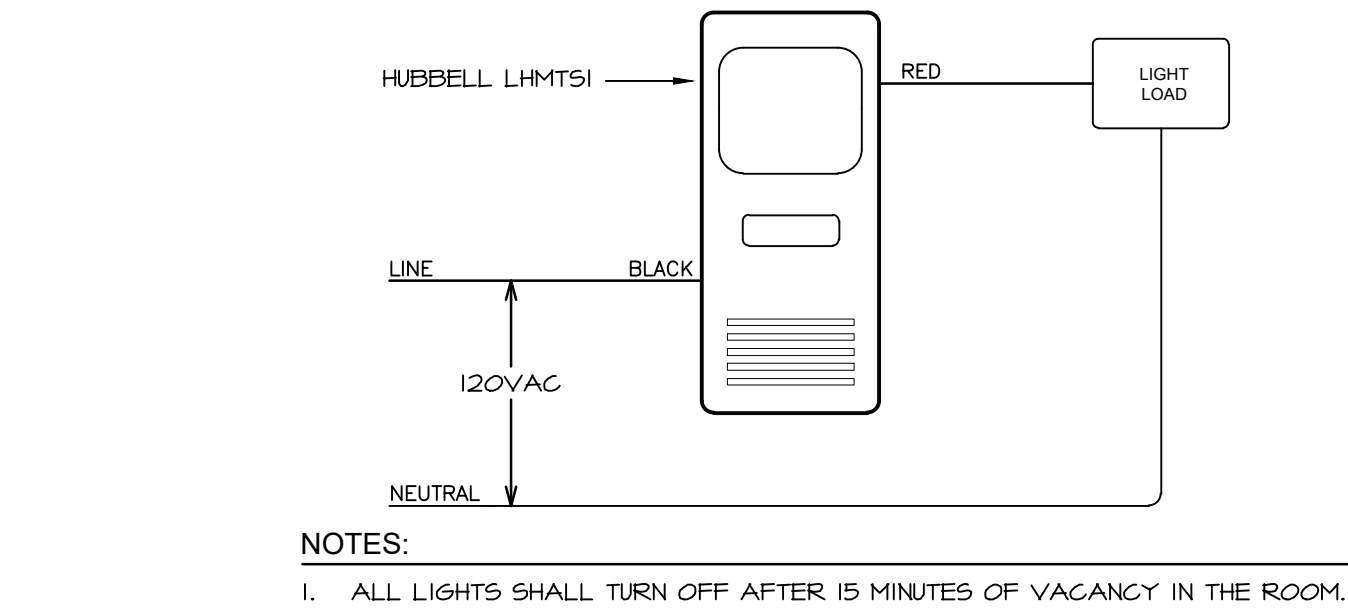
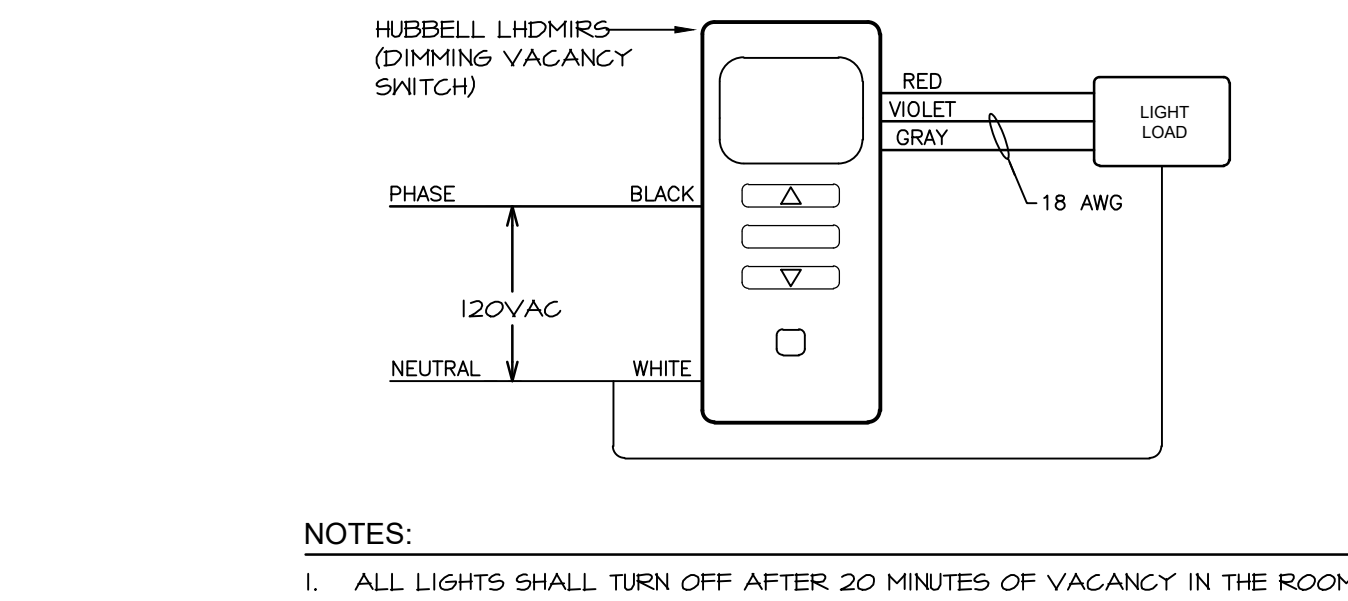


