

| CHAPTER 5 - Lot Design, Preparation, and Development    |   |         |  |
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| Section 501 - Lot Selection                             |   | Claimed | Documentation  |
| <b>501.1 - Lot</b>                                      |   |         |  |
| 501.1   | The lot is selected to minimize environmental impact by one or more of the following:   |         |  |
|   | (1) An infill lot is selected.  | Yes     | Evidence that the lot is adjacent to land that has been previously developed for at least five years.  |
|   | (2) An infill lot is selected that is a greyfield.  | Yes     | Evidence that the site was a previously developed site with abandoned or underutilized structures.   |
| <b>501.2 - Multi-modal transportation</b>               |   |         |  |
| 501.2   | A range of multi-modal transportation choices are promoted by one or more of the following:   |         |  |
|   | (1) Lot is selected within one-half mile of pedestrian access to a mass transit system or within five miles of a mass transit station with provisions for parking.  | Yes     | Map showing location of transportation relative to the building.   |
|   | (3) Walkways, street crossings and entrances designed to promote pedestrian activity are provided. New buildings are connected to existing sidewalks and areas of development.  | Yes     | None. Infrastructure in the community should be considered applicable to this practice.  |
|   | (4) A lot is selected within one-half mile (805 m) of six or more community resources. No more than two each of the following use category can be counted toward the total: Recreation, Retail, Civic, and Services. Examples of resources in each category include, but are not limited to the following:                              | Yes     | Map showing location of community resources relative to building.  |
| Section 502 - Project Team, Mission Statement and Goals |   | Claimed | Documentation  |
| 502.1   | A knowledgeable team is established and team members roles are identified with respect to green lot design, preparation and development. The project's green goals and objectives are written into a mission statement.   | Yes     | Project mission statement, goals and specific team members roles identified.   |
| Section 503 - Lot Design                                |   | Claimed | Documentation  |
| <b>503.1 - Natural resources</b>                        |   |         |  |
| 503.1   | (1) A natural resources inventory is completed under the direction of a qualified professional.   | Yes     | Natural resources inventory signed by qualified professional.  |
|   | (2) A plan is implemented to conserve the elements identified in the resource inventory as high priority resources.   |         | Written conservation plan.   |
|   | (3) Items listed for protection in the resources inventory plan are protected under the direction of a qualified professional.  |         | Statement from professional that he/she directed plan implantation.  |
| <b>503.3 - Soil disturbance and erosion</b>             |   |         |  |
| 503.3   | (3) Limits of clearing and grading are demarcated on the plan.  | Yes     | Plans showing grading & clearing limits.   |
| <b>503.4 - Storm water management</b>                   |   |         |  |
| 503.4   | The stormwater management system is designed to use low-impact development/green infrastructure practices to preserve, restore or mitigate changes in site hydrology due to land disturbance and the construction of impermeable surfaces through the use of one or more of the following techniques:                                   |         |  |
|   | (1) A site assessment is conducted and a plan prepared and implemented that identifies important existing permeable soils, natural drainage ways and other water features, e.g., depressional storage, onsite to be preserved in order to maintain site hydrology.  | Yes     | Site assessment and plan that identifies important existing permeable soils, natural drainage ways and other water features. Photos or other document showing water & natural drainage prior to development. |
|   | (2) A hydrologic analysis is conducted that results in the design of a stormwater management system that maintains the pre-development (i.e., stable, natural) runoff hydrology of the lot throughout the development or redevelopment process. Post-construction runoff rate, volume, and duration cannot exceed predevelopment rates. | Yes     | Hydrologic analysis; plans that show features to minimize concentrated flows.  |
|   | (3) Low-Impact Development/Green infrastructure stormwater management practices to promote infiltration and evapotranspiration are used to manage rainfall on the lot and prevent the off-lot discharge of runoff from all storms up to and including the volume of following storm events:<br>(c) 95th percentile storm event          | Yes     | Engineer's report showing X% event will not result in rainwater leaving the lot.   |
|   | (4) Permeable materials are used for driveways, parking areas, walkways, patios, and recreational surfaces and the like according to the following percentages:<br>(a) less than 25%  | Yes     | Calculation showing % of hardscape surface covered with permeable materials.   |
| <b>503.5 - Landscape plan</b>                           |   |         |  |
| 503.5   | A plan for the lot is developed to limit water and energy use while preserving or enhancing the natural environment.  |         |  |
|   | (1) A plan is formulated and implemented that protects, restores, or enhances natural vegetation on the lot.<br>(c) 25% of the natural area   | Yes     | Landscape plan that identifies natural vegetation on the lot to be protected, enhanced, or restored.   |
|   | (2) Non-invasive vegetation that is native or regionally appropriate for local growing conditions is selected to promote biodiversity.  | Yes     | List of regionally appropriate plants must be on plan. Landscape contractor statement or labels on plants.   |
|   | (4) EPA WaterSense Water Budget Tool or equivalent is used when implementing the maximum percentage of turf areas.  |         | Landscape plan by qualified landscape professional.  |
|   | (5) For landscaped vegetated areas, the maximum percentage of turf area is:<br>(b) Greater than 0% to less than 20%   | Yes     | Calculation showing % of lot (minus building footprint & hardscape) that is turf or EPA Budget Tool. Landscape plan by qualified landscape professional stating intent of practice will be met.              |
|   | (6) Plants with similar watering needs are grouped (hydrozoning) and shown on the lot plan.   | Yes     | Landscape plan by qualified landscape professional showing watering needs.   |
|   | (10) An integrated pest management plan is developed to minimize chemical use in pesticides and fertilizers.  | Yes     | Pest management plan.  |
|   | (12) Developer implements a plan for removal or containment of invasive plants on the undisturbed areas of the site.  | Yes     | Landscape plan by qualified landscape professional.  |

