



COMcheck Software Version COMcheckWeb Envelope Compliance Certificate

Project Information

Energy Code: 2015 IECC
 Project Title: 32-0312 Lillington, NC - 4584-WW BB20
 Location: Lillington, North Carolina
 Climate Zone: 4a
 Project Type: New Construction
 Vertical Glazing / Wall Area: 13%

Construction Site:
 102 W Cornelius Harnett Blvd
 Lillington, North Carolina 27546

Owner/Agent:
 McDonald's USA LLC
 110 N Carpenter Street
 Chicago, Illinois 60607-2101

Designer/Contractor:
 AECOM
 300 Broadacress Drive, Suite 250
 Bloomfield, New Jersey 07003
 973-883-8669
 aaron.c.smith@aecom.com

Additional Efficiency Package(s)

Credits: 1.0 Required 1.0 Proposed
 Reduced Lighting Power, 1.0 credit

| Building Area | Floor Area |
|---|------------|
| 1-McDonald's Restaurant (Dining: Cafeteria/Fast Food) : Nonresidential | 3820 |

Envelope Assemblies

| Assembly | Gross Area or Perimeter | Cavity R-Value | Cont. R-Value | Proposed U-Factor | Budget U- Factor ^(a) |
|---|-------------------------------|-------------------|------------------|----------------------|------------------------------------|
| Main Roof: Insulation Entirely Above Deck, [Bldg. Use 1 - McDonald's Restaurant] | 3540 | --- | 30.0 | 0.032 | 0.032 |
| Floor: Unheated Slab-On-Grade, Horizontal with vertical 4 ft., [Bldg. Use 1 - McDonald's Restaurant] (c) | 255 | --- | 15.0 | 0.630 | 0.540 |
| NORTH | | | | | |
| Ext. Wall - Rear: Wood-Framed, 16in. o.c., [Bldg. Use 1 - McDonald's Restaurant] | 664 | 21.0 | 3.8 | 0.048 | 0.064 |
| Crew Window: Metal Frame with Thermal Break: Fixed, Perf. Specs.: Product ID solar ultra-clear low-E Clear Insulating Glass, SHGC 0.33, [Bldg. Use 1 - McDonald's Restaurant] (b) | 11 | --- | --- | 0.400 | 0.380 |
| Rear Door: Insulated Metal, Swinging, [Bldg. Use 1 - McDonald's Restaurant] | 24 | --- | --- | 0.380 | 0.610 |
| EAST | | | | | |
| Ext. Wall - Non DT: Wood-Framed, 16in. o.c., [Bldg. Use 1 - McDonald's Restaurant] | 1227 | 21.0 | 3.8 | 0.048 | 0.064 |
| Side Entry Door: Glass (over 50% glazing): Metal Frame, Entrance Door, Perf. Specs.: Product ID solar ultra-clear low-E Clear Insulating Glass, SHGC 0.33, PF 0.32, [Bldg. Use 1 - McDonald's Restaurant] (b) | 22 | --- | --- | 0.770 | 0.770 |
| Sidelight Window & Transom: Metal Frame with Thermal Break: Fixed, Perf. Specs.: Product ID solar ultra-clear low-E Clear Insulating Glass, SHGC 0.33, PF 0.40, [Bldg. Use 1 - McDonald's Restaurant] (b) | 58 | --- | --- | 0.400 | 0.380 |
| Window: Metal Frame with Thermal Break: Fixed, Perf. Specs.: | 127 | --- | --- | 0.400 | 0.380 |

