



Compliance Certificate

Project Information

Energy Code:	90.1 (2022) Standard
Project Title:	Klamath Tribes Fitness Center Addition
Location:	Chiloquin, Oregon
Climate Zone:	5b
Project Type:	Addition
Project No:	160921
Performance Sim. Specs:	EnergyPlus 24.1.0 (EPW:)
All Electric:	false
Is Renewable:	false
Has Battery:	false
Has Charger:	false
Has Heat Pump:	false

Construction Site:

320 Chiloquin Blvd.
Chiloquin , Oregon 97624

Owner/Agent:**Designer/Contractor:****Notes:**

Energy Credits

Description	Credit
L03 Occupancy Sensor Control Areas	4.0
L06 Reduced lighting power	12.0
Q02 Efficient kitchen equipment	0.0
H03 5% cooling efficiency improvement	16.0
H02 5% heating efficiency improvement	10.4
P01 Energy monitoring	4.0
G02 HVAC Load Management	13.0
G01 Lighting Load Management	0.0
W05 Point of Use Water Heater	2.0

Not applicable

Renewable energy

Number of Floors:	1
Area of Three Largest Floors:	19549
Proposed Capacity:	0
Required Capacity:	9774
Exception:	None

On-Site Renewable Energy

System	Capacity	Units
Unspecified	0	Watts

Renewables Fail: Proposed: 0 Watts Required: 9774 Watts

Building Area

Description	Floor Area
1-Exercise Center (Exercise Center) : Nonresidential	19549



Mechanical Compliance Certificate

Project Information

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Owner/Agent:**Designer/Contractor:**

Mechanical Systems List

Quantity	Component	Description
HVAC Systems		
1	RTU-1 (Single Zone):	Single Package Heat Pump Heating Mode: Capacity = 138 kBtu/h, Proposed Efficiency = 3.80 COPH, Required Efficiency = 3.40 COPH Cooling Mode: Capacity = 103 kBtu/h, , Air Economizer Proposed Efficiency = 12.10 EER, Required Efficiency = 11.00 EER Proposed Part Load Efficiency = 17.20 IEER, Required Part Load Efficiency = 14.10 IEER Fan System: RTU-1/2 FAN -- Compliance (Motor nameplate HP and fan efficiency method) : Passes Fans: RTU-1/2 FAN Supply, Constant Volume, 5000 CFM, 2.9 motor nameplate hp, 72.00 fan energy index
1	RTU-2 (Single Zone):	Single Package Heat Pump Heating Mode: Capacity = 138 kBtu/h, Proposed Efficiency = 3.80 COPH, Required Efficiency = 3.40 COPH Cooling Mode: Capacity = 103 kBtu/h, , Air Economizer Proposed Efficiency = 12.10 EER, Required Efficiency = 11.00 EER Proposed Part Load Efficiency = 17.20 IEER, Required Part Load Efficiency = 14.10 IEER Fan System: RTU-1/2 FAN -- Compliance (Motor nameplate HP and fan efficiency method) : Passes Fans: RTU-1/2 FAN Supply, Constant Volume, 5000 CFM, 2.9 motor nameplate hp, 72.00 fan energy index
1	RTU-3 (Multiple-Zone):	Single Package Heat Pump Heating Mode: Capacity = 101 kBtu/h, Proposed Efficiency = 3.80 COPH, Required Efficiency = 3.40 COPH Cooling Mode: Capacity = 75 kBtu/h, , Air Economizer Proposed Efficiency = 12.10 EER, Required Efficiency = 11.00 EER Proposed Part Load Efficiency = 17.50 IEER, Required Part Load Efficiency = 14.10 IEER Fan System: RTU-3 FAN -- Compliance (Motor nameplate HP and fan efficiency method) : Passes Fans: RTU-3 FAN Supply, Constant Volume, 3400 CFM, 3.0 motor nameplate hp, 72.00 fan energy index
1	RTU-4 (Single Zone):	Single Package Heat Pump Heating Mode: Capacity = 44 kBtu/h, Proposed Efficiency = 7.20 HSPF2, Required Efficiency = 6.70 HSPF2 Cooling Mode: Capacity = 34 kBtu/h, Proposed Efficiency = 16.20 SEER2, Required Efficiency = 13.40 SEER2 Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00 Fan System: RTU-4/5 FAN -- Compliance (Motor nameplate HP and fan efficiency method) : Passes Fans: RTU-4/5 FAN Supply, Constant Volume, 1600 CFM, 3.0 motor nameplate hp, 72.00 fan energy index

Quantity	Component	Description
1	RTU-5 (Single Zone):	Single Package Heat Pump Heating Mode: Capacity = 44 kBtu/h, Proposed Efficiency = 7.20 HSPF2, Required Efficiency = 6.70 HSPF2 Cooling Mode: Capacity = 34 kBtu/h, Proposed Efficiency = 16.20 SEER2, Required Efficiency = 13.40 SEER2 Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00 Fan System: RTU-4/5 FAN -- Compliance (Motor nameplate HP and fan efficiency method) : Passes Fans: RTU-4/5 FAN Supply, Constant Volume, 1600 CFM, 3.0 motor nameplate hp, 72.00 fan energy index

Water Heaters

1	WH-1:	Electric Storage Water Heater, Capacity: 50 gallons w/ Circulation Pump Proposed Efficiency: 0.98 SL, %/h (if > 12 kW), Required Efficiency: 0.84 SL, %/h (if > 12 kW)
1	WH-2:	Electric Storage Water Heater, Capacity: 10 gallons No minimum efficiency requirement applies
1	IEWH-1:	Electric Instantaneous Water Heater, Capacity: 0 gallons No minimum efficiency requirement applies

Mechanical Compliance Statement

Compliance Statement: The proposed mechanical design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 90.1 (2022) Standard requirements in COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Ethan Mansfield - Mechanical Engineer

Ethan Mansfield

09/03/2026

Name - Title	Signature	Date
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Inspection Checklist

Energy Code: 90.1 (2022) Standard

Requirements: 94% were addressed directly in the *COMcheck* software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Plan Review

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
4.2.2, 6.4.4.2.1, 6.7.2 [PR2] ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the mechanical systems and equipment and document where exceptions to the standard are claimed. Load calculations per acceptable engineering standards and handbooks.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101
4.2.2, 7.7.1, 10.4.2 [PR3] ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the service water heating systems and equipment and document where exceptions to the standard are claimed. Hot water system sized per manufacturer's sizing guide.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: P001, P100, P200
4.2.2, 8.4.1.1, 8.4.1.2, 8.7 [PR6] ²	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the electrical systems and equipment and document where exceptions are claimed. Feeder connectors sized in accordance with approved plans and branch circuits sized for maximum drop of 3%.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: TBD
4.2.5.2 [PR5] ¹	Commissioning shall be performed as stated in Sections 5.9.2, 6.9.2, 7.9.2, 8.9.2, 9.9.2, 10.9.2, 11.2(d), and G1.2.1(c). Commissioning must utilize ASHRAE/IES Standard 202 or other generally accepted engineering standards acceptable to the building official. FPT and verification requirements for commissioning are as stated in Section 4.2.5.1. Commissioning shall document compliance of the building systems, controls, and building envelope with required provisions of this standard. Commissioning requirements shall be incorporated into the construction documents.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101

Additional Comments/Assumptions:

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1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Footing / Foundation Inspection

Section # & Req.ID	Footing / Foundation Inspection	Complies?	Comments/Assumptions
6.4.3.7 [FO9] ⁹	Freeze protection and snow/ice melting system sensors for future connection to controls.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Plumbing Rough-In Inspection

Section # & Req.ID	Plumbing Rough-In Inspection	Complies?	Comments/Assumptions
7.4.4.1 [PL2] ³	Temperature controls installed on service water heating systems (<=120°F to maximum temperature for intended use).	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: P001, P100, P200
7.4.4.2 [PL3] ¹	Automatic time switches installed to automatically switch off the recirculating hot-water system or heat trace.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: P001, P100, P200
7.4.6 [PL4] ³	Heat traps installed on non-circulating storage water tanks.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: P001, P100, P200

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Mechanical Rough-In Inspection