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| <b>503.6 - Wildlife habitat</b>                                  |   |                |  |
| 503.6  | Measures are planned that will support wildlife habitat and include at least two of the following:<br>(4) Outdoor Lighting techniques are utilized with regards for wildlife.   | Yes            | List of light fixtures used and cut sheets indicating they meet Dark Sky requirements.   |
| <b>503.7 - Environmentally sensitive areas</b>                   |   |                |  |
| 503.7  | The lot is in accordance with one or both of the following:<br>(2) Compromised environmentally sensitive areas are mitigated or restored.   | Yes            | Lot specific plan showing original location of sensitive areas. Plan by qualified professional showing appropriate mitigations steps.  |
| <b>503.8 - Demolition of existing building(s)</b>                |   |                |  |
| 503.8  | A demolition waste management plan is developed, posted at the jobsite, and implemented to recycle and/or salvage with a goal of recycling or salvaging a minimum of 50% of the nonhazardous demolition waste.<br>(1) 60%   | Yes            | Demolition waste management plan.  |
| <b>Section 504 - Lot Construction</b>                            |   |                |  |
|  |   | <b>Claimed</b> | <b>Documentation</b>   |
| <b>504.1 - On-site supervision and coordination</b>              |   |                |  |
| 504.1  | On-site supervision and coordination is provided during clearing, grading, trenching, paving and installation of utilities to ensure that specified green development practices are implemented.  | Yes            | List of practices implemented.   |
| <b>504.3 - Soil disturbance and erosion control</b>              |   |                |  |
| 504.3  | On-site soil disturbance and erosion are minimized by one or more of the following in accordance with the SWPPP or applicable plan:<br>(1) Sediment and erosion controls are installed on the lot and maintained in accordance with the stormwater pollution prevention plan, where required.<br>(2) Limits of clearing and grading are staked out on the lot.<br>(3) "No Disturbance" zones are created using fencing or flagging to protect vegetation and sensitive areas from construction activity.<br>(7) Soil is improved with organic amendments and mulch.<br>(9) Inspection reports of stormwater best management practices are available.  | Yes            | SWPPP<br>Field verification<br>Field verification<br>Invoice or evident from landscape contractor<br>Inspection reports  |
| <b>Section 505 - Innovative Practices</b>                        |   |                |  |
|  |   | <b>Claimed</b> | <b>Documentation</b>   |
| <b>505.1 - Driveways or parking areas</b>                        |   |                |  |
| 505.1  | Driveways and parking areas are minimized by one or more of the following:<br>(3) Structured parking is utilized to reduce the footprint of surface parking areas.<br>(c) greater than 75%  | Yes            | Field verification   |
| <b>505.2 - Heat island mitigation</b>                            |   |                |  |
| 505.2  | Heat island effect is mitigated by one or both of the following:<br>(1) Hardscape: Not less than 50% of the surface area of the hardscape on the lot meets one or a combination of the following methods. Shading of hardscaping;<br>(b) Light-colored hardscape: Horizontal hardscaping materials are installed with a Solar Reflectance Index (SRI) of 29 or greater. The SRI shall be calculated in accordance with ASTM E1980. A default SRI of 35 for new concrete without added color pigment is allowed to be used instead of measurements.<br>(2) Roofs: Not less than 75% of the exposed surface of the roof is vegetated using technology capable of withstanding the climate conditions of the jurisdiction and the microclimate conditions of the building lot. Invasive plant species are not permitted. | Yes            | Manufacturer's literature with SRI data.<br>Field verification   |
| <b>505.3 - Density</b>   |   |                |  |
| 505.3  | The average density on the lot on a net developable area basis is:<br>(4) 35 to less than 70 dwelling units per acre  | Yes            | Calculation of number of units divided by lot size for the building.   |
| <b>505.6 - Multi-unit plug-in electric vehicle charging</b>      |   |                |  |
| 505.6  | Plug-in electric vehicle charging capability is provided for at least 1 percent of parking stalls. Electrical capacity in main electric panels supports Level 2 charging (208/240V-40 amp). Each stall is provided with conduit and wiring infrastructure from the electric panel to support Level 2 charging (208/240V-40 amp) service to the designated stalls, and stalls are equipped with either Level 2 charging AC grounded outlets (208/240V-40 amp) or Level 2 charging stations (240V/40A) by a third party charging station.   | Yes            | Plan specs   |
| <b>CHAPTER 6 - Resource Efficiency</b>                           |   |                |  |
| <b>Section 601 - Quality of Construction Materials and Waste</b> |   |                |  |
|  |   | <b>Claimed</b> | <b>Documentation</b>   |
| <b>601.1 - Conditioned floor area</b>                            |   |                |  |
| 601.1  | Finished floor area of a dwelling unit is limited. Finished floor area is calculated in accordance with ANSI Z765 for single family and ANSI/BOMA Z65.4 for multifamily buildings. Only the finished floor area for stories above grade plane is included in the calculation.<br>(2) less than or equal to 1,000 square feet (93 m2)  | Yes            | Plans or other document by architect or designer showing square footage calculation per ANSI Z765. Calculation showing weighted average unit size for multi-family buildings.    |
| <b>601.2 - Material usage</b>                                    |   |                |  |
| 601.2  | Structural systems are designed or construction techniques are implemented that optimize material usage.<br>(1) Minimum structural member or element sizes necessary for strength and stiffness in accordance with advanced framing techniques or structural standards are selected.<br>(3) Performance-based structural design is used to optimize lateral force-resisting systems.  | Yes            | Engineer's statement that the intent of the practice has been met.<br>Engineer's statement of design report showing performance based design meeting the intent of the practice. |
| <b>601.4 - Framing and structural plans</b>                      |   |                |  |
| 601.4  | Detailed framing or structural plans, material quality lists and on-site cut lists for framing, structural materials and sheathing materials are provided.  | Yes            | Detailed framing or structural plans, material quantity lists and on-site cut lists for framing, structural materials, and sheathing materials are provided.                     |