| Assembly | Gross Area or Perimeter | Cavity R-Value | Cont. R-Value | Proposed U-Factor | Budget U- Factor ^(a) |
|---|-------------------------------|-------------------|------------------|----------------------|------------------------------------|
| Product ID solar ultra-clear low-E Clear Insulating Glass, SHGC 0.33, PF 0.40, [Bldg. Use 1 - McDonald's Restaurant] (b) | | | | | |
| SOUTH | | | | | |
| Ext. Wall - Front: Wood-Framed, 16in. o.c., [Bldg. Use 1 - McDonald's Restaurant] | 662 | 21.0 | 3.8 | 0.048 | 0.064 |
| Entry Door: Glass (over 50% glazing): Metal Frame, Entrance Door, Perf. Specs.: Product ID solar ultra-clear low-E Clear Insulating Glass, SHGC 0.33, PF 0.32, [Bldg. Use 1 - McDonald's Restaurant] (b) | 22 | --- | --- | 0.770 | 0.770 |
| Sidelight Window & Transom: Metal Frame with Thermal Break: Fixed, Perf. Specs.: Product ID solar ultra-clear low-E Clear Insulating Glass, SHGC 0.33, PF 0.40, [Bldg. Use 1 - McDonald's Restaurant] (b) | 58 | --- | --- | 0.400 | 0.380 |
| Storefront: Metal Frame with Thermal Break: Fixed, Perf. Specs.: Product ID solar ultra-clear low-E Clear Insulating Glass, SHGC 0.33, PF 0.40, [Bldg. Use 1 - McDonald's Restaurant] (b) | 127 | --- | --- | 0.400 | 0.380 |
| WEST | | | | | |
| Ext. Wall - Drive Thru: Wood-Framed, 16in. o.c., [Bldg. Use 1 - McDonald's Restaurant] | 1227 | 21.0 | 3.8 | 0.048 | 0.064 |
| DT Window: Metal Frame with Thermal Break: Operable, Perf. Specs.: Product ID solar ultra-clear low-E Clear Insulating Glass, SHGC 0.33, PF 0.55, [Bldg. Use 1 - McDonald's Restaurant] (b) | 60 | --- | --- | 0.450 | 0.450 |

- (a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
- (b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.
- (c) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.

Envelope PASSES: Design 4% 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 2015 IECC requirements in COMcheck Version 6.0.9.0 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Abigail Benjamin, RA
Name - Title

Signature



9/6/2024
Date



Interior Lighting Compliance Certificate

Project Information

Energy Code: 2015 IECC
 Project Title: 32-0312 Lillington, NC - 4584-WW BB20
 Project Type: New Construction

Construction Site:
 102 W Cornelius Harnett Blvd
 Lillington, North Carolina 27546

Owner/Agent:
 McDonald's USA LLC
 110 N Carpenter Street
 Chicago, Illinois 60607-2101

Designer/Contractor:
 AECOM
 300 Broadacress Drive, Suite 250
 Bloomfield, New Jersey 07003
 973-883-8669
 aaron.c.smith@aecom.com

Additional Efficiency Package(s)

Credits: 1.0 Required 1.0 Proposed
 Reduced Lighting Power, 1.0 credit

Allowed Interior Lighting Power

| A Area Category | B Floor Area (ft2) | C Allowed Watts / ft2 | D Allowed Watts |
|---|--------------------------|-----------------------------|--------------------|
| 1-McDonald's Restaurant (Dining: Cafeteria/Fast Food) | 3820 | 0.81 | 3094 |
| Total Allowed Watts = | | | 3094 |

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-McDonald's Restaurant (Dining: Cafeteria/Fast Food)</u> | | | | |
| LED 1: F2: 2'x4' Grid Troffer: LED Panel 44W: | 1 | 30 | 44 | 1320 |
| LED 2: L2R: 4" LED Down Light: LED PAR 16W: | 1 | 41 | 16 | 656 |
| LED 3: L4: 3" LED Down Light: LED A Lamp 7W: | 1 | 15 | 7 | 105 |
| LED 4: C: Cove Light: Other: | 1 | 1 | 54 | 54 |
| LED 5: D: Orbit Pendant: Other: | 1 | 2 | 19 | 38 |
| LED 6: A1: Fries Wall Light: Other: | 1 | 4 | 10 | 40 |
| Total Proposed Watts = | | | | 2213 |

Interior Lighting PASSES: Design 28% 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 2015 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

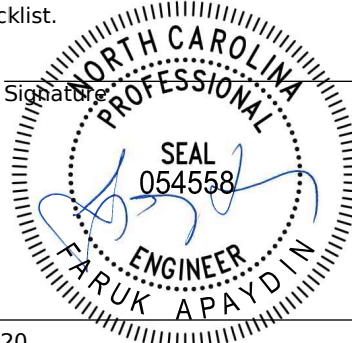
Faruk Apaydin, PE

Name - Title

Signature

9/6/2024

Date





Exterior Lighting Compliance Certificate

Project Information

Energy Code: 2015 IECC
 Project Title: 32-0312 Lillington, NC - 4584-WW BB20
 Project Type: New Construction
 Exterior Lighting Zone: 2 (Residential mixed use area (LZ2))

Construction Site:
 102 W Cornelius Harnett Blvd
 Lillington, North Carolina 27546

Owner/Agent:
 McDonald's USA LLC
 110 N Carpenter Street
 Chicago, Illinois 60607-2101

Designer/Contractor:
 AECOM
 300 Broadacress Drive, Suite 250
 Bloomfield, New Jersey 07003
 973-883-8669
 aaron.c.smith@aecom.com

Allowed Exterior Lighting Power

| A Area/Surface Category | B Quantity | C Allowed Watts / | D Tradable Wattage | E Allowed Watts (B X C) |
|--|---------------|-------------------------|--------------------------|-------------------------------|
| Main & Employee Entrances (Main entry) | 15 ft of | 20 | Yes | 300 |
| Drive-Thru (Drive-up windows/doors) | 3 windows | 400 | No | 1200 |
| Soffit Lighting (Illuminated area of facade wall or surface) | 216 ft2 | 0.1 | No | 22 |
| Total Tradable Watts (a) = | | | | 300 |
| Total Allowed Watts = | | | | 1522 |
| Total Allowed Supplemental Watts (b) = | | | | 600 |

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

(b) A supplemental allowance equal to 600 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>Main & Employee Entrances (Main entry, 15 ft of door width): Tradable Wattage</u> | | | | |
| LED 1: F12G: 6" LED Downlight: LED PAR 12W: | 1 | 4 | 12 | 48 |
| LED 2: S1H: Radial Wall Sconce (Down Only): Other: | 1 | 3 | 14 | 42 |
| <u>Drive-Thru (Drive-up windows/doors, 3 windows or doors): Non-tradable Wattage</u> | | | | |
| LED 1: F12G: 6" LED Downlight: LED PAR 12W: | 1 | 6 | 12 | 72 |
| LED 2: S1H: Radial Wall Sconce (Down Only): Other: | 1 | 3 | 14 | 42 |
| <u>Soffit Lighting (Illuminated area of facade wall or surface, 216 ft2): Non-tradable Wattage</u> | | | | |
| LED 1: F12W: 6" LED Downlight: Other: | 1 | 5 | 12 | 62 |
| LED 2: S1H: Radial Wall Sconce (Down Only): Other: | 1 | 1 | 14 | 14 |
| LED 4: FL1: Floodlights: Other: | 1 | 4 | 16 | Exempt |
| Exemption:Advertising or directional signage | | | | |
| LED 5: SLED2-HE: Down Only Accent Lighting: Other: | 1 | 11 | 10 | Exempt |
| Exemption:Advertising or directional signage | | | | |
| LED 6: SLED3-HE: Down Only Accent Lighting: Other: | 1 | 1 | 14 | Exempt |
| Exemption:Advertising or directional signage | | | | |

| A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast | B Lamps/ Fixture | C # of Fixture | D Fixture Watt. | E (C X D) |
|--|------------------------|----------------------|-----------------------|--------------|
| LED 7: SLED4-HE: Down Only Accent Lighting: Other: Exemption:Advertising or directional signage | 1 | 2 | 19 | Exempt |
| Total Tradable Proposed Watts = | | | | 90 |

Exterior Lighting PASSES: Design 89% 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 2015 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

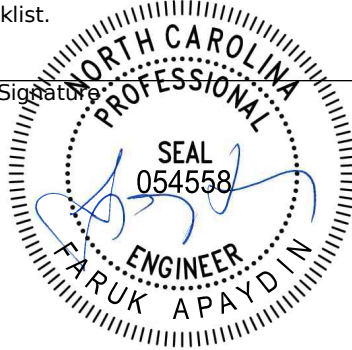
Faruk Apaydin, PE

Name - Title

Signature

9/6/2024

Date





COMcheck Software Version COMcheckWeb Mechanical Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: 32-0312 Lillington, NC - 4584-WW BB20
Location: Lillington, North Carolina
Climate Zone: 4a
Project Type: New Construction

Construction Site:
102 W Cornelius Harnett Blvd
Lillington, North Carolina 27546

Owner/Agent:
McDonald's USA LLC
110 N Carpenter Street
Chicago, Illinois 60607-2101

Designer/Contractor:
AECOM
300 Broadacress Drive, Suite 250
Bloomfield, New Jersey 07003
973-883-8669
aaron.c.smith@aecom.com

Additional Efficiency Package(s)

Credits: 1.0 Required 1.0 Proposed
Reduced Lighting Power, 1.0 credit

Mechanical Systems List

Quantity System Type & Description

- 1 RTU-1 (Single Zone):
Heating: 1 each - Central Furnace, Gas, Capacity = 250 kBtu/h
Proposed Efficiency = 80.00% Et, Required Efficiency: 80.00 % Et
Cooling: 1 each - Single Package DX Unit, Capacity = 259 kBtu/h, Air-Cooled Condenser, Air Economizer
Proposed Efficiency = 11.00 EER, Required Efficiency = 9.80 EER
Proposed Part Load Efficiency = 11.70 IEER, Required Part Load Efficiency = 11.40 IEER
Fan System: RTU1 -- Compliance (Motor nameplate HP and fan efficiency method) : Passes

Fans:
RTU1 Supply, Constant Volume, 8000 CFM, 7.5 motor nameplate hp, 70.0 fan efficiency grade, 0.0 total fan efficiency, 0.0 design fan efficiency
- 1 RTU-2 (Single Zone):
Heating: 1 each - Central Furnace, Gas, Capacity = 60 kBtu/h
Proposed Efficiency = 80.00% Et, Required Efficiency: 80.00 % Et or 78% AFUE
Cooling: 1 each - Single Package DX Unit, Capacity = 64 kBtu/h, Air-Cooled Condenser, Air Economizer
Proposed Efficiency = 15.00 SEER, Required Efficiency = 14.00 SEER
Proposed Part Load Efficiency = 0.00 , Required Part Load Efficiency = 0.00
Fan System: RTU2 -- Compliance (Motor nameplate HP and fan efficiency method) : Passes

Fans:
RTU2 Supply, Constant Volume, 2000 CFM, 0.8 motor nameplate hp, 70.0 fan efficiency grade, 0.0 total fan efficiency, 0.0 design fan efficiency
- 1 RTU-3 (Single Zone):
Heating: 1 each - Central Furnace, Gas, Capacity = 250 kBtu/h
Proposed Efficiency = 80.00% Et, Required Efficiency: 80.00 % Et
Cooling: 1 each - Single Package DX Unit, Capacity = 182 kBtu/h, Air-Cooled Condenser, Air Economizer
Proposed Efficiency = 12.00 EER, Required Efficiency = 10.80 EER
Proposed Part Load Efficiency = 13.30 IEER, Required Part Load Efficiency = 12.20 IEER
Fan System: RTU3 -- Compliance (Motor nameplate HP and fan efficiency method) : Passes

Fans:
RTU3 Supply, Constant Volume, 6000 CFM, 3.0 motor nameplate hp, 70.0 fan efficiency grade, 0.0 total fan efficiency, 0.0 design fan efficiency
- 1 Water Heater:
Gas Storage Water Heater, Capacity: 100 gallons, Input Rating: 54 kBtu/h
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 2015 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

