



THE SCHOOL DISTRICT OF PHILADELPHIA

THE SCHOOL DISTRICT OF PHILADELPHIA
Office of Capital Programs
440 North Broad Street, 3rd Floor – Suite 371
Philadelphia, PA 19130

TELEPHONE: (215) 400-4730

Addendum No. 03

Subject: Gen. Phillip Kearny: Contract Nos. 2022-001G, 2022-001E

Location: Gen. Phillip Kearny: 601 Fairmount Avenue Philadelphia, PA 19123

This Addendum dated 24 of February 2022, shall modify and become part of the Contract Documents for the work of this project. Any items not mentioned herein, or affected by, shall be performed strictly in accordance with the original documents.

Clarifications: None

Questions & Answers:

Q1: Specification section 264313-2.2 specifies a service entrance surge protective device (SPD) for the existing to remain main distribution panelboard "MDP". Drawing E3.00 does **not** show a new SDP serving MDP. The floor plans neither identify the location of MDP nor the location of the SPD. Please confirm a new SPD is required for existing MDP.


A1: No new SPD is required at the existing MDP.

Q2: The (2) new panelboards for the project are specified with integral surge protective devices (SPD's) on drawing E4.01. The panelboard spec 262416 does **not** specify SPD's. The SPD details in 264313-2.2 appear to show ratings for a service entrance rated model which is **not** applicable to the integral panelboard SPD's which are at panelboard level and typically have lower ratings. Spec section 264313-2.1A(1) doesn't list any of the panelboard manufacturers as acceptable; the panelboard manufacturers would provide the integral SPD's. Does specification section 264313 apply to the integral panelboard surge protective devices or does another specification need to be provided?

A2: The panelboard manufacturer shall provide the integral SPD (100KA/per phase).

Q3: Drawing E2.01 detail #2 shows fixture type A in Toilet Room 100T. Please confirm this is a typo and the fixture should be type D.

A3: Light fixture in the Toilet Room 100T shall be type "D".

Q4: Drawing E3.01 detail #1 shows a 3-button wall switch Wattstopper #LMSW-103. Please confirm this is the symbol  shown on the floor plans. Please confirm the design intent is to program this LMSW-103 as a dimmer and the 3 buttons should be programmed as toggle on/off (1), dimmer raise (2), and dimmer lower (3).

A4: Confirmed. Refer to Sequence of Operation for additional info.

Q5: For the following zones, should these be digital controls with 1 zone switched room controller? Or should the controls be non-digital per drawing E3.01 detail #4 with momentary low voltage switches, momentary power pack, and non-digital occupancy sensor? Please provide basis of design Wattstopper part numbers for the low voltage switch, occupancy sensor, and power pack/room controller depending on the answer.

- a. Drawing E2.01
 - i. Zone "c" Classroom 107
- b. Drawing E2.02
 - i. Coats 202C
 - ii. Coats 203C

**A5: Classroom 107 - Refer to attached E3.01 for added Lighting Control detail 6/E3.01.
Coats 202C - 4/E3.01 is the applicable detail - Refer to attached E3.01 for updated detail.
Coats 203C - 4/E3.01 is the applicable detail - Refer to attached E3.01 for updated detail.**

Q6: Drawing E2.01 detail #5 shows lighting control in Toilet Room 107T. This room has a line voltage keyed switch **SK**. Drawing E3.01 does not show an applicable detail for this control scenario. Please clarify design intent and basis of design Wattstopper number for the occupancy sensor and possible power pack.

A6: Refer to attached updated E3.01 drawing with added applicable detail 5/E3.01.

Q7: Drawing T1.02 classroom 203 states to provide a new Sapling wireless battery powered clock. Spec section 275313 states to provide Primex clocks because the existing master clock is by Primex. Please confirm we should provide clocks by Primex, and please provide full model # of basis of design clock.

A7: The existing master clock is by Sapling. Provide 12" round analog clocks. Verify model # with existing master clock.

Q8: Please clarify what type of structured cabling is required on this project. Spec 271005-2.4 calls for CAT6, but spec section 2.5 calls for CAT6A. Typically, SDP requires CAT6 enhanced cabling, but recently CAT6A has been specified for some SDP projects.

A8: Provide CAT6 Cable.

Q9: Please confirm Leviton Berktek is an approved manufacturer system for structured cabling.

A9: No, not an approved manufacturer.

Q10: Regarding drawing E0.01 note #17 and general note 6 on E1.01 and E1.02, please confirm painting is in the GC scope.

A10: All painting is in the General Contractor scope of work.

Q11: Drawing ED1.01 and ED1.02 keynote 3 state to test existing receptacles and switch for the window AC unit and replace devices if not functional. This is unbiddable. Since we cannot test these devices prior to the bid, we cannot know whether to account for replacing these devices. Please pick a scenario below to resolve this issue:

- a. Scenario #1: Provide an allowance to the EC bid and EC will provide proposal (or ticket work) during construction for removing/replacing devices.
- b. Scenario #2: Eliminate remove/replacing devices that do not pass scope. Any cables that do not pass, SDP can make a decision during construction on whether to replace them or not under additional cost to the contract.

A11: Remove all work related to these devices from the scope.

Q12: E0.01 general electrical note 13 mentions tamperproof screws for devices. The tamperproof screws are expensive and a lead time. Stainless Steel coverplates come with screws already, so this note is telling us throw those screws out and purchase tamper resistant ones. For surface mounted wiring devices with raised square box covers, not only do the devices have to be attached to the coverplate but there are larger screws which attach the raised cover to the square box ; are all the screws in this scenario supposed to be tamper resistant? Additionally, general note 3 on drawings E1.01 and E1.02 leads us to believe tamper resistant screws are not required. Please confirm this tamper resistant screw requirement can be eliminated because it adds unnecessary complication/lead times for a short construction schedule. If tamper resistant screws are still a requirement, please provide details on type of tamper screw (e.g. button hex head, 6-lobe star etc.).

A12: Provide stainless steel tamper-resistant (proof) screws as noted/specified on sheet E0.01. Provide all required cover plate tamper-resistant screws to ensure design-intent preventions against tampering and unauthorized removal of the corresponding wiring device cover plate. Tamper resistant screws shall be as follows: *Flat-Torx, or Button-Torx* and shall match provided device cover plate and be coordinated by the E.C. with the supplier, e.g. single duplex receptacle outlet cover plate typically will require *Flat-Torx tamper-resistant screw*, and raised square box duplex or quad receptacle outlet cover plate may require *Button-Torx tamper-resistant screw* instead.

Q13: Demo plan 5/AD1.01 shows a Note 5 to remove the existing bookcase/counter. New plan 5/A1.01 also indicates by Note 14 that the existing bookcase is to remain. The elevations 18 and 19 show new bookshelf base cabinets, and detail 8/A8.30 details new finished wood cabinets and a solid surface top. Please confirm if these 5 cabinets and the counter are existing to remain or new.

A13: The existing bookcase/counter in room #107 should be demolished as shown on plan 5 on sheet AD1.01 and replaced with a new bookshelf as per plan 5 on sheet A1.01 and elevations 18 and 19 on sheet A6.01. Please delete Keynote 14 pointing to this bookcase/counter on plan 5 on sheet A1.01.

CHANGES TO SPECIFICATIONS: None

CHANGES TO DRAWINGS:

Kearny: A1.01 Architectural Plans – 1st Floor: Remove keynote 14 in room #107 that points to the new bookcase/counter.

Kearny: E3.01 Details- Electrical: Changes to details

ATTACHMENTS:

E3.01 - Drawing dated February 24, 2022:

End of Addendum 03

SEAL:

NAME: KEVIN BLACKNEY
PA. No. 000834 DATE: 7/1/2022

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BID SUBMISSION
01/21/2022

10	
9	
8	
7	
6	2.24.22 ADDENDUM 3
5	1.21.22 BID SUBMISSION
4	2.03.21 BID SET
3	1.15.21 PRICING SET
2	9.24.21 DD SET
1	9.10.21 PROGRESS SET
NO. DATE	REVISION