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| <b>601.6 - Stacked stories</b>                                   |  |                  |  |
| 601.6  | Stories above grade are stacked, such as in 1½-story, 2-story, or greater structures. The area of the upper story is a minimum of 50 percent of the area of the story below based on areas with a minimum ceiling height of 7 feet.  | Yes              | Field verification   |
| <b>601.7 - Pre-finished materials</b>                            |  |                  |  |
| 601.7  | Building materials or assemblies listed below that do not require additional site-applied material for finishing are incorporated in the building.   | Yes              | List of materials that do not receive site finishing.  |
|  | (1) 90% or more of the installed building materials or assemblies listed below   | Yes              |  |
|  | (c) window, skylight, and door assemblies not requiring paint or stain on one of the following surfaces:<br>i. exterior surfaces<br>ii. interior surfaces  | Yes              |  |
| <b>Section 602 - Enhanced Durability and Reduced Maintenance</b> |  | <b>Claimed</b>   | <b>Documentation</b>   |
| <b>602.1 - Moisture Management - Building Envelope</b>           |  |                  |  |
| 602.1.1  | Capillary breaks   |                  |  |
| 602.1.1.1  | A capillary break and vapor retarder are installed at concrete slabs in accordance with ICC IRC Sections R506.2.2 and R506.2.3 or ICC IBC Sections 1907 and 1805.4.1   | <b>Mandatory</b> | Plans/specifications AND scope of work(s) detailing how this mandatory requirement has been met. Photo(s) showing installation. Report from certified professional when the building code exceptions are used. |
| <b>602.1.6 - Termite-resistant materials</b>                     |  |                  |  |
| 602.1.6  | In areas of termite infestation probability, termite-resistant materials are used as follows:<br>(3) Very heavy termites - foundation, all structural walls, floors, concealed roof spaces, exterior decks, and exterior claddings.  | Yes              | Field verification   |
| <b>602.1.7 - Moisture control measures</b>                       |  |                  |  |
| 602.1.7.1  | Moisture control measures are in accordance with the following:<br>(1) Building materials with visible mold are not installed or are cleaned or encapsulated prior to concealment and closing.<br>(2) Insulation in cavities is dry in accordance with manufacturer's instructions when enclosed (e.g., with drywall).   | Yes              | Field verification   |
| 602.1.7.2  | Moisture content of subfloor, substrate, or concrete slabs is in accordance with the appropriate industry standard for the finish flooring to be applied.  | Yes              | If wet insulation is used, provide documentation of the moisture content before enclosure.<br>Flooring manufacturer's recommendations for moisture content. Moisture sampling data by builder or 3rd party.    |
| <b>602.1.9 - Flashing</b>  |  |                  |  |
| 602.1.9  | Flashing is provided as follows to minimize water entry into wall and roof assemblies and to direct water to exterior surfaces or exterior water-resistive barriers for drainage. Flashing details are provided in the construction documents and are in accordance with the fenestration manufacturer's instructions, the flashing manufacturer's instructions, or as detailed by a registered design professional.   |                  |  |
|  | (1) Flashing is installed at all of the following locations, as applicable:<br>(a) around exterior fenestrations, skylights, and doors<br>(b) at roof valleys<br>(c) at all building-to-deck, -balcony, -porch, and -stair intersections<br>(d) at roof-to-wall intersections, at roof-to-chimney intersections, at wall-to-chimney intersections, and<br>(e) at ends of and under masonry, wood, or metal copings and sills<br>(f) above projecting wood trim<br>(g) at built-in roof gutters, and<br>(h) drip edge is installed at eaves and rake edges.<br>(7) Flashing is installed at expansion joints in stucco walls.                                     | <b>Mandatory</b> | Plans showing flashing details at all required locations.  |
| <b>602.1.10 - Exterior doors</b>                                 |  |                  |  |
| 602.1.10   | Entries at exterior door assemblies, inclusive of side lights, are covered by one of the following methods to protect the building from the effects of precipitation and solar radiation. A projection factor of 0.375 minimum is provided. Eastern- and western-facing entries in Climate Zones 1, 2, and 3, as determined in accordance with Figure 6(1) or Appendix C, have a projection factor of 1.0 minimum, unless protected from direct solar radiation by other means (e.g., screen wall, vegetation).  | Yes              | Projection factor calculations = overhang width/ height to the overhang (Measure height from sill of window or door to the overhang)   |
| <b>602.1.11 - Tile backing materials</b>                         |  |                  |  |
| 602.1.11   | Tile backing materials installed under tiled surfaces in wet areas are in accordance with ASTM C1178, C1278, C1288, or C1325. Mandatory for certification.   | <b>Mandatory</b> | Manufacturer's literature/specification/labeling showing ASTM compliance. Plans/specifications and scope of work showing installation.   |
| <b>602.1.14 - Architectural features</b>                         |  |                  |  |
| 602.1.14   | Architectural features that increase the potential for water intrusion are avoided:<br>(1) All horizontal ledgers are sloped away to provide gravity drainage as appropriate for the application.<br>(2) No roof configurations that create horizontal valleys in roof design.<br>(3) No recessed windows and architectural features that trap water on horizontal surfaces.   | <b>Mandatory</b> | Field verification   |
|  |  | Yes              | Field verification   |
|  |  | Yes              | Field verification   |
| <b>602.2 - Roof surfaces</b>                                     |  |                  |  |
| 602.2  | A minimum of 90% of roof surfaces, not used for roof penetrations and associated equipment, on-site renewable energy systems such as photovoltaics or solar thermal energy collectors, or rooftop decks, amenities and walkways, are constructed of one or both of the following:<br>(1) Products that are in accordance with the ENERGY STAR cool roof certification or equivalent<br>(3) Minimum initial SRI of 78 for low-sloped roof (a slope less than 2:12) and a minimum initial SRI of 29 for a steep-sloped roof (a slope equal to or greater than 2:12). The SRI is calculated in accordance with ASTM E1980. Roof products are certified and labeled. | Yes              | Manufacturer's literature showing ENERGY STAR cool roof certification or equivalent  |
|  |  | Yes              | Field verification   |
| <b>602.3 - Roof water discharge</b>                              |  |                  |  |
| 602.3  | A gutter and downspout system or splash blocks and effective grading are provided to carry water a minimum of 5 feet away from perimeter foundation walls.   | Yes              | Field verification   |
| <b>602.4 - Finished grade</b>                                    |  |                  |  |
| 602.4.1  | Finished grade at all sides of a building is sloped to provide a minimum of 6 inches of fall within 10 feet of the edge of the building. Where lot lines, walls, slopes, or other physical barriers prohibit 6 inches of fall within 10 feet, the final grade is sloped away from the edge of the building at a minimum slope of 2%.   | <b>Mandatory</b> | Field verification   |
| 602.4.3  | Water is directed to drains or swales to ensure drainage is away from the structure.   | Yes              | Field verification   |

