



COMcheck Software Version COMcheckWeb

Envelope Compliance Certificate

Project Information

Energy Code: 2020 Florida Building Code, Energy Conservation
Project Title: Towneplace Suites Hotel - Lake City
Location: Lake City, Florida
Climate Zone: 2a
Project Type: New Construction
Vertical Glazing / Wall Area: 16%

Construction Site:
NW Commerce Drive, Lake City FL
Lake City, Florida

Owner/Agent:
Nick Patel
Lake City Hotels Inc.

Designer/Contractor:
Adam J. Barney
JLC Engineering
1180 Harwood Avenue
Suite 3000
Altamonte Springs 32714
321.972.4466
adam.barney@jlceng.com

Additional Efficiency Package(s)

Credits: 1.0 Required 1.0 Proposed
Dedicated Outdoor Air System, 1.0 credit

Building Area

Floor Area

1-Hotel : Nonresidential

63221

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U- Factor ^(a)
Roof: Other Roof, [Bldg. Use 1 - Hotel] (b)	12463	---	---	0.080	0.027
Ground Floor: Slab-On-Grade:Unheated, [Bldg. Use 1 - Hotel] (d)	590	---	---	0.730	0.730
2nd Floor: Steel Joist, [Bldg. Use 1 - Hotel]	12463	0.0	13.0	0.063	0.033
3rd Floor: Steel Joist, [Bldg. Use 1 - Hotel]	12463	0.0	13.0	0.063	0.033
4th Floor: Steel Joist, [Bldg. Use 1 - Hotel]	12463	0.0	13.0	0.063	0.033
NORTH					
North Wall: Concrete Block:8", Partially Grouted, Cells Empty, Medium Density, Furring: Metal, [Bldg. Use 1 - Hotel]	3826	0.0	11.0	0.070	0.151
Windows: Vinyl/Fiberglass Frame:Fixed, Perf. Specs.: Product ID Product Label, SHGC 0.40, PF 0.50, [Bldg. Use 1 - Hotel] (c)	708	---	---	0.400	0.500
Doors: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID Product Label, SHGC 0.25, PF 0.40, [Bldg. Use 1 - Hotel] (c)	21	---	---	0.300	0.830
EAST					
East Wall: Concrete Block:8", Partially Grouted, Cells Empty, Medium Density, Furring: Metal, [Bldg. Use 1 - Hotel]	11375	0.0	11.0	0.070	0.151
Windows: Vinyl/Fiberglass Frame:Fixed, Perf. Specs.: Product ID Product Label, SHGC 0.40, PF 0.50, [Bldg. Use 1 - Hotel] (c)	1699	---	---	0.400	0.500
Doors: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID Product Label, SHGC 0.25, PF 0.40, [Bldg. Use 1 - Hotel] (c)	63	---	---	0.300	0.830

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U- Factor ^(a)
SOUTH					
South Wall: Concrete Block:8", Partially Grouted, Cells Empty, Medium Density, Furring: Metal, [Bldg. Use 1 - Hotel]	3826	0.0	11.0	0.070	0.151
Windows: Vinyl/Fiberglass Frame:Fixed, Perf. Specs.: Product ID Product Label, SHGC 0.40, PF 0.50, [Bldg. Use 1 - Hotel] (c)	708	---	---	0.400	0.500
Doors: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID Product Label, SHGC 0.25, PF 0.40, [Bldg. Use 1 - Hotel] (c)	21	---	---	0.300	0.830
WEST					
West Wall: Concrete Block:8", Partially Grouted, Cells Empty, Medium Density, Furring: Metal, [Bldg. Use 1 - Hotel]	11375	0.0	11.0	0.070	0.151
Windows: Vinyl/Fiberglass Frame:Fixed, Perf. Specs.: Product ID Product Label, SHGC 0.40, PF 0.50, [Bldg. Use 1 - Hotel] (c)	1460	---	---	0.400	0.500
Doors: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID Product Label, SHGC 0.25, PF 0.40, [Bldg. Use 1 - Hotel] (c)	84	---	---	0.300	0.830

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.

(b) 'Other' components require supporting documentation for proposed U-factors.

(c) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.

(d) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.

Envelope PASSES: Design 10% better than code

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2020 Florida Building Code, Energy Conservation requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Adam Barney, P.E.

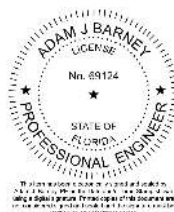
Name - Title

Signature



02/24/2022

Date



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Adam J Barney
Date: 2022.09.01
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Interior Lighting Compliance Certificate

Project Information

Energy Code: 2020 Florida Building Code, Energy Conservation
Project Title: Towneplace Suites Hotel - Lake City
Project Type: New Construction

Construction Site:
NW Commerce Drive, Lake City FL
Lake City, Florida

Owner/Agent:
Nick Patel
Lake City Hotels Inc.

