list for the project specifically identifying Florida Friendly low water plants and calculation of percent drought tolerant vegetation.   |   |                                 |   |         |   |   |   |                                 |
| W1  | 20   | 8  | <b>Interior Water Use</b>   |  |   | <b>Prerequisites</b>  |                                 |   |         |   |   |   |                                 |
| W1.01   | 1-3  | 1  | Toilets   | 1 point ≤ 1.28 gallons per flush (gpf)<br>2 points dual flush w/ one flush option ≤ 1.28 gpf and one ≤ 1.1 gpf<br>3 points all single-flush toilets with ≤ 1.1 gpf   | All installed toilets must have a minimum MaP (Maximum Performance) rating of 800 OR are WaterSense Certified. For Dual Flush toilets, to receive one point, ONE of the two flush options must be ≤ 1.1gpf. | Signed approved submittal and photos of installed fixtures.   | NEED APPROVED CUTSHEETS FROM GC |   |         |   |   |   |                                 |
|   |  |    | W1.02   | 1-3  |   |   |                                 | 2 | Urinals | 1 point ≤ 0.5 gpf<br>2 point all urinals ≤ 0.125 (1 pint)<br>3 points waterless | All installed urinals must have flow rate of less than 0.5 gpf or be waterless. | Signed approved submittal and photos of installed fixtures. | NEED APPROVED CUTSHEETS FROM GC |
|   |  |    |   |  |   |   |                                 |   | W1.03   | 2-3   |   |   |                                 |
| W1.04   | 1-4  | 1  | Kitchen Faucets   | 1 point ≤ 2.0 gpm<br>2 points ≤ 1.75 gpm<br>3 point ≤ 1.5 gpm<br>4 points ≤ 1.0 gpm  | All kitchen faucets must have a flow rate less than or equal to 2.0 gpm. This includes break rooms, commercial kitchen or any other kitchen.  | Signed approved submittal and photos of installed fixtures.   |                                 |   |         |   |   |   |                                 |
| W1.05   | 1-4  | 2  | Showerheads   | 1 point ≤ 2.2 gpm<br>2 points ≤ 2.0 gpm<br>3 points ≤ 1.75 gpf<br>4 points ≤ 1.5 gpf   | All install showerheads with flow rate less than or equal to 2.2 gallon per minute (gpm).   | Signed approved submittal and photos of installed fixtures.   |                                 |   |         |   |   |   |                                 |
| W1.06   | 1-3  | NA | Dishwashers   | 1 point All residential style dishwashers are Energy Star Qualified with Water Factor (WF ≤ 7.0)<br>2 points All residential style dishwashers are Energy Star Qualified with Water Factor (WF ≤ 5.8)<br>3 points. All commercial dishwasher <1.2 gallons per rack for fill and dump machines or < 0.9 gallons per rack for all other types. Under counter machines < 1.0 gallon per rack for high temperature and < 1.7 gallon per rack for low temperature | All installed dishwashers must be Energy Star qualified with a Water Factor (WF) of 7.0 or less. Dishwashers installed in commercial kitchens must be Energy Star Qualified.                                | Signed approved submittal and photos of installed fixtures.   |                                 |   |         |   |   |   |                                 |
| W2  | 29   | 0  | <b>Greywater Reuse</b>  |  |   | <b>Greywater Reuse</b>  |                                 |   |         |   |   |   |                                 |
| W2.01   | 1  |    | Air conditioner condensate collected and used to reduce potable water use   | Greywater system is installed to reduce demand on potable water. System must have a specific collection source and a   | Construction drawings indicating design and location of system  |   |                                 |   |         |   |   |   |                                 |
| W2.02   | 3-28   |    | Greywater System - dual piping system is installed throughout building  | Greywater system is installed to reduce demand on potable water. System must have a specific collection source and a   | Construction drawings indicating design and location of system, approved submittal for system and photos of installed system  |   |                                 |   |         |   |   |   |                                 |
|   |  |    | 3 point   | Collect, treat, and use AC condensate as a supplement for potable water.   |   |   |                                 |   |         |   |   |   |                                 |
|   |  |    | 10 points   | Collect, treat, and use greywater from all commercial spaces to supply the water used for irrigation OR for cooling tower make up  |   |   |                                 |   |         |   |   |   |                                 |
|   |  |    | 5 points  | Collect, treat, and use greywater from all interior sources to supply the water used for toilet/urinal flushing. Collected and treated greywater must supply a minimum of 25% of the water required for toilet/urinal flushing.  |   |   |                                 |   |         |   |   |   |                                 |
| 10 points   | Collect, treat, and use greywater from all interior sources and treated to potable standards for use throughout the building. Greywater collected must provide a minimum of 25% of the buildings annual water use. |    |   |  |   |   |                                 |   |         |   |   |   |                                 |
| W3  | 18   | 0  | <b>Reduce Potable Water Use</b>   |  |   | <b>Reduce Potable Water Use</b>   |                                 |   |         |   |   |   |                                 |
| W3.01   | 2-15   |    | <b>Rainwater Harvesting</b> -Install rainwater harvesting collection and storage system. The minimum requirement for this credit is a simple collection system, which for all intents and purposes would be for demonstration. Achieve additional points, per the break down below, as the rainwater collection system increases in functional use to replace both potable and non potable water. | Construction drawings indicating design and location of system, signed approved submittal of system installed and photos of installed system.  |   |   |                                 |   |         |   |   |   |                                 |
|   |  |    | 2 points  |  |   | Collect, treat, and use rainwater to supply 50.0% of the water used for irrigation.   |                                 |   |         |   |   |   |                                 |
|   |  |    | 5 points  |  |   | Collect, treat, and use rainwater to supply 100.0% of the water used for irrigation.  |                                 |   |         |   |   |   |                                 |
|   |  |    | 2 points  |  |   | Collect, treat, and use rainwater to supply 1.0% of the annual cooling tower make up water.                                     |                                 |   |         |   |   |   |                                 |
|   |  |    | 5 points  |  |   | Collect, treat, and use rainwater to supply 2.0% of the annual cooling tower make up water.                                     |                                 |   |         |   |   |   |                                 |
|   |  |    | 2 points  |  |   | Collection for toilet/urinal flushing. Collected rainwater must supply a minimum of 25% of the water required for toilet/urinal |                                 |   |         |   |   |   |                                 |
|   |  |    | 5 points  |  |   | Collected and treated to potable standards for whole building use: Water is treated to potable standards and supplements whole  |                                 |   |         |   |   |   |                                 |



### Category 4: Site

Required Category Minimum (10)

PROJECT POINT ESTIMATE: Use the drop down menus to complete your project estimate. The "Final Project Points" columns (B & C) will be used to score your project. All DARK shaded cells calculate Automatically, All LIGHT shaded cells require user input.