| Section 605 - Recycled Construction Waste            |  | Claimed          | Documentation   |
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| <b>605.1 - Construction waste management plan</b>    |  |                  |   |
| 605.1  | A construction waste management plan is developed, posted at the jobsite, and implemented diverting, through reuse, salvage, recycling, or manufacturer reclamation, a minimum of 50% (by weight) of nonhazardous construction and demolition waste from disposal. For this practice, land clearing debris is not considered construction waste. Materials used as alternative daily cover are considered construction waste and do not count toward recycling or salvaging.   | Yes              | Post C&D waste management plan on-site. Evidence that at least 50% of waste materials are being recycled or salvaged.   |
| <b>605.3 - Recycled construction materials</b>       |  |                  |   |
| 605.3  | Construction materials (e.g., wood, cardboard, metals, drywall, plastic, asphalt roofing shingles, or concrete) are recycled offsite.  | Yes              | Copy of agreement with and pick-up tickets by recycling contractor, list of material types sent to recycler.  |
| Section 607 - Recycling & Waste Reduction            |  | Claimed          | Documentation   |
| <b>607.1 - Recycling &amp; composting</b>            |  |                  |   |
| 607.1  | Recycling and composting by the occupant are facilitated by one or more of the following methods:<br>(1) A built-in collection space in each and an aggregation/pick-up space in a garage, covered outdoor space, or other area for recycling containers.  | Yes              | Field verification  |
| <b>607.2 - Food waste disposer</b>                   |  |                  |   |
| 607.2  | A minimum of one food waste disposer is installed at the primary kitchen sink.   | Yes              | Field verification  |
| Section 609 - Regional Materials                     |  | Claimed          | Documentation   |
| <b>609.1 - Regional Materials</b>                    |  |                  |   |
| 609.1  | Regional materials are used for major and/or minor components of the building. For a component to comply with this practice, a minimum of 75% of all products in that component category must be sourced regionally, e.g., stone veneer category – 75% or more of the stone veneer on a project must be sources regionally.  | Yes              | List of materials or components and manufacturing location used in the project that are extracted, processed and manufactured within 500 miles.   |
| 611 - Innovative Practices                           |  | Claimed          | Documentation   |
| <b>611.3 - Universal design elements</b>             |  |                  |   |
| 611.3  | Dwelling incorporates one or more of the following universal design elements. Conventional industry construction tolerances are permitted.<br>(4) Blocking or equivalent installed in the accessible bathroom walls for future installation of grab bars at water closet and bathing fixture, if applicable.<br>(5) All interior and exterior door handles are levers rather than knobs.<br>(6) All sink faucet controls are single-handle controls of both volume and temperature.<br>(8) All light switches are rocker-type switches or other similar switches that can be operated by pressing them (with assistive devices). Toggle-type switches may not be used.<br>(9) Any of the following can be controlled with a (wireless) mobile device such as a smartphone, tablet or laptop computer: HVAC, lighting, alarm system or door locks | Yes              | Field verification  |
| CHAPTER 7 - Energy Efficiency                        |  |                  |   |
| Section 701 - Minimum Energy Efficiency Requirements |  | Claimed          | Documentation   |
| 701.1.1  | Minimum performance path requirements<br><br>A building complying with Section 702 shall include a minimum of two practices from Section 705.  | <b>Mandatory</b> | Software report indicating at least compliance with the 2015 IECC requirement for the relevant climate location. Acceptable software includes, among others, REM/Rate, Open Studio, or EnergyGauge.   |
| 701.3  | A review by a third party shall be conducted to verify design and compliance with Chapter 7.   | <b>Mandatory</b> | 3rd party report/statement showing design has been reviewed to ensure energy efficient performance or specific prescriptive details are adequately implemented in the building's design, and to ensure proper integration of various energy efficient technologies. In Climate Zone 1 PE must sign off that the system will maintain the cooling season indoor humidity less than the ASHRAE Simplified method for Design Indoor RH (70%) if the system size is not consistent with Manual S. |
| 701.4.1.1  | HVAC systems<br>HVAC system sizing - Space heating and cooling system/equipment is sized according to heating and cooling loads calculated using ACCA Manual J, or equivalent.   | <b>Mandatory</b> | Software output report using ACCA Manual J or equivalent with recommended HVAC equipment sizes.   |
| 701.4.2.1  | Duct air sealing<br><br>Ducts are air sealed. All duct sealing materials are in conformance with UL 181A or UL 181B specifications and are installed in accordance with manufacturer's instructions.   | <b>Mandatory</b> | For buildings with ducted systems provide product spec or trade contractor's scope of work to confirm use of duct sealing using UL 181 tape, mastic, gaskets, or an IRC or ICC/IMC approved system.   |
| 701.4.2.2  | Ducts & Plenums<br>Building cavities are not used as supply ducts or plenums.  | <b>Mandatory</b> | Field verification  |
| 701.4.2.3  | Duct system sizing<br><br>Duct system is sized and designed in accordance with ACCA Manual D or equivalent.  | <b>Mandatory</b> | Software output report for this building using ACCA Manual D or equivalent.   |

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| 701.4.3.2.1   | Grade 1 insulation installations are in accordance with the following:  | Mandatory | Field verification  |
|   | (1) Grading applies to field-installed insulation products.   |           |   |
|   | (2) Grading applies to ceilings, walls, floors, band joists, rim joists, conditioned attics basements and crawlspaces, except as specifically noted.  |           |   |
|   | (3) Inspection is conducted before insulation is covered.   |           |   |
|   | (4) Air-permeable insulation is enclosed on all six sides and is in substantial contact with the sheathing material on one or more sides (interior or exterior) of the cavity. Air permeable insulation in ceilings is not required to be enclosed when the insulation is installed in substantial contact with the surfaces it is intended to insulate.  |           |   |
|   | (9) Exterior sheathing is not visible from the interior through gaps in the cavity insulation.  |           |   |
| 701.4.3.3   | Multifamily air leakage alternative   | Mandatory | Field verification  |
| Multifamily buildings four or more stories in height and in compliance with IECC section C402.5 (Air leakage-thermal envelope) are deemed to comply with Sections 701.4.3.1 and 701.4.3.2.  |   |           |   |
| 701.4.3.4   | Fenestration air leakage  | Mandatory | Manufacturer's label or literature indicating listing complying with this practice.   |
| Windows, skylights and sliding glass doors have an air infiltration rate of no more than 0.3 cfm per square foot, and swinging doors no more than 0.5 cfm per square foot, when tested in accordance with NFRC 400 or AAMA/WDMA/CSA 101/I.S.2/A440 by an accredited, independent laboratory and listed and labeled. This practice does not apply to site-built windows, skylights, and doors. |   |           |   |
| 701.4.4   | High-efficacy lighting  | Mandatory | Field verification  |
|   | Lighting efficacy in dwelling units is in accordance with one of the following:<br>(2) Lighting power density, measured in watts/square foot, is 1.1 or less.   |           |   |
| Section 702 - Performance Path  |   | Claimed   | Documentation   |
| 702.2 - Energy cost performance   |   |           |   |
| 702.2.1   | ICC IECC analysis - Energy efficiency features are implemented to achieve energy cost or source energy performance that meets the ICC IECC. A documented analysis using software in accordance with ICC IECC, Section R405, or ICC IECC Section C407.2 through C407.5, applied as defined in the ICC IECC, is required.   | Mandatory | EnergyGauge meets the requirement.  |
| 702.2.2   | Energy cost performance analysis - Energy cost savings levels above the ICC IECC are determined through an analysis that includes improvements in building envelope, air infiltration, heating system efficiencies, cooling system efficiencies, duct sealing, water heating system efficiencies, lighting and appliances.  | Yes       | If performance claim is 1) not to be supported by performance test data, and 2) not to be based on energy recovery; then 1) the qualified professional must assume in their energy simulation an SLA of 0.00036 for the infiltration, 2) duct system efficiency of 0.88 when all ducts are in conditioned space, and 3) no energy recovery for the ventilation system for either the REM/Rate or EnergyGauge output report. If there is duct work outside of the conditioned space then the duct blaster test must be conducted in accordance with the 2009 IECC. |
| Section 705 - Additional Practices  |   | Claimed   | Documentation   |
| 705.2.1 - Lighting  |   |           |   |
| 705.2.1.2   | Exterior lighting - Photo or motion sensors are installed on 75% of outdoor lighting fixtures to control lighting.  | Yes       | Field verification  |
| 705.2.1.3   | Multifamily common areas  | Yes       | Field verification  |
|   | (1) In a multifamily building, occupancy sensors, or dimmers are installed in common areas (except corridors and stairwells)<br>(a) 50% to less than 75% of lighting fixtures.  |           |   |
| 705.4 - Return ducts and transfer grilles   |   |           |   |
| 705.4   | Return ducts/transfer grilles in all rooms with a door except baths, kitchens, closets, pantries, & laundry.  | Yes       | Field verification  |
| 705.6 - Installation and performance verification   |   |           |   |
| 705.6.1   | Third-party on-site inspection is conducted to verify compliance with all of the following, as applicable. Minimum of two inspections are performed: one inspection after insulation is installed and prior to covering, and another inspection upon completion of the building. Where multiple buildings or dwelling units of the same model are built by the same builder, a representative sample inspection of a minimum of 15 percent of the buildings or dwelling units is permitted. | Yes       | Field verification  |
|   | (1) Ducts are installed in accordance with the ICC IRC or IMC and ducts are sealed.   | Yes       | Field verification  |
|   | (2) Building envelope air sealing installed.  |           |   |
|   | (3) Insulation installed in accordance with 701.4.3.2.1   |           |   |
|   | (4) Windows, skylights, doors are flashed, caulked, and sealed in accordance with manufacturer's recommendations and in accordance with Section 701.4.3   |           |   |
| 705.6.3   | Insulating hot water pipes. Insulation with a minimum thermal resistance (R-value) of at least R-3 is applied to the following, as applicable:<br>(a) piping 3/4-inch and larger in outside diameter  | Yes       | Field verification  |
| 706 Innovative Practices  |   | Claimed   | Documentation   |
| 706.1 - Energy consumption control  |   |           |   |
| 706.1   | A whole-building or whole-dwelling unit device or system is installed that controls or monitors energy consumption.   | Yes       | Manufacturer's product specification(s).  |
|   | (1) programmable communicating thermostat with the capability to be controlled remotely   |           |   |
| 706.4 - Pumps   |   |           |   |
| 706.4.1   | Pool, spa, and water features equipped with filtration pumps as follows:  | Yes       | Manufacturer's literature.  |
|   | (2) Electronically controlled variable-speed pump(s) is installed (full load efficiency of 90% or greater) in a pool.   |           |   |
| 706.8 - Electric vehicle charging station   |   |           |   |
| 706.8   | A Level 2 or Level 3 electric vehicle charging station is installed on the building site.   | Yes       | Field verification  |