Section # & Req.ID	Mechanical Rough-In Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
6.4.1.4, 6.4.1.5 [ME1] ²	HVAC equipment efficiency verified. Non-NAECA HVAC equipment labeled as meeting 90.1.	Efficiency:	Efficiency:	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	See the Mechanical Systems list for values
6.4.4.1.2 [ME8] ²	HVAC ducts and plenums insulated per Table 6.8.2. Where ducts or plenums are installed in or under a slab, verification may need to occur during Foundation Inspection.	R-	R-	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101
6.4.4.1.3 [ME9] ²	HVAC piping insulation thickness. Where piping is installed in or under a slab, verification may need to occur during Foundation Inspection.	in.	in.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101
6.4.4.1.4 [ME41] ³	Thermally ineffective panel surfaces of sensible heating panels have insulation $\geq$ R-3.5.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101
6.4.4.2.1 [ME10] ²	Ducts and plenums having pressure class ratings are Seal Class A construction.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
6.8.1-15, 6.8.1-16 [ME110] ²	Electrically operated DX-DOAS units meet requirements per Tables 6.8.1-15 or 6.8.1-16.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
6.4.4.2.2 [ME11] ³	Ductwork operating >3 in. water column requires air leakage testing.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
6.5.1, 6.5.1.1, 6.5.1.3, 6.5.1.4 [ME12] ¹	Air economizers provided where required (and not exempted), meet the requirements for design capacity, control signal, ventilation controls, high-limit shut-off, integrated economizer control, air relief, and provide a means to relieve excess outside air during operation.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	
6.5.1.4 [ME16] ¹	Economizer operation will not increase heating energy use during normal operation.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101
6.5.2.1 [ME17] ¹	Zone controls can limit reheating, recooling, simultaneous heating and cooling and sequence heating and cooling to each zone.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101
6.5.2.3 [ME19] ³	Dehumidification controls provided to prevent reheating, recooling, mixing of hot and cold airstreams or concurrent heating and cooling of the same airstream.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101

Section # & Req.ID	Mechanical Rough-In Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
6.5.2.4.1 [ME68] ³	Humidifiers with airstream mounted preheating jackets have preheat auto-shutoff value set to activate when humidification is not required.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
6.5.2.4.2 [ME69] ³	Humidification system dispersion tube hot surfaces in the airstreams of ducts or air-handling units insulated $\geq$ R-0.5.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
6.5.2.5 [ME70] ³	Preheat coils controlled to stop heat output whenever mechanical cooling, including economizer operation, is active.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101
6.5.2.6 [ME106] ³	Units that provide ventilation air to multiple zones and operate in conjunction with zone heating and cooling systems are prevented from using heating or heat recovery to warm supply air above 60°F when representative building loads or outdoor air temperature indicate that most zones demand cooling.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101
6.5.3.4 [ME108] ²	Parallel-flow fan-powered VAV air terminals have automatic controls to a) turn off the terminal fan except when space heating is required or if required for ventilation; b) turn on the terminal fan as the first stage of heating before the heating coil is activated; and c) during heating for warmup or setback temperature control, either operate the terminal fan and heating coil without primary air or reverse the terminal damper logic and provide heating from the central air handler through primary air.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
6.5.3.8 [ME109] ²	Required minimum outdoor air rate is the larger of minimum outdoor air rate or minimum exhaust air rate required by Standard 62.1, Standard 62.2, Standard 170, or applicable codes or accreditation standards. Outdoor air ventilation systems shall comply with one of the following: a) design minimum system outdoor air provided $< 135\%$ of the required minimum outdoor air rate, b) dampers, ductwork, and controls allow the system to supply $\leq$ the required minimum outdoor air rate with a single set-point adjustment., or c) system includes exhaust air energy recovery complying with Section 6.5.6.1.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101
6.5.3.9 [ME110] ²	Zones serving rooms required to have automatic partial OFF or automatic full OFF lighting controls per Section 9.4.1.1, where the ASHRAE Standard 62.1 occupancy category permits ventilation air to be reduced to zero when the space is in occupied-standby mode and when using the Ventilation Rate Procedure, shall meet the following within five minutes of all rooms in that zone entering occupied-standby mode.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101
6.5.3.2.2 [ME23] ²	VAV fans have static pressure sensors positioned so setpoint ≤ 1.2 in. w.c. design pressure.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: N/A

