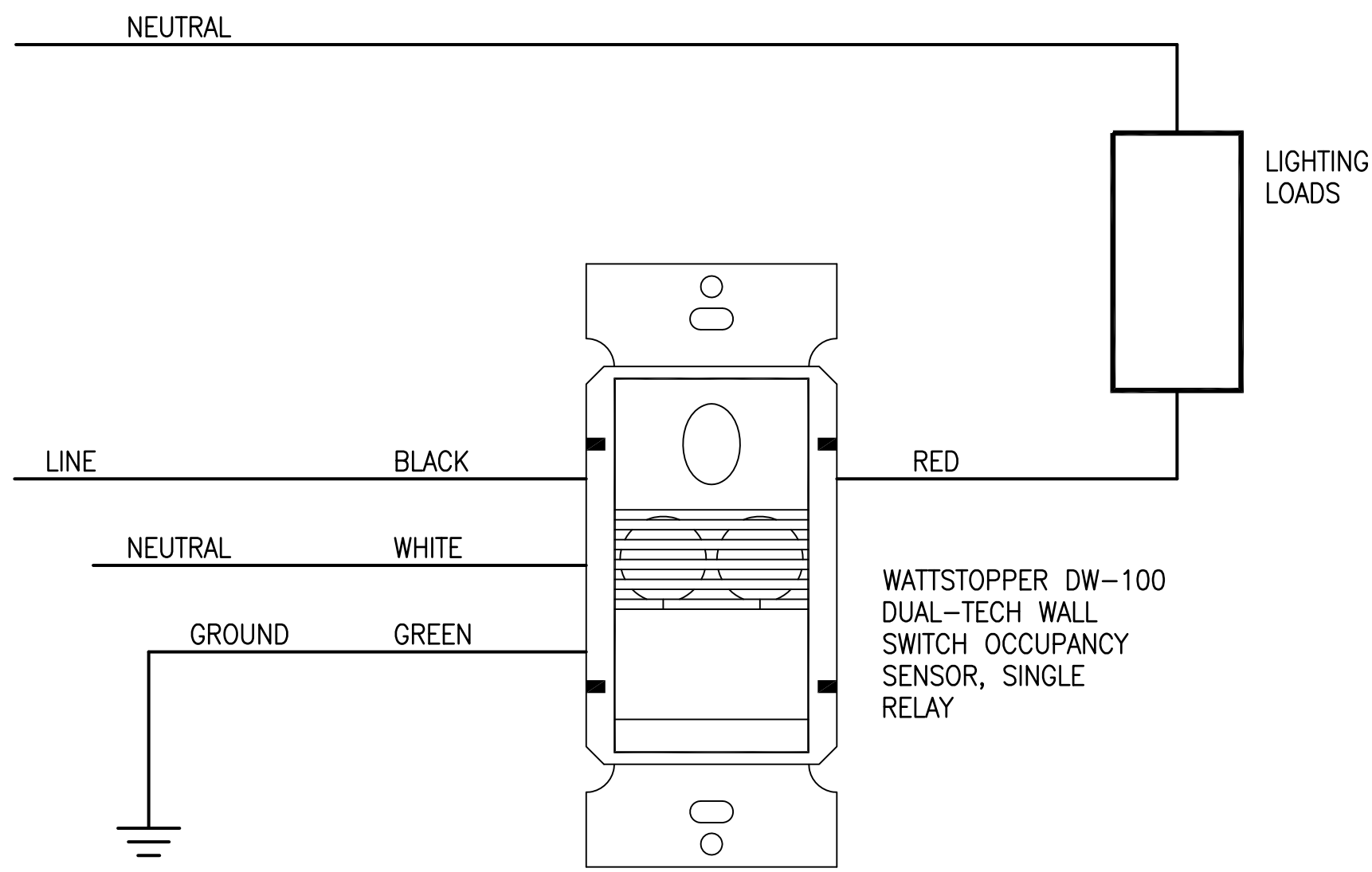
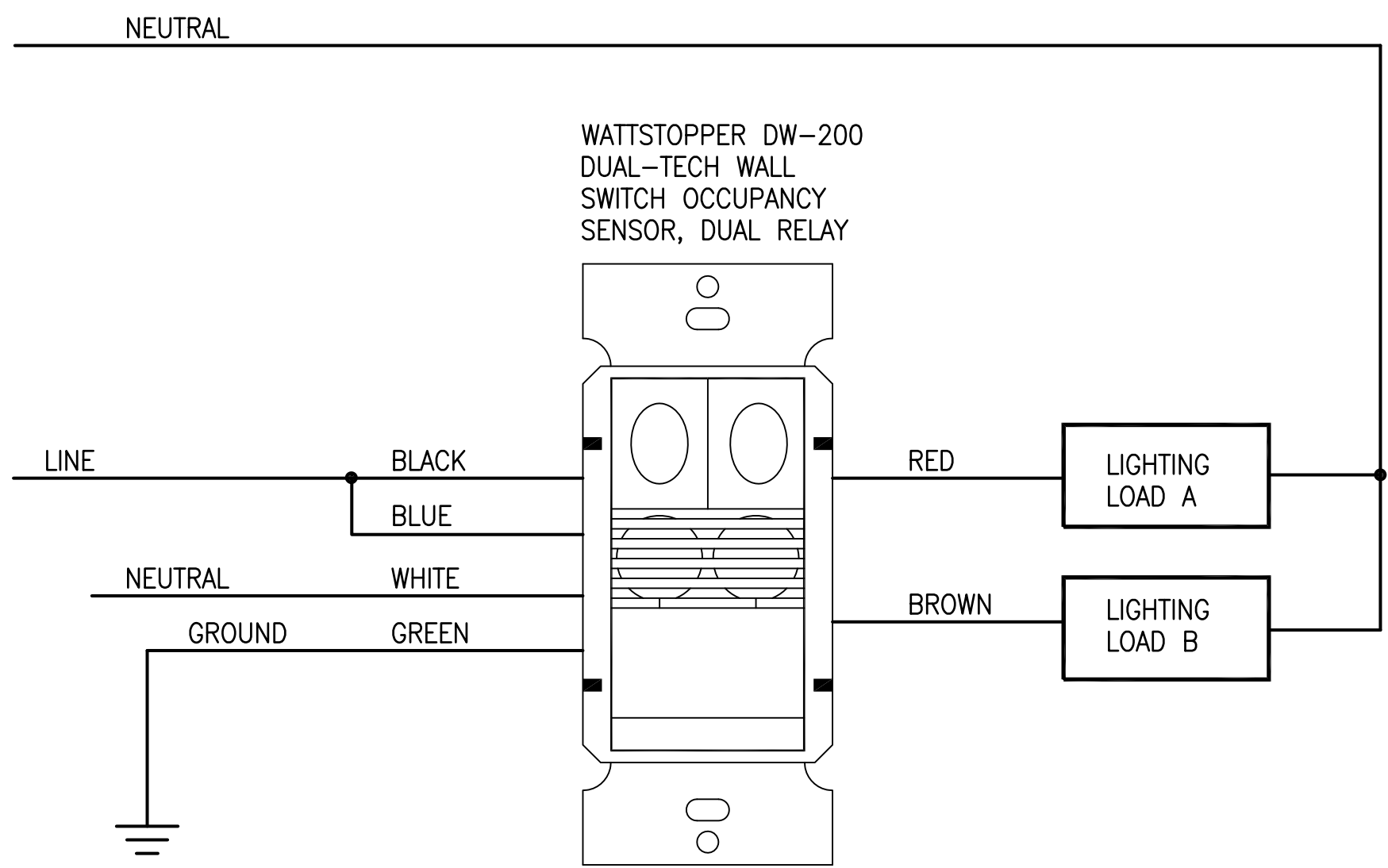


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-M-ART18-01	2022	78	80

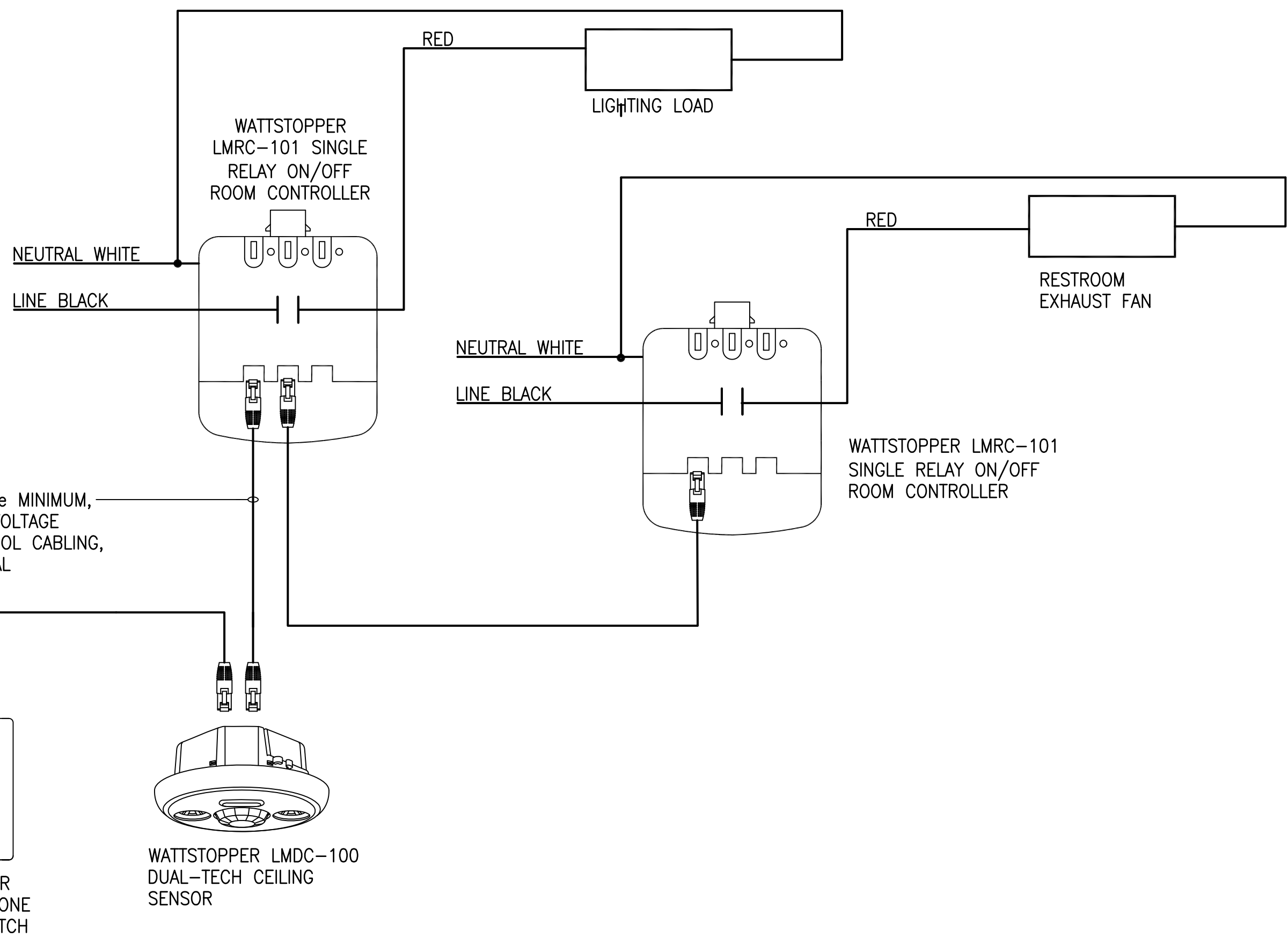


1
E21 NO SCALE
SINGLE RELAY SELF-CONTAINED OCCUPANCY SENSOR/WALL SWITCH CONTROL SCHEMATIC
CLOSET 1, CLOSET 2

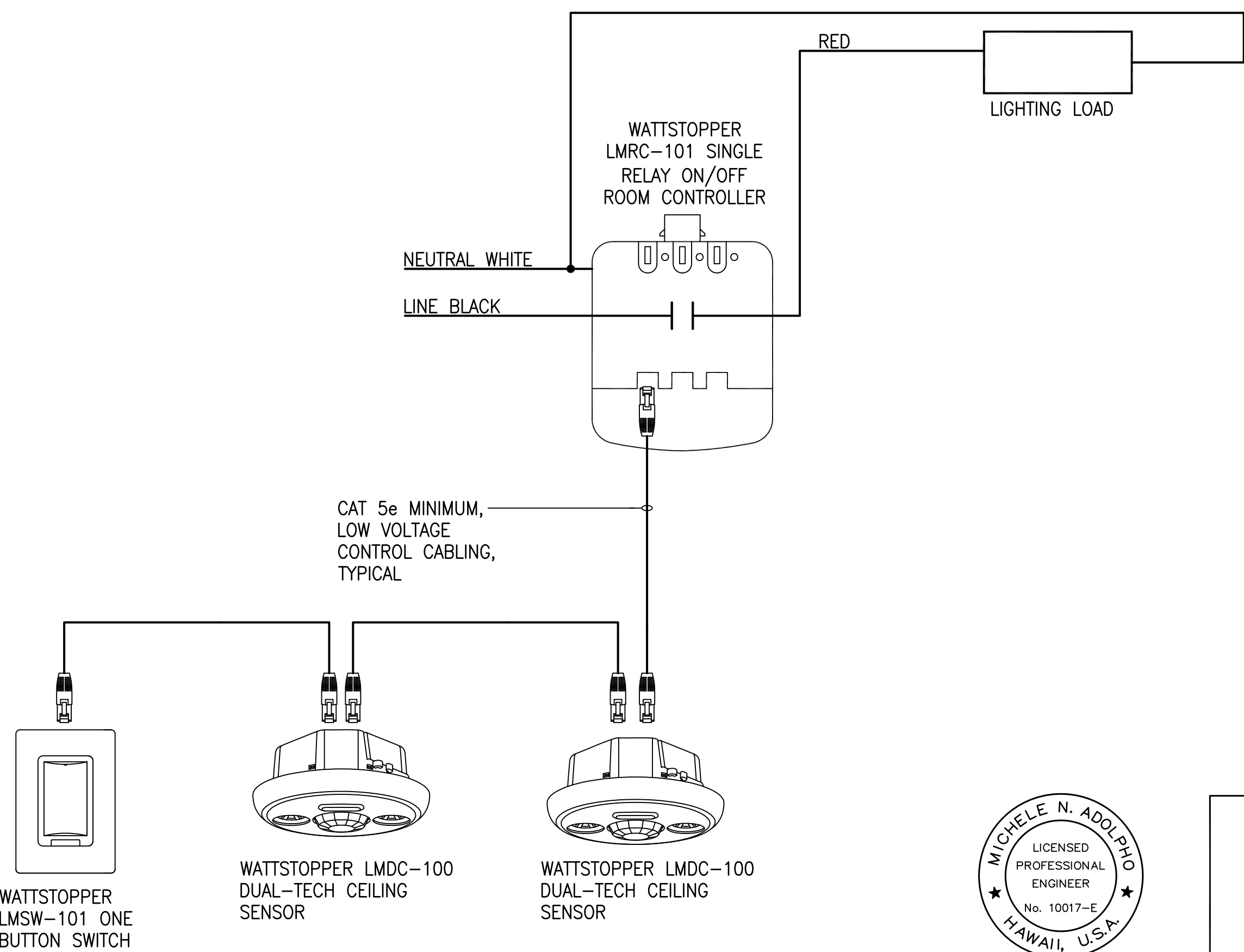


2
E21 NO SCALE
DUAL RELAY SELF-CONTAINED OCCUPANCY SENSOR/WALL SWITCH CONTROL SCHEMATIC
PRIVATE OFFICES

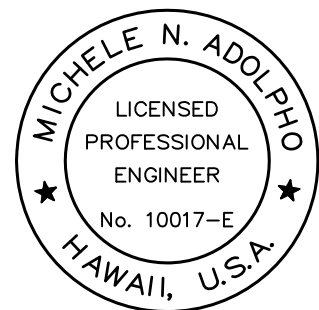
NOTE:
ALL LOW VOLTAGE CONTROL WIRING SHALL BE INSTALLED IN CONDUIT, 3/4" MINIMUM



3
E21 NO SCALE
TYPICAL RESTROOM LIGHTING CONTROL SCHEMATIC - NEW OFFICE BUILDING



4
E21 NO SCALE
TYPICAL HALLWAY LIGHTING CONTROL SCHEMATIC



Michele N. Addipho
PROJECT ENGINEER for ECS, Inc.
APRIL 30, 2024
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

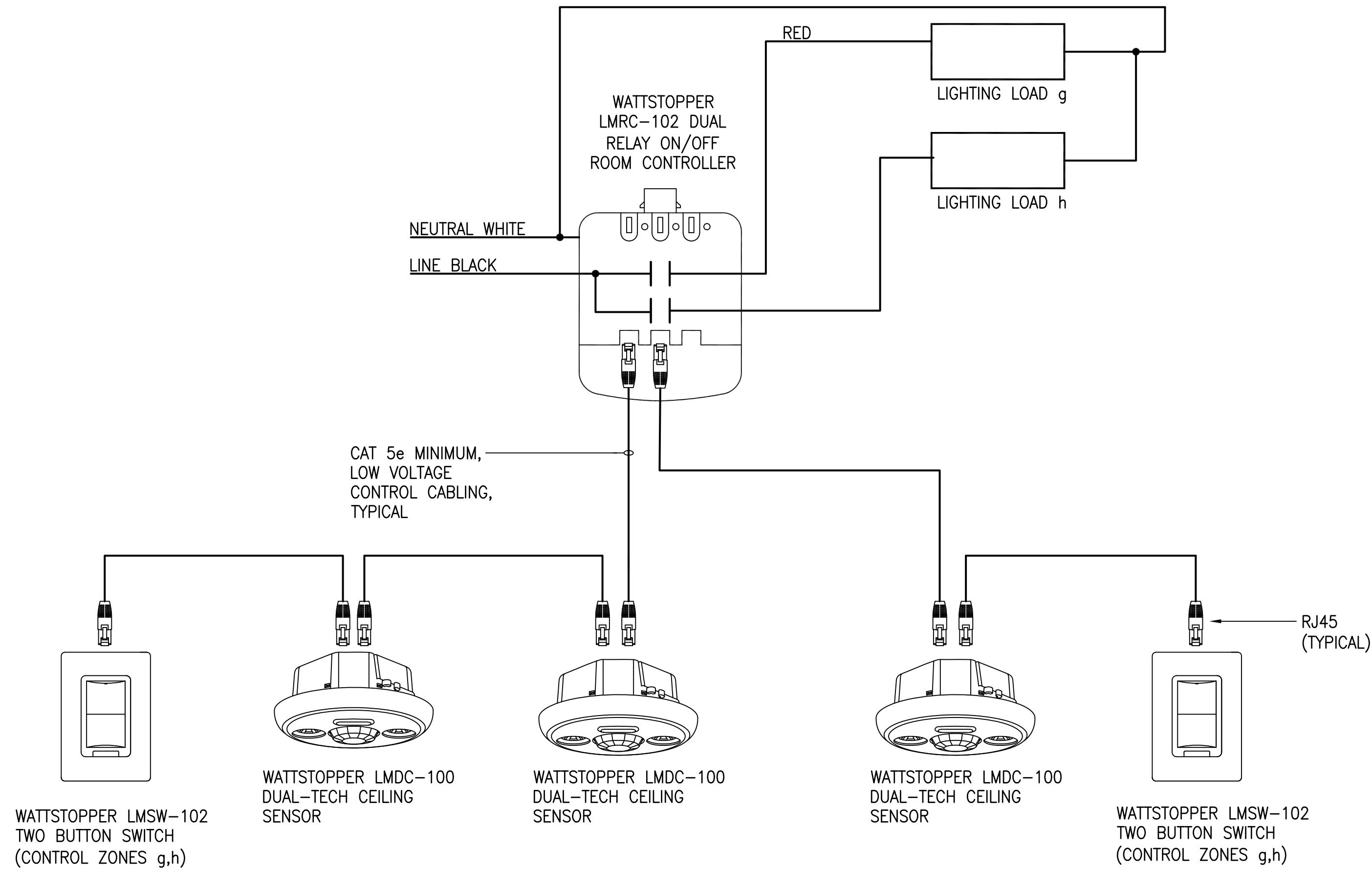
LIGHTING CONTROL SCHEMATIC DIAGRAMS - 1

MAUI DISTRICT BASEYARD
Project No. HWY-M-ART18.01
Scale: AS SHOWN Date: MAY 2022