| CHAPTER 8 - Water Efficiency                 |  |           |  |
|--|--|-----------|--|
| Section 801 - Indoor and Outdoor Water Use   |  | Claimed   | Documentation  |
| <b>801.2 - Water conserving appliances</b>   |  |           |  |
| 801.2  | ENERGY STAR or equivalent water conserving appliances are installed.   |           |  |
|  | (1) ALL dishwashers  | Yes       | Field verification   |
|  | (2) Washing machine  | Yes       | Field verification   |
| <b>801.3 - Showerheads</b>                   |  |           |  |
| 801.3  | Showerheads are in accordance with the following:  |           |  |
|  | (1) The total maximum combined flow rate of all showerheads controlled by a single valve at any point in time in a shower compartment is <b>1.6 to less than 2.5 gpm</b> . Maximum of two valves are installed per shower compartment. The flow rate is tested at 80 psi in accordance with ASME A112.18.1. Showerheads are served by an automatic compensating valve that complies with ASSE 1016 or ASME A112.18.1 and specifically designed to provide thermal shock and scald protection at the flow rate of the showerhead. | Yes       | Manufacturer's specifications showing compliance.  |
|  | (2) All shower compartments in the dwelling unit(s) and common areas meet the requirements of 801.3(1) and all showerheads are in accordance with one of the following:  | Yes       | Manufacturer's specifications showing compliance.  |
|  | (b) 1.6 to <2.0 gpm  |           |  |
| <b>801.4 - Lavatory Faucets</b>              |  |           |  |
| 801.4.1                                      | Water-efficient lavatory faucets with a maximum flow rate of <b>1.5 gpm</b> , tested at 60 psi in accordance with ASME A112.18.1, are installed:   |           |  |
|  | (1) ALL lavatory faucets per bathroom comply.  | Yes       | Manufacturer's specifications showing compliance.  |
|  | (2) ALL lavatory faucets per dwelling comply.  | Yes       | Manufacturer's specifications showing compliance.  |
| <b>801.5 - Water closets and urinals</b>     |  |           |  |
| 801.5  | Water closets and urinals are in accordance with the following:  |           |  |
|  | (2) A water closet is installed with an effective flush volume of 1.28 gallons or less and meets the flush performance criteria when tested in accordance with ASME A112.19.2/CSA B45.1 or ASME A112.19.14 as applicable.  | Yes       | Manufacturer's specifications showing compliance.  |
|  | (3) All water closets are in accordance with Section 801.5(2).   | Yes       |  |
|  | (4) All water closets are in accordance with Section 801.5(2) and one or more of the following are installed:  | Yes       |  |
|  | (b) One or more urinals with a flush volume of 0.5 gallons or less when tested in accordance with ASME   | Yes       | Manufacturer's specifications showing compliance.  |
| <b>801.6 - Irrigation systems</b>            |  |           |  |
| 801.6.1                                      | Sprinkler nozzles have a maximum precipitation rate of 1.20 inches per hour for turf or landscaping. Nozzle performance is tested by an accredited third party laboratory and results are posted on Smart Water Application Technologies website or similar.   | Yes       | Nozzle performance test results by an accredited third-party laboratory and results are posted on Smart Water Application Technologies website or similar. |
| 801.6.2                                      | Drip irrigation is installed   |           |  |
|  | (1) Drip irrigation is installed for all landscape beds.   | Yes       | Field verification   |
| 801.6.3                                      | Where an irrigation system is installed, an irrigation plan and implementation are executed by a qualified professional certified by a WaterSense labeled program or equivalent program as approved by Adopting Entity.  | Mandatory | Plan and statement from WaterSense professional indicating compliance.   |
| 801.6.4                                      | The irrigation system(s) is controlled by a smart controller or no irrigation is installed.  |           |  |
|  | (1) Evapotranspiration (ET) based irrigation controller with a rain sensor or soil moisture sensor based irrigation controller.  | Yes       | Manufacturer's literature.   |
|  | (2) Irrigation controllers are labeled by EPA WaterSense program.  | Yes       | Manufacturer's literature.   |
| 801.6.5                                      | All irrigation zones utilize pressure regulation so emission devices (sprinklers and drip emitters) operate at manufacturer's recommended operating pressure.  | Yes       | Field verification   |
| CHAPTER 9 - Indoor Environmental Quality     |  |           |  |
| Section 901 - Pollutant Source Control       |  | Claimed   | Documentation  |
| <b>901.1 - Space and water heating</b>       |  |           |  |
| 901.1.2                                      | Air handling equipment or return ducts are not located in the garage, unless in isolated, air-sealed mechanical room with an outside air source.   | Yes       | Field verification   |
| <b>901.2 - Solid fuel-burning appliances</b> |  |           |  |
| 901.2.2                                      | Fireplaces, wood stoves, pellet stoves, or masonry heaters are not installed.  | Yes       | Field verification   |
| <b>901.3 - Garages</b>                       |  |           |  |
| 901.3  | Garages are in accordance with the following:  |           |  |
|  | (1) Attached garages   |           |  |
|  | (a) Doors installed in the common wall between the attached garage and conditioned space are tightly sealed and gasketed.  | Mandatory | Field verification   |
|  | (b) A continuous air barrier is provided separating the garage space from the conditioned living spaces.   | Mandatory | Field verification   |
| <b>901.5 - Cabinets</b>                      |  |           |  |
| 901.5  | At least 85% of installed cabinets are in accordance with one or any combination of the following:   |           |  |
|  | (2) The composite wood used in the wood cabinets are in accordance with CARB Composite Wood Air Toxic Contaminant Measure Standard or equivalent as certified by a third-party program such as the KMCA ESP.   | Yes       | Manufacturer's literature showing 3rd party certification.   |
| <b>901.6 - Carpets</b>                       |  |           |  |
| 901.6  | (1) Wall-to-wall carpeting is not installed adjacent to water closets and bathing fixtures.  | Mandatory | Field verification   |
| <b>901.7 - Flooring materials</b>            |  |           |  |
| 901.7  | The following types of finished flooring materials are used. The materials have emission levels in accordance with CDPH/EHLB Standard Method v1.1. Product is tested by a laboratory with the CDPH/EHLB Standard Method v1.1 within the laboratory scope of accreditation to ISO/IEC 17025 and certified by a third-party program accredited to ISO 17065, such as, but not limited to, those in Appendix D.   | Yes       | Manufacturer's literature showing 3rd party certification. Scope of work or specification showing products to be installed.                                |

**901.9 - Architectural coatings**

|         |  |     |   |
|---------|--|-----|---|
| 901.9.1 | Site-applied interior architectural coatings, which are inside the water proofing envelope, are in accordance with one or more of the following: | Yes | List of interior coatings used showing amount used, %, and VOC criteria. Manufacturer's literature showing VOC. Scopes of work or specifications showing which materials were to be used.       |
|         | (3) CARB Suggested Control Measure for Architectural Coatings  |     |   |
|         | (a) 50 g/L flat,   | Yes |   |
|         | (b) 100 g/L non flat,  | Yes |   |
|         | (c) 150 g/L high-gloss   | Yes |   |
| 901.9.2 | Architectural coating colorant additive VOC content is in accordance with the following:   | Yes | List of all colorants used showing amount used, %, and VOC criteria. Manufacturer's literature showing VOC as listed. Scopes of work or specifications showing which materials were to be used. |
|         | (1) Architectural Coatings, excluding IM Coatings -- 50 g/L  |     |   |
|         | (2) Solvent-Based IM -- 600 g/L  |     |   |
|         | (3) Waterborne IM -- 50 g/L  |     |   |

**901.10 - Interior adhesives and sealants**

|        |   |     |  |
|--------|---|-----|--|
| 901.10 | A minimum of 85% of site-applied adhesives and sealants located inside the waterproofing envelope are in accordance with one of the following, as applicable:   |     |  |
|        | (1) The emission levels are in accordance with CDPH/EHLB Standard Method v1.1. Emission levels are determined by a laboratory accredited to ISO/IEC 17025 and the CDPH/EHLB Standard Method v1.1 is in its scope of accreditation. The product is certified by a third-party program accredited to ISO 17065, such as, but not limited to, those found in Appendix D. | Yes | List of all interior sealants used showing amount, %, and VOC criteria. Manufacturer's literature showing VOC as listed. |

**901.11 - Insulation**

|        |   |     |  |
|--------|---|-----|--|
| 901.11 | Emissions of 85% of wall, ceiling, and floor insulation materials are in accordance with the emission levels of CDPH/EHLB Standard Method v1.1. Emission levels are determined by a laboratory accredited to ISO/IEC 17025 and the CDPH/EHLB Standard Method v1.1 is in its scope of accreditation. Insulation is certified by a third-party program accredited to ISO 17065, such as, but not limited to, those in Appendix D. | Yes | Manufacturer's literature or product marking showing compliance for wall, ceiling and/or floor insulation. |
|--------|---|-----|--|

**901.12 - Carbon monoxide (CO) alarms**

|        |   |                  |   |
|--------|---|------------------|---|
| 901.12 | A carbon monoxide (CO) alarm is provided in accordance with the IRC Section R315. | <b>Mandatory</b> | Manufacturer's literature or product marking showing NFPA and CSA or UL compliance. |
|--------|---|------------------|---|

**901.13 - Building entrance pollutants control**

|        |   |     |                    |
|--------|---|-----|--------------------|
| 901.13 | Pollutants are controlled at all main building entrances by one of the following methods:       |     |                    |
|        | (1) Exterior grilles or mats are installed in a fixed manner and may be removable for cleaning. | Yes | Field verification |

