

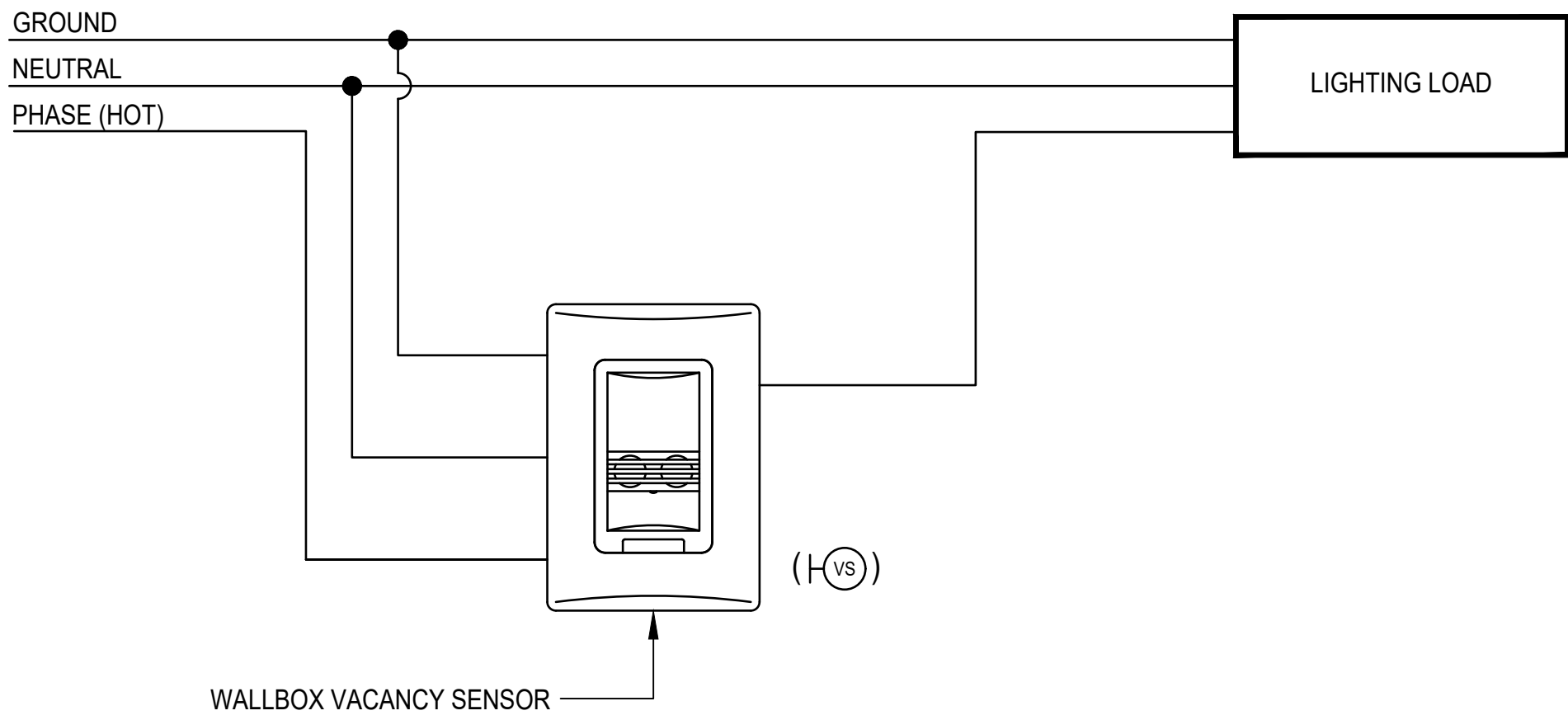
DESCRIPTION:

- SINGLE CIRCUIT, SINGLE RELAY LIGHTING CONTROL, RESTRICTED TO FULL AUTO ON, FULL AUTO OFF, MANUAL OFF
- NO RECEPTACLE CONTROL
- WALL BOX OCCUPANCY SENSOR (COMBINATION TYPE UNLESS OTHERWISE NOTED)

SEQUENCE OF OPERATION:

1. ENTIRE SYSTEM TURNS "ON" WHEN SENSOR DETECTS OCCUPANCY.
2. ENTIRE SYSTEM TURNS "OFF" WHEN PUSHBUTTON ON WALLBOX IS OPERATED, OR WHEN OCCUPANCY SENSOR NO LONGER DETECTS THAT THE ROOM IS OCCUPIED AND THE PROGRAMMED TIME DELAY HAS ELAPSED.

