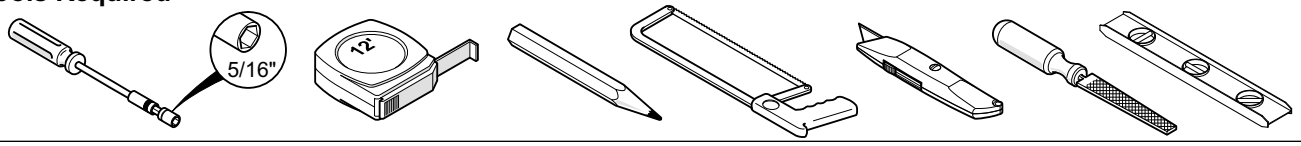
# RACE® POWER BASE™

## Infeeds

Installation Instructions

**Tools Required**



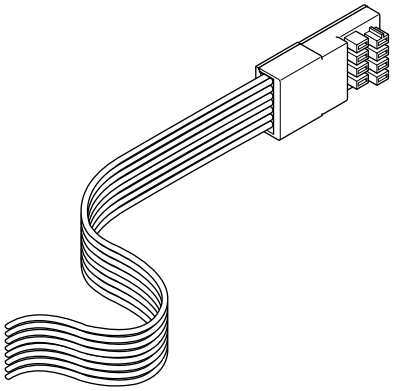

**NOTE:** Connection of panels to the permanent wiring of the building MUST be done by a licensed electrician, who must control the size, voltage drop and loading of each branch circuit. The person or group installing Haworth products is responsible for complying with all NEC and local code requirements.

**WARNING: Power MUST BE DISCONNECTED before installation.**

**WARNING: Do not electrically interconnect circuits powered from two different feed modules. This poses a SHOCK HAZARD to service personnel and will cause a RISK OF FIRE due to excessive circulating currents.**

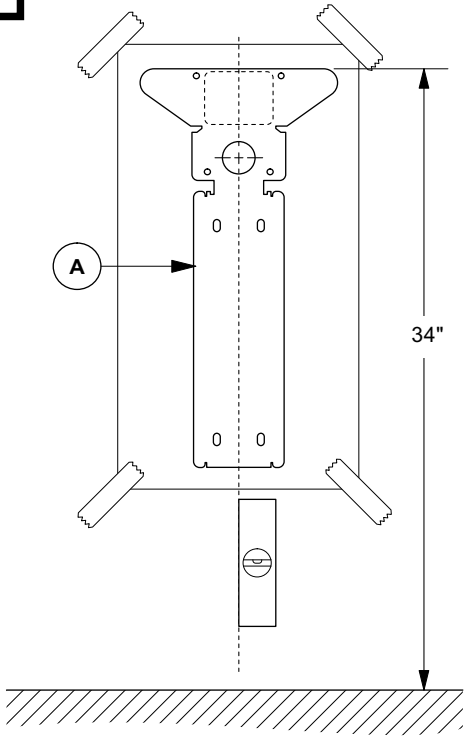
**NOTE:** Raceways that are electrically interconnected must also be mechanically interconnected.

**NOTE:** Connectors keyed to assure polarity.



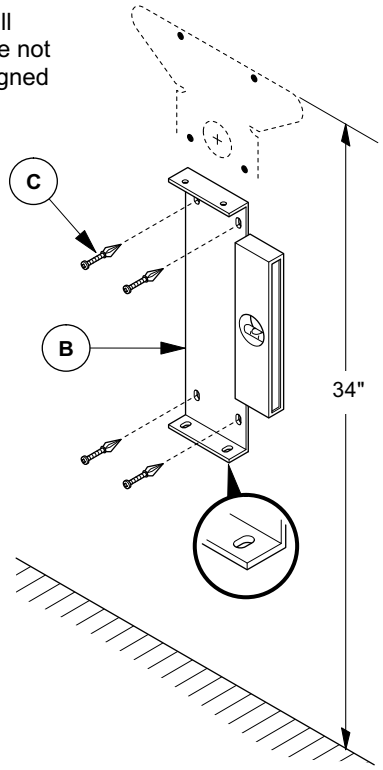
## WALL MOUNT POWER FEED INSTALLATION

### 1 Locate template (A)



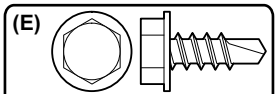

### 2 Install wall mount bracket (B)

**NOTE:** Due to the varying wall construction, fasteners **(C)** are not included. Use fasteners designed for the wall construction.

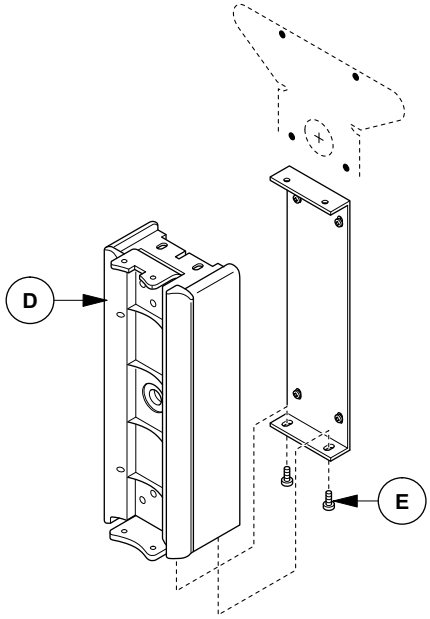


## 3 Install wall mount beam (D)

(E)

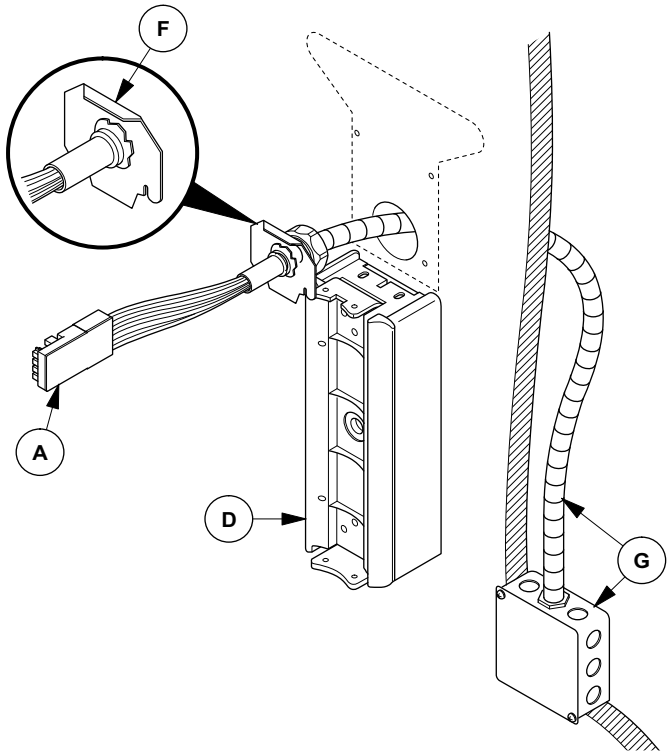


#10-24 x 1/2" Selt Drilling Hex Head Screw



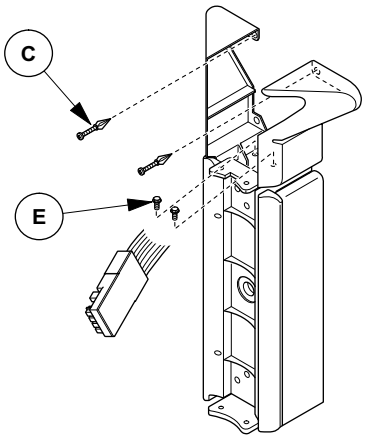

## 4 Install wall mount beam (D)

**NOTE:** Conduit and junction box **(G)** supplied by local electrician.

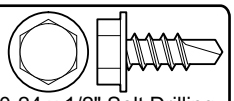



## 5 Install wall mount castings (H)

**NOTE:** Due to the varying wall construction, fasteners **(C)** are not included. Use fasteners designed for the wall construction.