**901.14 - Non-smoking areas**

|        |  |     |                    |
|--------|--|-----|--------------------|
| 901.14 | Environmental tobacco smoke is minimized by one or more of the following:  |     |                    |
|        | (1) All interior common areas of a multi-unit building are designated as non-smoking areas with postage signage.   | Yes | Field verification |
|        | (2) Exterior smoking areas of a multi-unit building are designated with posted signage and located a minimum of 25 feet from entries, outdoor air intakes, and operable windows. | Yes | Field verification |

**Section 902 - Pollutant Control***Claimed**Documentation***902.1 - Spot ventilation**

|         |   |                  |   |
|---------|---|------------------|---|
| 902.1.1 | Spot ventilation is in accordance with the following:   |                  |   |
|         | (1) All bathrooms are vented to the outdoors. The minimum ventilation rate is 50 cfm for intermittent operation or 20 cfm for continuous operation.                       | <b>Mandatory</b> | Manufacturer's literature/specifications for the fan showing cfm. |
|         | (2) Clothes dryers (except listed and labeled condensing ductless dryers) are vented to the outdoors.   | <b>Mandatory</b> | Field verification  |
| 902.1.2 | Bathroom and/or laundry exhaust fan is provided with an automatic timer and/or humidistat:  |                  |   |
|         | (1) for first device  | Yes              | Field verification  |
| 902.1.4 | Exhaust fans are ENERGY STAR labeled  |                  |   |
|         | (1) ENERGY STAR, or equivalent, fans  | Yes              | Manufacturer's literature/specifications for the fan showing cfm. |
|         | (2) ENERGY STAR, or equivalent, fans operating at or below 1 sone   | Yes              | Manufacturer's literature/specifications for the fan showing cfm. |
| 902.1.5 | Fenestration in spaces other than those identified in 902.1.1 through 902.1.4 are designed for stack effect or cross-ventilation in accordance with all of the following: |                  |   |
|         | (2) Insect screens are provided for all operable windows, operable skylights, and sliding glass doors.  | Yes              | Field verification  |

**902.2 - Building ventilation systems**

|         |   |     |   |
|---------|---|-----|---|
| 902.2.3 | MERV filters 8 to 13 are installed on central forced air systems and are accessible. Designer or installer is to verify that the HVAC equipment is able to accommodate the greater pressure drop of MERV 8 to 13 filters. | Yes | Designer/installer certification of system capability for installed MERV filters. |
|---------|---|-----|---|

**902.4 - HVAC system protection**

|       |  |     |                    |
|-------|--|-----|--------------------|
| 902.4 | One of the following HVAC system protection measures is performed:   |     |                    |
|       | (1) HVAC supply registers (boots), return grilles, and rough-ins are covered during construction activities to prevent dust and other pollutants from entering the system. | Yes | Field verification |

**902.6 - Living space contaminants**

|       |   |                  |                    |
|-------|---|------------------|--------------------|
| 902.6 | The living space is sealed in accordance with Section 701.4.3.1 to prevent unwanted contaminants. | <b>Mandatory</b> | Field verification |
|-------|---|------------------|--------------------|

**Section 903 - Moisture Management: Vapor, Rainwater, Plumbing, HVAC***Claimed**Documentation***903.2 - Duct insulation**

|       |  |     |   |
|-------|--|-----|---|
| 903.2 | Ducts are in accordance with one of the following:   | Yes | Manufacturer's literature/specs showing R-value for insulation. |
|       | (2) All HVAC ducts, plenums, and trunks are in conditioned space. All HVAC ducts are insulated to a minimum of R4. |     |   |

**903.3 - Relative humidity**

|       |   |     |   |
|-------|---|-----|---|
| 903.3 | In climate zones 1A, 2A, 3A, 4A, and 5A as defined by Figure 6(1), equipment is installed to maintain relative humidity (RH) at or below 60 percent using one of the following: | Yes | Manufacturer's literature detailing capabilities. Statement by qualified professional that the system as installed has the capacity to meet the practice. |
|       | (2) central HVAC system equipped with additional controls to operate in dehumidification mode   |     |   |