CONTROLS WIRING DIAGRAM (WD01A)



DESCRIPTION:

- SINGLE CIRCUIT, SINGLE RELAY LIGHTING CONTROL, RESTRICTED TO MANUAL ON, FULL AUTO OFF, MANUAL OFF
- NO RECEPTACLE CONTROL
- WALL BOX VACANCY SENSOR (COMBINATION TYPE UNLESS OTHERWISE NOTED)

SEQUENCE OF OPERATION:

1. ENTIRE SYSTEM TURNS "ON" WHEN PUSHBUTTON ON WALLBOX SENSOR IS OPERATED.
2. ENTIRE SYSTEM TURNS "OFF" WHEN PUSHBUTTON ON WALLBOX IS OPERATED, OR WHEN VACANCY SENSOR NO LONGER DETECTS THAT THE ROOM IS OCCUPIED AND THE PROGRAMMED TIME DELAY HAS ELAPSED.

CONTROLS WIRING DIAGRAM (WD01B)

GENERAL NOTES: (APPLICABLE TO ENTIRE SHEET)

- ① VERIFY WIRING REQUIREMENTS WITH MANUFACTURER. WIRING MAY DIFFER BETWEEN MANUFACTURERS.
- ② FOR QUANTITY OF SENSORS AND SWITCHES, REFER TO LIGHTING PLANS.
- ③ AUTOMATIC LIGHTING CONTROL SYSTEM MUST COMPLY WITH NFPA 101, 7.8.1, TO INCLUDE BUT NOT LIMITED TO THE FOLLOWING:
 1. THE AUTOMATIC LIGHTING CONTROL DEVICE MUST BE LISTED.
 2. THE AUTOMATIC LIGHTING CONTROL MUST BE EQUIPPED TO AUTOMATICALLY ENERGIZE THE CONTROLLED LIGHTS UPON LOSS OF NORMAL POWER. SEE FIRE PROTECTION DRAWINGS FOR REQUIREMENTS.
 3. THE AUTOMATIC LIGHTING CONTROL DEVICE IS ACTIVATED BY OCCUPANT MOVEMENT IN THE AREA SERVED.
 4. THE AUTOMATIC LIGHTING CONTROL DEVICE IS ACTIVATED BY ACTIVATION OF THE BUILDING FIRE ALARM SYSTEM.
 5. THE AUTOMATIC LIGHTING CONTROL DEVICE DOES NOT CAUSE THE DE-ENERGIZING OF EMERGENCY BATTERIES.
 6. PROVIDE ALL CONDUIT, WIRING DEVICES, AND CONNECTIONS REQUIRED.
- ④ SUBMIT SHOP DRAWING OF ENTIRE SYSTEM, TO INCLUDE BUT NOT LIMITED TO PRODUCT DATA AND WIRING/CONTROL DIAGRAMS FOR REVIEW AND APPROVAL.
- ⑤ INSTALL ALL CABLES IN CONDUIT. MINIMUM CONDUIT SIZE AS PER SPECIFICATION 16402

IF SHEET IS LESS THAN 24" X 36"
REDUCED PRINT - USE GRAPHIC SCALES

REVISIONS		
No.	Description	Date

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Project:

NMC
PACKAGE 1: STUDENT
CENTER BUILDING

Title:

MISCELLANEOUS
DIAGRAMS - SHEET 3

CONSTRUCTION
DOCUMENTS

Designed: JF/LB
Drawn: NP/RS
Checked: IA/AM
Supv: AM
Scale: AS INDICATED
Date: 10/07/2022
Project No. File

Drawing No.
E2.7
Sheet No. _____ of _____