

Code-Smart Guestroom System

Save energy with a smart, simple, lighting control system

- **Supports energy code compliance** in hotel guest rooms
- **Simple to design, to install, and setup** - no programming needed
- **Budget-friendly** and ideal for mid-scale guestrooms, senior living, dormitories, and more

Code-Smart Guestroom System

Save Energy. Support Code Compliance. Meet budget. Simplify Design.

Save Energy

Energy Efficient

- Smart, simple, lighting control system
- Guest presence detection intelligently identifies when the room is unoccupied

Simple Sequence of Operations

- Optimize energy savings without compromising guest experience

Avoid common guest experience pain points

- Master switch confusion
- Lights turning on in the middle of the night
- Lights turning off unexpectedly
- Fumbling for keycard to turn lights on in the dark



Meet Budget

Budget-friendly

- Save energy and preserve guest comfort with the right system at the right price

Easy to project cost

- One consistent model number for every room

Save on devices and materials

- Circuit-level control eliminates a “Frankenstein system” of mismatched parts and pieces otherwise necessary to meet code requirements



Simple and Flexible

Easy to design, install, and setup

- Simple button presses associate sensors to the system

No factory startup

- Install, assign sensors, and move on to the next room
- No hidden fees

Support meeting code

- Supports meeting lighting requirements in common energy codes, including ASHRAE 90.1, IECC and CA Title 24 Part 6
- Codes vary state-by-state, and even city-by-city, and with two package options, we support meeting code in most project locations



Code-Smart Guestroom System

Individual room automation for lights, with options for temperature and receptacle control

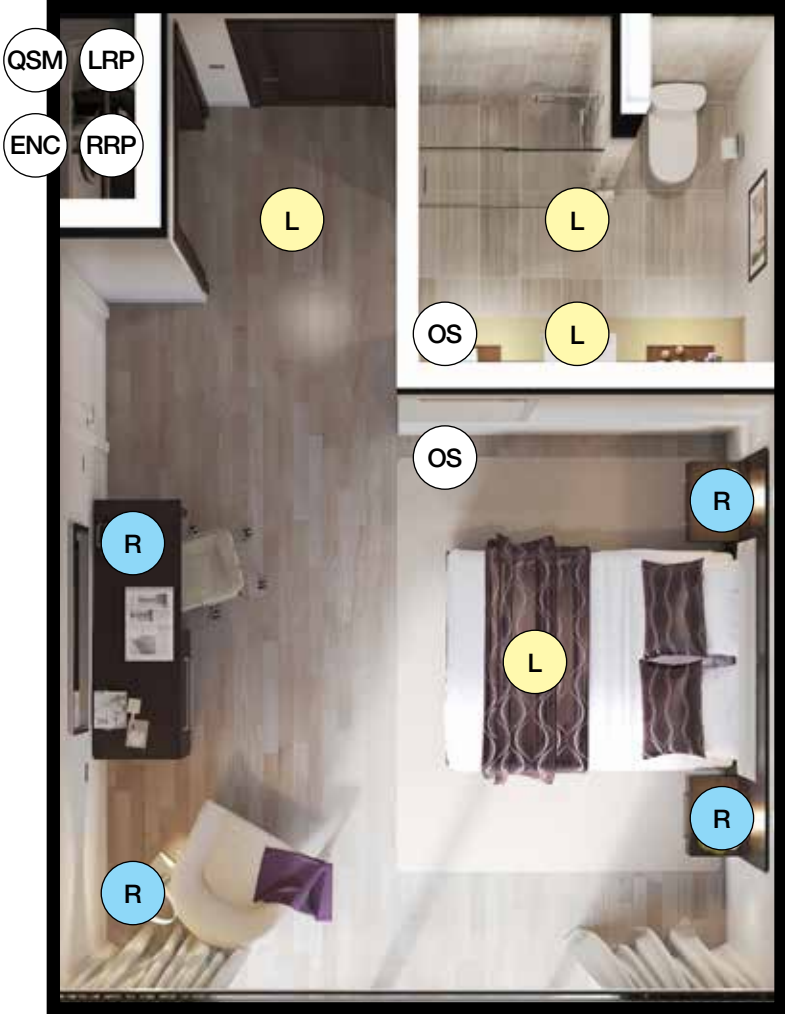
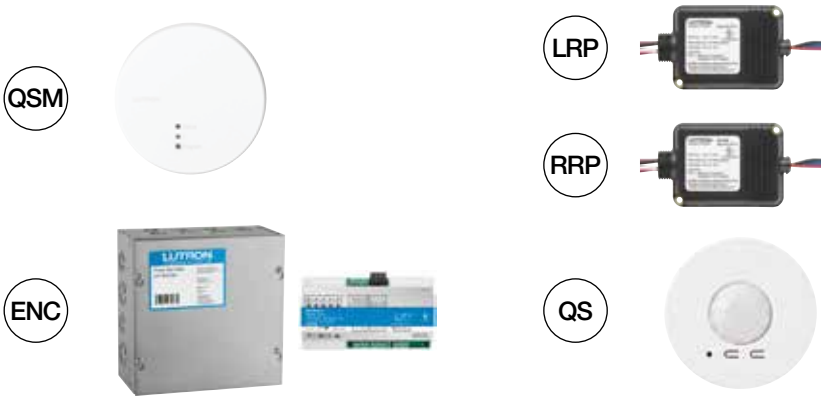
Package includes:

- Lutron-provided enclosure
- Switching load controller for Guest Presence Detection
- (1) relay power pack for controlled lighting circuit
- (1) relay power pack for controlled receptacle circuit*
- (2) occupancy sensors
- QS sensor module
- Connection to door contact (provided by installing contractor)
- Dry contact integration to thermostat (provided by mechanical contractor)

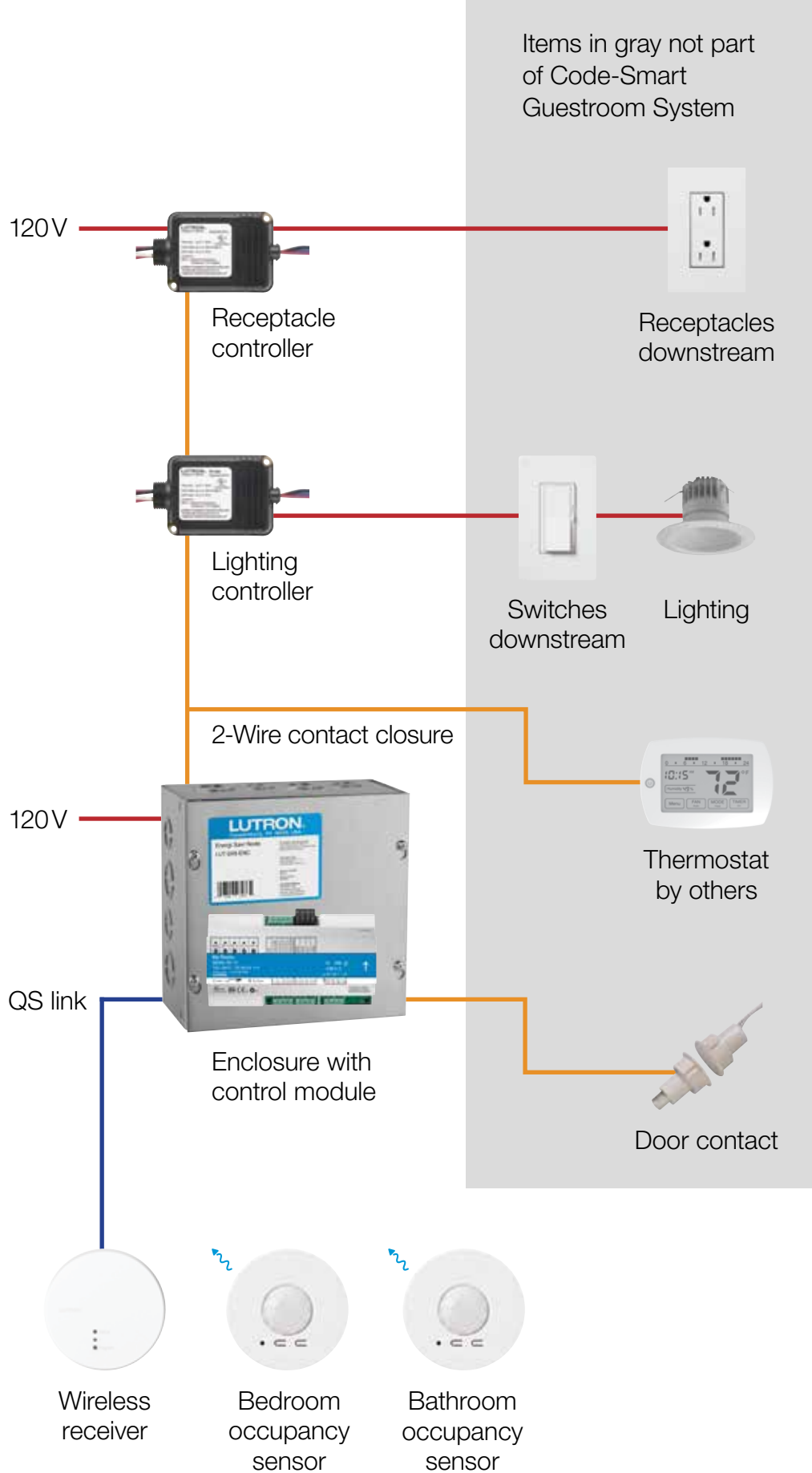
Sequence of Operations (SOO):