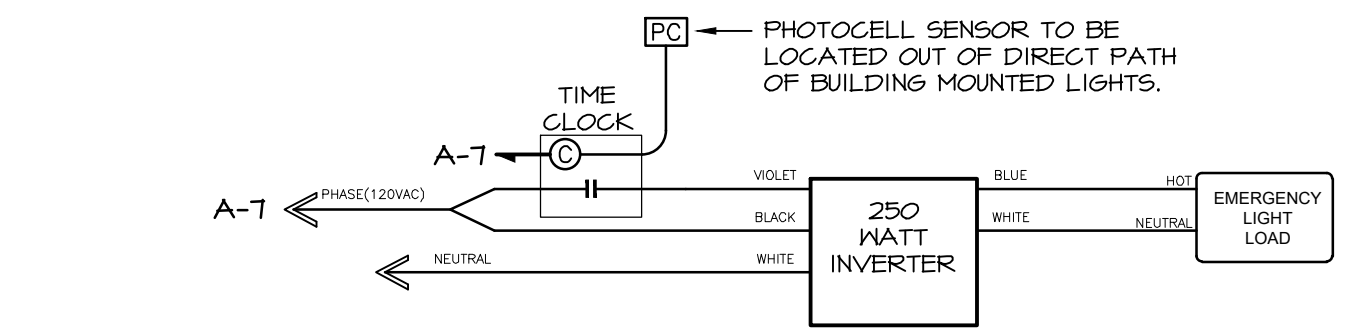
LIGHTING CONTROL ROOM SCHEDULE						
TAG	SWITCH	MOTION SENSOR	DAYLIGHT SENSOR	ROOM CONTROLLER	OPERATION MODE	DESCRIPTION
1	HUBBELL LHMTSI	NA	NA	NA	AUTOMATIC ON/ AUTOMATIC OFF	WALL SWITCH SENSOR SET FOR OCCUPANCY MODE, 120V. REFER TO DETAIL 1/E302.
2	HUBBELL LHMTSI	NA	NA	NA	MANUAL ON/ AUTOMATIC OFF	WALL SWITCH SENSOR SET FOR VACANCY MODE, 120V. REFER TO DETAIL 1/E302.
3	HUBBELL LHDMIRS3-N	NA	NA	NA	MANUAL ON/ AUTOMATIC OFF	WALL SWITCH VACANCY SENSOR WITH 0-10V DIMMING, 120V. REFER TO DETAIL 2/E302.
4	HUBBELL NXSW-ORLO	HUBBELL OMNIDT2000	NA	HUBBELL NXRC-1RD-INV	MANUAL ON/ AUTOMATIC OFF	24VDC CEILING MOUNTED VACANCY SENSOR AND (1) 4-BUTTON DIMMING SWITCH, POWERED BY 1-CHANNEL CONTROLLER W/ 0-10V DIMMING, 120V. REFER TO DETAIL 3/E302
5	HUBBELL NXSW-ORLO	(2) HUBBELL OMNIDT2000	NA	HUBBELL NXRC-1RD-INV	MANUAL ON/ AUTOMATIC OFF	(2) 24VDC CEILING MOUNTED VACANCY SENSORS AND (1) 4-BUTTON DIMMING SWITCH, POWERED BY 1-CHANNEL CONTROLLER W/ 0-10V DIMMING, 120V. REFER TO DETAIL 3/E302
6	(3) HUBBELL NXSW-ORLO	(6) HUBBELL OMNIDT2000	NA	(1) HUBBELL NXRC-1RD-INV, (1) HUBBELL NXRC-2RD-INV	MANUAL ON/ AUTOMATIC OFF	(6) 24VDC CEILING MOUNTED VACANCY SENSORS AND (3) 4-BUTTON DIMMING SWITCHES, POWERED BY 1-CHANNEL CONTROLLER & 2-CHANNEL CONTROLLER W/ 0-10V DIMMING, 120V. REFER TO DETAIL
7	(2) HUBBELL NXSW-ORLO	HUBBELL OMNIDT2000	NA	HUBBELL NXRC-1RD-INV	MANUAL ON/ AUTOMATIC OFF	24VDC CEILING MOUNTED VACANCY SENSOR AND (2) 4-BUTTON DIMMING SWITCHES, POWERED BY 1-CHANNEL CONTROLLER W/ 0-10V DIMMING, 120V. REFER TO DETAIL 3/E302
8	HUBBELL 1201	NA	NA	NA	MANUAL ON/ MANUAL OFF	SINGLE POLE TOGGLE SWITCH, EXTRA HEAVY DUTY INDUSTRIAL GRADE, 15A, 120V.