Designer/Contractor:
Adam J. Barney
JLC Engineering
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Suite 3000
Altamonte Springs 32714
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adam.barney@jlceng.com

Additional Efficiency Package(s)

Credits: 1.0 Required 1.0 Proposed
Dedicated Outdoor Air System, 1.0 credit

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts
1-1st Floor (Hotel:Hotel Lobby)	13369	1.06	14171
2-2nd Floor (Common Space Types:Guest Room)	12463	0.77	9597
3-3rd Floor (Common Space Types:Guest Room)	12463	0.77	9597
4-4th Floor (Common Space Types:Guest Room)	12463	0.77	9597
5-5th Floor (Common Space Types:Guest Room)	12463	0.77	9597
Total Allowed Watts =			52557

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
<u>1-1st Floor (Hotel:Hotel Lobby)</u>				
Fixture A: LED Other Fixture Unit 25W:	1	21	52	1092
Fixture B: LED Other Fixture Unit 25W:	1	2	30	60
Fixture C: LED Other Fixture Unit 25W:	1	42	40	1680
Fixture D1: LED Other Fixture Unit 25W:	1	81	20	1620
Fixture D2: LED Other Fixture Unit 25W:	1	10	30	300
Fixture G: LED Other Fixture Unit 25W:	1	6	15	90
Fixture H: LED Other Fixture Unit 25W:	1	2	35	70
Fixture J: LED Other Fixture Unit 25W:	1	8	20	160
Fixture P1: LED Other Fixture Unit 25W:	1	1	100	100
Fixture P2: LED Other Fixture Unit 25W:	1	2	50	100
Fixture P3: LED Other Fixture Unit 25W:	1	1	50	50
Guestroom Fixtures: LED Other Fixture Unit 25W:	1	40	30	1200
<u>2-2nd Floor (Common Space Types:Guest Room)</u>				
Fixture C: LED Other Fixture Unit 25W:	1	2	40	80

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
Fixture D1: LED Other Fixture Unit 25W:	1	7	20	140
Fixture D2: LED Other Fixture Unit 25W:	1	16	30	480
Fixture J: LED Other Fixture Unit 25W:	1	8	20	160
Guestroom Fixtures: LED Other Fixture Unit 25W:	1	92	30	2760
3-3rd Floor (Common Space Types:Guest Room)				
Fixture C: LED Other Fixture Unit 25W:	1	2	40	80
Fixture D1: LED Other Fixture Unit 25W:	1	7	20	140
Fixture D2: LED Other Fixture Unit 25W:	1	16	30	480
Fixture J: LED Other Fixture Unit 25W:	1	8	20	160
Guestroom Fixtures: LED Other Fixture Unit 25W:	1	92	30	2760
4-4th Floor (Common Space Types:Guest Room)				
Fixture C: LED Other Fixture Unit 25W:	1	2	40	80
Fixture D1: LED Other Fixture Unit 25W:	1	7	20	140
Fixture D2: LED Other Fixture Unit 25W:	1	16	30	480
Fixture J: LED Other Fixture Unit 25W:	1	8	20	160
Guestroom Fixtures: LED Other Fixture Unit 25W:	1	92	30	2760
5-5th Floor (Common Space Types:Guest Room)				
Fixture C: LED Other Fixture Unit 25W:	1	2	40	80
Fixture D1: LED Other Fixture Unit 25W:	1	7	20	140
Fixture D2: LED Other Fixture Unit 25W:	1	16	30	480
Fixture J: LED Other Fixture Unit 25W:	1	8	20	160
Guestroom Fixtures: LED Other Fixture Unit 25W:	1	92	30	2760
Total Proposed Watts =				21002

Interior Lighting PASSES: Design 60% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2020 Florida Building Code, Energy Conservation requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Blake Suddeth, P.E.
Name - Title

Signature

02/24/2022
Date



Exterior Lighting Compliance Certificate

Project Information

Energy Code: 2020 Florida Building Code, Energy Conservation
Project Title: Towneplace Suites Hotel - Lake City
Project Type: New Construction
Exterior Lighting Zone: 1 (Developed rural area (LZ1))

Construction Site:
NW Commerce Drive, Lake City FL
Lake City, Florida

Owner/Agent:
Nick Patel
Lake City Hotels Inc.

Designer/Contractor:
Adam J. Barney
JLC Engineering
1180 Harwood Avenue
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Altamonte Springs 32714
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Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts /	D Tradable Wattage	E Allowed Watts (B X C)
Pedestrian and vehicular entrances and exits	1 ft of door	14	Yes	14
Total Tradable Watts (a) =				14
Total Allowed Watts =				14
Total Allowed Supplemental Watts (b) =				350

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.

(b) A supplemental allowance equal to 350 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Proposed Exterior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
<u>Pedestrian and vehicular entrances and exits (1 ft of door width): Tradable Wattage</u>				
Fixture W1: Other:	1	11	30	330
Total Tradable Proposed Watts =				330

Exterior Lighting PASSES: Design 9% better than code

Exterior Lighting Compliance Statement

Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2020 Florida Building Code, Energy Conservation requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Blake Suddeth, P.E.
Name - Title


Signature

02/24/2022
Date



Mechanical Compliance Certificate

Project Information

Energy Code: 2020 Florida Building Code, Energy Conservation
Project Title: Towneplace Suites Hotel - Lake City
Location: Lake City, Florida
Climate Zone: 2a
Project Type: New Construction

Construction Site:
NW Commerce Drive, Lake City FL
Lake City, Florida

Owner/Agent:
Nick Patel
Lake City Hotels Inc.

Designer/Contractor:
Adam J. Barney
JLC Engineering
1180 Harwood Avenue
Suite 3000
Altamonte Springs 32714
321.972.4466
adam.barney@jlceng.com

Additional Efficiency Package(s)

Credits: 1.0 Required 1.0 Proposed
Dedicated Outdoor Air System, 1.0 credit

Mechanical Systems List

Quantity System Type & Description

- 102 PTACs (Single Zone):
Heating: 102 each - Unit Heater, Electric, Capacity = 10580 kBtu/h
No minimum efficiency requirement applies
Cooling: 102 each - Room AC Heat Pump With Louvered Sides, Capacity = 9600 kBtu/h, Air-Cooled Condenser, No Economizer, Economizer exception: None
Proposed Efficiency = 14.00 CEER, Required Efficiency: 9.30 CEER
Fan System: None
- 1 AHU-1.1 (Single Zone):
Heating: 1 each - Unit Heater, Electric, Capacity = 20478 kBtu/h
No minimum efficiency requirement applies
Cooling: 1 each - Split System, Capacity = 47500 kBtu/h, Air-Cooled Condenser, Air Economizer
Proposed Efficiency = 11.20 EER, Required Efficiency: 9.70 EER + 11.2 IEER
Fan System: None
- 1 AHU-1.2 (Single Zone):
Heating: 1 each - Unit Heater, Electric, Capacity = 25598 kBtu/h
No minimum efficiency requirement applies
Cooling: 1 each - Split System, Capacity = 56750 kBtu/h, Air-Cooled Condenser, Air Economizer
Proposed Efficiency = 11.20 EER, Required Efficiency: 9.70 EER + 11.2 IEER
Fan System: None
- 1 AHU-1.3 (Single Zone):
Heating: 1 each - Unit Heater, Electric, Capacity = 12969 kBtu/h
No minimum efficiency requirement applies
Cooling: 1 each - Split System, Capacity = 28800 kBtu/h, Air-Cooled Condenser, Air Economizer
Proposed Efficiency = 11.20 EER, Required Efficiency: 9.70 EER + 11.2 IEER
Fan System: None
- 1 AHU-1.4 (Single Zone):
Heating: 1 each - Unit Heater, Electric, Capacity = 20478 kBtu/h
No minimum efficiency requirement applies
Cooling: 1 each - Split System, Capacity = 42000 kBtu/h, Air-Cooled Condenser, Air Economizer
Proposed Efficiency = 11.20 EER, Required Efficiency: 9.70 EER + 11.2 IEER
Fan System: None

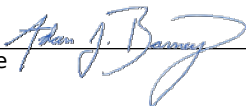
Quantity System Type & Description

- 1 AHU-1.5 (Single Zone):
Heating: 1 each - Unit Heater, Electric, Capacity = 25598 kBtu/h
No minimum efficiency requirement applies
Cooling: 1 each - Split System, Capacity = 56750 kBtu/h, Air-Cooled Condenser, Air Economizer
Proposed Efficiency = 11.20 EER, Required Efficiency: 9.70 EER + 11.2 IEER
Fan System: None
- 1 OAU-1 (Single Zone):
Heating: 1 each - Other, Gas, Capacity = 240000 kBtu/h
No minimum efficiency requirement applies
Cooling: 1 each - Other, Capacity = 334047 kBtu/h, Air-Cooled Condenser, Air Economizer
No minimum efficiency requirement applies
Fan System: None
- 1 OAU-2 (Single Zone):
Heating: 1 each - Other, Gas, Capacity = 240000 kBtu/h
No minimum efficiency requirement applies
Cooling: 1 each - Other, Capacity = 175365 kBtu/h, Air-Cooled Condenser, Air Economizer
No minimum efficiency requirement applies
Fan System: None
- 1 MAU-1.1 (Single Zone):
Cooling: 1 each - Room AC With Louvered Sides, Capacity = 18000 kBtu/h, Air-Cooled Condenser, Air Economizer
Proposed Efficiency = 15.30 CEER, Required Efficiency: 9.00 CEER
Fan System: None
- 1 MAU-1.2 (Single Zone):
Cooling: 1 each - Room AC With Louvered Sides, Capacity = 18000 kBtu/h, Air-Cooled Condenser, Air Economizer
Proposed Efficiency = 15.30 CEER, Required Efficiency: 9.00 CEER
Fan System: None
- 1 MAU-1.3 (Single Zone):
Cooling: 1 each - Room AC With Louvered Sides, Capacity = 34200 kBtu/h, Air-Cooled Condenser, Air Economizer
Proposed Efficiency = 15.30 CEER, Required Efficiency: 9.00 CEER
Fan System: None
- 1 MAU-3.1 (Single Zone):
Cooling: 1 each - Room AC With Louvered Sides, Capacity = 18000 kBtu/h, Air-Cooled Condenser, Air Economizer
Proposed Efficiency = 15.30 CEER, Required Efficiency: 9.00 CEER
Fan System: None
- 1 Gas Water Heaters:
Gas Storage Water Heater, Capacity: 100 gallons, Input Rating: 75 kBtu/h w/ Circulation Pump
Proposed Efficiency: 0.92 UEF, Required Efficiency: 0.78 UEF

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 2020 Florida Building Code, Energy Conservation requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Adam Barney, P.E.
Name - Title

Signature 

02/24/2022
Date



Inspection Checklist

Energy Code: 2020 Florida Building Code, Energy Conservation

Requirements: 0.0% 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.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR1] ¹	Plans and/or specifications provide all information with which compliance can be determined for the building envelope and document where exceptions to the standard are claimed.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C103.2 [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 ☐ Not Observable ☐ Not Applicable	
C103.2 [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 ☐ Not Observable ☐ Not Applicable	
C103.2 [PR4] ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C103.2 [PR8] ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the exterior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include exterior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C402.4.1 [PR10] ¹	The vertical fenestration area $\leq$ 30 percent of the gross above-grade wall area.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	

1 High Impact (Tier 1)	2 Medium Impact (Tier 2)	3 Low Impact (Tier 3)
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Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C402.4.1 [PR11] ¹	The skylight area <= 3 percent of the gross roof area.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C402.4.2 [PR14] ¹	In enclosed spaces > 2,500 ft ² directly under a roof with ceiling heights >15 ft. and used as an office, lobby, atrium, concourse, corridor, storage, gymnasium/exercise center, convention center, automotive service, manufacturing, non-refrigerated warehouse, retail store, distribution/sorting area, transportation, or workshop, the following requirements apply: (a) the daylight zone under skylights is >= half the floor area; (b) the skylight area to daylight zone is >= 3 percent with a skylight VT >= 0.40; or a minimum skylight effective aperture >= 1 percent or <= 0.66 using Tubular Daylighting Device's VT rating.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Section # & Req.ID	Footing / Foundation Inspection	Complies?	Comments/Assumptions
C303.2 [FO4] ²	Slab edge insulation installed per manufacturer's instructions.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C303.2.1 [FO6] ¹	Exterior insulation protected against damage, sunlight, moisture, wind, landscaping and equipment maintenance activities.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C104 [FO3] ²	Installed slab-on-grade insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Envelope Assemblies table for values.
C402.2.5 [FO7] ²	Slab edge insulation depth/length. Slab insulation extending away from building is covered by pavement or ≥ 10 inches of soil.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Envelope Assemblies table for values.
C403.2.4.5 [FO9] ³	Snow/ice melting system and freeze protection systems have sensors and controls configured to limit service for pavement temperature and outdoor temperature. future connection to controls.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Section # & Req.ID	Framing / Rough-In Inspection	Complies?	Comments/Assumptions
C303.1.3 [FR12] ²	Fenestration products rated in accordance with NFRC.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C303.1.3 [FR13] ¹	Fenestration products are certified as to performance labels or certificates provided.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C402.4.3 [FR10] ¹	Vertical fenestration SHGC value.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Envelope Assemblies table for values.
C402.4.3, C402.4.3.4 [FR8] ¹	Installed vertical fenestration U-factor and SHGC consistent with label specifications and as reported in plans and COMcheck reports.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Envelope Assemblies table for values.
C402.5.1 [FR16] ¹	The building envelope contains a continuous air barrier that is sealed in an approved manner and either constructed or tested in an approved manner. Air barrier penetrations are sealed in an approved manner.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Section # & Req.ID	Plumbing Rough-In Inspection	Complies?	Comments/Assumptions
C404.6.1, C404.6.2 [PL3] ¹	Automatic time switches installed to automatically switch off the recirculating hot-water system or heat trace.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C404.6.3 [PL7] ³	Pumps that circulate water between a heater and storage tank have controls that limit operation from startup to <= 5 minutes after end of heating cycle.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C404.7 [PL8] ³	Demand recirculation water systems have controls that start the pump upon receiving a signal from the action of a user of a fixture or appliance and limits the temperature of the water entering the cold-water piping to 104°F.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C402.2.6 [ME41] ³	Thermally ineffective panel surfaces of sensible heating panels have insulation $\geq R-3.5$.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C402.5.5, C403.2.4.3 [ME3] ³	Stair and elevator shaft vents have motorized dampers that automatically close. Refernece section C403.2.4.3 for operational details.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.10 [ME61] ²	HVAC piping insulation insulated in accordance with Table C403.2.10. Insulation exposed to weather is protected from damage and is provided with shielding from solar radiation.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.10 [ME61] ²	HVAC piping insulation insulated in accordance with Table C403.2.10. Insulation exposed to weather is protected from damage and is provided with shielding from solar radiation.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.10 [ME61] ²	HVAC piping insulation insulated in accordance with Table C403.2.10. Insulation exposed to weather is protected from damage and is provided with shielding from solar radiation.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.10 [ME61] ²	HVAC piping insulation insulated in accordance with Table C403.2.10. Insulation exposed to weather is protected from damage and is provided with shielding from solar radiation.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.10 [ME61] ²	HVAC piping insulation insulated in accordance with Table C403.2.10. Insulation exposed to weather is protected from damage and is provided with shielding from solar radiation.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.10 [ME61] ²	HVAC piping insulation insulated in accordance with Table C403.2.10. Insulation exposed to weather is protected from damage and is provided with shielding from solar radiation.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.12.1 [ME65] ³	HVAC fan systems at design conditions do not exceed allowable fan system motor nameplate hp or fan system bhp.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Mechanical Systems list for values.
C403.2.12.1 [ME65] ³	HVAC fan systems at design conditions do not exceed allowable fan system motor nameplate hp or fan system bhp.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Mechanical Systems list for values.
C403.2.12.1 [ME65] ³	HVAC fan systems at design conditions do not exceed allowable fan system motor nameplate hp or fan system bhp.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Mechanical Systems list for values.

Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C403.2.12 .1 [ME65] ³	HVAC fan systems at design conditions do not exceed allowable fan system motor nameplate hp or fan system bhp.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Mechanical Systems list for values.
C403.2.12 .1 [ME65] ³	HVAC fan systems at design conditions do not exceed allowable fan system motor nameplate hp or fan system bhp.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Mechanical Systems list for values.
C403.2.12 .1 [ME65] ³	HVAC fan systems at design conditions do not exceed allowable fan system motor nameplate hp or fan system bhp.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Mechanical Systems list for values.
C403.2.12 .1 [ME65] ³	HVAC fan systems at design conditions do not exceed allowable fan system motor nameplate hp or fan system bhp.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Mechanical Systems list for values.
C403.2.12 .1 [ME65] ³	HVAC fan systems at design conditions do not exceed allowable fan system motor nameplate hp or fan system bhp.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Mechanical Systems list for values.
C403.2.12 .1 [ME65] ³	HVAC fan systems at design conditions do not exceed allowable fan system motor nameplate hp or fan system bhp.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Mechanical Systems list for values.
C403.2.12 .1 [ME65] ³	HVAC fan systems at design conditions do not exceed allowable fan system motor nameplate hp or fan system bhp.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Mechanical Systems list for values.
C403.2.12 .1 [ME65] ³	HVAC fan systems at design conditions do not exceed allowable fan system motor nameplate hp or fan system bhp.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Mechanical Systems list for values.
C403.2.12 .1 [ME65] ³	HVAC fan systems at design conditions do not exceed allowable fan system motor nameplate hp or fan system bhp.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Mechanical Systems list for values.
C403.2.12 .3 [ME117] ²	Fans have energy index (FEI) >= 1.00 in accordance with AMCA 208. Fans for VAV systems shall have an FEI >= 0.95.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.12 .3 [ME117] ²	Fans have energy index (FEI) >= 1.00 in accordance with AMCA 208. Fans for VAV systems shall have an FEI >= 0.95.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.12 .3 [ME117] ²	Fans have energy index (FEI) >= 1.00 in accordance with AMCA 208. Fans for VAV systems shall have an FEI >= 0.95.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.12 .3 [ME117] ²	Fans have energy index (FEI) >= 1.00 in accordance with AMCA 208. Fans for VAV systems shall have an FEI >= 0.95.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	

