

COUNTY OF KAUAI  
 CHAPTER 12, KAUAI COUNTY BUILDING CODE  
 KAUAI COUNTY CODE 1987, AS AMENDED  
 ARTICLE 6 – ENERGY CONSERVATION CODE

To the best of my knowledge, this project's design substantially conforms to:  
 Section 12-6.3 Adoption of the International Energy Conservation Code (IECC)  
 Section 12-6.4 Local Amendments to the IECC  
 For **mechanical systems** (Section C403, C404 and C408).

**COMPLIANCE METHOD**

- 2015 IECC as amended. Mandatory & Prescriptive
- 2015 IECC as amended. Mandatory & Total Building Performance
- ASHRAE Standard 90.1-2013. Mandatory & Prescriptive
- ASHRAE Standard 90.1-2013. Mandatory & Energy Cost Budget

**INFORMATION IN CONSTRUCTION DOCUMENTS**

	YES	N/A
<b>HVAC Systems</b>		
Equipment capacity and efficiency. C403.2.3	<input type="checkbox"/>	<input type="checkbox"/>
Thermostatic controls. C403.2.4	<input type="checkbox"/>	<input type="checkbox"/>
Guest room door switches. C403.2.4.2.4	<input type="checkbox"/>	<input type="checkbox"/>
Ventilation rate. C403.2.6	<input type="checkbox"/>	<input type="checkbox"/>
<b>Demand control ventilation controls. C403.2.6.1</b>		
Enclosed parking garage ventilation control. C403.2.6.2	<input type="checkbox"/>	<input type="checkbox"/>
Energy recovery ventilation system. C403.2.7	<input type="checkbox"/>	<input type="checkbox"/>
Kitchen exhaust systems. C403.2.8	<input type="checkbox"/>	<input type="checkbox"/>
Duct and plenum insulation thickness/R-value. C403.2.9	<input type="checkbox"/>	<input type="checkbox"/>
Duct and plenum sealing requirements. C403.2.9	<input type="checkbox"/>	<input type="checkbox"/>
Pipe insulation thickness/R-value. C403.2.10	<input type="checkbox"/>	<input type="checkbox"/>
Fan motor horsepower. C403.2.12	<input type="checkbox"/>	<input type="checkbox"/>
Fan efficiency. C403.2.12	<input type="checkbox"/>	<input type="checkbox"/>
Fan motor efficiency. C405.8	<input type="checkbox"/>	<input type="checkbox"/>
Pump motor efficiency. C405.8	<input type="checkbox"/>	<input type="checkbox"/>
Variable-flow fan control. C403.4.1	<input type="checkbox"/>	<input type="checkbox"/>
Static pressure sensor location. C403.4.1.2	<input type="checkbox"/>	<input type="checkbox"/>
Static pressure reset control. C403.4.1.3	<input type="checkbox"/>	<input type="checkbox"/>
Chilled water variable flow control. C403.4.2.4	<input type="checkbox"/>	<input type="checkbox"/>
Chiller isolation. C403.4.2.6	<input type="checkbox"/>	<input type="checkbox"/>
Cooling tower fan control. C403.4.3	<input type="checkbox"/>	<input type="checkbox"/>
Terminal unit minimum and maximum airflow. C403.4.4	<input type="checkbox"/>	<input type="checkbox"/>
Commissioning requirements. C408.2	<input type="checkbox"/>	<input type="checkbox"/>
<b>Refrigeration</b>		
Refrigeration equipment efficiency. C403.2.14	<input type="checkbox"/>	<input type="checkbox"/>
Walk-in coolers and freezers. C403.2.15, C403.2.16 & C403.5	<input type="checkbox"/>	<input type="checkbox"/>
Refrigerated warehouses. C403.2.15 & C403.5	<input type="checkbox"/>	<input type="checkbox"/>
Refrigerated display cases. C403.2.17 & C403.5	<input type="checkbox"/>	<input type="checkbox"/>
<b>Service Water Heating</b>		
Heat recovery for service water heating. C403.4.5	<input type="checkbox"/>	<input type="checkbox"/>
Equipment capacity and efficiency. C404.2	<input type="checkbox"/>	<input type="checkbox"/>
Pipe insulation. C404.4	<input type="checkbox"/>	<input type="checkbox"/>
Hot water pipe length/volume. C404.5	<input type="checkbox"/>	<input type="checkbox"/>
Hot water circulation controls. C404.6	<input type="checkbox"/>	<input type="checkbox"/>
Heated pool and spa covers. C404.9.3	<input type="checkbox"/>	<input type="checkbox"/>
Commissioning requirements. C408.2	<input type="checkbox"/>	<input type="checkbox"/>

**C408.2 Mechanical systems and service water-heating systems commissioning and completion requirements.** Prior to the final mechanical and plumbing inspections, the *registered design professional or approved agency* shall provide evidence of mechanical systems *commissioning* and completion requirements in accordance with this section and are permitted to refer to specifications for further requirements. Copies of all documentation shall be given to the owner or owner's authorized agent and made available to the *code official* upon request in accordance with Sections C408.2.4 and C408.2.5.

SIGNATURE:

DATE:

NAME:

TITLE:

LICENSE NO.: