**COMPLETE AND INCORPORATE THIS FORM INTO THE PLANS**

 Project Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Permit Number: \_\_\_\_\_\_\_\_ - \_\_\_\_\_\_\_\_ - \_\_\_\_\_\_\_\_

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| **ITEM #** | **BOD ITEMS** | **PAGE NUMBER IN BOD DOCUMENT** |
|  | **HVAC SYSTEMS AND CONTROLS** |  |
| 1 | Narrative description of system (i.e. system type(s), location, control type, efficiency features, outdoor air ventilation strategy, indoor air quality features, noise reduction features, environmental benefits, other features) |  |
| 2 | Description of how the system meets requirements in OPR |  |
| 3 | Reasons for system selection, as opposed to alternatives (e.g. comfort performance, efficiency, reliability, cost, acoustics, etc.) |  |
| 4 | Load calculations (i.e. method/software, summer outdoor conditions, winter outdoor conditions, indoor design conditions, assumptions, other) |  |
| 5 | Sequence of Operations (i.e. operating schedules, setpoints, other) |  |
|  | **INDOOR LIGHTING SYSTEM** |  |
| 6 | Narrative Description of system (e.g. fixture type(s), lamp & ballast type, control type, etc.) |  |
| 7 | Description of how the system meets requirements in OPR |  |
| 8 | Reasons for system selection, as opposed to alternatives (e.g. visual comfort performance, efficiency, reliability, flexibility, simplicity, cost, etc.) |  |
| 9 | Lighting Design Criteria (i.e. space ID, space type, illumination design target, source of target, light calculation assumptions, other) |  |
| 10 | Lighting Power Design Target (i.e. space type, Title 24-Energy Code lighting power allowance, lighting power design target, other) |  |
|  | **WATER HEATING SYSTEM** |  |
| 11 | Narrative description of system (i.e. system type, location, control type, efficiency features, environmental benefits, other) |  |
| 12 | Description of how the system meets requirements in OPR |  |
| 13 | Reasons for system selection, as opposed to alternatives (e.g. performance, efficiency, reliability, space constraints, cost, ease of maintenance, other) |  |
| 14 | Water heating load calculations: sizing calculation method, assumptions, and results |  |
|  | **LANDSCAPE IRRIGATION SYSTEMS** |  |
| 15 | Narrative description of system (i.e. system type(s), location, control type, performance, efficiency, water savings, other) |  |
| 16 | Description of how the system meets requirements in OPR |  |
| 17 | Reasons for system selection, as opposed to alternatives (e.g. performance, efficiency, reliability, flexibility, cost, utility company incentives, other) |  |
| 18 | Landscape irrigation system calculations: sizing calculation method, assumptions, and results |  |
|  | **COVERED PROCESSES** |  |
| 19 | Narrative description of system (i.e. system type(s), location, control type, performance, efficiency, savings, other) |  |
| 20 | Description of how the system meets requirements in OPR |  |
| 21 | Reasons for system selection, as opposed to alternatives (e.g. performance, efficiency, reliability, flexibility, simplicity, expandability, cost, payback period, utility company incentives, owner preference, etc.) |  |
| 22 | Sequence of Operation (e.g. operating schedules, setpoints, storage capacity, etc…) |  |
|  | **RENEWABLE ENERGY SYSTEMS (IF ANY)** |  |
| 23 | Narrative description of system (i.e. system type(s), location, inverter type, control type, performance, efficiency, energy savings, payback period, other) |  |
| 24 | Description of how the system meets requirements listed in OPR |  |
| 25 | Reasons for system selection, as opposed to alternatives (e.g. performance, efficiency, reliability, flexibility, simplicity, expandability, cost, payback period, etc.) |  |
| 26 | Renewable energy system generation calculations: sizing calculation method, assumptions, and results |  |
|  | **WATER REUSE SYSTEM (IF ANY)** |  |
| 27 | Narrative description of system (i.e. system type(s), location, space requirements, equipment requirements, control type, performance, efficiency, potable water savings, payback period, other) |  |
| 28 | Description of how the system meets requirements in OPR |  |
| 29 | Reasons for system selection, as opposed to alternatives (e.g. performance, efficiency, reliability, flexibility, simplicity, cost, payback period, etc.) |  |
| 30 | Water reuse system calculations: sizing calculation method, assumptions, and results |  |

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| **Architect/Engineer/Designer Acknowledgement**I hereby acknowledge the Basis of Design (BOD) document has been completed and meets the Owner’s Project Requirements (OPR). |
|  | **Name** | **License Number** | **Signature** | **Date** |
| **Architect of Record** |  |  |  |  |
| **Mechanical Designer** |  |  |  |  |
| **Electrical Designer** |  |  |  |  |
| **Plumbing Designer** |  |  |  |  |
| **Landscape Architect** |  |  |  |  |
| **Renewable Energy System Designer** |  |  |  |  |
| **Others (specify):** |  |  |  |  |

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| **Commissioning Agent Acknowledgement**I have reviewed the Basis of Design (BOD) and verified that it meets the Owner’s Project Requirements (OPR):Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Company Name (if applicable): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Agent’s Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |