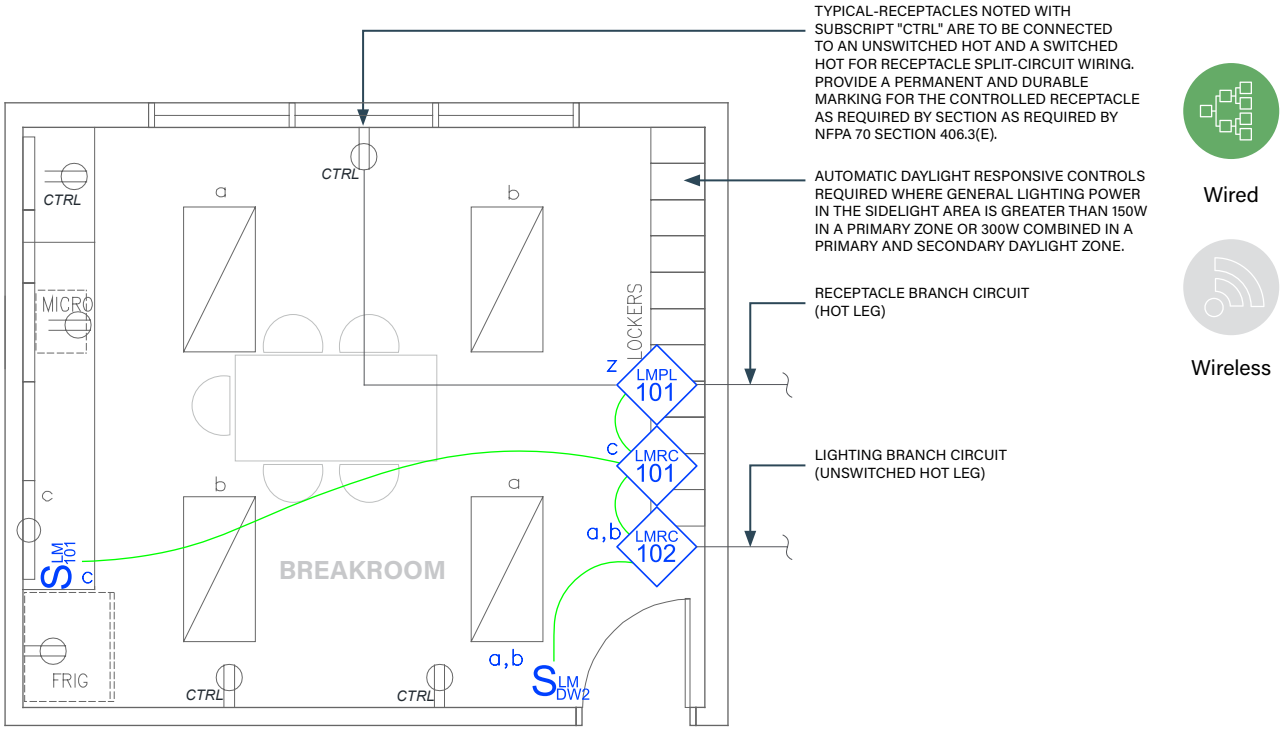
BREAKROOM/KITCHEN

On/Off Switching with Wired DLM Product



SEQUENCE OF OPERATIONS

1. General lighting (a) auto On to 50% and controlled receptacles auto On when occupancy detected.
2. Manual On/Off and 50% level control of general lighting (a, b) with wall switch occupancy sensor.
3. Manual On/Off control under cabinet lighting (c) with switch.
4. Auto off all lighting and controlled receptacles within 20 minutes of occupants leaving.

DESIGN CONSIDERATIONS

- A ceiling or corner mount occupancy sensor can be used instead of the wall switch occupancy sensor for larger rooms or to achieve a more specific area of occupancy detection coverage.
- Time scheduling, demand response and remote programming/diagnostic functions are enabled with installation of the LMBC-300 Network Bridge or LMBC-650 Wireless Bridge for system connectivity.
- Automatic receptacle control can be designed using either an RF transmitter with receptacle RF receivers, or hardwired receptacles using an LMPL-101 Plug Load Room Controller.
- To integrate occupancy detection control with the HVAC System, use a LMRL-100 Isolated Relay Interface.

BILL OF MATERIALS

PART NO.	QTY	DESCRIPTION
LMRC-101	1	1-Relay Room Controller
LMRC-102	1	2-Relay Room Controller
LMDW-102	1	2-Button Dual Tech Wall Switch Occupancy Sensor
LMSW-101	1	1-Button Digital Wall Switch
LMPL-101	1	Plug Load Room Controller
LMRJ	A/R	Pre-Terminated Cable

CODE REQUIREMENTS

C405.2.1	Occupancy Sensor Control
C405.2.1.1	Manual On / Partial Auto On
C405.2.5	Specific Application Control
C405.2.6	Manual Control
C405.11	Auto Receptacle Control

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