| FINAL PROJECT POINTS   |                       |    | Category 4: Site   | Description  | Submittal   | Designated Professional Notes  |
|------------------------|-----------------------|----|--|--|---|--|
| Total Points Available | Final Points Achieved |    |  |  |   |  |
| 91                     | 42                    |    |  |  |   |  |
|                        |                       |    | <b>Prerequisites</b>   | To qualify for certification, each project must comply with the 1 prerequisite below and accumulate 10 points, the required category minimum. Use the drop down menus to enter the status of your prerequisite.  |   | <b>Prerequisites</b>   |
| <b>Prereq 1</b>        | R                     |    | Stormwater Pollution Prevention Plan (SWPPP) and Florida Department of Environmental Protection (FDEP) Notice of Intent (NOI) onsite                                     | Keep copy of SWPPP & FDEP National Pollutant Discharge Elimination System (NPDES) Notice of Intent (NOI) onsite for contractor to implement & maintain SWPPP Best Management Practices (BMP) as designed by civil engineer or SWPPP designer. For projects less than 1 acre, implement SWPPP on site as designed by the project Civil Engineer.  | Details of stormwater pollution prevention plan and photos of installed stormwater pollution prevention measures.   |  |
| <b>S1</b>              | 3                     | 0  | <b>FDEP Professional</b>   |  |   | <b>FDEP Professional</b>   |
|                        | 3                     |    | FDEP Professional  | The general contractor has on staff or contracts with a FDEP Certified Erosion and Sedimentation Control Professional (Tier 2).  | Name of Certified FDEP Professional and a copy of the page of the permit application identifying the FDEP individual and their contact information.   |  |
| <b>S2</b>              | 26                    | 15 | <b>Site Selection</b>  |  |   | <b>Site Selection</b>  |
| S2.01                  | 1                     | 1  | Select Appropriate Site  | Do not develop buildings, roads, or parking areas on portions of sites that meet any one of the following criteria:<br><ul style="list-style-type: none"> <li>•Prime farmland as defined by the United States Department of Agriculture.</li> <li>•Land which elevation is lower than 5 feet above the elevation of the 100-year flood as defined by FEMA.</li> <li>•Land that is specifically identified as habitat for any species on Federal or State threatened or endangered lists.</li> <li>•Within 100 feet of any water including wetlands as defined by 40 CFR, Parts 230-233 and Part 22, and isolated wetland or areas of special concern identified by state or local rule OR greater than distances given in state or local regulations as defined by local or state rule or law, whichever is more stringent.</li> </ul> Land which prior to acquisition for the project was public parkland, unless land of equal or greater value as parkland is accepted in trade by the public landowner (Park Authority projects are exempt). | Provide a site plan, in context, so the credit criteria may be verified and a letter from the building owner or civil engineer confirming site as appropriate.  | COMPLIES   |
| S2.02                  | 1                     | 1  | Urban Growth Boundary  | Locate building on a site that is located inside the designated Urban Growth   | Map of Urban Growth Boundary with project site identified.  |  |
| S2.03                  | 1                     |    | Permit Ready Site  | Locate building on a site that is listed as "Permit Ready" and designated by local government as preferred growth area. Sites such as:<br>1. Parcels on a master concept plan designated for future use<br>2.EPA National Priorities List, Federal Empowerment Zones<br>3.Federal Enterprise Communities<br>4.Department of Treasury Community Financial Institutions Fund Qualified Low-income Communities<br>5.U.S. Department of Housing and Urban Development Qualified Census Tract (QCT) or Difficult Development Areas (DDA)  | Letter from the local government indicating that the site is "permit ready" or a preferred site targeted for development.   |  |
| S2.04                  | 3                     | 3  | Greyfield/Redevelopment of an existing site  | Locate the building on a site that has existing hardscape or other structure that must be replaced. To achieve this credit, the site must have utility connections available within 1/8 mile boundary.   | Copy of a site plan with the existing conditions at the time of permit application. Copy of Civil demolition plan   |  |
| S2.05                  | 5                     |    | Brownfield Redevelopment<br>5 points for site (soil and groundwater) contamination   | Development of any EPA or Federal/State/Local Government Classified Brownfield and provide remediation as required by EPA's Sustainable Redevelopment of Brownfields Program.  | Provide a copy of the Phase II Environmental Site Assessment OR a letter from a local, state or federal regulatory agency confirming that the site is classified as a brownfield.                         |  |
| S2.06                  | 2-4                   | 4  | Access to Public Transportation:<br>2 Points: 60 weekday and 40 weekend trips<br>3 Points: 76 weekday and 50 weekend trips<br>4 Points: 100 weekday and 65 weekend trips | Site is located within 1/2 mile of an existing or funded rail node OR within 1/4 mile of at least 1 active bus stop (this must be measured as a safe walk).  | Regional/Local drawing or transit map highlighting the building location and the fixed rail stations and bus lines and indicate the distances between them. Include a scale bar for distance measurement. | 944 FEET FROM SITE IS BUS STOP - ROUTE 1, WITH 24-HOUR TRANSIT ACCESSIBILITY. WITHIN 921 FEET IS THE DELRAY BEACH FREEBEE ON-DEMAND SHUTTLE. |
| S2.07                  | 1                     |    | Adjacent to dense residential development  | Locate the building on a site that is within 1 mile of residential developments with the minimum density of 20 units per acre (this can be measured as the crow flies). Buildings that integrate residential units at a density of 20 dwelling units per acre also qualify for this credit.  | Area map that identifies adjacent properties, their use, and the building site.   |  |

|        |                    |                      |  |   |  |                                     |
|--------|--------------------|----------------------|--|---|--|-------------------------------------|
| S2.08  | 1-10               | 6                    | Access to Basic Services-1 point awarded for each 3 unique services                        | Locate the building on a site that is within 1/2 mile of and has safe and walkable access to basic services (this can be measured as the crow flies). Each type of service may only be counted once, i.e. if there are 3 banks, for the purposes of this checklist that is equal to ONE service. Services include:  | Aerial context map with building location, and location and type of basic services within 1/2 mile.  |                                     |
|        |                    | 13                   | Total number of services within 1/2 mile   |   |  |                                     |
| points | number of services |                      | Bank   | Yes   | Medical or dental office   |                                     |
| 1      | 3 services         | Yes                  | Beauty Shop  | Yes   | Pharmacy   |                                     |
| 2      | 5 services         |                      | Bike Share Station   | Yes   | Place of worship   |                                     |
| 3      | 7 services         |                      | Civic Center   |   | Police station   |                                     |
| 4      | 9 services         |                      | Community Center   |   | Post office  |                                     |
| 5      | 11 services        | Yes                  | Convenience store  | Yes   | Restaurant   |                                     |
| 6      | 13 services        |                      | Daycare center   | Yes   | School   |                                     |
| 7      | 15 services        | Yes                  | Dry Cleaners   | Yes   | Senior Care Facility   |                                     |
| 8      | 17 services        |                      | Fire station   | Yes   | Supermarket  |                                     |
| 9      | 19 services        | Yes                  | Fitness center or gym  |   | Theater  |                                     |
| 10     | ≥ 25 services      |                      | Laundromat   | Yes   | Other Neighborhood-serving retail  |                                     |
|        |                    |                      | Library  |   | Other office building or major employment center   |                                     |
|        |                    |                      | Local Government Facility  | Yes   | Unique Service not stated in list  |                                     |
| S3     | 9                  | 2                    | <b>Site Enhancement</b>  |   | <b>Site Enhancement</b>  |                                     |
| S3.01  | 2                  |                      | Wetland Protection and Enhancement   | Sites located within 100 feet of wetlands shall restore the wetland and provide a minimum of a 25 foot buffer of uplands that include native vegetation, no irrigation, and signs indicating that the area is a restored  | Site map identifying wetlands, plant list and restoration plan, delineating 25' upland buffer and showing that no irrigation will be installed within the 25' upland buffer.   |                                     |
| S3.02  | 1                  |                      | Minimize Site Disturbance  | Limit site disturbance to a maximum of 40 feet beyond the building  | Copy of project site indicating building footprint, square footage of building   |                                     |
| S3.03  | 2-4                |                      | Site Open Space<br>2 points: Increased Open Space<br>4 points: Increased Shaded Open Space | Exceed minimum zoning requirements for open space by 25%. Stormwater retention/detention areas may be included in the open space calculations if they are specifically designed for dual use/function, for example, recreation areas that function as dry detention may be included in the calculation. Earn additional points for shaded open space: a minimum of 50% of the open space must be shaded by structures or vegetation within 10 years.  | Provide a site plan with the building footprint, square footage of building footprint (or a copy of the local zoning open space requirements) that shows the designated open space and landscape plan. If claiming shaded area using trees, also provide a list of trees and their projected canopies after 10 years |                                     |
| S3.04  | 1                  | 1                    | Sidewalks  | Provide sidewalks for all paths marked for use by the building occupants. Sidewalks shall be a minimum of 5' wide (unless connecting to a sidewalk of different width), stable, firm, slip-resistant materials.   | Site plan showing sidewalks and photos of completed installed sidewalks.   |                                     |
| S3.05  | 1                  | 1                    | Connectivity   | Provide connections to adjacent sites via sidewalks, bike paths, and trails. A minimum of a 2-mile radius of connectivity must be provided to claim this  | Site plan showing connections and trails. Include photos of completed site identifying connectivity features.  |                                     |
| S4     | 17                 | 9                    | <b>Reduce Heat Islands - Hardscape</b>   |   | <b>Reduce Heat Islands-Hardscape</b>   |                                     |
| S4.01  | 1-3                |                      | Parking Capacity   | Pursue parking reduction via waiver, variance, or shared parking agreement. Parking quantity required must be less than the base parking ratio calculation.<br>Points:1-3<br>1 point: Provide less parking than required by the base parking ratio calculation.<br>1 point: Enter into a shared parking use agreement with surrounding properties.  | Provide a calculation of the zoning required parking spaces, a letter from the local jurisdiction indicating the projects parking requirements and a site plan with a total parking count.   |                                     |
| S4.02  | 3                  | 3                    | Under Building or Structured Parking   | A minimum of 50% of the space under the building shall be used for parking.   | Provide construction drawings and photos of structured parking.  | OVER 50% OF THE BUILDING IS PARKING |
| S4.03  | 2-4                | 0                    | Shaded, Covered or High Albedo Hardscape   | Shade, cover or use high albedo hardscape for a minimum of 40% of the site hardscape. For the purpose of this credit site hardscape includes roads, sidewalks, courtyards, amenity decks, and parking lots. Areas square footage that may be included in this calculation are hardscape shading by trees within 10 years, structures with roof materials with a SRI ≥ 78 or a LRV ≥ 50, structured parking or hardscape with a SRI > 35. The building footprint, i.e. square footage of roof, is NOT considered hardscape unless used as a rooftop terrace amenity. Hardscape shaded by photovoltaic panels or other systems that are generating electricity can be included in the shade square footage calculation and are exempt from meeting the SRI ≥ 78 requirement | Provide a site plan identifying all the site features and hardscape quantities. Provide approved submittals and photos of hardscape materials and photos of installed hardscape.   |                                     |
|        | Points             | Reflective or Shaded |  |   |  |                                     |
| 1      |                    | ≥ 20% and < 40%      | Enter the total SF of hardscape shaded by trees or structures with roof SRI > 78           |   |  |                                     |
| 2      |                    | ≥ 40% and < 60%      | Enter the total SF of hardscape shaded by structured parking                               |   |  |                                     |
| 3      |                    | ≥ 60% and < 80%      | Enter the total SF of hardscape that has a SRI > 35  |   |  |                                     |
| 4      |                    | ≥ 80%                | Enter the total SF of hardscape that is shaded by solar electric devices                   |   |  |                                     |
|        |                    | 0.0%                 | Total Shaded Hardscape   |   |  |                                     |
| S4.04  | 1-3                | 3                    | Compact or Automated Parking   | Incorporate lifts, elevators, or valet parking to reduce the structure required to support the parking demands of the high rise. Earn 1 point if a minimum of 10% of the total parking spaces provided are stack parking, elevators, or lifts. Earn 2 points for 20% and 3 points for 30%. Three points are also available if the project has 100% valet parking.   | Detail and description of plan and system  |                                     |
|        |                    |                      | 1 point  | ≥ 10% stacked parking   |  |                                     |
|        |                    |                      | 2 points   | ≥ 20% stacked parking   |  |                                     |
|        |                    |                      | 3 points   | ≥ 30% stacked parking   |  |                                     |
|        |                    |                      | 3 points   | 100% Valet parking  |  |                                     |
|        |                    |                      | Alternative Fuel Vehicles  | Provide preferred parking and or accommodations based on the requirements listed below, for alternative fuel, hybrid, high capacity or electrical vehicle. Points are available based on the percentage of preferred  | Plan identifying location of preferred parking, description of charging apparatus and photos of installed equipment  | REVIEW WITH OWNER - A1.00           |
|        |                    |                      | 1 point  | 3% of the total parking spaces provided are designated for alternative fuel, hybrid, high capacity or electrical  |  |                                     |