	Occupied	Unoccupied
Lights	Energized	De-energized
Receptacles*	Energized	De-energized
Temperature**	Comfort mode	Setback

*As required by code, and included in 2-circuit package
 **If integrated with 3rd-party thermostat via dry contact



L Master controlled lighting
R Master controlled receptacles

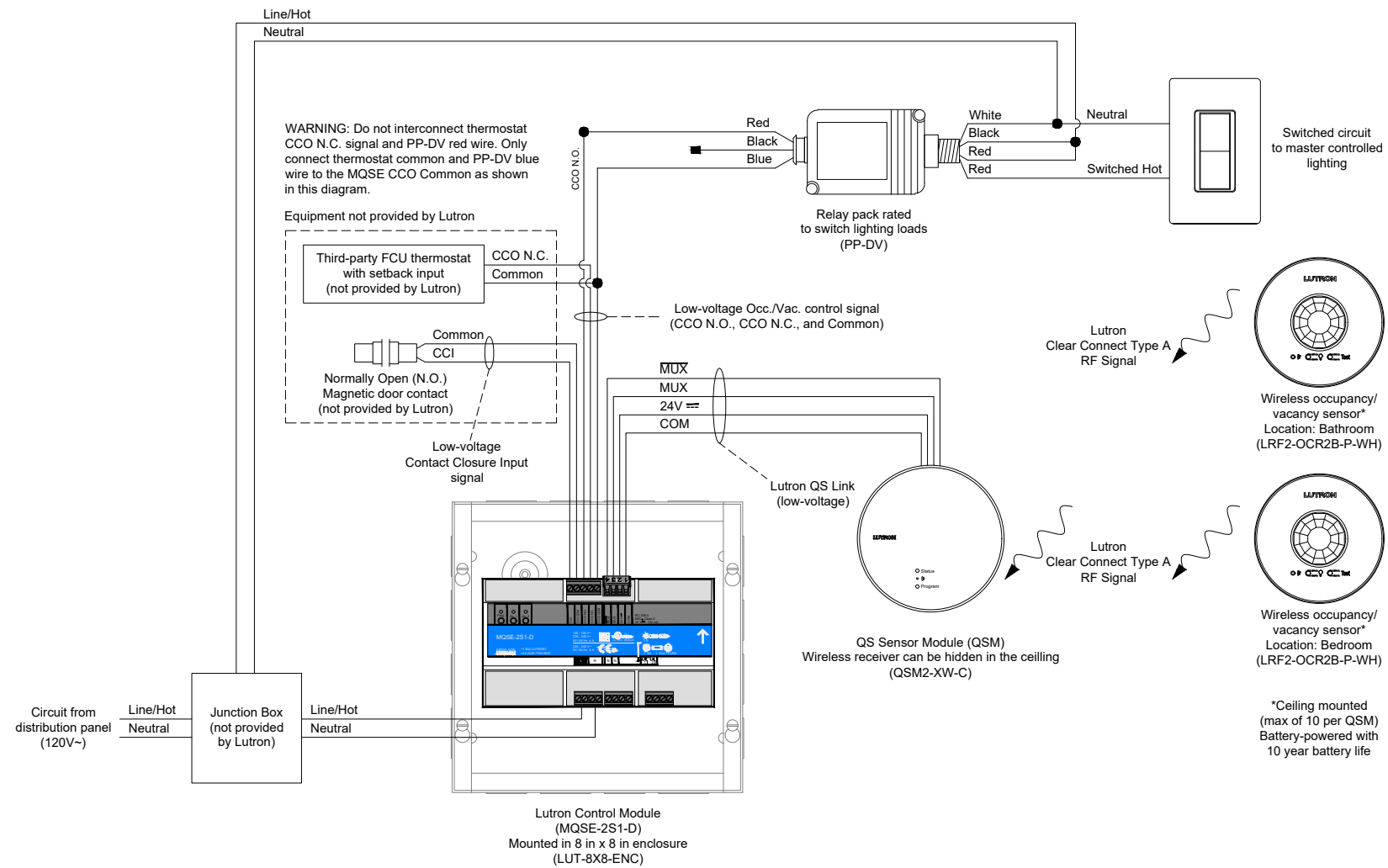


CCGS-NA-1

SEQUENCE OF OPERATIONS:

- WHEN THE DOOR IS OPENED/CLOSED, THE MOTION SENSORS LOOK FOR GUEST MOTION IN THE ROOM.
- WHEN MOTION IS DETECTED, THE ROOM IS LATCHED INTO THE OCCUPIED/ENERGIZED STATE.
- ROOM OCCUPANCY IS RE-EVALUATED ONLY WHEN THE DOOR IS OPENED/CLOSED. IF NO MOTION IS DETECTED FOR 15 MINUTES, THE CONTROLLER WILL DE-ENERGIZE THE LIGHTING CIRCUITS
- WHEN THE GUEST RETURNS TO A VACANT ROOM, THE LIGHTING CIRCUIT IS RE-ENERGIZED IMMEDIATELY WHEN THE DOOR IS OPENED.
- ALL LIGHTING IN THE ROOM IS CONTROLLED BY WALL SWITCHES/DIMMERS OR SWITCHES/DIMMERS ON FF&E LAMPS.

LUTRON NOTES:
 E.E. TO CONFIRM ALL CIRCUITING REQUIREMENTS.
 ARCHITECT TO VERIFY QUANTITY, LOCATION & FINISH OF ALL CONTROLS.
 SYSTEM PROGRAMMING TO BE COMPLETED BY ELECTRICAL CONTRACTOR. ADDITIONAL LUTRON VISITS CAN BE PURCHASED IF DESIRED.



LUTRON CODE-SMART GUESTROOM SYSTEM SINGLE CIRCUIT OPTION (CCGS-NA-1)