SCHOOL & LOCATION
**GEN. PHILLIP KEARNY
ELEMENTARY SCHOOL**
601 FAIRMOUNT AVE.
PHILADELPHIA, PA 19123

PROJECT TITLE
**SDP Classroom
Modifications Kearny**

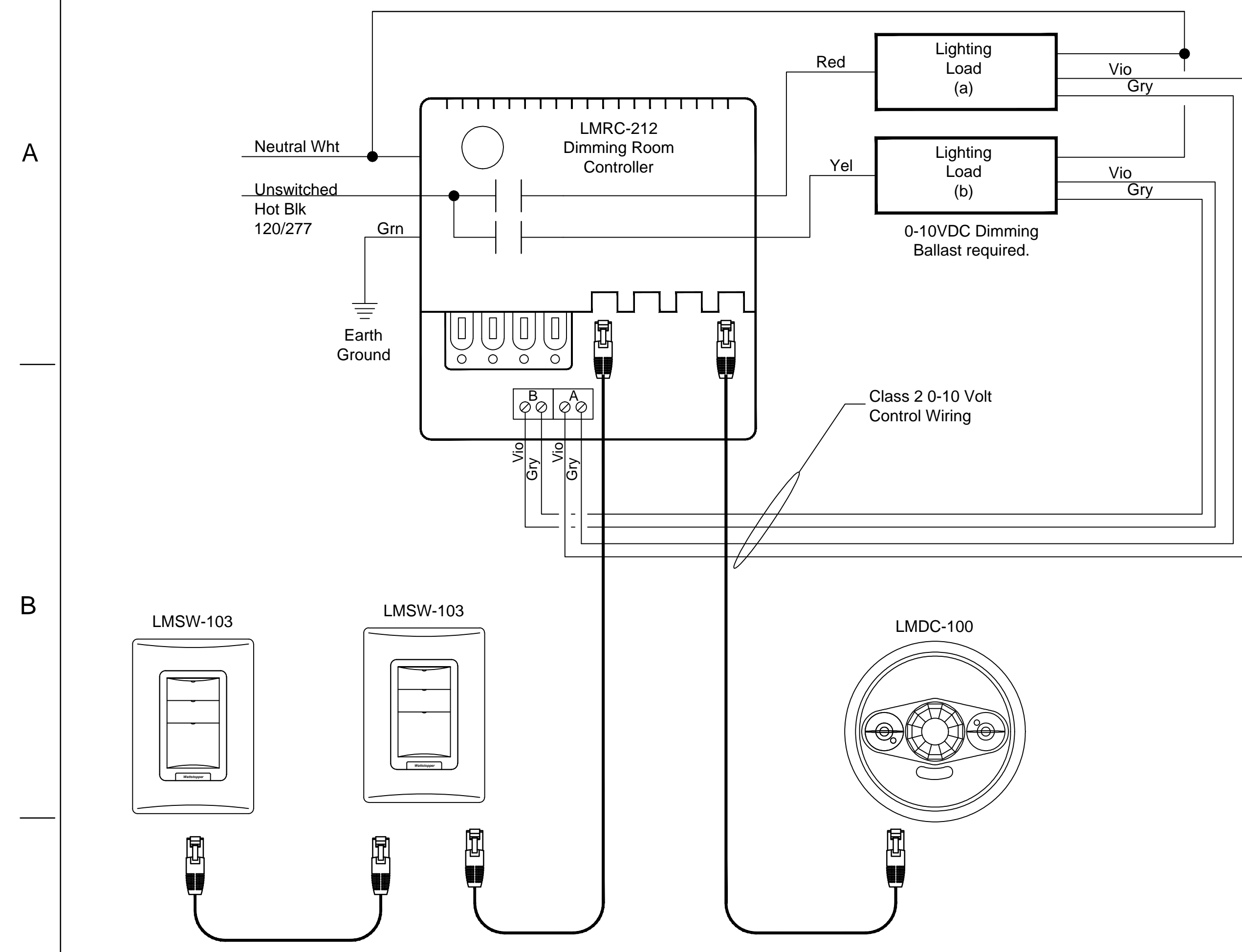
DRAWING TITLE
DETAILS - ELECTRICAL

DRAWING SCALE
As Indicated

LOCATION NO.	FILE NO.
21-098	
DRAWN BY	CHECKED BY
DGW	GSP

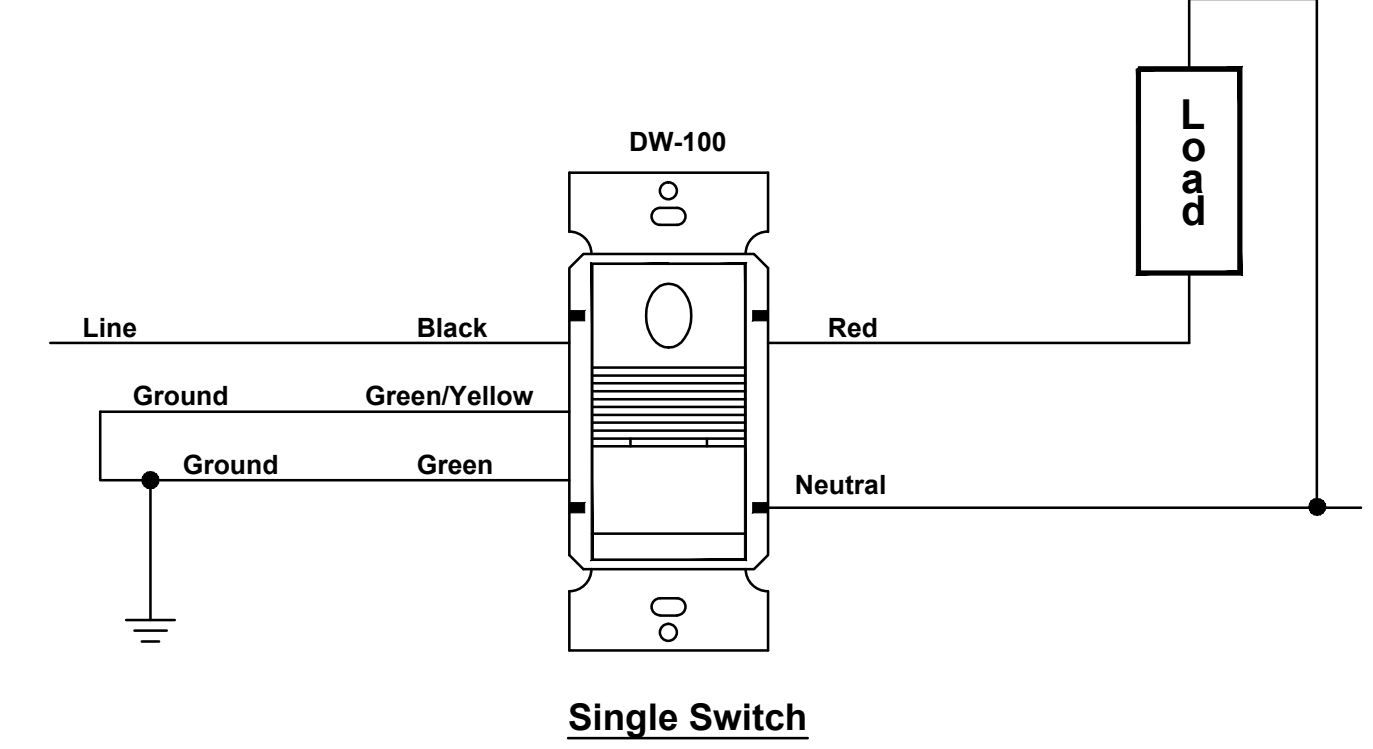
SDP Contract No.:
**General Contract: 2022-001-G
Electrical Contract: 2022-001-E**

DRAWING NO.
E3.01



**1 LIGHTING CONTROL DETAIL
TYPICAL CLASSROOM**

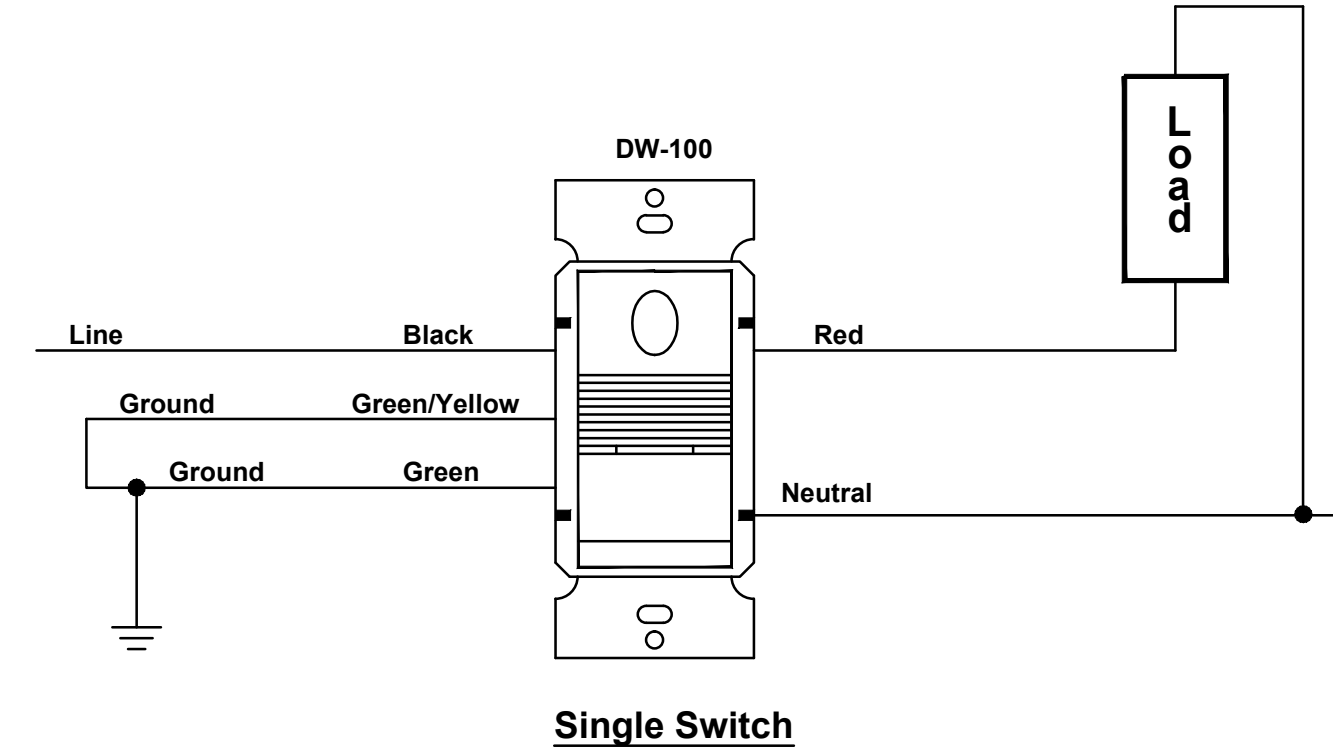
SCALE: NONE
SEQUENCE OF OPERATION
1. LIGHTING AUTO ON TO 50% WHEN OCCUPANCY DETECTED.
2. LIGHTING IS MANUALLY CONTROLLED - ON/OFF/DIMMING WITH WALL SWITCHES.
3. LIGHTING WILL AUTO OFF AFTER 20 MINUTES OF OCCUPANTS LEAVING.



SMALL TOILET ROOMS

2 WALL SWITCH OCCUPANCY SENSOR

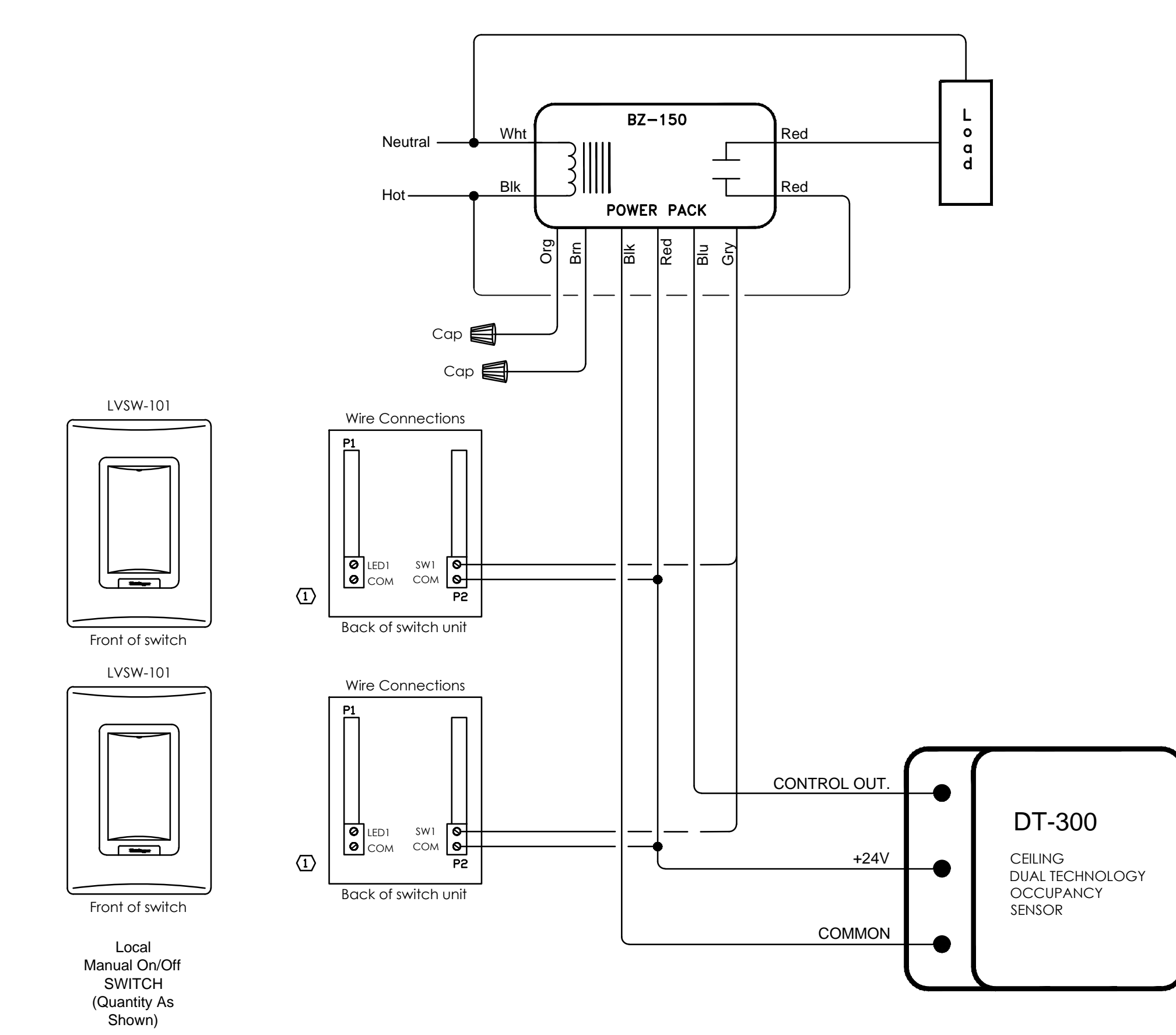
SCALE: NONE
SEQUENCE OF OPERATION
1. LIGHTING WILL AUTO ON 100%.
2. LIGHTING IS MANUALLY CONTROLLED ON/OFF WITH VACANCY SENSOR SWITCH.
3. LIGHTING WILL AUTO OFF AFTER 20 MINUTES OF OCCUPANTS LEAVING.