9	HUBBELL 1201	HUBBELL OMNIDT2000	NA	HUBBELL UVPP	AUTOMATIC ON/ AUTOMATIC OFF	24V CEILING MOUNTED OCCUPANCY SENSOR POWER BY UVPP POWER PACK, WITH SINGLE POLE TOGGLE SWITCH, 120V. REFER TO DETAIL
10	HUBBELL 1201	(2) HUBBELL OMNIDT2000	NA	HUBBELL UVPP	AUTOMATIC ON/ AUTOMATIC OFF	(2) 24V CEILING MOUNTED OCCUPANCY SENSORS POWER BY UVPP POWER PACK, WITH SINGLE POLE TOGGLE SWITCH, 120V. REFER TO DETAIL
11	HUBBELL 1201	(3) HUBBELL OMNIDT2000	NA	HUBBELL UVPP	AUTOMATIC ON/ AUTOMATIC OFF	(3) 24V CEILING MOUNTED OCCUPANCY SENSOR POWER BY UVPP POWER PACK, WITH SINGLE POLE TOGGLE SWITCH, 120V. REFER TO DETAIL
12	(2) HUBBELL 1203	NA	NA	NA	MANUAL ON/ MANUAL OFF	(2) THREE-WAY TOGGLE SWITCHES, EXTRA HEAVY DUTY INDUSTRIAL GRADE, 15A, 120V.
13	(2) HUBBELL 1203	HUBBELL OMNIDT2000	NA	HUBBELL UVPP	AUTOMATIC ON/ AUTOMATIC OFF	24V CEILING MOUNTED OCCUPANCY SENSOR POWERED BY UVPP POWER PACK, WITH (2) THREE-WAY TOGGLE SWITCHES, 120V. REFER TO DETAIL
14	(2) HUBBELL 1203	(2) HUBBELL OMNIDT2000	NA	HUBBELL UVPP	AUTOMATIC ON/ AUTOMATIC OFF	(2) 24V CEILING MOUNTED OCCUPANCY SENSORS POWERED BY UVPP POWER PACK, WITH (2) THREE-WAY TOGGLE SWITCHES, 120V. REFER TO DETAIL
15	(2) HUBBELL 1203	(3) HUBBELL OMNIDT2000	NA	HUBBELL UVPP	AUTOMATIC ON/ AUTOMATIC OFF	(3) 24V CEILING MOUNTED OCCUPANCY SENSORS POWERED BY UVPP POWER PACK, WITH (2) THREE-WAY TOGGLE SWITCHES, 120V. REFER TO DETAIL
16	(2) HUBBELL 1203 & (1) 1204	(4) HUBBELL OMNIDT2000	NA	HUBBELL UVPP	AUTOMATIC ON/ AUTOMATIC OFF	(4) 24V CEILING MOUNTED OCCUPANCY SENSORS POWERED BY UVPP POWER PACK, WITH (2) THREE-WAY, & (1) FOUR-WAY TOGGLE SWITCH, 120V. REFER TO DETAIL



