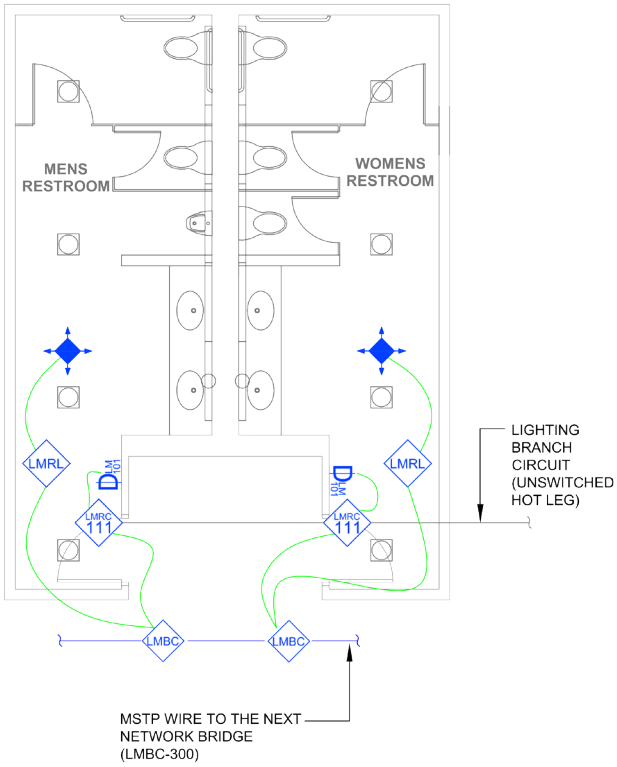
WATTSTOPPER®

Multi-Stall Restroom

CA Title 24 (2016) Compliant Space > 100Ft², Bldg > 10,000Ft², Dimming with DLM Product



SEQUENCE OF OPERATION

1. For each restroom independently, lighting auto On to 50% and exhaust fan auto on when occupancy detected.
2. Manual On/Off/Dim lighting with dimmer switches.
3. Auto Off all lighting and exhaust fans for each restroom independently within 20 minutes of occupants leaving.
4. A network demand response signal will reduce lighting level by a minimum of 15% of total lighting power.

DESIGN CONSIDERATIONS

- It is important that each restroom (men and women) operate independently and have its own connection to Wired Network Bridge to isolate them for correct auto configuration and operation of each independent exhaust fan.
- Demand Response, time scheduling and remote programming functions are enabled by the LMBC-300 Network Bridge connectivity. If Demand Responsive 15% lighting power reduction (Title 24 130.1(e)) for this space is offset by more aggressive light reduction in other spaces, connection to the lighting control network may not be necessary, thereby not requiring the LMBC-300 Network Bridge and associated network wiring.

BILL OF MATERIALS

LMRC-111 (2)	1-Relay Room Controller, 0-10V Dimming
LMDC-100 (2)	Ceiling Mount Dual Tech Occupancy Sensor
LMDM-101 (2)	1-Button Dimming Wall Switch
LMRL-100 (2)	Isolated Relay Interface
LMBC-300 (2)	Wired Network Bridge
LMRJ	Pre-Terminated Cable

CODE REQUIREMENTS

130.1(a)1-3	Area Controls
130.1(b)	Multi-Level Controls
130.1(c)5	Occupancy Sensor Shut-Off Controls
130.1(e)	Demand Responsive