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

Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C403.2.12.3 [ME117] ²	Fans have energy index (FEI) ≥ 1.00 in accordance with AMCA 208. Fans for VAV systems shall have an FEI ≥ 0.95 .	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.12.3 [ME117] ²	Fans have energy index (FEI) ≥ 1.00 in accordance with AMCA 208. Fans for VAV systems shall have an FEI ≥ 0.95 .	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.12.3 [ME117] ²	Fans have energy index (FEI) ≥ 1.00 in accordance with AMCA 208. Fans for VAV systems shall have an FEI ≥ 0.95 .	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.12.3 [ME117] ²	Fans have energy index (FEI) ≥ 1.00 in accordance with AMCA 208. Fans for VAV systems shall have an FEI ≥ 0.95 .	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.12.3 [ME117] ²	Fans have energy index (FEI) ≥ 1.00 in accordance with AMCA 208. Fans for VAV systems shall have an FEI ≥ 0.95 .	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.12.3 [ME117] ²	Fans have energy index (FEI) ≥ 1.00 in accordance with AMCA 208. Fans for VAV systems shall have an FEI ≥ 0.95 .	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.12.3 [ME117] ²	Fans have energy index (FEI) ≥ 1.00 in accordance with AMCA 208. Fans for VAV systems shall have an FEI ≥ 0.95 .	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.12.3 [ME117] ²	Fans have energy index (FEI) ≥ 1.00 in accordance with AMCA 208. Fans for VAV systems shall have an FEI ≥ 0.95 .	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.3 [ME55] ²	HVAC equipment efficiency verified.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Mechanical Systems list for values.
C403.2.6 [ME59] ¹	Natural or mechanical ventilation is provided in accordance with Florida Building Code Chapter 4. Mechanical ventilation has capability to reduce outdoor air supply to minimum per Florida Building Code Chapter 4.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.6.1 [ME59] ¹	Demand control ventilation provided for spaces >500 ft ² and >25 people/1000 ft ² occupant density and served by systems with air side economizer, auto modulating outside air damper control, or design airflow $>3,000$ cfm.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.6.2 [ME115] ³	Enclosed parking garage ventilation has automatic contaminant detection and capacity to stage or modulate fans to 50% or less of design capacity.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	

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

Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C403.2.4.8 [ME141] ³	HVAC systems serving guestrooms in Group R-1 buildings with > 50 guestrooms: Each guestroom is provided with controls that automatically manage temperature setpoint and ventilation (see sections C403.2.4.8.1 and C403.2.4.8.2).	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.7 [ME57] ¹	Exhaust air energy recovery on systems meeting Table C403.2.7(1) and C403.2.7(2).	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.8 [ME116] ³	Kitchen exhaust systems comply with replacement air and conditioned supply air limitations, and satisfy hood rating requirements and maximum exhaust rate criteria.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.9.1, C403.2.9.2 [ME60] ²	HVAC ducts and plenums insulated in accordance with C403.2.9.1 and constructed in accordance with C403.2.9.2, verification may need to occur during Foundation Inspection.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.4.6 [ME35] ¹	Hot gas bypass limited to: ≤240 kBtu/h - 50% >240 kBtu/h - 25%	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.4.6 [ME35] ¹	Hot gas bypass limited to: ≤240 kBtu/h - 50% >240 kBtu/h - 25%	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.4.6 [ME35] ¹	Hot gas bypass limited to: ≤240 kBtu/h - 50% >240 kBtu/h - 25%	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.4.6 [ME35] ¹	Hot gas bypass limited to: ≤240 kBtu/h - 50% >240 kBtu/h - 25%	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.4.6 [ME35] ¹	Hot gas bypass limited to: ≤240 kBtu/h - 50% >240 kBtu/h - 25%	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C404.2.1 [ME111] ²	Gas-fired water-heating equipment installed in new buildings: where a singular piece of water-heating equipment ≥ 1,000 kBtu/h serves the entire building, thermal efficiency ≥ 90 Et. Where multiple pieces of water-heating equipment serve the building with combined rating ≥ 1,000 kBtu/h, the combined input-capacity-weighted-average thermal efficiency ≥ 90 Et. Exclude input rating of equipment in individual dwelling units and equipment ≤ 100 kBtu/h.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	

Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C408.2.2.1 [ME53] ³	Air outlets and zone terminal devices have means for air balancing.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.5, C403.5.1, C403.5.2 [ME123] ³	Refrigerated display cases, walk-in coolers or walk-in freezers served by remote compressors and remote condensers not located in a condensing unit, have fan-powered condensers that comply with Sections C403.5.1 and refrigeration compressor systems that comply with C403.5.2..	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.2.2 [EL22] ¹	Spaces required to have light-reduction controls have a manual control that allows the occupant to reduce the connected lighting load in a reasonably uniform illumination pattern ≥ 50 percent.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C405.2.1, C405.2.1.1 [EL18] ¹	Occupancy sensors installed in classrooms/lecture/training rooms, conference/meeting/multipurpose rooms, copy/print rooms, lounges/breakrooms, enclosed offices, open plan office areas, restrooms, storage rooms, locker rooms, warehouse storage areas, and other spaces ≤ 300 sqft that are enclosed by floor-to-ceiling height partitions. Reference section language C405.2.1.2 for control function in warehouses and section C405.2.1.3 for open plan office spaces.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C405.2.1.2 [EL19] ¹	Occupancy sensors control function in warehouses: In warehouses, the lighting in aisleways and open areas is controlled with occupant sensors that automatically reduce lighting power by 50% or more when the areas are unoccupied. The occupant sensors control lighting in each aisleway independently and do not control lighting beyond the aisleway being controlled by the sensor.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C405.2.1.3 [EL20] ¹	Occupant sensor control function in open plan office areas: Occupant sensor controls in open office spaces ≥ 300 sq.ft. have controls 1) configured so that general lighting can be controlled separately in control zones with floor areas ≤ 600 sq.ft. within the space, 2) automatically turn off general lighting in all control zones within 20 minutes after all occupants have left the space, 3) are configured so that general lighting power in each control zone is reduced by $\geq 80\%$ of the full zone general lighting power within 20 minutes of all occupants leaving that control zone, and 4) are configured such that any daylight responsive control will activate space general lighting or control zone general lighting only when occupancy for the same area is detected.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C405.2.2, C405.2.2.1, C405.2.2.2 [EL21] ²	Each area not served by occupancy sensors (per C405.2.1) have time-switch controls and functions detailed in sections C405.2.2.1 and C405.2.2.2.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.3, C405.2.3.1, C405.2.3.2 [EL23] ²	Daylight zones provided with individual controls that control the lights independent of general area lighting. See code section C405.2.3 Daylight-responsive controls for applicable spaces, C405.2.3.1 Daylight responsive control function and section C405.2.3.2 Sidelit zone.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C405.2.4 [EL26] ¹	Separate lighting control devices for specific uses installed per approved lighting plans. 1. Display and accent lighting, lighting in display cases, supplemental task lighting and lighting equipment for sale shall have occupancy sensor control. 2) Sleeping units shall have auto off controls.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C405.2.5 [EL28] ³	Manual lighting controls are in a location with ready access and where controlled lights are visible.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C405.2.6 [EL30] ³	Exterior lighting systems provided with controls complying with C405.2.6.1 through C405.2.6.4 for daylight shutoff and decorative lighting shutoff.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Section # & Req.ID	Insulation Inspection	Complies?	Comments/Assumptions
C402.2.1.1 [IN20] ¹	Insulation installed on a suspended ceiling having ceiling tiles is not being specified for roof/ceiling assemblies. Continuous insulation board installed in 2 or more layers with edge joints offset between layers.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C303.2 [IN10] ²	Building envelope insulation is labeled with R-value or insulation certificate providing R-value and other relevant data.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C303.2 [IN7] ¹	Above-grade wall insulation installed per manufacturer's instructions.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C303.2, C402.2.4 [IN9] ²	Floor insulation installed per manufacturer's instructions. Cavity or structural slab insulation installed in permanent contact with underside of decking or structural slabs.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C303.2.1 [IN14] ²	Exterior insulation is protected from damage with a protective material. Verification for exposed foundation insulation may need to occur during Foundation Inspection.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C104 [IN6] ¹	Installed above-grade wall insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Envelope Assemblies table for values.
C402.2.4 [IN8] ²	Installed floor insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Envelope Assemblies table for values.
C402.2.6 [IN18] ³	Radiant panels and associated components, designed for heat transfer from the panel surfaces to the occupants or indoor space are insulated with a minimum of R-3.5.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C402.3 [IN5] ³	High-albedo roofs satisfy one of the following: 3-year-aged solar reflectance ≥ 0.55 and thermal emittance ≥ 0.75 or 3-year-aged solar reflectance index ≥ 64.0 .	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C104 [IN2] ¹	Installed roof insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports. For some ceiling systems, verification may need to occur during Framing Inspection.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Envelope Assemblies table for values.
C402.5.1.1 [IN1] ¹	All sources of air leakage in the building thermal envelope are sealed, caulked, gasketed, weather stripped or wrapped with moisture vapor-permeable wrapping material to minimize air leakage.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C408.2.5.2 [FI17] ³	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C402.5.6 [FI37] ¹	Weatherseals installed on all loading dock cargo door openings and provide direct contact along the top and sides of vehicles parked in the doorway.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C402.5.8 [FI26] ³	Recessed luminaires in thermal envelope to limit infiltration and be IC rated and labeled. Seal between interior finish and luminaire housing.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.1 [FI50] ³	HVAC systems and equipment design loads calculated in accordance with ANSI/ASHRAE/ACCA Standard 183 or by an approved equivalent computational procedure	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.2 [FI27] ³	HVAC systems and equipment capacity does not exceed calculated loads.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.4.1 [FI47] ³	Heating and cooling to each zone is controlled by a thermostat control. Minimum one humidity control device per installed humidification/dehumidification system.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.4.1 [FI47] ³	Heating and cooling to each zone is controlled by a thermostat control. Minimum one humidity control device per installed humidification/dehumidification system.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.4.1 [FI47] ³	Heating and cooling to each zone is controlled by a thermostat control. Minimum one humidity control device per installed humidification/dehumidification system.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.4.1 [FI47] ³	Heating and cooling to each zone is controlled by a thermostat control. Minimum one humidity control device per installed humidification/dehumidification system.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.4.1 [FI47] ³	Heating and cooling to each zone is controlled by a thermostat control. Minimum one humidity control device per installed humidification/dehumidification system.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.4.1 [FI47] ³	Heating and cooling to each zone is controlled by a thermostat control. Minimum one humidity control device per installed humidification/dehumidification system.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	