|        |                                     |       |   |  |  |  |   |
|--------|-------------------------------------|-------|---|--|--|--|---|
| S4.05  | 1-4                                 | 3     | 1 point   | 10% of the total parking spaces are designed and constructed to include conduit and dedicated electrical capacity that will allow for non invasive installation of | parking and type of accommodations installed.  |  |   |
|        |                                     |       | 2 points  | 1.5% of the total parking spaces provided are designated for electrical vehicle charging. Provide a minimum of one 220 volt 40 Amp outlet at each                  |  |  |   |
|        |                                     |       | 3 points  | 3% of the total parking spaces provided are designated for electrical vehicle charging. Provide a minimum of one 220 volt 40 Amp outlet at each parking space      |  |  |   |
| S5     | 4                                   | 4     | <b>Reduce Heat Islands - Roof</b>                                   |  |  |  | <b>Reduce Heat Islands - Roof</b>   |
|        | 1-4                                 | 4     | Roof is designed to reduce heat island effect                       |  | To qualify for this credit, the roof materials must be Energy Star, have a SRI >= 60 or be a vegetated roof structure. If vegetated, the vegetated roof must have a minimum of 80% Florida friendly low water vegetation installed. One point is awarded for each 20% of roof area that is reflective, vegetated, or shaded by solar electric devices. The Checklist requires that you enter the total square footage of the roof and the square footage of Energy Star, high reflectance, and vegetated roof. It will return the percentage and award points. | Provide a roof drawing with area calculations, signed approved submittal of roof materials and photos of installed roofing where possible.             | ASSUMES WHITE TPO - CONFIRM WITH APPROVED CUTSHEET  |
| Points | Reflective, Shaded, Vegetated Roof  | 55330 | Enter the total SF of roof  |  |  |  |   |
| 1      | ≥ 20% and < 40%                     | 55330 | Enter the total SF of roof that has a SRI >= 78                     |  |  |  |   |
| 2      | ≥ 40% and < 60%                     | 0     | Enter the total SF of roof that is shaded by solar electric devices |  |  |  |   |
| 3      | ≥ 60% and < 80%                     | 0     | Enter the total SF of roof that is vegetated                        |  |  |  |   |
| 4      | ≥ 80%                               | 0     | Enter the total SF of roof that is vegetated                        |  |  |  |   |
|        |                                     | 100%  | <b>Total Reflective, Shaded or Vegetated Roof</b>                   |  |  |  |   |
| S6     | 4                                   | 0     | <b>Reduce Heat Islands - Building</b>                               |  |  |  | <b>Reduce Heat Islands - Building</b>   |
|        | 1-4                                 | 0     | Reduce heat island as a result of vertical construction             |  | To qualify for this credit, a minimum of 20% of the exterior wall surface area minus the glazing must have a LRV or SRI >= 60 for stucco and painted all finishes, a SRI ≥ 29 for metal and vinyl. Natural and man made stone products must be light in color and comparable to LRV≥ 60 point. If a documented reflectivity is not available this credit may only be awarded to white or "off white" finishes.   | Provide a cut sheet of the exterior wall coating/paint, shading calculations, and photos of building exterior.   |   |
| Points | Reflective or Shaded Exterior Walls |       | Enter the total SF of building surface area (minus glazing)         |  |  |  |   |
| 1      | ≥ 20% and < 40%                     |       | Enter the total SF building wall area that has a SRI >= 60          |  |  |  |   |
| 2      | ≥ 40% and < 60%                     |       | Enter the total SF of building that is shaded by trees              |  |  |  |   |
| 3      | ≥ 60% and < 80%                     |       | Enter the total SF of building that is shaded by trees              |  |  |  |   |
| 4      | ≥ 80%                               |       | Enter the total SF of building that is shaded by trees              |  |  |  |   |
|        |                                     |       | <b>Total Shaded Building Surface Area</b>                           |  |  |  |   |
| S7     | 18                                  | 6     | <b>Stormwater</b>   |  |  |  | <b>Stormwater</b>   |
| S7.01  | 1-3                                 | 0     | Less than 10 acres, less than 2 acres of impact (<10<2)             |  | Increase the quality of stormwater discharge. One point is available for each 50% improvement in water quality as calculated by the project civil engineer.  | Civil Engineer stormwater calculations.  |   |
|        |                                     |       | 1 point   | Enter the percent of water quality increase  |  |  |   |
|        |                                     |       | 2 points  | ≥ 50% and < 100% increase in water quality   |  |  |   |
|        |                                     |       | 3 points  | ≥ 100% and < 150% increase in water quality  |  |  |   |
|        |                                     |       | 3 points  | ≥ 150% increase in water quality   |  |  |   |
| S7.02  | 1-3                                 | 3     | Standard General  |  | Increase the quality of stormwater discharge. One point is available for a 50% increase in water quality and a maximum 85% predevelopment discharge. One additional point is available for each 10% decrease in predevelopment discharge.  | Civil Engineering stormwater calculations and narrative explaining how the design improves the water quality   | COMPLIES:<br>NITROGEN REMOVAL EFFICIENCY = 72.89% /<br>PHOSPHORUS REMOVAL EFFICIENCY 76.73% |
|        |                                     |       | 65%   | Enter the percent of predevelopment discharge  |  |  |   |
|        |                                     |       | 1 point   | ≥ 50% increase in water quality, ≤ 85% and > 75%   |  |  |   |
|        |                                     |       | 2 points  | ≥ 50% increase in water quality, ≤ 75% and > 65%   |  |  |   |
|        |                                     |       | 3 points  | ≥ 50% increase in water quality, ≤ 65%   |  |  |   |
| S7.03  | 1-3                                 | 0     | Treat Stormwater from adjacent sites                                |  | Collect and treat stormwater from adjacent properties to assist in controlling both the quantity and quality of stormwater in the community. Earn one point for each additional 10% of stormwater volume the project site can retain and treat.  | Civil Engineering stormwater calculations and narrative indicating quantity and treatment of stormwater collected from adjacent sites.                 |   |
|        |                                     |       | 1 point   | Enter the percent of additional stormwater collected and treated on the site   |  |  |   |
|        |                                     |       | 2 points  | Collect and treat an additional 10% to < 20%   |  |  |   |
|        |                                     |       | 3 points  | Collect and treat and additional 20% to < 30%  |  |  |   |
|        |                                     |       | 3 points  | Collect and treat and additional 30% or more   |  |  |   |
| S7.04  | 1-3                                 | 0     | Littoral Vegetation of Manmade Stormwater Detention                 |  | Littoral zone of man-made stormwater detention basins that function as wet ponds shall have a minimum of 50% of the pond bank vegetated with native wetland plants of diverse species in appropriate locations for the vegetation type. To create this landscaped littoral shelf, the slope between the normal water level elevation and three feet below the normal water level elevation should be no greater than 6:1. Earn one point for 50% of  | Plant list, detention pond design and photos of final installed stormwater system.   |   |
|        |                                     |       | 1 point   | Enter the percentage of pond bank covered by littoral  |  |  |   |
|        |                                     |       | 2 points  | ≥ 50% and < 75% of pond bank planted with littorals  |  |  |   |
|        |                                     |       | 3 points  | ≥ 75% and < 100% of pond bank planted with littorals   |  |  |   |
|        |                                     |       | 3 points  | 100% of pond bank planted with littorals   |  |  |   |
| S7.05  | 1-3                                 | 0     | Pervious Hardscape  |  | Install pervious hardscape for a minimum of 25% of the site. Site hardscape includes roads, sidewalks, courtyards, and parking lots. Hardscape may be porous pavers (open grid pavers) or permeable pavement (minimum percolation rate of 2 gal/min/SF and a minimum of 6 inches of open graded  | Site drawing with pervious hardscape identified, approved submittal of hardscape materials, percolation calculation and photos of installed hardscape. |   |
|        |                                     |       |   | Enter the total SF of hardscape  |  |  |   |
|        |                                     |       |   | Enter the total SF of pervious hardscape   |  |  |   |
|        |                                     |       |   | <b>Total Pervious Hardscape</b>  |  |  |   |
|        |                                     |       | 1 point   | ≥ 25% and < 50% pervious hardscape installed   |  |  |   |
|        |                                     |       | 2 points  | ≥ 50% and < 75% pervious hardscape installed   |  |  |   |
|        |                                     |       | 3 points  | ≥ 75% pervious hardscape installed   |  |  |   |
| S7.06  | 1-3                                 | 3     | Alternative Stormwater Detention                                    |  | Uses Low Impact Development (LID) alternatives to collect and treat  | Site design, stormwater calculations, construction details of low impact   | COMPLIES: 100% OF STORMWATER IS RETAINED ON SITE  |