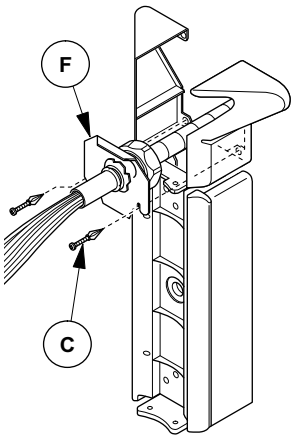



(E)



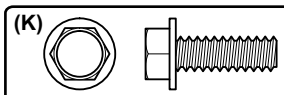
#10-24 x 1/2" Selt Drilling Hex Head Screw

## 6 Install closure plate (F)




## 7 Remove parts (J)

(K)

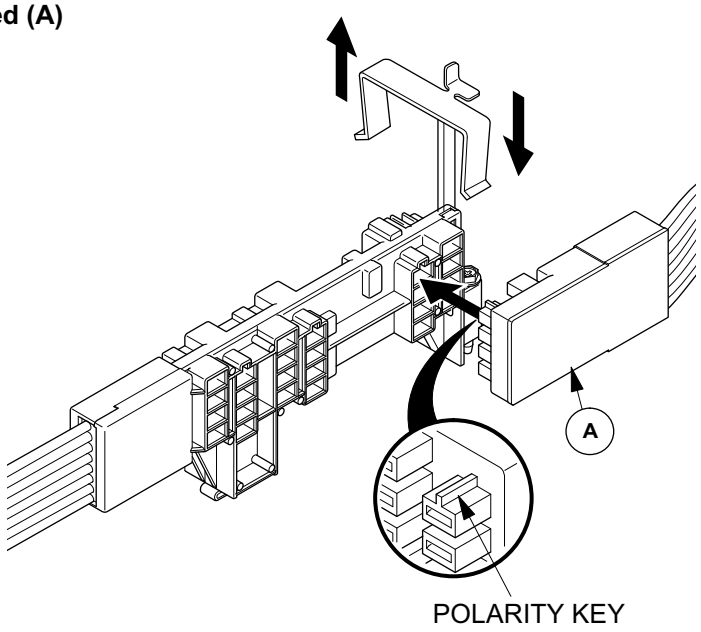


#10-24 x 1/2" Hex Head Screw

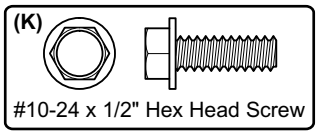