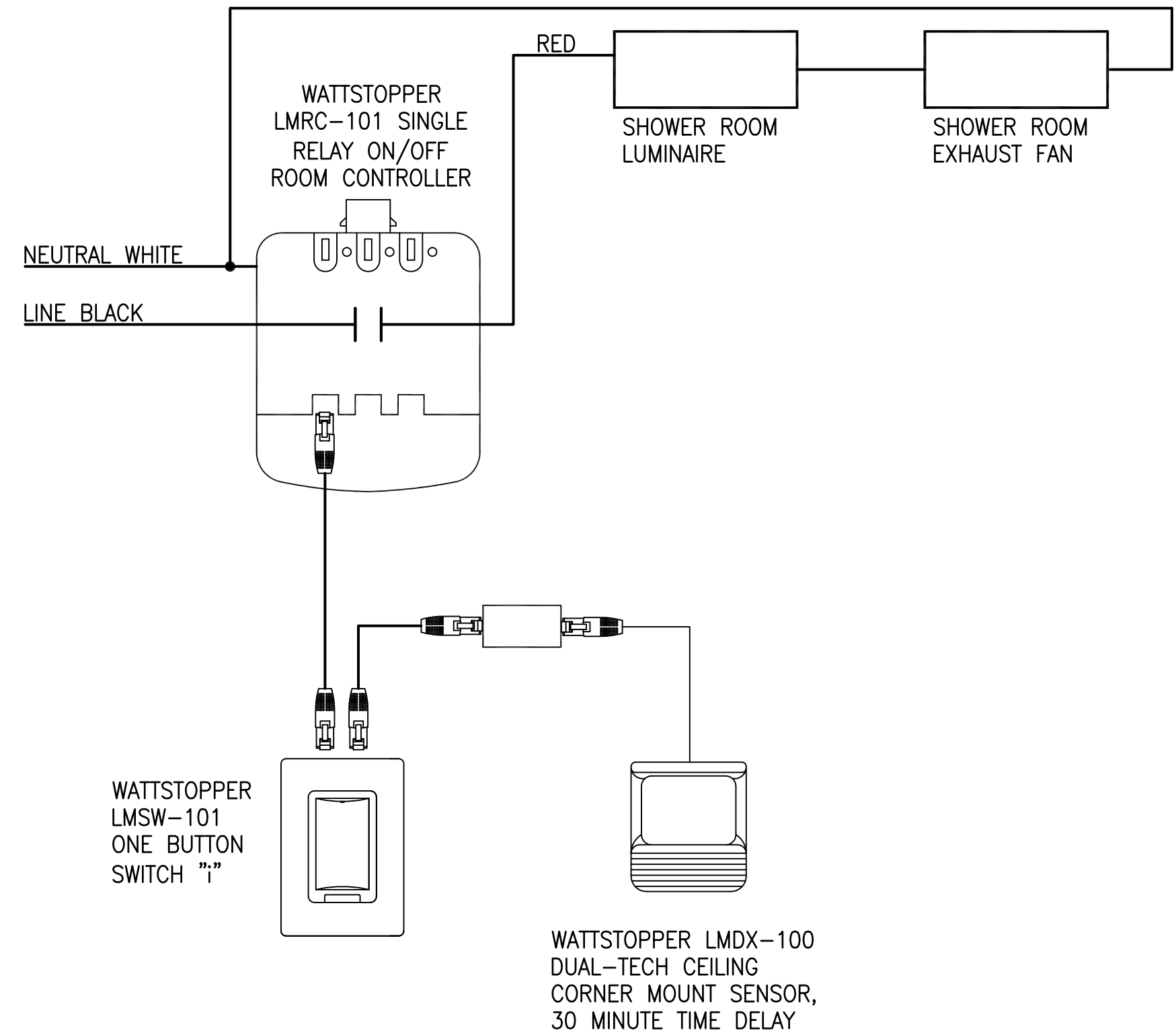
SHEET No. E21 OF 80 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-M-ART18-01	2022	79	80