|                                 |          |          |   |   |   |  |  |   |
|---------------------------------|----------|----------|---|---|---|--|--|---|
|                                 |          |          | <b>100%</b>   | <b>Stormwater percentage treated by Low Impact Development (LID) techniques</b> | stormwater. Alternative systems that qualify include rain gardens, bio-retention filtration systems, infiltration trenches, and vegetated roofing. A minimum of 50% of the stormwater collection and treatment must use the low impact development treatment system to achieve this credit. Earn one point if 50% of the site stormwater is collected using low LID techniques. Earn an additional point for each additional 25% of total site stormwater collected using LID techniques. | development designs and photos of final installed stormwater system.   | VIA INFILTRATION DRAINAGE, SEE STORMWATER REPORT BY CIVIL. |   |
|                                 |          |          | 1 point   | ≥ 50% and < 75% of stormwater is collected using LID techniques                 |   |  |  |   |
|                                 |          |          | 2 points  | ≥ 75% and < 100% of stormwater is collected using LID techniques                |   |  |  |   |
|                                 |          |          | 3 points  | 100% of stormwater is collected using LID techniques                            |   |  |  |   |
| <b>S8</b>                       | <b>4</b> | <b>4</b> | <b>Vehicular Transportation Alternatives</b>        |   |   |  |  | <b>Vehicular Transportation Alternatives</b>        |
| S8.01                           | 2        | 2        | Bicycle Storage                                     |   | Project must provide securing locations for minimum of 2 bicyclers (1 bike rack) or 1 bike rack per 5,000 square feet of retail and 5,000 SF of   | Site plan identifying bike racks and cut sheet of bike racks selected.   | 65,000 AC OF COMMERCIAL/5K=13. 14 PROVIDED                 |   |
| S8.02                           | 1        | 1        | Changing Rooms                                      |   | Project must provide a minimum of 1 changing room per 25,000 SF of building. Single bathrooms may qualify, gang style bathrooms do not.   | Floor plan that identifies changing room.  | 65,000 AC OF COMMERCIAL/25K=2.6. 2 CHANGING ROOMS PROVIDED |   |
| S8.03                           | 1        | 1        | Showering Facility                                  |   | Full time occupants have access to a shower facility, free of charge, located on site or in an immediately adjacent facility (within 200 yards). If the showers are located on site, one shower for each 5% full time equivalent  | Floor plan that identifies the showers.  | REQUIREMENT MET  |   |
| <b>S9</b>                       | <b>6</b> | <b>2</b> | <b>Exterior Lighting (not attached to building)</b> |   |   |  |  | <b>Exterior Lighting (not attached to building)</b> |
| S9.01                           | 1        |          | Meets Dark Sky Requirements                         |   | Design exterior lighting such that all exterior luminaires with more than 1000 initial lamp lumens are shielded and all luminaires with more than 3500 initial lamp lumens meet the Full Cutoff IESNA Classification. If the bulb exceeds 26W the lights shall be full cut off luminaires so that no light or brightness from those luminaires crosses the property boundary.   | Provide signed approved submittal and photos of installed lighting.  |  |   |
| S9.02                           | 1        | 1        | Lights Provide >95 lumens/watt                      |   | Exterior lighting selected provide a minimum of 95 lumens/watt.   | Provide signed approved submittal and photos of installed lighting.  | SITE PHOTOMETRY PROVIDED. NEED CUTSHEETS                   |   |
| S9.03                           | 1-3      |          | Lights are Solar Powered                            |   | Exterior lighting fixtures are equipped with solar panels. Site design and landscape design allow for maximum solar collection over the life of the PV's. Collectors must remain unobstructed from shade from trees (within the site boundaries) for 15 years.  | Cut sheets of lighting fixtures selected and a copy of the landscape plan that indicates mature growth does not obstruct lights. |  |   |
|                                 |          |          | 1 point   | 50% of site lighting  |   |  |  |   |
|                                 |          |          | 2 points  | 70% of site lighting  |   |  |  |   |
|                                 |          |          | 3 points  | 90% of site lighting  |   |  |  |   |
| S9.04                           | 1        | 1        | Exterior lighting is on timers or daylight sensors  |   | A minimum of 50% of the installed exterior lighting in controlled by timers   | Provide approved submittal of sensors or timer or lighting submittal indicating  | CONTROL PLAN W. SENSOR - NEED CUTSHEETS                    |   |
| Name of Designated Professional |          |          |   |   |   |  |  |   |
| Phone Number and E-mail Address |          |          |   |   |   |  |  |   |
| Name Civil Engineer             |          |          |   |   |   |  |  |   |

V4 Rev. 1

**CATEGORY 5: HEALTH**

Required Category Minimum (10)

PROJECT POINT ESTIMATE: Use the drop down menus to complete your project estimate. The "Final Project Points" columns (B & C) will be used to score your project. All DARK shaded cells calculate Automatically, All LIGHT shaded cells require user input.

| FINAL PROJECT POINTS   |                       |    | Category 5: Health  | Description  | Submittal  | Designated Professional Notes                    |  |
|------------------------|-----------------------|----|---|--|--|--|--|
| Total Points Available | Final Points Achieved |    |   |  |  |  |  |
| 58                     | 12                    |    | Prerequisites   |  |  | Prerequisites                                    |  |
|                        |                       |    | To qualify for certification, each project must comply with the 2 prerequisites below and accumulate 10 points, the required category minimum. Use the drop down menus to enter the status of your prerequisites. |  |  |  |  |
| Prereq 1               | R                     |    | Environmental Tobacco Smoke (ETS) Control   | No smoking allowed in the building. If smoking is allowed on the site, designated smoking areas must be located a minimum of 25 feet away from all doors, operable windows, HVAC equipment, and fresh air intakes. No smoking signs must be installed at all main building entrances. No smoking campuses and no smoking buildings also comply with this prerequisite  | Photos of no smoking signs installed at all main building entrances are required. If smoking is allowed on the site, please provide dimensioned site plan indicating designated smoking area indicating the distances to doors and intakes. If no smoking campus or building, please provide the written |  |  |
| Prereq 2               | R                     |    | Indoor Air Quality (IAQ) Management Plan, During Construction   | Indoor Environmental Quality shall be protected during construction according to the   | Provide copy of the specifications indicating use of SMACNA  |  |  |
| H1                     | 24                    | 3  | Protect, Monitor, and Remediate Poor IAQ  |  |  | Protect, Monitor, and Remediate Poor IAQ         |  |
| H1.01                  | 1                     |    | Carbon Dioxide  | Systems shall be designed to monitor carbon dioxide (CO2) within the building and  | Provide copy of approved submittal of equipment provided,  | CARBON MONOXIDE MONITORED IN SHOPS. NO CO2       |  |
| H1.02                  | 5                     |    | Humidity Monitoring & Control   | Systems shall be designed to monitor humidity within the building and activate an audible alarm w/ corrective action plan. System installed to control building humidity such as a desiccant system, enthalpy wheel, heat pipes, or dual path system. The dehumidification system shall be a centrally located and permanent.  | Provide a copy of the signed approved submittal of the equipment used for dehumidification. The mechanical engineer must provide calculations and narrative describing the removal of latent heat and humidity range that will be maintained by the system.  |  |  |
| H1.03                  | 1                     | 1  | Building Entrance - Outdoor Pollutants  | Project shall employ measures such as permanent walk-off grates or mats located at the building main entrance to reduce pollutant contamination of the building entrances. If mats are used, the mats must be, at a minimum, the width of the door and 4 feet in the line of travel. Mats may be placed inside or outside the building entrance, however if placed outside the mat must be under appropriate cover. A maintenance plan must be included to maintain the integrity of the installed system. | Provide construction detail of the system installed and photos or photos of installed mats and a copy of the maintenance plan/contract.  |  |  |
| H1.04                  | 1-2                   |    | Building Entrance - Covered Entrance  | Main entrance of the building shall be covered with no less than 50 square feet of roof to protect entrance from rain. 1 point is available for a covered entrance; 2 points are available if there is a covered path from parking to the main entrance or a porte cochere at the main entrance. 1 point 50 SF minimum of covered entrance, 2 points 50 SF minimum covered entrance covered path from parking to main entrance or porte  | Provide a copy of the dimensioned plan indicating the covered entrance and the square footage of the entrance cover.   |  |  |
| H1.05                  |                       |    | High Efficiency Air Filtration System   | Design a mechanical ventilation system to include a minimum MERV 8 or 13 air filter. This credit requires the use of one filter during construction and a new filter installed pre   | Approved submittal showing filters used and photos of installed filters  | MEP TO VERIFY WITH TRAIN                         |  |
| H1.05.01               | 1-6                   | 1  | Common Areas  |  |  |  |  |
|                        |                       |    | 1 point   | Install MERV 8 Air Filters During Construction   |  | Cut sheet of air filter system.                  |  |
|                        |                       |    | 1 point   | Install MERV 8 Air Filters Pre-Occupancy   |  | Cut sheet of air filter system.                  |  |
|                        |                       |    | 2 points  | Install MERV 13 Air Filters During Construction  |  | Cut sheet of air filter system.                  |  |
|                        |                       |    | 2 points  | Install MERV 13 Air Filters Pre-Occupancy  |  | Cut sheet of air filter system.                  |  |
| H1.05.02               | 1-6                   | NA | Tenant Spaces   |  |  |  |  |
|                        |                       |    | 1 point   | Install MERV 8 Air Filters During Construction   |  | Cut sheet of air filter system.                  |  |
|                        |                       |    | 1 point   | Install MERV 8 Air Filters Pre-Occupancy   |  | Cut sheet of air filter system.                  |  |
|                        |                       |    | 2 points  | Install MERV 13 Air Filters During Construction  |  | Cut sheet of air filter system.                  |  |
|                        |                       |    | 2 points  | Install MERV 13 Air Filters Pre-Occupancy  |  | Cut sheet of air filter system.                  |  |
|                        |                       |    | 2 points  | Equip air conditioning systems with UV lights  |  | Cut sheet of air filter system.                  |  |
| H1.06                  | 1                     | 1  | Chemical and Cleaning Product Storage   | Any room(s) containing chemicals or cleaning products for building O&M is ventilated at  | Provide for the effective delivery and mixing of fresh air to  | ACHIEVED BY REMOVING SUPPLY FROM JAN.#122 , ONLY |  |
| H1.07                  | 1                     |    | Radon Mitigation  | Install a passive or active system as needed for your building location to mitigate for  | Construction detail and photos of installed system   |  |  |
| H1.08                  | 1                     |    | Pre-Occupancy IAQ testing   | Perform IAQ testing over a minimum 4-hour period for a minimum of at least one (1) test per 25,000 s.f. within the breathing zone, which is between 3'0" and 6' 0" above the finished floor. Test and remediate building prior to occupancy using procedure consistent with the United States Environmental Protection Agency's current Protocol for Environmental Requirements, Baseline IAQ and Materials, for the Research Triangle Park Campus, Section 01445. e Park Campus, Section 01445.           | Copy of the IAQ testing results indicating that the maximum chemical contaminant concentration requirements are not exceeded.  |  |  |
| H2                     | 13                    | 6  | Low Emitting Materials  |  |  | Low Emitting Materials                           |  |