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

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C403.2.4.1 [FI47] ³	Heating and cooling to each zone is controlled by a thermostat control. Minimum one humidity control device per installed humidification/dehumidification system.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.4.1 [FI47] ³	Heating and cooling to each zone is controlled by a thermostat control. Minimum one humidity control device per installed humidification/dehumidification system.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.4.1 [FI47] ³	Heating and cooling to each zone is controlled by a thermostat control. Minimum one humidity control device per installed humidification/dehumidification system.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.4.1 [FI47] ³	Heating and cooling to each zone is controlled by a thermostat control. Minimum one humidity control device per installed humidification/dehumidification system.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.4.1 [FI47] ³	Heating and cooling to each zone is controlled by a thermostat control. Minimum one humidity control device per installed humidification/dehumidification system.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.4.1.2 [FI38] ³	Thermostatic controls have a 5 °F deadband.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.4.1.3 [FI20] ³	Temperature controls have setpoint overlap restrictions.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.4.2 [FI39] ³	Each zone equipped with setback controls using automatic time clock or programmable control system.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.4.2.1, C403.2.4.2.2 [FI40] ³	Automatic Controls: Setback to 55°F (heat) and 85°F (cool); 7-day clock, 2-hour occupant override, 10-hour backup	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C404.3 [FI11] ³	Heat traps installed on supply and discharge piping of non-circulating systems.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C404.4 [FI25] ²	All recirculation piping, first 8 feet of outlet or branch piping, inlet piping and piping that is externally heated shall be insulated in accordance with section details and Table C403.2.10	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C404.6.1 [FI12] ³	Controls are installed that limit the operation of a recirculation pump installed to maintain temperature of a storage tank. System return pipe is a dedicated return pipe or a cold water supply pipe.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C405.3.2 [FI18] ¹	Interior installed lamp and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Interior Lighting fixture schedule for values.
C405.4.2 [FI19] ¹	Exterior lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Exterior Lighting fixture schedule for values.
C408.2.1 [FI28] ¹	Commissioning plan developed by registered design professional or approved agency.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C408.2.3.1 [FI31] ¹	HVAC equipment has been tested to ensure proper operation.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C408.2.3.2 [FI10] ¹	HVAC control systems have been tested to ensure proper operation, calibration and adjustment of controls.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C408.2.4 [FI29] ¹	Preliminary commissioning report completed and certified by registered design professional or approved agency.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C408.2.5.1 [FI7] ³	Furnished HVAC as-built drawings submitted within 90 days of system acceptance.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C408.2.5.3 [FI43] ¹	An air and/or hydronic system balancing report is provided for HVAC systems.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C408.2.5.4 [FI30] ¹	Final commissioning report due to building owner within 90 days of receipt of certificate of occupancy.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C408.3 [FI33] ¹	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	

Additional Comments/Assumptions:

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