

INSTALLATION INSTRUCTIONS

943 LINE STUD WALL CONSTRUCTION

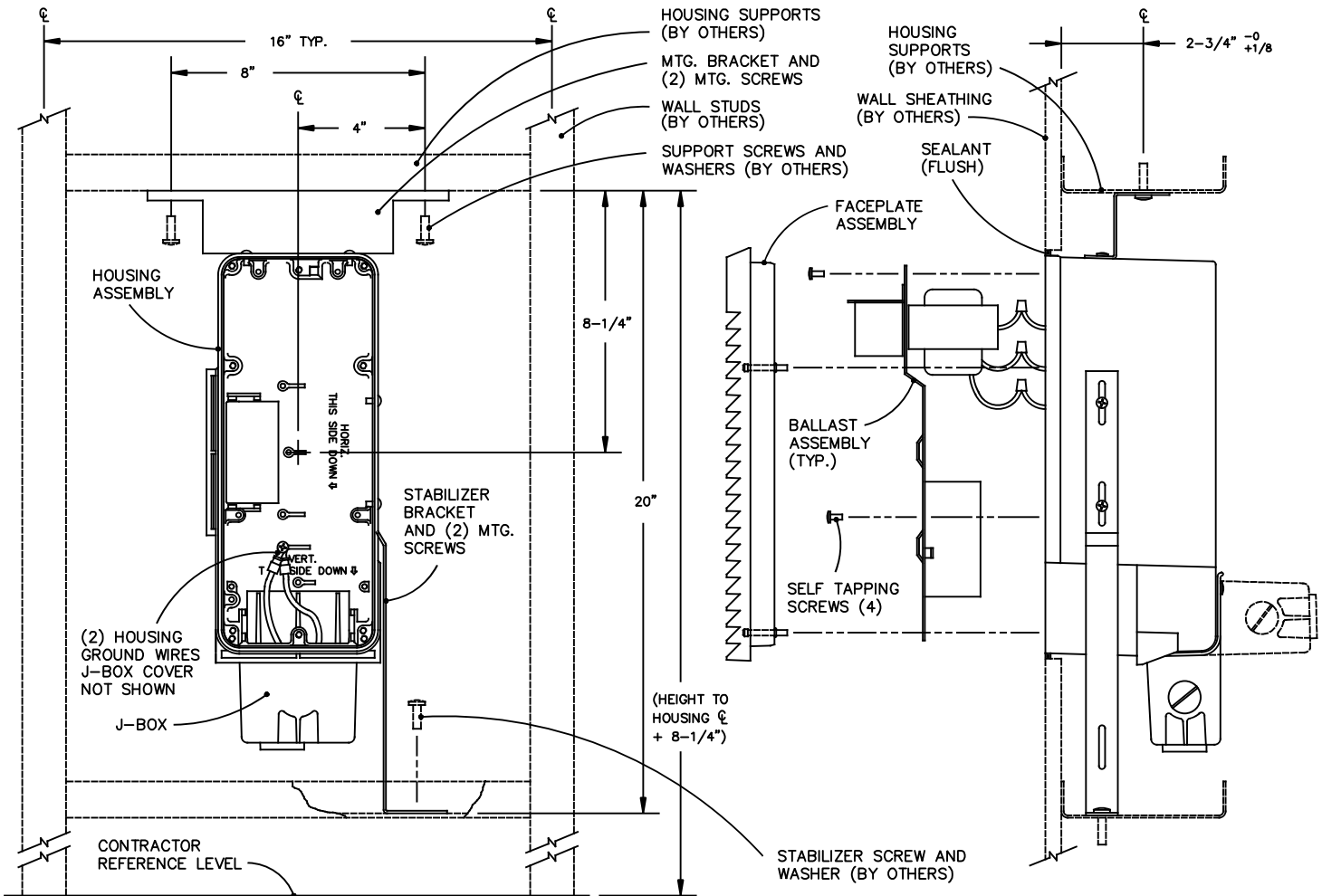


FIG. 1

FIG. 2

(SEE OTHER SIDE FOR INSTRUCTIONS)

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THESE INSTRUCTIONS APPLY TO MODEL 943 LUMINAIRES TO BE INSTALLED IN INSULATED STUD TYPE WALLS.

IMPORTANT!

BE SURE ALL POWER IS OFF PRIOR TO INSTALLING FIXTURES. READ ALL INSTRUCTIONS BEFORE PERFORMING ANY WORK

Housing Installation

1. Remove the housing assembly and mounting kit from carton.
2. Attach mounting bracket from mounting kit to housing per fig. 1 using screws on housing, open end of slots face towards rear of housing.
3. Attach stabilizer bracket per fig. 1 using screws on housing.
4. The j-box was positioned at the factory for most stud wall installations. If necessary, prior to installation, reposition j-box per fig. 2 to custom fit requirements.
5. Use dimensions provided by site contractor and figs. 1 and 2 to pre-locate housing supports. Suggest fabricating supports using scrap wall stud material.
6. Position, level, and install the housing supports from step 5 between wall studs per figs. 1 and 2. Insure supports are level front to back as well as side to side.
7. Install support screws and washers, supplied by others, to housing supports just installed. Locate and space per figs. 1 and 2 and site contractor dimensions. Do not fully tighten.
8. Hang housing assembly on support screws per fig. 2, positioning front of housing flush with out-side finish surface of wall sheathing, (drywall, wood, etc.). Use small scrap piece of actual sheathing as a guide. (Sheathing to be installed later by others.)
9. Tighten support screws and install stabilizer screw to secure housing to structure.
10. Install conduit, if used, to j-box 3/4 NPT threaded conduit connections. Only remove the plugs necessary to do the installation.
11. Supply circuit wiring to be installed per NEC or applicable local codes.
12. Install sheathing. Keep gap between housing edges and sheathing no greater than 1/8".
13. Seal gap between outer edge of housing and sheathing with silicone RTV or equivalent. See fig. 2.

IMPORTANT! AT ALL TIMES WIRING TO BE DONE PER THE NEC OR APPLICABLE LOCAL CODES.

Wiring, Ballast Assembly, and Face Plate Installation

1. Remove ballast assembly and face plate assembly from shipping carton.
2. Disconnect j-box cover plate from inside of housing assembly.
3. Connect one of the two housing ground pigtails (green) to the supply circuit ground lead and the other pigtail to the ballast assembly ground lead.
4. Connect the ballast tray phase lead (black) and neutral lead (white) to the supply circuit phase and neutral leads.
5. Dress excess wiring and push into j-box. Reinstall j-box cover to completely cover splices.
6. Attach ballast assembly into housing per fig. 2 using (4) self tapping screws provided in the housing. Insure wiring does not interfere with ballast.
7. Install appropriately rated lamp (by others) into socket.
8. Install face plate with mounting screws per fig. 2. Be sure mounting screws are snug, but do not over tighten. When installing the open face plate, take note of the arrow on the back indicating orientation.
9. The circuit is now ready to energize.

(SEE OTHER SIDE FOR FIGURES)

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