|           |           |          |   |   |   |  |
|-----------|-----------|----------|---|---|---|--|
| H2.01     | 1         | 1        | Adhesives & Sealants  | All Adhesives and Sealants shall be low Volatile Organic Compound (VOC) and meet the VOC limits below which were established by the South Coast Air Quality Management District (SCAQMD) Rule #1168 AND all sealants used as fillers must meet or exceed the requirements of the Bay Area Air Quality Management District Regulation 8, Rule 51.  | Contractor shall maintain all Material Safety Data Sheet (MSDS) highlighting the stated VOC emissions for each adhesive and sealant used in the building.   | ?  |
| H2.02     | 1         | 1        | Paints & Coatings   | Interior paints and coatings shall be less than 100 g/l for non-flat paint and less than 50 g/l for flat paint.<br>For additional architectural coating VOC limits please refer to SCAQMD Rule 1113 or CARB 2007 SCM.   | Provide signed approved submittal for paints and coatings.<br>Contractor shall maintain all Material Safety Data Sheet (MSDS) highlighting the stated VOC emissions for each adhesive and sealant used in the building.   |  |
| H2.03     | 1-2       | 2        | Carpet Systems  | All carpet and carpet products shall meet the Carpet & Rug Institute Green Label or Green Label Plus Certification Program<br>1 point: Green Label,<br>2 points: Green Label Plus   | Provide signed approved submittal and photos of installed carpet  | A113A, A113D CPT 1- CARPET TILE SHAW - GREEN LABEL PLUS COMPLIANT                    |
| H2.04     | 1         | 1        | Healthy Flooring  | 80% of a minimum of the flooring installed shall be classified as hard or resilient and comply with GreenGuard, Floorscore, Declare, RED LIST FREE, Cradle to Cradle, Blue Angel, Greenhealth or similar health related certification.  | Cut sheets of flooring selections.  | COMPLIES - GET MATERIAL TAKEOFFS FROM GC   |
| H2.05     | 1         |          | Composite Wood and Agrifiber  | All composite wood and agrifiber products that are ultra-low emitting formaldehyde (ULEF) or are no added urea formaldehyde (NAUF).   | Provide signed approved submittal for installed products and manufacturers catalog cut sheet for each composite wood or agrifiber product used in the building indicating that the bonding agent used in each product contains no added urea-formaldehyde. Also provide photos of installed wood and agrifiber products |  |
| H2.06     | 1-3       | 1        | Insulation  | All Insulation products will be free of formaldehyde.<br>1 point: Formaldehyde free<br>2 points: GreenGuard<br>3 points: GreenGuard Gold or Biobased Insulations  | Provide signed approved submittal for insulation materials and manufacturers catalog cut sheet for each insulation product used in the building indicating that it contains no formaldehyde.  | THERMAFIBER SAFB INSULATION COMPLIES   |
| H2.07     | 2         |          | Green Cleaning - Environmentally Friendly Maintenance - Green Cleaning Products in Common Areas | Owner shall maintain or contract a cleaning service to maintain the property using only non-toxic cleaning supplies in the regular maintenance of the building. A list of approved supplies must be posted in janitor closets and in common areas such as break rooms and restrooms. Non-Toxic is defined as having a zero Health Hazard rating on the product's Material Safety Data Sheet (MSDS) and listed as "non-toxic" for Acute Toxicity under "Section V - Health Information" on the MSDS. Alternatively the products may be approved by the EPA's Design for Environment program or Green Seal. | Provide a list of approved cleaning products for the building   | ?  |
| H2.08     | 2         |          | Furniture Fixtures and Equipment  | Purchase furniture certified by Greenguard Certified, Greenguard Gold Certified, Cradle to Cradle Certified™ Silver, Business plus Institutional Furniture Manufacturers Association (BIFMA) level™ or other similar program.   | Provide documentation of furniture purchased and furniture certification  | ?  |
| <b>H3</b> | <b>8</b>  | <b>1</b> | <b>System Controls</b>  |   |   | <b>System Controls</b>   |
| H3.01     | 1-4       | 1        | Lighting  | A minimum of 25% of the full time occupants must be able to directly control their individual lighting either through ambient or task lighting. One additional point is available for each additional 25% of full time occupants that can control their lighting.   | Provide the building floorplan indicating lighting controls, a narrative explaining how occupants can control their immediate environment and cut sheets of lighting selections.  | SEE E401, -E408 OVER 25% OF OCCUPANTS HAVE ACCESS TO THEIR OFFICE LIGHTING CONTROLS. |
|           |           |          | 25%   | Enter the percent of occupants that can directly control their lighting   |   |  |
|           |           |          | 1 point   | ≥ 25% and < 50% of full time occupants can control individual lighting  |   |  |
|           |           |          | 2 points  | ≥ 50% and < 75% of full time occupants can control individual lighting  |   |  |
|           |           |          | 3 points  | ≥ 75% and < 90% of full time occupants can control individual lighting  |   |  |
|           |           |          | 4 points  | 90% of full time occupants can control individual lighting  |   |  |
| H3.02     | 1-4       | 0        | Thermal Comfort   | A minimum of 25% of the full time occupants must be able to directly control their temperature settings for thermal comfort. One additional point is available for each additional 25% of full time occupants that have control over their thermal comfort settings. Comply with ASHRAE Standard 55-1992, Addenda 1995, for thermal comfort standards including humidity control within established ranges per climate zone. Projects must employ both thermal and humidity control measures and systems to keep the space within the designated ranges specified by ASHRAE 55-1992.                      | Provide a narrative from the mechanical engineer explaining how the project complies with ASHRAE Standard 55-1992, Addenda 1995.  |  |
|           |           |          | 0%  | Enter the percent of occupants that can directly control their thermal comfort (thermostat settings)  |   |  |
|           |           |          | 1 point   | ≥ 25% and < 50% of full time occupants can control temperature settings   |   |  |
|           |           |          | 2 points  | ≥ 50% and < 75% of full time occupants can control temperature settings   |   |  |
|           |           |          | 3 points  | ≥ 75% and < 90% of full time occupants can control temperature settings   |   |  |
|           |           |          | 4 points  | 90% of full time occupants can control temperature settings   |   |  |
| <b>H4</b> | <b>13</b> | <b>2</b> | <b>Productive Work Environment</b>  |   |   | <b>Productive Work Environment</b>   |
| H4.01     | 1-4       | 0        | Daylighting   | 1 point ≥ 25% and < 50% of occupied spaces achieve 2% Daylight Factor<br>2 points ≥ 50% and < 75% of occupied spaces achieve 2% Daylight Factor<br>3 points ≥ 75% and < 90% of occupied spaces achieve 2% Daylight Factor<br>4 points 90% of occupied spaces achieve 2% Daylight Factor   | Provide plans specifying the daylight areas and daylighting calculations for occupied spaces. For core and shell buildings, provide the window to wall ratio calculations.  |  |

Cell: F31

Note: Test for the following contaminants and maximum concentration:

- Contaminant Maximum Concentration
- Formaldehyde - 50 parts per billion
- Particulates (PM10) - 50 micrograms per cubic meter
- Total Volatile Organic Compounds (TVOC) - 500 micrograms per cubic meter
- \* 4-Phenylcyclohexene (4-PCH) - 6.5 micrograms per cubic meter
- Carbon Monoxide (CO) - 9 part per million and no greater than 2 parts per million above outdoor levels.