Section # & Req.ID	Mechanical Rough-In Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
6.5.3.2.3 [ME24] ²	Reset static pressure setpoint for DDC controlled VAV boxes reporting to central controller based on the zones requiring the most pressure. Controls provide: zone damper monitoring or indicator of static pressure need; autodetection, alarm, and operator override of zones excessively triggering reset logic.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: N/A
6.5.3.2.4 [ME102] ²	Return and relief fans used to meet Section 6.5.1.1.5 have relief air rate controlled to maintain building pressure through differential supply-return airflow tracking. Systems with supply fans allowed to control the relief system based on outdoor air damper position. Fans have variable speed control or other devices for managing total return/relief fan system demand per section threshold.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
6.5.3.3 [ME42] ³	Multiple zone VAV systems with DDC of individual zone boxes have static pressure setpoint reset controls.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply. <i>See the Mechanical Systems list for values</i>
6.4.3.4.1 [ME3] ³	Stair and elevator shaft vents have motorized dampers that automatically close.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
6.5.3.5 [ME43] ³	Multiple zone HVAC systems have supply air temperature reset controls.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	<i>See the Mechanical Systems list for values</i> Location on plans/spec: M001, M100, M101
6.5.4.2 [ME25] ³	HVAC pumping systems with ≥ 3 control valves designed for variable fluid flow (see section details).			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
6.5.6.1, 6.5.6.1.1 [ME56] ¹	Nontransient dwelling units shall be provided with outdoor air energy recovery ventilation systems that meet the requirements of Section 6.5.6.1.1			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
6.5.6.1, 6.5.6.1.2 [ME110] ¹	Fan systems serving spaces other than nontransient dwelling units have an energy recovery system meet the requirements in Tables 6.5.6.1.2-1 and 6.5.6.1.2-2			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
6.5.7.1 [ME100] ²	Conditioned supply air to space with mechanical exhaust $\leq$ the greater of criteria of supply flow, required ventilation rate, exhaust flow minus the available transfer air (see section details).			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101
6.5.7.2.1 [ME32] ²	Kitchen hoods $>5,000$ cfm have make up air $\geq 50\%$ of exhaust air volume.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
6.4.3.4.2, 6.4.3.4.3 [ME4] ³	Outdoor air and exhaust systems have motorized dampers that automatically shut when not in use and meet maximum leakage rates. Check gravity dampers where allowed.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.

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6.5.7.2.4 [ME49] ³	Approved field test used to evaluate design air flow rates and demonstrate proper capture and containment of kitchen exhaust systems.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101
6.5.8.1 [ME34] ²	Unenclosed spaces that are heated use only radiant heat.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
7.4.2 [ME36] ²	Service water heating equipment meets efficiency requirements.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	
6.4.3.9 [ME63] ²	Heating for vestibules and air curtains with integral heating include automatic controls that shut off the heating system when outdoor air temperatures > 45F. Vestibule heating and cooling systems controlled by a thermostat in the vestibule with heating setpoint <= 60F and cooling setpoint >= 85F.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101
6.5.10 [ME73] ³	Doors separating conditioned space from the outdoors have controls that disable/reset heating and cooling system when open.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Building entrances have automatic closing devices.
6.4.3.4.5 [ME39] ³	Parking garage ventilation shall meet the following: 1) Separate ventilation systems and control systems for each section, 2) Control systems shall automatically detect and control contaminant levels and capable to reduce airflow to 20% or less of design capacity and 3) The ventilation system for each section shall have controls that result in fan motor demand <= 30% of design wattage at 50% of the design airflow.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
6.4.3.4.4 [ME5] ³	Ventilation fans >0.75 hp have automatic controls to shut off fan when not required.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: HVAC systems intended to operate continuously.
6.4.3.8 [ME6] ¹	Demand control ventilation provided for spaces larger than the floor area of Table 6.4.3.8 based on occupant outside airflow in cfm per 1000 sq ft and served by an air economizer, automatic damper or with design airflow > 3000 cfm			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101
6.5.3.2.1 [ME40] ²	DX cooling systems >= 75 kBtu/h (>= 65 kBtu/h effective 1/2016) and chilled-water and evaporative cooling fan motor hp >= 1/4 designed to vary supply fan airflow as a function of load and comply with operational requirements.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply. <i>See the Mechanical Systems list for values</i>
6.4.4.1.1 [ME7] ³	Insulation exposed to weather protected from damage. Insulation outside of the conditioned space and associated with cooling systems is vapor retardant.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101

Additional Comments/Assumptions:

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1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Rough-In Electrical Inspection

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
8.4.2 [EL10] ²	At least 50% of all 125 volt 15- and 20-Amp receptacles are controlled by an automatic control device.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Receptacles intended for 24 hour operation of equipment. Location on plans/spec: TBD
8.4.3 [EL11] ²	New buildings have electrical energy use measurement devices installed. Where tenant spaces exist, each tenant is monitored separately. In buildings with a digital control system the energy use is transmitted to to control system and displayed graphically.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: TBD
10.4.1 [EL9] ²	Electric motors meet requirements where applicable.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Final Inspection