UTILITY ROOMS

3 WALL SWITCH VACANCY SENSOR

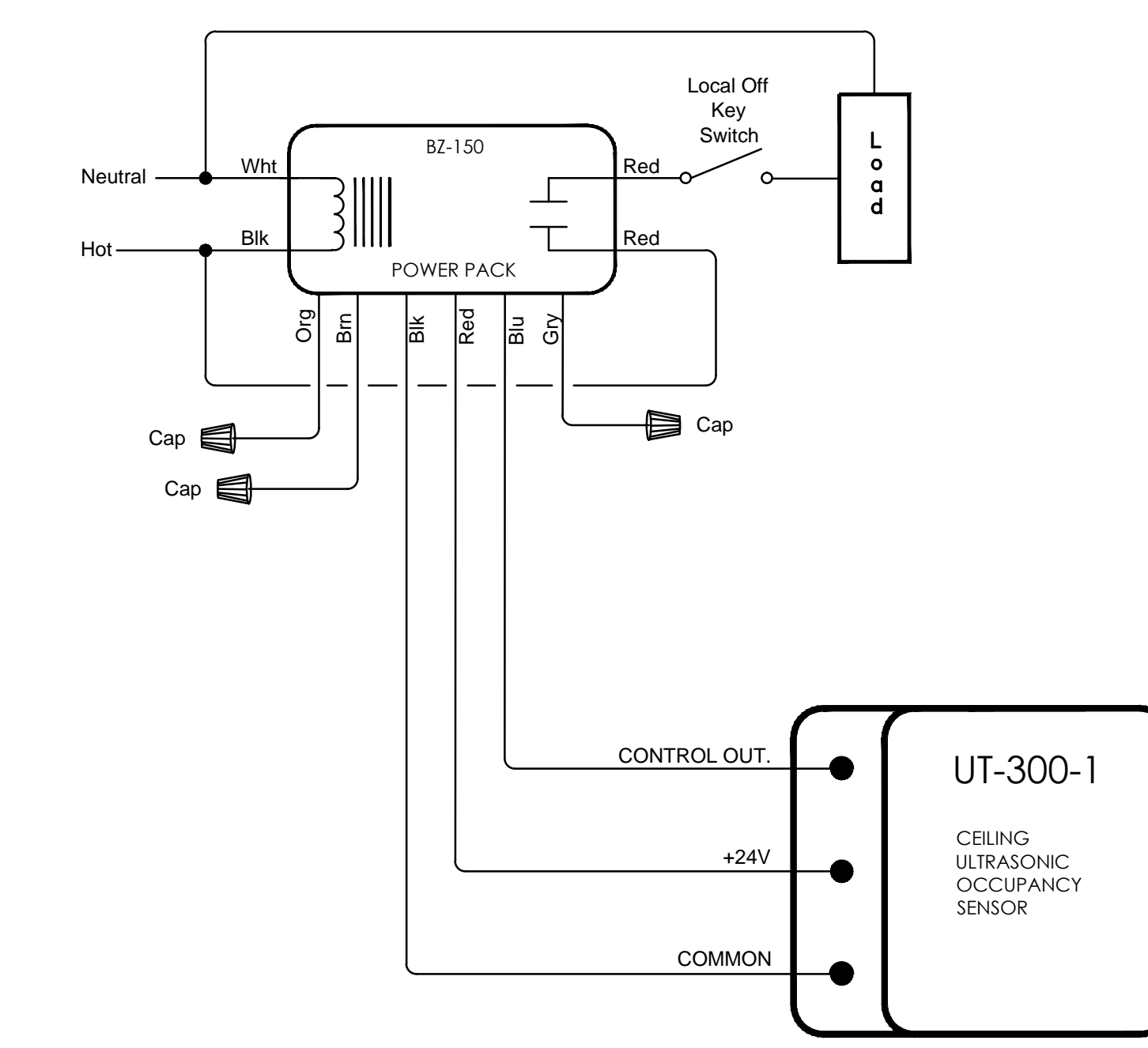
SCALE: NONE
SEQUENCE OF OPERATION
1. LIGHTING IS MANUALLY CONTROLLED ON/OFF WITH VACANCY SENSOR SWITCH.
2. LIGHTING WILL AUTO OFF AFTER 20 MINUTES OF OCCUPANTS LEAVING.



UTILITY ROOMS

**4 TYPICAL LIGHTING CONTROL DETAIL
VACANCY SENSORS**

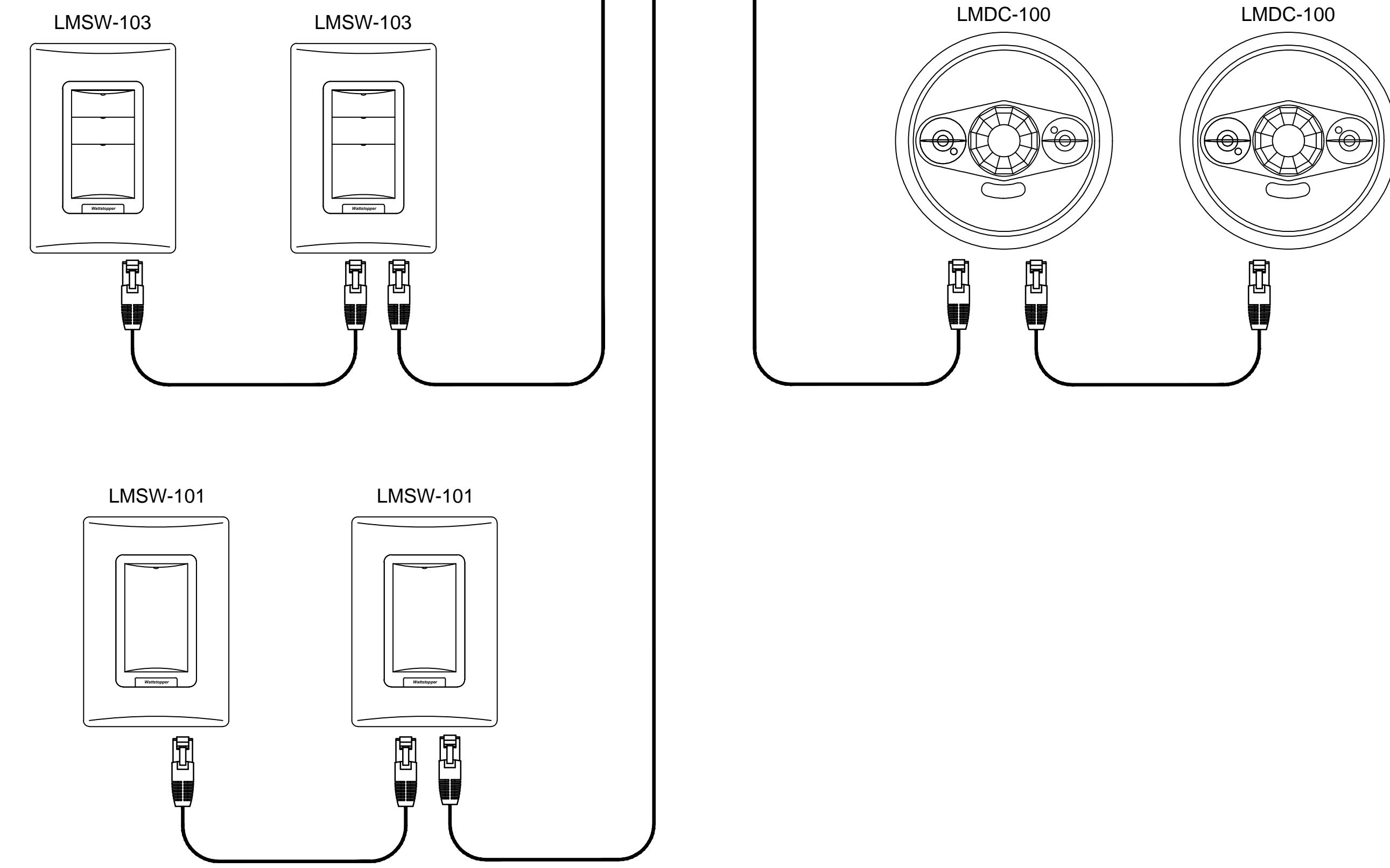
SCALE: NONE
SEQUENCE OF OPERATION
1. MANUAL ON; OVERRIDE OFF WITH SWITCH.
2. AUTO OFF ALL LIGHTING AFTER 20 MINUTES OF OCCUPANTS LEAVING.



TOILET ROOMS

5 SINGLE OCCUPANCY SENSOR CONTROL DETAIL

NOT TO SCALE
SEQUENCE OF OPERATION
1. LIGHTING AUTO ON TO 100% WHEN OCCUPANCY DETECTED.
2. MANUAL OFF WITH SWITCH.
3. AUTO OFF ALL LIGHTING AFTER 20 MINUTES OF OCCUPANTS LEAVING.



**6 LIGHTING CONTROL DETAIL
CLASSROOM #107**

SCALE: NONE
SEQUENCE OF OPERATION
1. LIGHTING AUTO ON TO 50% WHEN OCCUPANCY DETECTED.
2. LIGHTING (ZONE A AND B) IS MANUALLY CONTROLLED - ON/OFF/DIMMING WITH WALL DIMMING SWITCHES.
3. LIGHTING (ZONE C) IS MANUALLY CONTROLLED - ON/OFF WITH WALL SWITCHES.
4. LIGHTING WILL AUTO OFF AFTER 20 MINUTES OF OCCUPANTS LEAVING.

BASIS OF DESIGN - WATT STOPPER
ACCEPTABLE EQUAL SUBSTITUTIONS: HUBBELL; LEVITON