Cell: F33

Note: Architectural Applications Current VOC Limit

|                                     |     |
|-------------------------------------|-----|
| Indoor Carpet Adhesives             | 50  |
| Carpet Pad Adhesives                | 50  |
| Outdoor Carpet Adhesives            | 150 |
| Wood Flooring Adhesive              | 100 |
| Rubber Floor Adhesives              | 60  |
| Subfloor Adhesives                  | 50  |
| Ceramic Tile Adhesives              | 65  |
| VCT and Asphalt Tile Adhesives      | 50  |
| Dry Wall and Panel Adhesives        | 50  |
| Cove Base Adhesives                 | 50  |
| Multipurpose Construction Adhesives | 70  |
| Structural Glazing Adhesives        | 100 |
| Single Ply Roof Membrane Adhesives  | 250 |

|                                 |     |   |   |   |  |  |                              |
|---------------------------------|-----|---|---|---|--|--|------------------------------|
|                                 |     |   | Enter total percentage of occupied spaces that receive daylight | <p>Simulation: Demonstrate, through computer simulation, that a minimum daylight illumination level of 25 footcandles (or 250 lux) at 30 inches above the floor has been achieved in a minimum of 25% of all regularly occupied areas.</p> <p>Measurement: Demonstrate, through records of indoor light measurements, that a minimum daylight illumination level of 25 footcandles (or 250 lux) has been achieved in at least 75% of all regularly occupied areas. Measurements must be taken on a 10-foot grid for all occupied spaces and must be recorded on building floor plans. Measurements must be taken under clear sky conditions, at 30" above the floor.</p> <p>Achieve a minimum glazing factor of 2% in a minimum of 25% of all regularly occupied areas using the following:</p> <p>Glazing Factor=<math>\frac{\text{window area (sf)}}{\text{Floor area (sf)}} \times \text{window Geometry Factor} \times \frac{\text{Actual Tvis}}{\text{Minimum Tvis}} \times \text{window height factor}</math></p> |  |  |                              |
| H4.02                           | 1-4 | 1 | Acoustics   | <p>1 Enter the number of different assemblies in</p> <p>Exterior wall and Roof assembly have STC rating <math>\geq</math> 50</p> <p>Yes Fenestration STC rating <math>\geq</math> 30</p> <p>Interior spaces: Private adjacent to private STC <math>\geq</math> 45</p> <p>Interior spaces: Private adjacent to public/common space STC <math>\geq</math> 55</p>  | Earn one point for each assembly: exterior walls, roof, interior walls, and fenestration that complies with the sound transmission coefficient (STC) ratings listed  | Provide cut sheets for the wall assembly and fenestration indicating the STC ratings.  | IMPACT GLASS COMPLIES        |
| H4.03                           | 1-4 | 1 | Views   | <p>25% Enter the total percentage of occupants that have direct line of sight to the exterior</p> <p>1 point <math>\geq</math> 25% and <math>&lt;</math> 50% of full-time occupants have line of sight to exterior</p> <p>2 points <math>\geq</math> 50% and <math>&lt;</math> 75% of full-time occupants have line of sight to exterior</p> <p>3 points <math>\geq</math> 75% and <math>&lt;</math> 90% of full-time occupants have line of sight to exterior</p> <p>4 points <math>\geq</math> 90% of full-time occupants have line of sight to exterior</p>  | To comply with this credit, a minimum of 25% of the full time occupants must have line of sight from their work station to the exterior. Earn one point for each 25% of the full time occupants that have line of site to the exterior | Provide a furniture plan of the building; indicate the location of building occupants and their line of site to the outdoors. For core and shell buildings, provide the window to wall ratio calculations. | GREENPATH TO DEVELOP EXHIBIT |
| H4.04                           | 1   |   | Outdoor space provided for employees                            | Provide a covered and or screened area outdoors for employee meetings or lunch breaks. To receive credit, this space must be designated non-smoking and be a  | Provide a site plan indicating outdoor space, type of cover, square footage and photos.  |  |                              |
| Name of Designated Professional |     |   |   |   |  |  |                              |
| Phone Number and E-mail Address |     |   |   |   |  |  |                              |
| V4 Rev. 1                       |     |   |   |   |  |  |                              |

**CATEGORY 6: MATERIALS**

Required Category Minimum (5)

PROJECT POINT ESTIMATE: Use the drop down menus to complete your project estimate. The "Final Project Points" columns (B & C) will be used to score your project. All DARK shaded cells calculate Automatically, All LIGHT shaded cells require user input.

| FINAL PROJECT POINTS   |                                   |          | Category 6: Materials                                | Description  | Submittal  | Designated Professional Notes  |                                   |          |                                   |          |                                  |          |                        |  |
|------------------------|-----------------------------------|----------|--|--|--|--|-----------------------------------|----------|-----------------------------------|----------|----------------------------------|----------|------------------------|--|
| Total Points Available | Final Points Achieved             |          |  |  |  |  |                                   |          |                                   |          |                                  |          |                        |  |
| 39                     | 3                                 |          |  |  |  |  |                                   |          |                                   |          |                                  |          |                        |  |
| <b>M1</b>              | <b>21</b>                         | <b>0</b> | <b>Material Efficiency and Global Responsibility</b> |  |  |  |                                   |          |                                   |          |                                  |          |                        |  |
| M1.01                  | 1-10                              |          | Remodel Existing Building                            | Rehabilitate existing building. Maintain a minimum of 10% of an existing building structure and shell (exterior skin and framing, excluding window assemblies) and non-structural roofing material.<br><i>1 point per 10% of building structure that is maintained</i>   | Floor plan of existing building, demolition plan, and new building floor plan.   |  |                                   |          |                                   |          |                                  |          |                        |  |
| M1.02                  | 1-4                               | 0        | Recycled Content                                     | Incorporate recycled materials (based on materials cost). Use materials with recycled content such that post-consumer and/or post-industrial recycled content constitutes a minimum of 5% of the total project cost. Earn one additional point for each additional 5% of recycled content materials. The value of the recycled content portion of a material or furnishing shall be determined by dividing the weight of recycled content in the item by the total weight of all material in the item, then multiplying the resulting percentage by the total value of the item. | Submit the completed materials checklist and supporting documentation of the percentages claimed including budget documentation.   |  |                                   |          |                                   |          |                                  |          |                        |  |
|                        |                                   |          |  | Enter the percent of materials (based on cost calculation) for the building that are recycled content  | <table border="1"> <tr> <td>1 point</td> <td>≥ 5% and &lt; 10% recycled content</td> </tr> <tr> <td>2 points</td> <td>≥ 10% and &lt; 15% recycled content</td> </tr> <tr> <td>3 points</td> <td>≥ 15% and &lt; 20% recycled content</td> </tr> <tr> <td>4 points</td> <td>≥ 20% recycled content</td> </tr> </table> | 1 point  | ≥ 5% and < 10% recycled content   | 2 points | ≥ 10% and < 15% recycled content  | 3 points | ≥ 15% and < 20% recycled content | 4 points | ≥ 20% recycled content |  |
| 1 point                | ≥ 5% and < 10% recycled content   |          |  |  |  |  |                                   |          |                                   |          |                                  |          |                        |  |
| 2 points               | ≥ 10% and < 15% recycled content  |          |  |  |  |  |                                   |          |                                   |          |                                  |          |                        |  |
| 3 points               | ≥ 15% and < 20% recycled content  |          |  |  |  |  |                                   |          |                                   |          |                                  |          |                        |  |
| 4 points               | ≥ 20% recycled content            |          |  |  |  |  |                                   |          |                                   |          |                                  |          |                        |  |
| M1.03                  | 1                                 |          | Rapidly Renewable Materials                          | Building materials to be rapidly renewable ( plant to harvest cycle <10 years )  | Complete the Materials Spreadsheet in the checklist. Provide approved submittals for materials and documentation of the products rapidly renewable content.  |  |                                   |          |                                   |          |                                  |          |                        |  |
|                        |                                   |          |  | Incorporate rapidly renewable (plant to harvest cycle <10 years) for 3% of the total value of all building materials and products used in the project. Earn one additional point for each 2% of additional rapidly renewable materials such as bamboo flooring, wool carpets, straw board, cotton batt insulation, linoleum flooring, poplar OSB, and sunflower seed board and wheatgrass  |  |  |                                   |          |                                   |          |                                  |          |                        |  |
| M1.04                  | 1-3                               | 0        | Certified Wood                                       | Wood products are FSC, SFI or CSA certified.   | Submit a copy of the wood certification and the calculations showing percentage of certified wood used in the construction of the project. Submit the completed materials checklist and supporting documentation of the percentages claimed including budget documentation.  |  |                                   |          |                                   |          |                                  |          |                        |  |
|                        |                                   |          |  | All hardwood used on the project must be FSC, SFI or CSA certified. Use a minimum of 50% certified of wood-based materials and products, for wood building components including, but not limited to, structural framing and general dimensional framing, flooring, finishes, furnishings and non-rented temporary construction applications such as bracing, concrete form work and pedestrian barriers. Earn one additional point for each 25% additional certified wood used on the project.   |  |  |                                   |          |                                   |          |                                  |          |                        |  |
|                        |                                   |          |  | Enter the percent of materials (based on cost calculation) for the building that are certified   | <table border="1"> <tr> <td>1 point</td> <td>≥ 40% and &lt; 60% of certified wood</td> </tr> <tr> <td>2 points</td> <td>≥ 60% and &lt; 80% of certified wood</td> </tr> <tr> <td>3 points</td> <td>80% of certified wood</td> </tr> </table>   | 1 point  | ≥ 40% and < 60% of certified wood | 2 points | ≥ 60% and < 80% of certified wood | 3 points | 80% of certified wood            |          |                        |  |
| 1 point                | ≥ 40% and < 60% of certified wood |          |  |  |  |  |                                   |          |                                   |          |                                  |          |                        |  |
| 2 points               | ≥ 60% and < 80% of certified wood |          |  |  |  |  |                                   |          |                                   |          |                                  |          |                        |  |
| 3 points               | 80% of certified wood             |          |  |  |  |  |                                   |          |                                   |          |                                  |          |                        |  |
| M1.05                  | 1                                 |          | Biobased Materials                                   | Incorporate biobased materials into the project such as solid wood, engineered wood, bamboo, wool, cotton, cork, agricultural fibers, or other bio based materials with at least 50% bio based content.  | Submit signed approved submittal and photos of installed materials.  |  |                                   |          |                                   |          |                                  |          |                        |  |
| M1.06                  | 2                                 |          | Resource Efficient or Panelized Wall Systems         | Install a minimum of 80% of the non-structural exterior walls must be Autoclaved Aerated Concrete (AAC), Insulated Concrete Forms (ICF), or Structural Insulated Panels (SIPs) or a combination thereof.   | Photo, detailed plans, or material cut sheets.   |  |                                   |          |                                   |          |                                  |          |                        |  |
| <b>M2</b>              | <b>9</b>                          | <b>3</b> | <b>Waste Management</b>                              |  |  |  |                                   |          |                                   |          |                                  |          |                        |  |
| M2.01                  | 2-4                               | 2        | Construction Waste Recycling                         | Develop and implement a waste management plan, quantifying material diversion goals. Recycle and/or salvage a minimum of 50% of construction, demolition and land clearing waste. Calculations can be done by weight or volume, but must be consistent throughout. Earn additional points for increased diversion of waste.  | Provide copies of the monthly waste reports indicating diverted waste and calculate the total waste material diversion rate  | POSSIBLE POINTS MONITORED BY 3RD PARTY WM TO TRACK AND PROVIDE REPORTS. CONTRACTED BY GC, ADDS MINIMAL COST. |                                   |          |                                   |          |                                  |          |                        |  |
|                        |                                   |          | 50%  | Enter the percent of construction and demolition waste diverted  | <table border="1"> <tr> <td>2 points</td> <td>≥ 50% and &lt; 75% waste diverted</td> </tr> <tr> <td>3 points</td> <td>≥ 75% and &lt; 90% waste diverted</td> </tr> <tr> <td>4 points</td> <td>90% waste diverted</td> </tr> </table>   | 2 points   | ≥ 50% and < 75% waste diverted    | 3 points | ≥ 75% and < 90% waste diverted    | 4 points | 90% waste diverted               |          |                        |  |
| 2 points               | ≥ 50% and < 75% waste diverted    |          |  |  |  |  |                                   |          |                                   |          |                                  |          |                        |  |
| 3 points               | ≥ 75% and < 90% waste diverted    |          |  |  |  |  |                                   |          |                                   |          |                                  |          |                        |  |
| 4 points               | 90% waste diverted                |          |  |  |  |  |                                   |          |                                   |          |                                  |          |                        |  |