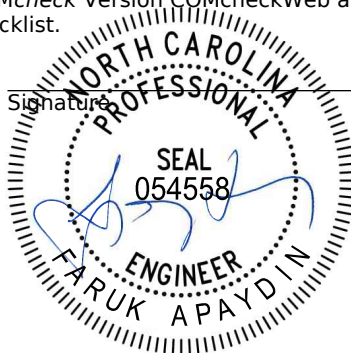
Faruk Apaydin, PE

Name - Title

Signature

9/6/2024

Date





Inspection Checklist

Energy Code: 2015 IECC

Requirements: 100.0% 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. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 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. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 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. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 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. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 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. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C402.4.1 [PR10] ¹ | The vertical fenestration area <= 30 percent of the gross above-grade wall area. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |

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

| Section # & Req.ID | Plan Review | Complies? | Comments/Assumptions |
|------------------------------|---|---|--------------------------|
| C402.4.1 [PR11] ¹ | The skylight area <= 3 percent of the gross roof area. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 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. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C406 [PR9] ¹ | Plans, specifications, and/or calculations provide all information with which compliance can be determined for the additional energy efficiency package options. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |

Additional Comments/Assumptions:

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

| Section # & Req.ID | Footing / Foundation Inspection | Complies? | Comments/Assumptions |
|---|---|---|---|
| C303.2 [FO4] ² | Slab edge insulation installed per manufacturer's instructions. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C303.2.1 [FO6] ¹ | Exterior insulation protected against damage, sunlight, moisture, wind, landscaping and equipment maintenance activities. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C104 [FO3] ² | Installed slab-on-grade insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | See the Envelope Assemblies table for values. |
| C402.2.6 [FO12] ³ | Radiant heating systems panels insulated to $\geq R-3.5$ on face opposite space being heated. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. See the Envelope Assemblies table for values. |
| C403.2.4.5, C403.2.4.6 [FO9] ³ | Snow/ice melting system sensors for future connection to controls. Freeze protection systems have automatic controls installed. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input checked="" type="checkbox"/> 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) |
|---|----------------------|---|------------------------|---|---------------------|

| Section # & Req.ID | Framing / Rough-In Inspection | Complies? | Comments/Assumptions |
|---|--|---|---|
| C303.1.3 [FR12] ² | Fenestration products rated in accordance with NFRC. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C303.1.3 [FR13] ¹ | Fenestration products are certified as to performance labels or certificates provided. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C402.4.3 [FR10] ¹ | Vertical fenestration SHGC value. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | See the Envelope Assemblies table for values. |
| C402.4.3, C402.4.3.4 [FR8] ¹ | Vertical fenestration U-Factor. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | See the Envelope Assemblies table for values. |
| C402.4.4 [FR14] ² | U-factor of opaque doors associated with the building thermal envelope meets requirements. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | See the Envelope Assemblies table for values. |
| C402.5.1.2.1 [FR19] ¹ | The building envelope contains a continuous air barrier that is sealed in an approved manner and material permeability ≤ 0.004 dfm/ft ² . Air barrier penetrations are sealed in an approved manner. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C402.5.2, C402.5.4 [FR18] ³ | Factory-built fenestration and doors are labeled as meeting air leakage requirements. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C402.5.7 [FR17] ³ | Vestibules are installed on all building entrances. Doors have self-closing devices. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input checked="" type="checkbox"/> 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) |
|---|----------------------|---|------------------------|---|---------------------|

| Section # & Req.ID | Plumbing Rough-In Inspection | Complies? | Comments/Assumptions |
|---|---|---|--------------------------|
| C404.5, C404.5.1, C404.5.2 [PL6] ³ | Heated water supply piping conforms to pipe length and volume requirements. Refer to section details. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 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. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C404.7 [PL8] ³ | Water distribution system that pumps water from a heated-water supply pipe back to the heated-water source through a cold-water supply pipe is a demand recirculation water system. Pumps within this system 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. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |

Additional Comments/Assumptions:

| | | |
|------------------------|--------------------------|-----------------------|
| 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 |
|--|--|---|--|
| C402.2.6 [ME41] ³ | Thermally ineffective panel surfaces of sensible heating panels have insulation $\geq R-3.5$. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input checked="" type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |
| C402.5.5, C403.2.4.3 [ME3] ³ | Stair and elevator shaft vents have motorized dampers that automatically close. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input checked="" type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |
| C402.5.5, C403.2.4.3 [ME58] 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. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input checked="" type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |
| 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. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. <i>See the Mechanical Systems list for values.</i> |
| C403.2.12.3 [ME117] ² | Fans have efficiency grade (FEG) ≥ 67 . The total efficiency of the fan at the design point of operation $\leq 15\%$ of maximum total efficiency of the fan. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C403.2.13 [ME71] ² | Unenclosed spaces that are heated use only radiant heat. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input checked="" type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |
| C403.2.4.7 [ME113] ² | Fault detection and diagnostics installed with air-cooled unitary DX units having economizers. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 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. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input checked="" type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |
| 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. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input checked="" type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |
| C403.2.7 [ME57] ¹ | Exhaust air energy recovery on systems meeting Table C403.2.7(1) and C403.2.7(2). | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input checked="" type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |
| 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. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C403.2.9 [ME60] ² | HVAC ducts and plenums insulated. Where ducts or plenums are installed in or under a slab, verification may need to occur during Foundation Inspection. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input checked="" type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |

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 |
|---|--|---|---|
| C403.2.9 [ME10] ² | Ducts and plenums sealed based on static pressure and location. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C403.2.9.1.3 [ME11] ³ | Ductwork operating >3 in. water column requires air leakage testing. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input checked="" type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |
| C403.3 [ME62] ¹ | Air economizers provided where required, meet the requirements for design capacity, control signal, ventilation controls, high-limit shut-off, integrated economizer control, and provide a means to relieve excess outside air during operation. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C403.4.4.6 [ME110] ³ | Multiple zone VAV systems with DDC of individual zone boxes have static pressure setpoint reset controls. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input checked="" type="checkbox"/> Not Applicable | Exception: Requirement does not apply. <i>See the Mechanical Systems list for values.</i> |
| C404.2.1 [ME111] ² | Gas-fired water-heating equipment installed in new buildings: where a singular piece of water-heating equipment $\geq 1,000$ kBtu/h serves the entire building, thermal efficiency ≥ 90 Et. Where multiple pieces of water-heating equipment serve the building with combined rating $\geq 1,000$ 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. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C408.2.2.1 [ME53] ³ | Air outlets and zone terminal devices have means for air balancing. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 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.. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input checked="" type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |

Additional Comments/Assumptions:

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

| Section # & Req.ID | Rough-In Electrical Inspection | Complies? | Comments/Assumptions |
|--|---|---|---|
| C405.2.1 [EL15] ¹ | Lighting controls installed to uniformly reduce the lighting load by at least 50%. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C405.2.1 [EL18] ¹ | Occupancy sensors installed in required spaces. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C405.2.1, C405.2.2.3 [EL23] ² | Independent lighting controls installed per approved lighting plans and all manual controls readily accessible and visible to occupants. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C405.2.2.1 [EL22] ² | Automatic controls to shut off all building lighting installed in all buildings. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C405.2.3 [EL16] ² | Daylight zones provided with individual controls that control the lights independent of general area lighting. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C405.2.3.1, C405.2.3.2 [EL20] ¹ | Primary sidelighted areas are equipped with required lighting controls. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C405.2.3.1, C405.2.3.3 [EL21] ¹ | Enclosed spaces with daylight area under skylights and rooftop monitors are equipped with required lighting controls. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input checked="" type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |
| C405.2.4 [EL4] ¹ | Separate lighting control devices for specific uses installed per approved lighting plans. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C405.2.4 [EL8] ¹ | Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C405.2.5 [EL25] ^{null} | Automatic lighting controls for exterior lighting installed. Controls will be daylight controlled, set based on business operation time-of-day, or reduce connected lighting > 30%. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C405.3 [EL6] ¹ | Exit signs do not exceed 5 watts per face. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |

Additional Comments/Assumptions:

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

| Section # & Req.ID | Insulation Inspection | Complies? | Comments/Assumptions |
|-------------------------------|--|---|---|
| C303.1 [IN3] ¹ | Roof insulation installed per manufacturer's instructions. Blown or poured loose-fill insulation is installed only where the roof slope is <=3 in 12. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C303.1 [IN10] ² | Building envelope insulation is labeled with R-value or insulation certificate providing R-value and other relevant data. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C303.2 [IN7] ¹ | Above-grade wall insulation installed per manufacturer's instructions. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 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. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C402.2.1 [IN17] ³ | Insulation intended to meet the roof insulation requirements cannot be installed on top of a suspended ceiling. Mark this requirement compliant if insulation is installed accordingly. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C104 [IN6] ¹ | Installed above-grade wall insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | See the Envelope Assemblies table for values. |
| C104 [IN8] ² | Installed floor insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> 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. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 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. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> 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. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |

Additional Comments/Assumptions:

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

| Section # & Req.ID | Final Inspection | Complies? | Comments/Assumptions |
|--|---|---|--|
| C303.3, C408.2.5.2 [FI17] ³ | Furnished O&M instructions for systems and equipment to the building owner or designated representative. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C303.3, C408.2.5.3 [FI8] ³ | Furnished O&M manuals for HVAC systems within 90 days of system acceptance. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C402.5.3 [FI51] ³ | Where open combustion air ducts provide combustion air to open combustion fuel burning appliances, the appliances and combustion air opening are located outside the building thermal envelope or enclosed in a room, isolated from inside the thermal envelope. Such rooms are sealed and insulated. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C402.5.6 [FI37] ¹ | Weatherseals installed on all loading dock cargo doors. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input checked="" type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |
| 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. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C403.2.2 [FI27] ³ | HVAC systems and equipment capacity does not exceed calculated loads. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| 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. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C403.2.4.1.2 [FI38] ³ | Thermostatic controls have a 5 °F deadband. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C403.2.4.1.3 [FI20] ³ | Temperature controls have setpoint overlap restrictions. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C403.2.4.2 [FI39] ³ | Each zone equipped with setback controls using automatic time clock or programmable control system. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input checked="" type="checkbox"/> Not Applicable | Exception: Zones operated continuously. |
| 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 | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input checked="" type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |

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

| Section # & Req.ID | Final Inspection | Complies? | Comments/Assumptions |
|-------------------------------------|---|---|---|
| C403.2.4.2.3 [FI41] ³ | Systems include optimum start controls. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C404.3 [FI11] ³ | Heat traps installed on supply and discharge piping of non-circulating systems. | <input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input checked="" type="checkbox"/> Not Applicable | Exception: Requirement does not apply. |
| C404.4 [FI25] ² | All piping insulated in accordance with section details and Table C403.2.10. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C405.4.1 [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. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | <i>See the Interior Lighting fixture schedule for values.</i> |
| C405.5.1 [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. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | <i>See the Exterior Lighting fixture schedule for values.</i> |
| C408.2.1 [FI28] ¹ | Commissioning plan developed by registered design professional or approved agency. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C408.2.3.1 [FI31] ¹ | HVAC equipment has been tested to ensure proper operation. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C408.2.3.2 [FI10] ¹ | HVAC control systems have been tested to ensure proper operation, calibration and adjustment of controls. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C408.2.3.3 [FI32] ¹ | Economizers have been tested to ensure proper operation. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C408.2.4 [FI29] ¹ | Preliminary commissioning report completed and certified by registered design professional or approved agency. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C408.2.5.1 [FI7] ³ | Furnished HVAC as-built drawings submitted within 90 days of system acceptance. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C408.2.5.1 [FI16] ³ | Furnished as-built drawings for electric power systems within 90 days of system acceptance. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |

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

| Section # & Req.ID | Final Inspection | Complies? | Comments/Assumptions |
|-----------------------------------|---|---|--------------------------|
| C408.2.5.3 [FI43] ¹ | An air and/or hydronic system balancing report is provided for HVAC systems. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C408.2.5.4 [FI30] ¹ | Final commissioning report due to building owner within 90 days of receipt of certificate of occupancy. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |
| C408.3 [FI33] ¹ | Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation. | <input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable | Requirement will be met. |

Additional Comments/Assumptions:

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