| CHAPTER 10 - Operation, Maintenance, and Building Owner Education                                   |  |           |  |
|---|--|-----------|--|
| Section 1002 - Construction, Operation, & Maintenance Manuals & Training for Multi-Family Buildings |  | Claimed   | Documentation  |
| <b>1002.1 - Building construction manual</b>  |  |           |  |
| 1002.1  | A building construction manual that includes <b>five or more</b> of the following is compiled and distributed in accordance with the intent of this practice.  | Yes       | Verifier must review building construction manual that addresses the mandatory 3 items (a certificate placeholder is acceptable) plus at least 2 of the listed additional optional items. Verify the expected process to deliver manual(s) to the responsible party. |
|   | (1) Narrative detailing the importance of constructing a green building, including a list of green building attributes included in the building. Mandatory for certification.  | Mandatory |  |
|   | (2) Green building program certificate (or place holder), copy of the National Green Building Standard, & the individual measures achieved. Mandatory for certification.   | Mandatory |  |
|   | (3) Warranty, operation, & maintenance instructions for all equipment, fixtures, appliances, & finishes. Mandatory for certification.  | Mandatory |  |
|   | (4) Record drawings of the building  | Yes       |  |
|   | (5) A record drawing of the site including stormwater management plans, utility lines, landscaping with common name and genus/species of planting.   | Yes       |  |
|   | (6) A diagram showing the location of safety valves and controls for major building systems.   | Yes       |  |
|   | (7) A list of the type and wattage of light bulbs installed in light fixtures.   | Yes       |  |
| <b>1002.2 - Operations manuals</b>  |  |           |  |
| 1002.2  | Operations manuals are created/distributed to the responsible parties per 1002.0. Between all of the operational manuals, <b>five or more</b> of the following options are included.   | Yes       | Operations manual with the required items.   |
|   | (1) A narrative detailing the importance of operating and living in a green building. This narrative is included in all responsible parties' manuals.  | Mandatory |  |
|   | (2) List of practices to conserve water and energy (e.g., turning off lights when not in use, shorter showers, using ENERGY STAR labeled electronics).   | Mandatory |  |
|   | (3) Information on methods of maintaining the building's relative humidity in the range of 30-60%.   | Yes       |  |
|   | (5) Information on local & on-site recycling and hazardous waste disposal programs and, if applicable, building recycling waste hazardous waste handling and disposal procedures.  | Yes       |  |
|   | (6) Local public transportation options.   | Yes       |  |
|   | (7) Explanation of the benefits of using compact fluorescent light bulbs, LEDs or other high-efficiency lighting.  | Yes       |  |
|   | (8) Information on native landscape materials and/or those that have low water requirements.   | Yes       |  |
| <b>1002.3 Maintenance manual</b>  |  |           |  |
| 1002.3  | Maintenance manuals are created and distributed to the responsible parties in accordance with Section 1002.0. Between all of the maintenance manuals, <b>five or more</b> of the following options are included.   | Yes       | Review the maintenance manual that addresses the mandatory item and at least 4 of the optional items.  |
|   | (1) A narrative detailing the importance of maintaining a green building. This narrative is included in all responsible parties' manuals.  | Mandatory |  |
|   | (2) List of local service providers that offer regularly scheduled service and maintenance contracts to assure proper performance of equipment and the structure (e.g., HVAC, water heating equipment, sealants, caulks, gutter and downspout system, shower and/or tub surrounds, irrigation system).   | Yes       |  |
|   | (3) User-friendly maintenance checklist that includes:   | Yes       |  |
|   | (a) HVAC filters   |           |  |
|   | (b) Thermostat operation and programming   |           |  |
|   | (c) Lighting controls  |           |  |
|   | (d) Appliances and settings  |           |  |
|   | (e) Water heater settings  |           |  |
|   | (f) Fan controls   |           |  |
|   | (4) List of common hazardous materials often used around the building and instructions for proper handling and disposal of these materials.  | Yes       |  |
|   | (8) A procedure for rental tenant occupancy turnover that preserves the green features.  | Yes       |  |
|   | (9) An outline of formal green building training program for maintenance staff.  | Yes       |  |
|   | (10) A green cleaning plan which includes guidance on sustainable cleaning products.   | Yes       |  |
| <b>1002.4 - Training of building owners</b>   |  |           |  |
| 1002.4  | Building owners and occupants are familiarized with the green building goals and strategies implemented and the impacts of occupants' practices on the costs of operating the building. Training is provided to the responsible party(ies) regarding all equipment operation and control systems. Systems include, but not limited to, all of the following: | Mandatory | Builder's documented procedures and standard practices explaining the occupant training process. Examples of training materials and written confirmation from similar projects that training has actually been done.   |
|   | (1) HVAC filters   |           |  |
|   | (2) Thermostat operation and programming   |           |  |
|   | (3) Lighting controls  |           |  |
|   | (4) Appliances and settings  |           |  |
|   | (5) Water heater settings  |           |  |
|   | (6) Fan controls   |           |  |
|   | (7) Recycling practices  |           |  |
| Section 1003 - Public Education   |  | Claimed   | Documentation  |
| <b>1003.1 - Public Education</b>  |  |           |  |
| 1003.1  | One or more of the following is implemented.   |           |  |
|   | (1) Signage. Signs showing the project is designed and built in accordance with the National Green Building Standard are posted on the construction site.  | Yes       | Visual confirmation and/or photos of the construction signs visible on site during construction.   |
|   | (2) Certification Plaques. National Green Building Standard certification plaques with rating level attained are placed in a conspicuous location near the utility area of the home or, in a conspicuous location near the main entrance of a multifamily building.  | Yes       | Purchase order for certification signage and written instructions regarding installation location.   |
|   | (3) Education. A URL for the National Green Building Standard is included on site signage, builder website (or property website for multifamily buildings), and marketing materials for homes certified under the National Green Building Standard.  | Yes       | Photos, screen shots of web pages, or copies of marketing materials that include www.ngbs.com  |



| Section 1004 - Post Occupancy Performance Assessment |   | Claimed | Documentation  |
|--|---|---------|--|
| <b>1004.1 - Verification system</b>                  |   |         |  |
| 1004.1   | A verification system plan is provided in the building owner's manual (Sections 1001 or 1002). The verification system provides methods for demonstrating continued energy and water savings that are determined from the building's initial year of occupancy of water and energy consumption as compared to annualized consumption at least every four years. |         |  |
|  | (1) Verification plan is developed to monitor post-occupancy energy and water use and is provided in the building owner's manual.   | Yes     | Analysis or reports from appropriate building modeling software used during design by the design team to estimate expected annual energy and water use for the building. The expected energy and water use will set the performance baseline for the building and the calculations must be included in the building owner's manual.<br>Building owner's manual must include a plan where actual energy and water use can be compared to the expected energy and water use. The plan must provide for measurement and verification of the energy and water use at least every four years after initial occupancy. The building owner can select to review energy and water use at a more frequent schedule. Further, if the building owner's manual must energy or water use exceed the design baseline by more than 20% on an annualized basis, the owner will further investigate and resolve any issues found, or recommend further corrections or modifications to meet the efficiency standards. |
|  | (2) Verification system is installed in the building to monitor post-occupancy energy and water use.  | Yes     | Verification system, such as automated monitoring equipment, is installed that provides a means to measure energy and water usage.   |



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## Summary of Results of the Design Phase

Project Name: Point Royale Apartments

Location: 18901 S. Dixie Highway, Cutler Bay, Florida 33157

✓ No Mandatory items missing on the "Overview (Design)" page

|  | Points Required |            |            |            | Points Claimed | Mandatory Practices | No Errors |
|--|-----------------|------------|------------|------------|----------------|---------------------|-----------|
|  | Bronze          | Silver     | Gold       | Emerald    |                |                     |           |
| Chapter 5: Lot Design, Preparation, and Development              | 50              | 64         | 93         | 121        | 176            | ✓                   | ✓         |
| Chapter 6: Resource Efficiency                                   | 43              | 59         | 89         | 119        | 94             | ✓                   | ✓         |
| Chapter 7: Energy Efficiency                                     | 30              | 45         | 60         | 70         | 65             | ✓                   | ✓         |
| Chapter 8: Water Efficiency                                      | 25              | 39         | 67         | 92         | 71             | ✓                   | ✓         |
| Chapter 9: Indoor Environmental Quality                          | 25              | 42         | 69         | 97         | 70             | ✓                   | ✓         |
| Chapter 10: Operation, Maintenance, and Building Owner Education | 8               | 10         | 11         | 12         | 13             | ✓                   | ✓         |
| Additional Points required                                       | 50              | 75         | 100        | 100        |                |                     |           |
| Additional points required due to SF over 4000 (601.1)           | 0               | 0          | 0          | 0          |                |                     |           |
| <b>Total points required</b>                                     | <b>231</b>      | <b>334</b> | <b>489</b> | <b>611</b> | <b>489</b>     |                     |           |
| Additional Points Claimed  | 308             | 230        | 100        | (22)       |                |                     |           |
| <b>Overall Level Achieved for Design</b>                         | <b>Gold</b>     |            |            |            |                |                     |           |