1
E302 LINE VOLTAGE OCCUPANCY/VACANCY SWITCH DETAIL
NOT TO SCALE

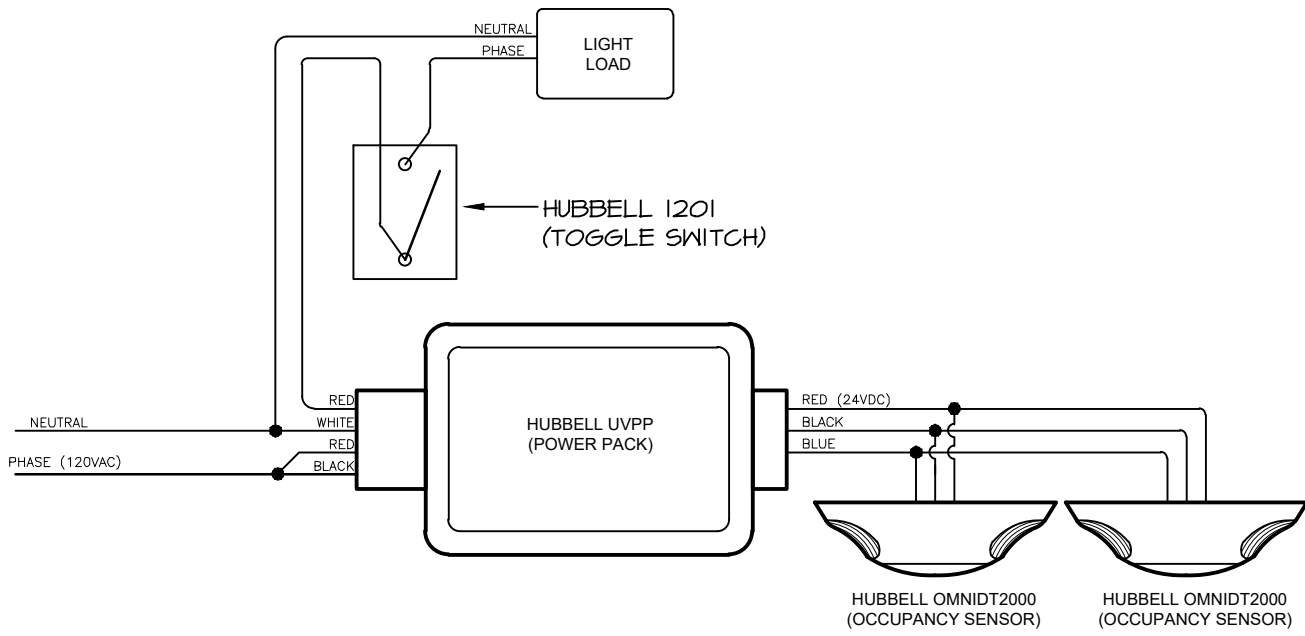


2
E302 DIMMING VACANCY SWITCH DETAIL
NOT TO SCALE

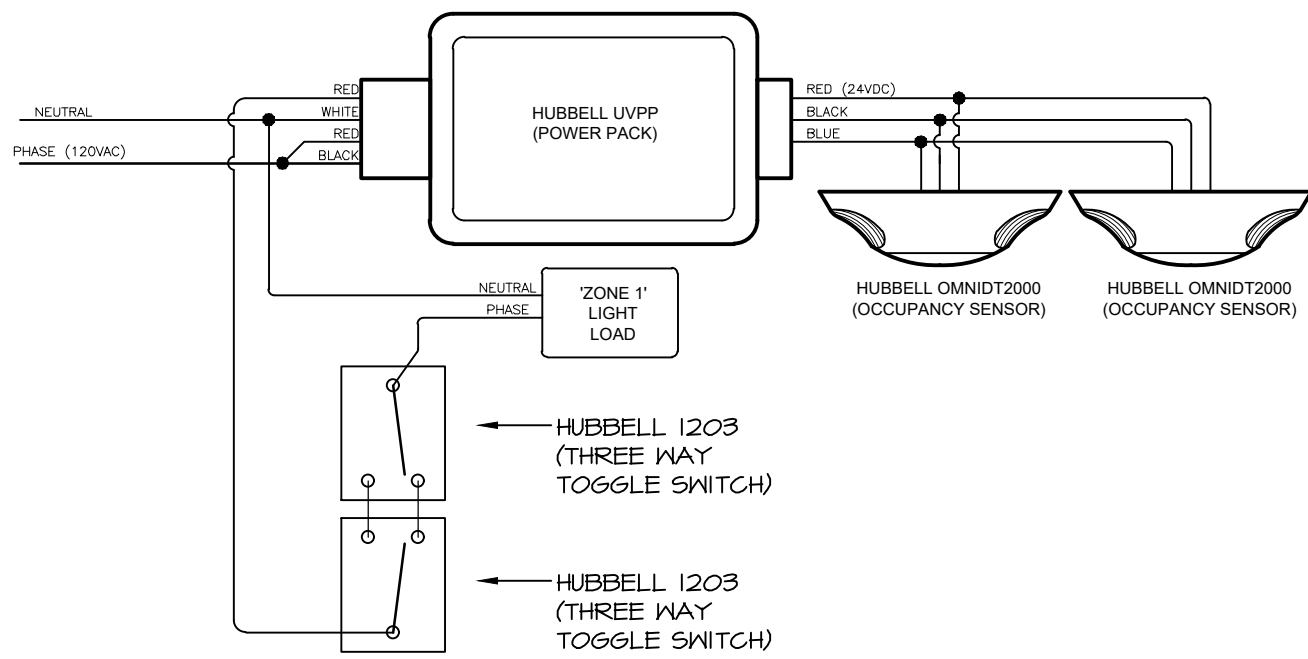


3
E302 EXTERIOR EMERGENCY LIGHTING DETAIL
NOT TO SCALE

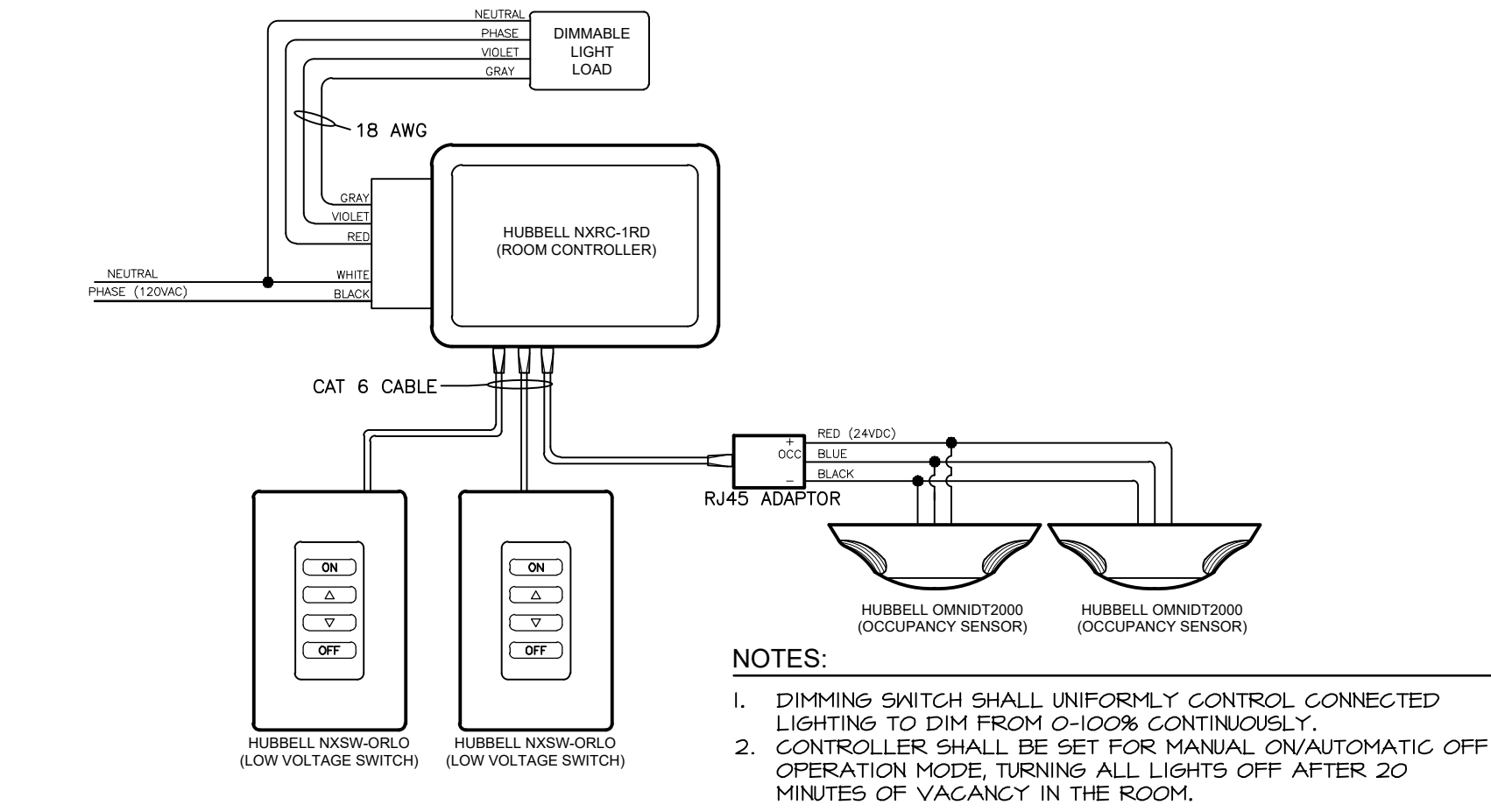
- LIGHTING CONTROL NOTES:
1. ALL LOW-VOLTAGE DEVICES THAT ARE TO BE RECESSED IN WALL/CEILING SHALL