

INSTALLATION INSTRUCTIONS

942 LINE STUD WALL CONSTRUCTION

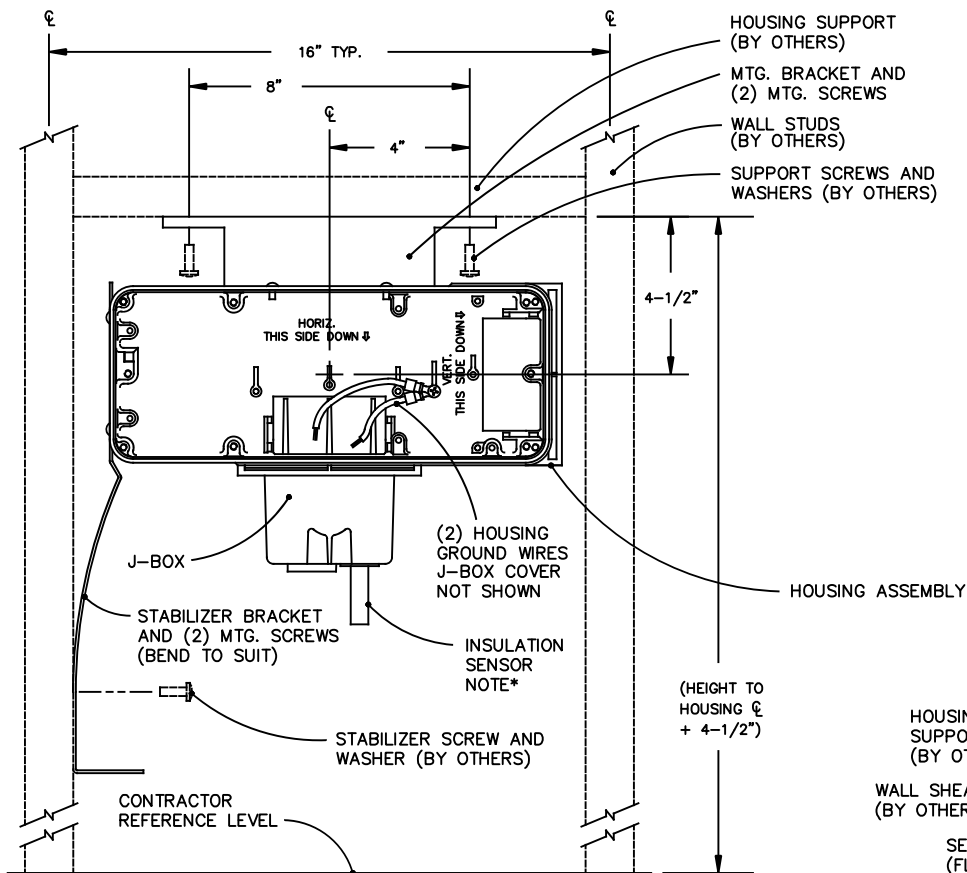


FIG. 1

NOTE* WIRE PER FIG. 3.
SENSOR PRE-WIRED TO
J-BOX COVER AT FACTORY
DO NOT DISCONNECT!

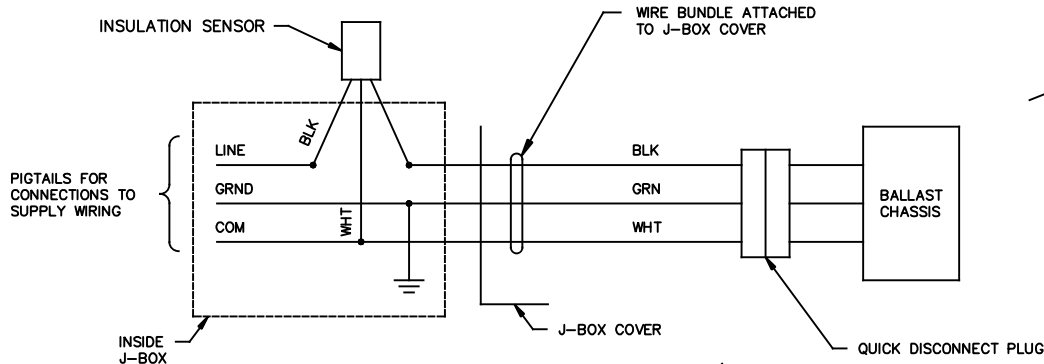


FIG. 3

INSULATION SENSOR WIRING DIAGRAM

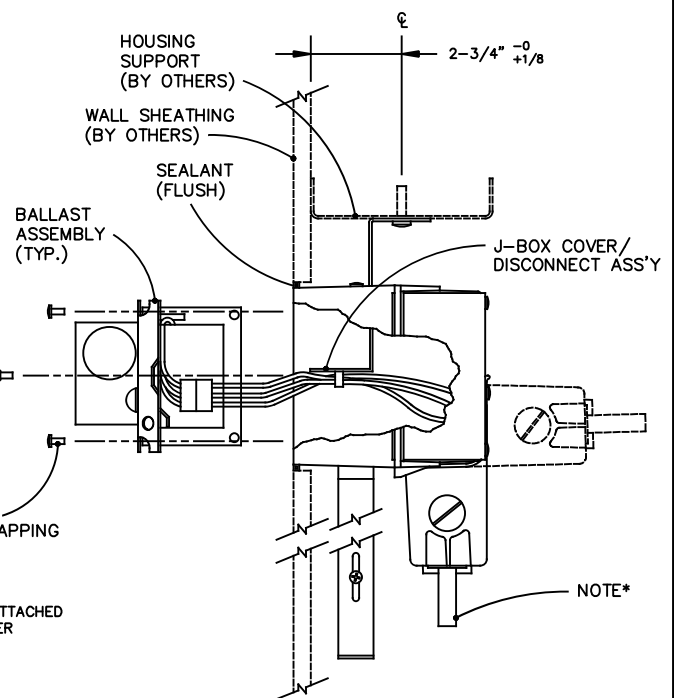


FIG. 2

(D)

(SEE OTHER SIDE FOR INSTRUCTIONS)

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942 LINE STUD WALL CONSTRUCTION

THESE INSTRUCTIONS APPLY TO MODEL 942 LUMINAIRES TO BE INSTALLED IN NON-INSULATED STUD TYPE WALLS.

IMPORTANT!

BE SURE ALL POWER IS OFF PRIOR TO INSTALLING FIXTURES. READ ALL INSTRUCTIONS BEFORE PERFORMING ANY WORK. DO NOT INSTALL INSULATION WITHIN 3 INCHES OF FIXTURE SIDES OR WIRING COMPARTMENT, NOR ABOVE FIXTURE IN SUCH A MANNER TO ENTRAP HEAT.

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 support. Suggest fabricating support using scrap wall stud material.
6. Position, level, and install the housing support from step 5 between wall studs per figs. 1 and 2. Insure support is level front to back as well as side to side.
7. Install support screws and washers, supplied by others, to housing support 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 outside 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/quick disconnect assembly from inside of housing assembly.
3. Connect the housing ground pigtail (green) and the j-box cover/disconnect assembly ground pigtail to the supply circuit ground lead per fig. 3.
4. Connect the insulation sensor phase lead (black) and j-box cover neutral lead (white) to the supply circuit phase and neutral leads per fig. 3. Connect the ballast tray and housing ass'y quick disconnect plug and socket per fig. 3..
5. Dress excess wiring and push into j-box. Reinstall j-box cover to completely cover sensor splices. The remaining wire and disconnect plug/socket assembly will remain in housing.
6. Attach ballast assembly into housing per fig. 2 using (4) self tapping screws provided in the housing. Insure wiring does not interfere with ballasts when tray is installed.
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.

(D)
(SEE OTHER SIDE FOR FIGURES)

