Multi-Stall Restroom

Title 24 Part 6 2022 Compliant
Dimming with NX Distributed Intelligence

QTY	SYMBOL LIST
2	BR NETWORK BRIDGE
2	FX1 ROOM CONTROLLER 1 RELAY
2	OS OCCUPANCY/DAYLIGHT SENSOR
2	KEY NX KEY SWITCH-ON/OFF/RAISE/LOWER

BILL OF MATERIALS

NXHNB2 - NX Network Bridge Module for networking rooms together
NXRCFX2-1RD-UNV - NX Room Controller 1 relay with 0-10 volt dimming
NXSW2-KEY - NX Digital KEY Switch, On/Raise/Lower/Off, White
NXSMDT-OMNI - NX Occupancy/Daylight Sensor, 24V, Ceiling Mount, PIR and Ultrasonic, 360º, 2,000 Sq. Ft.

CODE REQUIREMENTS

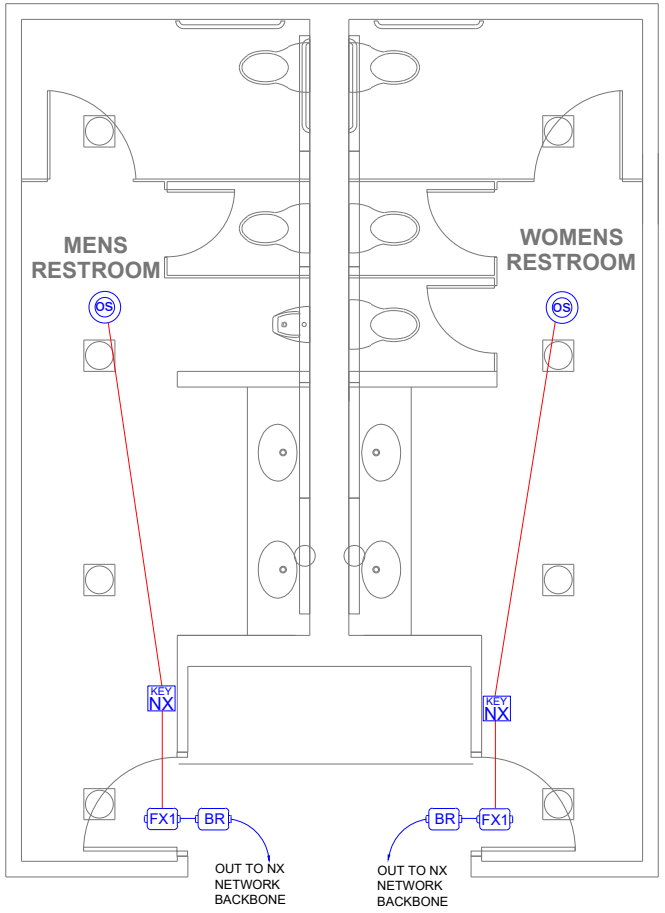
130.1(a): Manual Area Controls (not accessible to unauthorized personnel allowed)
130.1(c): Shut -Off Controls
130.1(e): Demand Response Controls Building > 4000 Watts
110.12 (a): 1.B responding to signal from a certified Virtual End Node
130.1(f): Control Interactions

SEQUENCE OF OPERATION

1. For each restroom independently, lighting auto On to 100% when occupancy detected.
2. Manual On/Off with local control key switch allowed to not be accessible to unauthorized personnel.
3. Auto off all lighting for each restroom independently within 20 minutes of occupants leaving.

DESIGN CONSIDERATIONS

- BMS Integration and Demand Response functions are enabled by using a NX bridge for connectivity.
- System Configuration Tools:
  Standalone rooms use the NX Lighting Controls APP (Apple or Android)
  Networked rooms NX Area Controller (NXAC)



LIGHTING SYSTEMS
www.ltgsys.com
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2322 6th Street
Berkeley, CA 94710

TYP MULTI-STALL RESTROOM - TITLE 24 2022

MANUFACTURER: NX BY CURRENT

APPLICATION
DATE: 07/26/23

1.8.0