BE INSTALLED IN LOW VOLTAGE PVC ELECTRICAL BOX WITH ALL WIRE CONNECTIONS MADE INSIDE BOX.
 2. ALL LOW VOLTAGE DEVICES THAT ARE TO BE SURFACE MOUNTED SHALL BE INSTALLED IN METAL JUNCTION BOX WITH ALL WIRE CONNECTIONS MADE INSIDE BOX.
 3. POWER PACKS AND CONTROLLERS SHALL BE MOUNTED TO 4x4 METAL JUNCTION BOX WITH ALL WIRE CONNECTIONS MADE INSIDE BOX.
 4. ALL LOW VOLTAGE WIRING SHALL BE ISOLATED FROM LINE VOLTAGE CONDUCTORS UNLESS OTHERWISE APPROVED.
 5. GROUND CONDUCTORS OMITTED FROM SCHEMATICS.
 6. ALL CONTROL WIRING AND PROGRAMMING SHALL BE VERIFIED WITH MANUFACTURER.
 7. SHOP DRAWINGS SHALL BE SUBMITTED WITH INTERCONNECTION DIAGRAMS SHOWING WIRING FOR EACH SYSTEM DETAILED. SCHEMATIC SHALL BE PRODUCED, REVIEWED, AND APPROVED FOR PROPER FUNCTIONALITY BY MANUFACTURER REPRESENTATIVE.



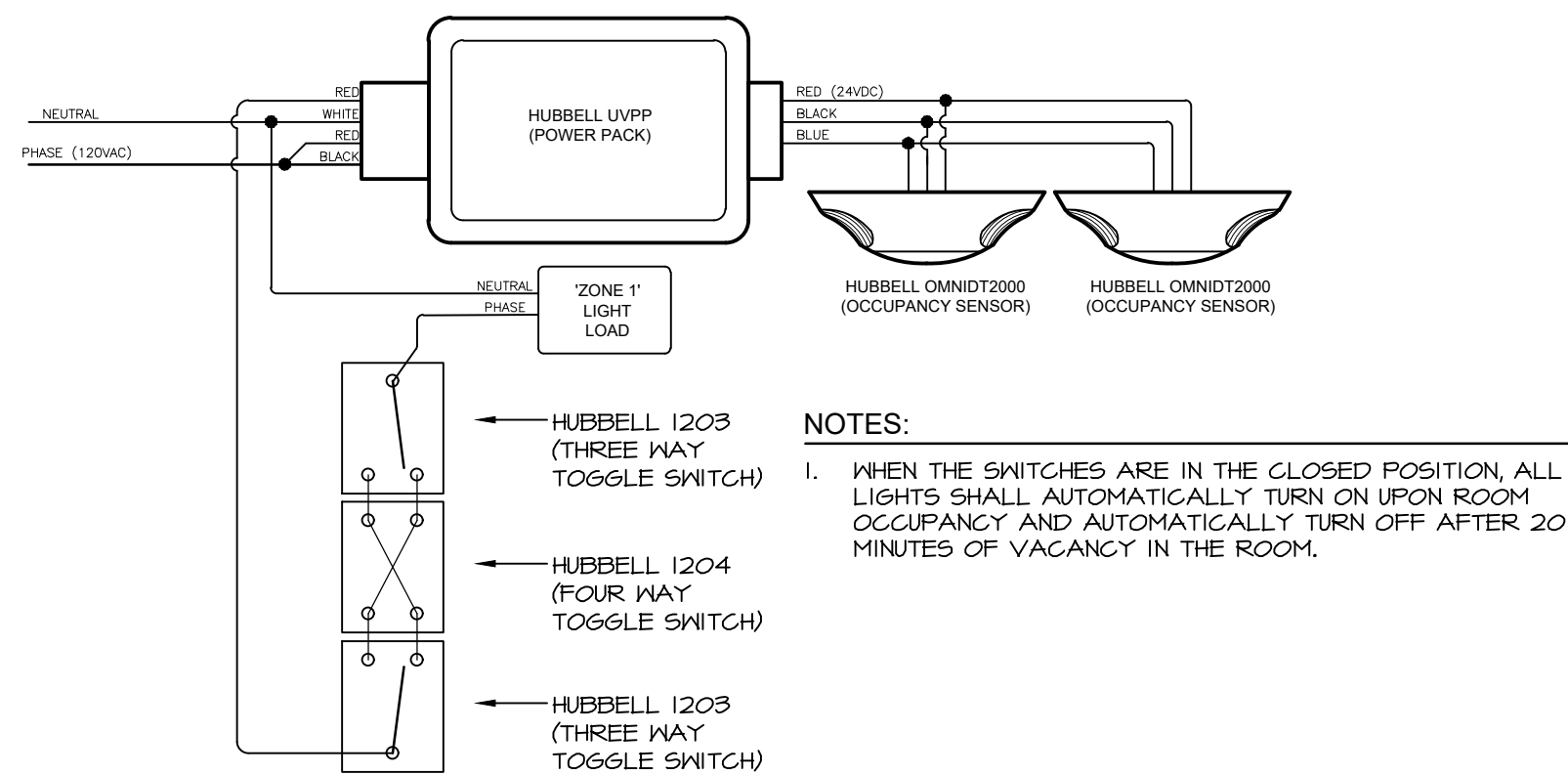
4
E302 CEILING OCC. SENSORS W/ SINGLE POLE SWITCH DETAIL
NOT TO SCALE



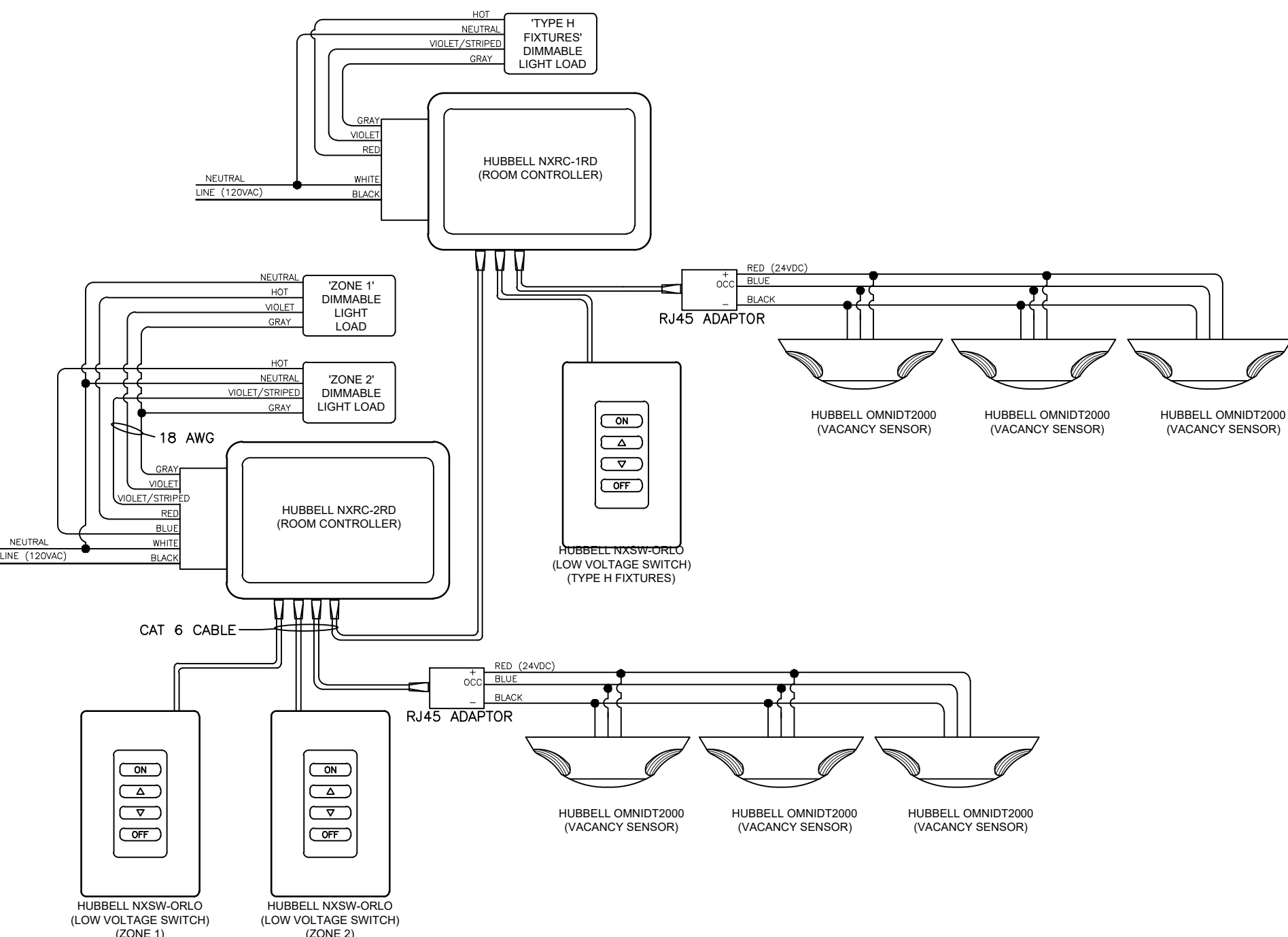
5
E302 CEILING OCC. SENSORS W/ 3-WAY SWITCHING DETAIL



6
E302 CEILING VACANCY SENSOR AND DIMMING SWITCH DETAIL
NOT TO SCALE



1
E302 CEILING OCC. SENSORS W/ 4-WAY SWITCHING DETAIL



- NOTES:
1. (6) CEILING MOUNTED VACANCY SENSORS SHALL CONTROL LIGHTING IN ALL (3) ZONES REGARDLESS OF LOCATION.
 2. NXSW-ORLO DIMMING SWITCHES SHALL UNIFORMLY CONTROL RESPECTIVE LIGHTING ZONE INDIVIDUALLY TO DIM FROM 0-100% CONTINUOUSLY.
 3. CONTROLLERS SHALL BE SET FOR MANUAL ON/AUTOMATIC OFF OPERATION MODE, TURNING ALL LIGHTS OFF AFTER 20 MINUTES OF VACANCY IN THE ROOM.

8
E302 CEILING VACANCY. SENSORS W/ DIMMING SWITCHES (3 ZONES) DETAIL

MA

MITCHELL ASSOCIATES ARCHITECTS

29 THACHER PARK ROAD
VOORHEESVILLE, NY 12186