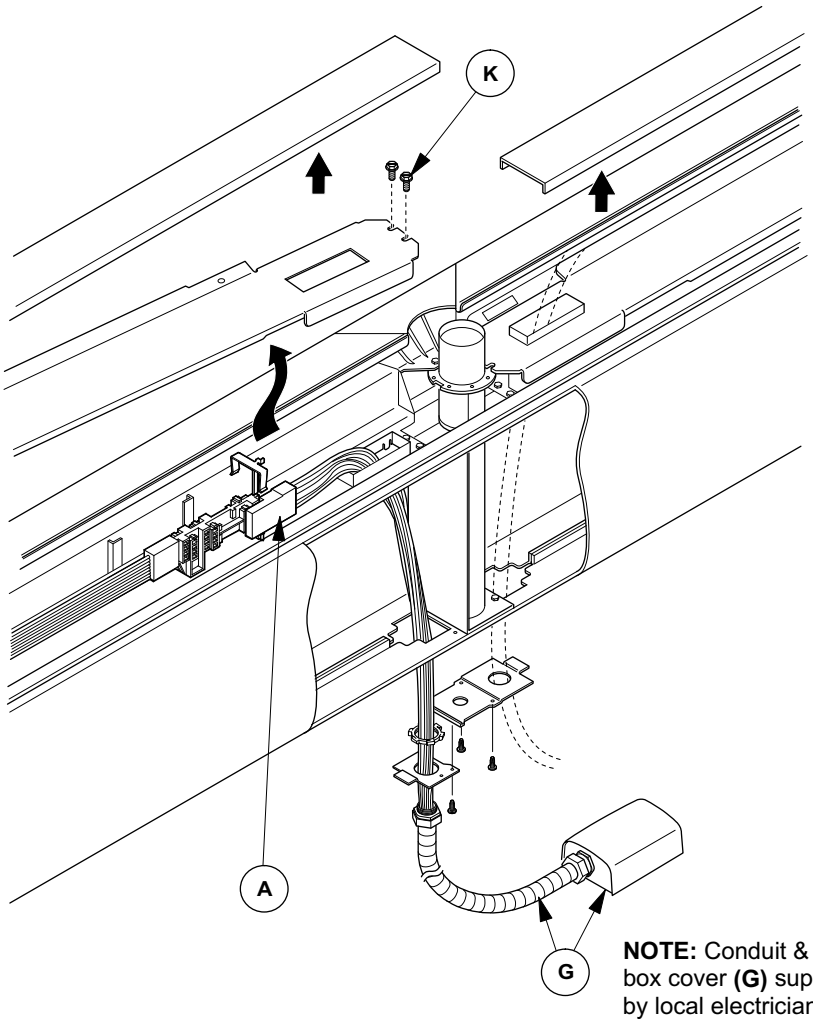

**CUSTOMER SERVICE PHONE: 1-800-426-8562**

**8** **Install infeed (A)**




## FLOOR POWER FEED INSTALLATION

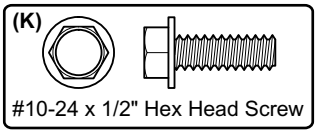


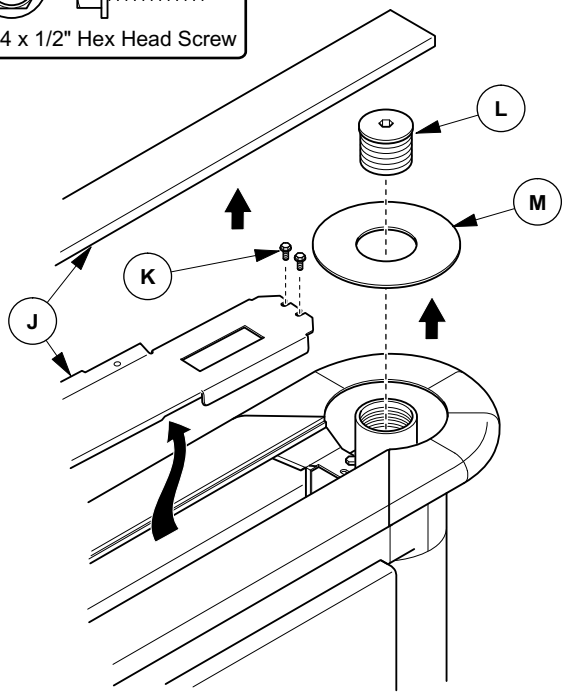