|           |          |          |   |  |   |  |  |
|-----------|----------|----------|---|--|---|--|--|
| M2.02     | 1        |          | Recycling for Building and Tenants  | Provide an accessible area that serves all the building occupants that is dedicated to the collection, separation, and storage of recyclables. Recycling rooms in the buildings shall be a minimum of 0.05% of the total conditioned square footage of the building while recycling areas outside the structure shall accommodate a minimum of a 3 CY dumpster for every 50,000 SF of conditioned space. Alternatively install an integrated recycling trash chutes, which are serviced by a recycling waste hauler, that allow the occupants, when disposing of waste, to select either recycling or waste. FGBC will consider multiple pick-ups per week when reviewing compliance with the credit. This credit is only available to locations that are serviced by an existing commercial recycling provider. | Provide a copy of the contract that highlights the terms of the purchase / lease of floor coverings that will be taken back by the manufacturer for recycling rather than disposal in landfill                                      |  |  |
| M2.03     | 1        |          | Recyclable Materials  | Use materials that at the end of their useful lifecycle can be recycled by the manufacturer into the raw materials stream of another product. The value of such products will constitute a minimum of 10% of the total value of the materials in the project. The materials selected to comply with this category must be recyclable through a structured existing program.  | Provide cut sheets for the products calculated as a part of this credit and information about the existing recycling facilities. This credit may also be claimed if the area has an established C&D waste recycling infrastructure. |  |  |
| M2.04     | 1        |          | Demountable / Adaptable Interiors   | A minimum of 50% of the linear feet (LF) of interior wall partitions must be   | Provide a floor plan indicating the location of the   |  |  |
| M2.05     | 1        |          | Durable Materials, Exterior Finish Materials  | Use finishes systems and materials capable of withstanding the moisture and heat impacts of the local climate for a period of 25 years on 100% of the exposed exterior surfaces. Exterior surface products must have a minimum of a 25-year warranty.  | Provide plan details identifying the exterior materials, approved submittals and corresponding warranty certificate for exterior finish materials   |  |  |
| M2.06     | 1        | 1        | Low Maintenance Finishes  | Use interior and exterior finish materials that require minimal or no periodic cleaning. Use materials (on the floors, walls and ceilings) that can be maintained in a serviceable condition with minimal periodic cleaning for 100% of the interior finishes and 50% (by surface area) of the exterior finishes of the building.  | Provide copies of the manufacturer's recommended maintenance procedures for the interior and exterior finishes.   |  |  |
| <b>M3</b> | <b>9</b> | <b>0</b> | <b>Local/Regional Materials</b>   |  |   |  |  |
| M3.01     | 1-4      |          | Local Manufacturing   |  |   |  |  |
|           |          |          | Earn one point by using a minimum of 25% (by cost) based on project cost (div 2-10) of building materials and products that are manufactured within a 700 mile radius of the project site. Earn one additional point for each additional 25% of materials that are manufactured within 700 miles of the project site. | Submit the completed materials checklist and supporting documentation of the percentages claimed including budget documentation.   |   |  |  |
|           |          |          | Enter the percent of materials (based on cost calculation) for the building that are manufactured locally   | 1 point $\geq 10\%$ and $< 20\%$ of building materials manufactured within 700 mile radius   |   |  |  |
|           |          |          |   | 2 points $\geq 20\%$ and $< 30\%$ of building materials manufactured within 700 mile radius  |   |  |  |
|           |          |          |   | 3 points $\geq 30\%$ and $< 40\%$ of building materials manufactured within 700 mile radius  |   |  |  |
|           |          |          |   | 4 points $> 40\%$ of building materials manufactured within 700 mile radius  |   |  |  |
| M3.02     | 1-4      |          | Local Raw Material Extraction   |  |   |  |  |
|           |          |          | A minimum of 10% of the project materials are made from raw materials that are harvested, extracted, or recovered within a 700 mile radius from project site (div 2-10). Earn additional points for each additional 10% of the project materials that are extracted within 700 miles of project site.                 | Submit the completed materials checklist and supporting documentation of the percentages claimed including budget documentation.   |   |  |  |
|           |          |          | Enter the percent of materials (based on cost calculation) for the building that are harvested, extracted, and manufactured locally   | 1 point $\geq 5\%$ and $< 10\%$ harvested, extracted or recovered within 700 mile radius   |   |  |  |
|           |          |          |   | 2 points $\geq 10\%$ and $< 15\%$ harvested, extracted or recovered within 700 mile radius   |   |  |  |
|           |          |          |   | 3 points $\geq 15\%$ and $< 20\%$ harvested, extracted or recovered within 700 mile radius   |   |  |  |
|           |          |          |   | 4 points $> 20\%$ harvested, extracted or recovered within 700-mile radius   |   |  |  |
| M3.03     | 1        |          | Resource Reuse  | Incorporate salvaged, refurbished or reused materials, products and furnishings into the project to earn one point.  | Submit supporting documentation and photos  |  |  |

|                                 |  |
|---------------------------------|--|
| Name of Designated Professional |  |
| Phone Number and E-mail Address |  |

**CATEGORY 7: DISASTER MITIGATION**

PROJECT POINT ESTIMATE: Use the drop down menus to complete your project estimate. The "Final Project Points" columns (B & C) will be used to score your project. All DARK shaded cells calculate Automatically, All LIGHT shaded cells require user input.