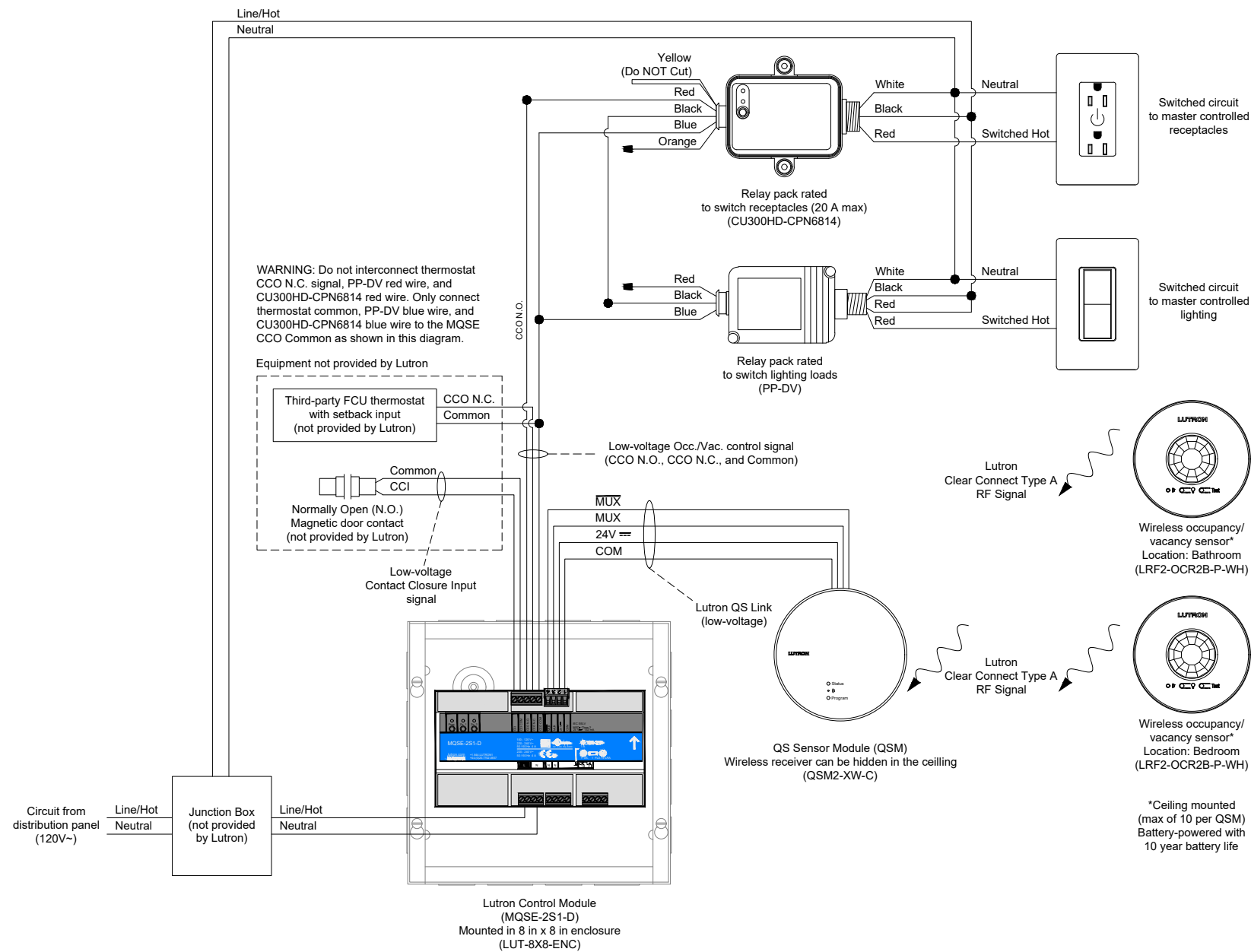
CONCEPT DRAWING NOT FOR CONSTRUCTION

Project Number:	N/A
Drawn By:	CMT/BN
Drawing Revision:	2
Drawing Date:	Q2 2021
Sheet:	1 OF 1

CCGS-NA-2

SEQUENCE OF OPERATIONS:

- WHEN THE DOOR IS OPENED/CLOSED, THE MOTION SENSORS LOOK FOR GUEST MOTION IN THE ROOM.
- WHEN MOTION IS DETECTED, THE ROOM IS LATCHED INTO THE OCCUPIED/ENERGIZED STATE.
- ROOM OCCUPANCY IS RE-EVALUATED ONLY WHEN THE DOOR IS OPENED/CLOSED. IF NO MOTION IS DETECTED FOR 15 MINUTES, THE CONTROLLER WILL DE-ENERGIZE THE LIGHTING AND RECEPTACLE CIRCUITS (CCGS-NA-2 ONLY).
- WHEN THE GUEST RETURNS TO A VACANT ROOM, THE LIGHTING AND RECEPTACLE CIRCUITS ARE RE-ENERGIZED IMMEDIATELY WHEN THE DOOR IS OPENED.
- ALL LIGHTING IN THE ROOM IS CONTROLLED BY WALL SWITCHES/DIMMERS OR SWITCHES/DIMMERS ON FF&E LAMPS.



LUTRON NOTES:
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LUTRON CODE-SMART GUESTROOM SYSTEM TWO CIRCUIT OPTION (CCGS-NA-2)

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Drawing Date:	Q2 2021
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