Section # & Req.ID	Final Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
6.4.3.6 [FI6] ³	When humidification and dehumidification are provided to a zone, simultaneous operation is prohibited. Humidity control prohibits the use of fossil fuel or electricity to produce RH > 30% in the warmest zone humidified and RH < 60% in the coldest zone dehumidified.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: N/A
6.7.3.1 [FI7] ³	Furnished HVAC as-built drawings submitted within 90 days of system acceptance.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	
6.7.3.2 [FI8] ³	Furnished O&M manuals for HVAC systems within 90 days of system acceptance.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	
6.7.3.3 [FI9] ¹	An air and/or hydronic system balancing report is provided for HVAC systems serving zones >5,000 ft ² of conditioned area.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101
6.7.3.2 [FI10] ¹	HVAC control systems have been tested to ensure proper operation, calibration and adjustment of controls.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101
7.4.4.3 [FI11] ³	Public lavatory faucet water temperature <= 110° F.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: P001, P10, P200
7.4.4.4 [FI12] ³	Controls are installed that limit the operation of a recirculation pump installed to maintain temperature of a storage tank.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: P001, P100, P200
6.4.3.1.1 [FI2] ²	Heating and cooling to each zone is controlled by a thermostat control.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101
10.4.3 [FI24] ²	Elevators are designed with the proper lighting, ventilation power, and standby mode.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
10.5.1 [FI25] ¹	The building site contains on-site renewable energy with a rated capacity of not less than 0.50 W/ft ² or 1.7 Btu/ft ² of the three largest floors.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101
7.4.3.1 [FI45] ²	First 8 ft of outlet piping in nonrecirculating storage system, or branch piping connected to recirculated, heat traced, or impedance heated piping is insulated.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: P001, P100, P200

Section # & Req.ID	Final Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
10.4.5 [FI26] ²	Air curtain unit performance tested in accordance with ANSI/AMCA 220 or ISO 27327-1. Automatic controls comply with Section 6.4.3.9.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
10.4.7 [FI27] ²	Whole-Building Energy Monitoring devices shall be installed and complies with Section 10.4.7.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
6.4.3.1.2 [FI3] ³	Thermostatic controls have a 5 °F deadband.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101
11.5.2.3.3a [FI55] ²	W05: Point of Use Water Heater energy credit measure requires hot water to be supplied from localized source without recirculation or heat trace. Pipe insulation according to Table 6.8.3-1 and volume of water in piping limited to 2 oz for nonresidential lavatories or 0.25 oz for all other plumbing fixtures.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	<i>See the Mechanical Systems list for values</i>
6.4.3.2 [FI20] ³	Temperature controls have setpoint overlap restrictions.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101
11.5.2.4 [FI60] ²	P01: Energy Monitoring energy credit measure requires projects that are not required to have electrical energy monitoring systems installed shall be equipped to measure, monitor, record, and report energy consumption data in compliance with Section 8.4.3.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	
11.5.2.5.3 [FI62] ²	L03: Occupancy Sensors Control Areas energy credit measure requires buildings use "Simplified Building Method Compliance Path," or in spaces where automatic partial OFF or automatic full OFF is not required, it shall be installed in accordance with Section 11.5.2.5.3.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	<i>See the Interior Lighting fixture schedule for values</i> Location on plans/spec: TBD
11.5.2.7.2 [FI67] ²	Q02: Efficient Kitchen Equipment energy credit measure requires buildings with a commercial kitchen with at least one gas or electric fryer and all other cooking appliances comply with Section 11.5.2.7.2.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: TBD
11.5.2.8.1 [FI69] ²	G01: Lighting Load Management energy credit measure requires luminaires have dimming capability and load management controls reduce general lighting power with continuous dimming in 75% of the project area during peakprice periods coincident with high building load.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Energy credit params: Percentage lighting load management (in %): 0.0
6.4.3.3.1 [FI21] ³	HVAC systems equipped with at least one automatic shutdown control.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Systems designed for continuous operation.
11.5.2.8.2 [FI70] ²	G02: HVAC Load Management energy credit measure requires load management shall a) increase cooling set point > 3F or reduce cooling capacity to 60% of installed capacity; b) for electric heating, reduce heating set point > 3F or reduce heating capacity to 60% of installed capacity; and c) provide excess outdoor air and reduce outdoor air in accordance with ASHRAE Standard 62.1, Section 6.2.5.2.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	

Section # & Req.ID	Final Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
6.4.3.3.2 [FI22] ³	Setback controls allow automatic restart and temporary operation as required for maintenance.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101
6.4.3.3.4 [FI23] ³	Zone isolation devices and controls.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101
6.4.3.5 [FI5] ³	Heat pump controls prevent supplemental electric resistance heat from coming on when not needed.			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101
6.4.3.12 [FI200] ³	Air economizer has a fault detection and diagnostics (FDD) system (see details for configuration and operational requirements).			☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: M001, M100, M101

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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