| FINAL PROJECT POINTS  |                       |          | Category 7: Disaster Mitigation          | Description  | Submittal  | Designated Professional Notes                          |
|---|-----------------------|----------|--|--|--|--|
| Total Points Available  | Final Points Achieved |          |  |  |  |  |
| 49  | 9                     |          |  |  |  |  |
| To qualify for certification accumulate 10 points, the required category minimum. |                       |          |  |  |  |  |
| <b>DM1</b>  | <b>23</b>             | <b>3</b> | <b>Hurricane Resistance</b>              |  |  |  |
| DM1.01  | 3                     | 3        | Impact Glazing                           | ALL installed glazing is impact resistant.   | Provide the manufacturer's cut sheets for the impact resistant   | COMPLIES - REQUIRES NOA SUBMITTALS                     |
| DM1.02  | 3                     |          | Building Integrated Hurricane Shutters   | Building is equipped with solid, integrated Miami Dade approved hurricane shutters. Shutters that rain can penetrate or shutters that must be manually installed do not qualify for this credit.   | Signed approved submittal and photos of installed shutters.  |  |
| DM1.03  | 2-5                   |          | Building Hardening                       | Building is engineered to withstand design pressures that are 15% greater than the code requirements for the area. Additional points available for Fortified Commercial  | Design calculations and a narrative from the architect or structural engineer explaining measures taken to improve the buildings resistance to hurricanes. |  |
|   |                       |          | 2 points                                 | Increased design pressure  |  |  |
|   |                       |          | 2 points                                 | Fortified Roof   |  |  |
|   |                       |          | 4 points                                 | Fortified Silver   |  |  |
|   |                       |          | 5 points                                 | Fortified Gold   |  |  |
| DM1.04  | 3                     |          | Uninterrupted Operations                 | The building through use of renewable energy or generators must be able to continue operations during times of extended grid source power loss. The power back-up system must be designed to provide a minimum 8 hours of operation per day for 3 days.  | Approved submittal and photos of installed system  |  |
| DM1.05  | 5                     |          | Building is Designated Hurricane Shelter | The building is designed to meet or exceed the requirements for Florida hurricane shelters. Requirements may vary based on local jurisdiction and wind loads. The credits are only available if the building complies with the Hurricane Shelter requirements of the location.   | A brief narrative describing the features added to comply with the local hurricane shelter requirements.   |  |
| DM1.06  | 1-4                   |          | Shelter in Place                         | Provide an area served by backup power (generator or similar) that is air conditioned for a minimum of 25% of the building full time occupants. Provide backup power to back of house refrigeration. Provide an emergency circuit tied to back up power in each residential unit that serves the refrigerator and a minimum of 2 duplex 110 outlets.<br>1 point: Provide backup power to back of house refrigeration<br>3 points: Provide an air-conditioned common area of respite for a minimum of 25% of the full-time building occupants.  | Provide generation needs calculation and corresponding construction details.   |  |
| <b>DM2</b>  | <b>9</b>              | <b>0</b> | <b>Pest Management</b>                   |  |  |  |
| DM2.01  | 3                     |          | Termite Prevention                       | Comprehensive termite prevention: Provide signage in each unit indicating termite treatment provider. Provide the building manager or HOA necessary information for re-inspection and treatment contract renewal.<br>1. A single slab must be poured monolithically or must have area treated for termites (conventionally or by approved alternative) before each portion of slab is poured.<br>2. After the slab has substantially cured, any penetration through the slab such as piping, or conduit shall be sealed around its perimeter with an elastomeric sealer.<br>3. Any foam insulation must terminate above ground such that none of it extends below grade.<br>4. The exterior cladding of the building must terminate at least 8" above grade.<br>5. All structural wood products must be treated with Borate or ACQ OR wood must not be used for any structural components of the building.<br>6. Rainwater conveyance must be discharged into stormwater management system or be conveyed a minimum of 3 feet away from the building foundation.<br>7. All HVAC condensate line(s) must be collected for reuse, discharged into stormwater management system, or conveyed at least 3 feet away from the building.<br>8. All plants and irrigation should be at least 3 feet from building. | Provide project photos, copy of warrantee, and appropriate construction details  |  |
|   |                       |          | Physical Termite Barrier                 | Physical barriers must be used in addition to or in lieu of traditional termite treatments. Physical barriers include stainless steel mesh, elastomeric plumbing boots, or other means of physically sealing the slab penetrations.  | Provide photos showing all sealed slab penetrations.   | 3 POINT AVAILABLE IF ALL SLAB PENETRATIONS ARE SEALED. |

|                                 |          |          |   |  |   |   |
|---------------------------------|----------|----------|---|--|---|---|
| DM2.03                          | 3        |          | Integrated Pest Management                              | Work with a skilled pest control professional to develop an Integrated Pest Management Plan that addresses the following four items:<br><ul style="list-style-type: none"> <li>Monitoring and prevention of pest populations.</li> <li>Application of pesticides only "as needed" after prevention and physical controls have been implemented.</li> <li>Selecting the least hazardous pesticides for control of targeted pests.</li> <li>Precision targeting of pesticides to areas not contacted or accessible to the occupants.</li> </ul>  | IPM plan  |   |
| <b>DM3</b>                      | <b>9</b> | <b>2</b> | <b>Flood</b>  |  |   |   |
| DM3.01                          | 1-2      | NA       | Finished Floor Elevation (FFE)                          | Finished Floor Elevation (FFE) must be above 100-year flood plain or finished grade adjacent to building, whichever is higher. All grades around building must slope away from the foundation a minimum of 6" at 10'-0" distance. The 100-year flood plain is determined by FEMA.<br>1 Point: FFE 12" above 100-year flood.<br>2 Points: FFE 24" above 100-year flood.   | Provide the appropriate drawings illustrating the foundation design, floor elevation and grading requirements. Include a copy of the NFIP Elevation Certificate certified by the surveyor, engineer or architect showing the 100-year flood plain elevation or grade. |   |
| DM3.02                          | 2-5      | 2        | All Critical Infrastructure Elevated                    | All mechanical equipment pads must be 12" above 100-year flood plain or grade, whichever is higher. All grades around building must slope away from the foundation a minimum of 6" at 10'-0" distance. The 100-year flood plain is determined by FEMA. Critical infrastructure beyond mechanical to include electrical transformers, backup power, pumps. Also update to raise above freeboard or 3' or more above 100-yr flood<br>2 points for mechanical 12" above 100-year flood<br>5 points if all critical MEP infrastructure 3' or more above 100-year flood   | Complete the Materials Spreadsheet in the checklist. Provide approved submittals for materials and documentation of the products rapidly renewable content.   | 2 POINTS FOR MECHANICAL ON ROOF - 3 ADDITIONAL POINTS AVAILABLE IF THE FPL PAD CAN BE ELEVATED 3' ABOVE 14.06' - ELECTRICAL AND CIVIL TO ADVISE, OWNER TO APPROVE |
| DM3.03                          | 2        |          | Buildings Within 500-year flood Plain                   | When building within the 500 year flood plain elevate critical MEP infrastructure is at least 24" above 100-year flood plain.  | Provide the appropriate drawings illustrating the building proximity to the coast and the elevations of the FFE and equipment slabs. Include a copy of the NFIP Elevation Certificate certified by the surveyor, engineer or architect.                               | FPL TRANSFORMER PAD WOULD HAVE TO BE 24" ABOVE CALCULATED 100 YEAR FLOOD PLAIN - ELECTRICAL TO ADVISE   |
| <b>DM4</b>                      | <b>2</b> | <b>2</b> | <b>Fire Resistance</b>                                  |  |   |   |
|                                 | 2        | 2        | Fire Resistant Exterior Finishes                        | Project must utilize fire-resistant exterior wall cladding, roof covering or sub-roof, soffit and vent materials. An exterior cladding other than wood or vinyl must be used on all exterior walls. A roof covering other than asphalt shingles or wood shakes must be used on the entire roof. Roof covering fire resistance shall exceed Code requirements by a minimum of one classifications (for example, install Class "A" when Code requires Class "B"). Soffit and vent materials must be other than wood or vinyl. When these parts of the building are compromised, embers from nearby fires can enter into the attic. | Provide the completed Letter Template, signed by the architect or other responsible party, and appropriate drawings and manufacturer's cut sheets illustrating the fire resistance of the exterior finish materials.  | COMPLIES  |
| <b>DM5</b>                      | <b>6</b> | <b>2</b> | <b>Durability</b>                                       |  |   |   |
| DM5.01                          | 1        | NA       | Durable Materials, Exterior Finish Materials            | Use finish systems and materials capable of withstanding the moisture and heat impacts   | Plan detail identifying all the systems and materials used for the  |   |
| DM5.02                          | 1-3      |          | Install Water Leak System and Shutoff System in Units   | Install a whole unit water sensor/shutoff system is installed that detects any sign of water leakage anywhere inside the conditioned space and cuts off the main water supply to the building. At a minimum, sensors must be installed in the vicinity of a bathrooms and tank water heater or as required by manufacturer. Earn additional points if the leak detection system and/or shutoff systems are tied to a mobile smart application.   | Construction detail, cut sheet, and photo of system installed   |   |
|                                 |          |          | 1 point   | Leak Detection with Automatic Shut Off   |   |   |
|                                 |          |          | 2 points  | Leak Detection System Installed and tied to Mobile Smart Application   |   |   |
|                                 |          |          | 3 points  | Leak Detection AND Automatic Shut Off Systems Installed and tied to Mobile Smart Application   |   |   |
| DM5.03                          | 1        | 1        | Durability: Use Armored/Metal Hoses from Service to All | Install armored, braided, pex, or otherwise reinforced hoses to all water using fixtures or  | Cut sheet, construction detail, signed approved submittal, site   |   |
| DM5.04                          | 1        | 1        | Low Maintenance Finishes                                | Use materials (on the floors, walls and ceilings) that can be maintained in a serviceable condition using green cleaning products and methods for 100% of the interior finishes of the building and 50% (by surface area) of the exterior finishes.  | Provide a copy of the manufacturers recommended maintenance procedures, the type and area of materials that comply.   | GC  |
| Name of Designated Professional |          |          |   |  |   |   |
| Phone Number and E-mail Address |          |          |   |  |   |   |