(518) 765-4511 FAX (518) 765-2550
WWW.MITCHELL-ARCHITECTS.COM

EMERGENCY SERVICE

FACILITIES

CONSULTANTS:
INSITE ENGINEERING SURVEYING
& LANDSCAPE ARCHITECTURE, P.C.
3 GARRET PLACE
CARMEL, NY 10512
(518) 225-9640 FAX: (518) 225-9717

CRAIG A. MALONEY P.E.
STRUCTURAL ENGINEERING CONSULTANT
3 BENEDICT COURT
BALLSTON SPA, NY 12020
(518) 584-4844 FAX: (518) 584-4855

GERARD ASSOCIATES
CONSULTING ENGINEERS, P.C.
MECHANICAL, PLUMBING
AND ELECTRICAL
223 MAIN STREET
GOSHEN, NY 10924
(845) 241-1212
(845) 241-1212

COPYRIGHT 2012
MITCHELL ASSOCIATES ARCHITECTS
UNAUTHORIZED ALTERATION OR ADDITION
TO THIS DOCUMENT IS A VIOLATION OF LAW

NEW STATION FOR PUTNAM VALLEY FIRE STATION #1

OSCAWANA LAKE ROAD
PUTNAM VALLEY, NEW YORK

REVISION HISTORY	
DATE	DESCRIPTION

ELECTRICAL: DETAILS

SCALE: AS NOTED
DWG. BY: KC
DWG. DATE: 8/14/2020
STATUS: BID DRAWINGS

E302