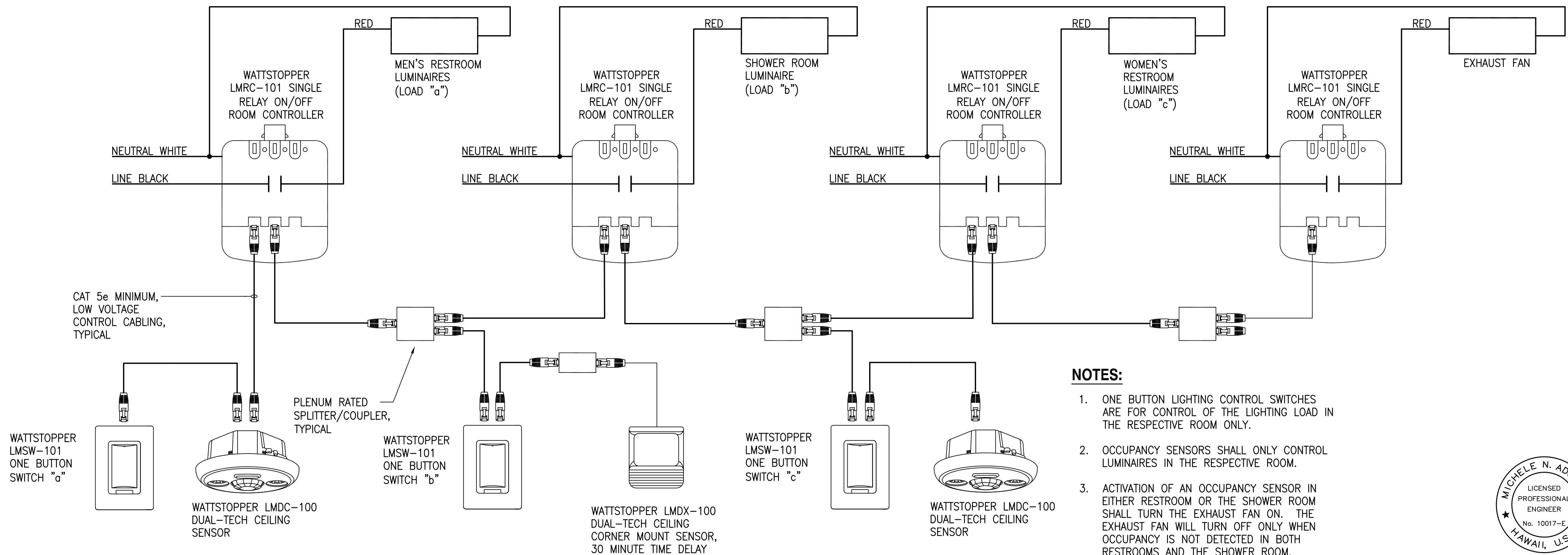
NOTE:
ALL LOW VOLTAGE CONTROL WIRING SHALL BE INSTALLED IN CONDUIT, 3/4" MINIMUM



1 OPEN OFFICE/CONFERENCE LIGHTING CONTROL SCHEMATIC
E22 NO SCALE

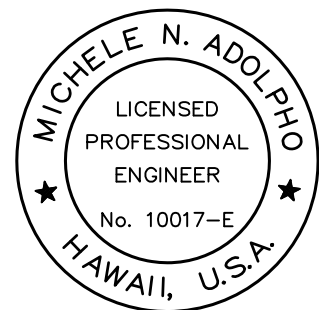


2 SHOWER ROOM LIGHTING CONTROL SCHEMATIC - NEW OFFICE BUILDING
E22 NO SCALE



3 RESTROOM LIGHTING CONTROL SCHEMATIC - EXISTING OFFICE BUILDING
E22 NO SCALE

- NOTES:**
- ONE BUTTON LIGHTING CONTROL SWITCHES ARE FOR CONTROL OF THE LIGHTING LOAD IN THE RESPECTIVE ROOM ONLY.
 - OCCUPANCY SENSORS SHALL ONLY CONTROL LUMINAIRES IN THE RESPECTIVE ROOM.
 - ACTIVATION OF AN OCCUPANCY SENSOR IN EITHER RESTROOM OR THE SHOWER ROOM SHALL TURN THE EXHAUST FAN ON. THE EXHAUST FAN WILL TURN OFF ONLY WHEN OCCUPANCY IS NOT DETECTED IN BOTH RESTROOMS AND THE SHOWER ROOM.



Michele N. Adolpho
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LIGHTING CONTROL SCHEMATIC DIAGRAMS - 2

MAUI DISTRICT BASEYARD
Project No. HWY-M-ART18.01
Scale: AS SHOWN Date: MAY 2022

SHEET No. E22 OF 80 SHEETS