**NOTE:** Conduit & floor box cover **(G)** supplied by local electrician.

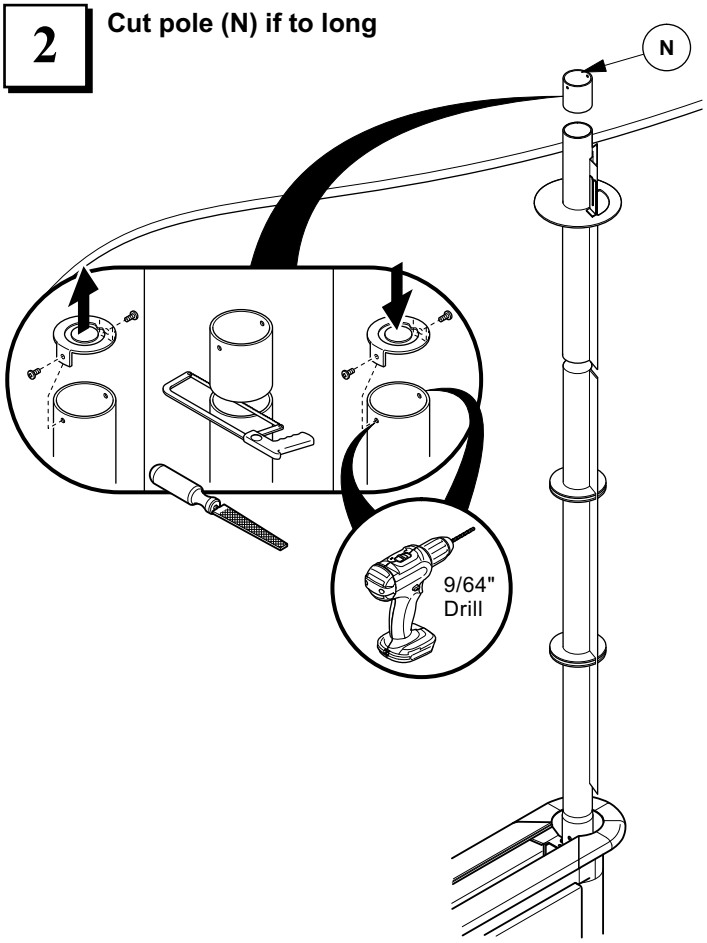
## TOP POWER FEED INSTALLATION

### 1 Remove items (J, K, L & M)

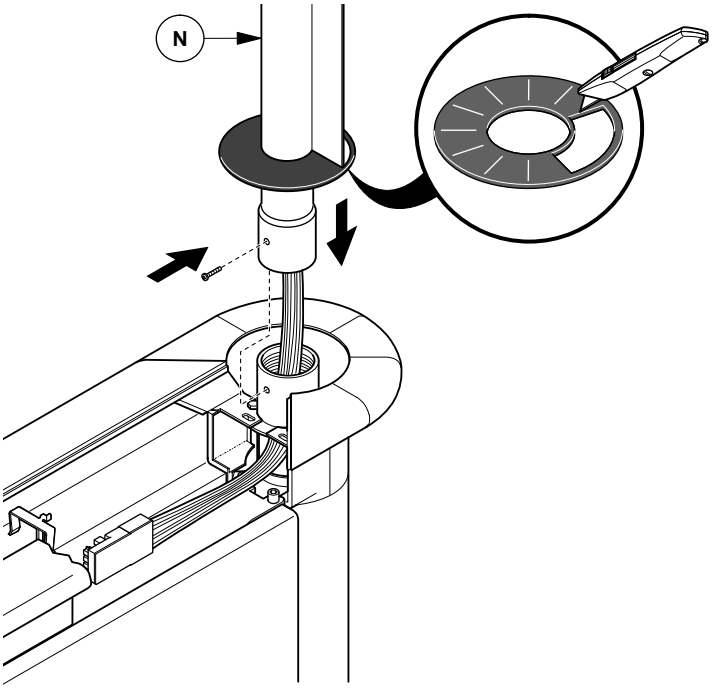


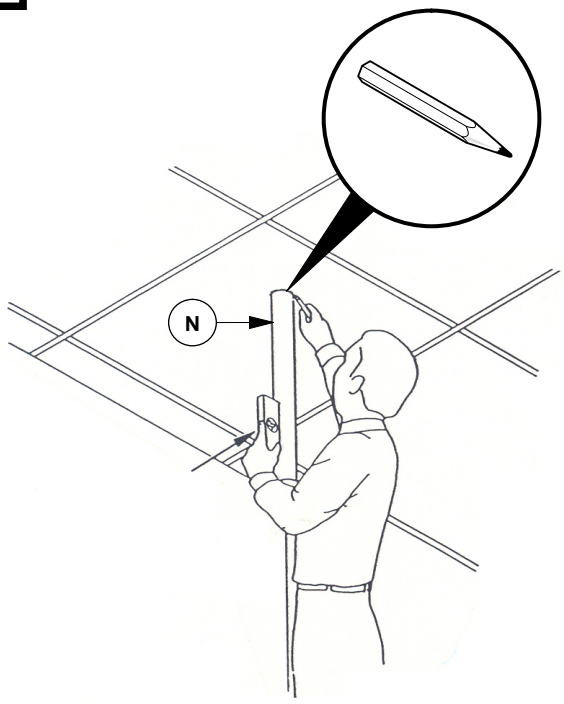

### 2 Cut pole (N) if to long




### 3 Install pole (N)

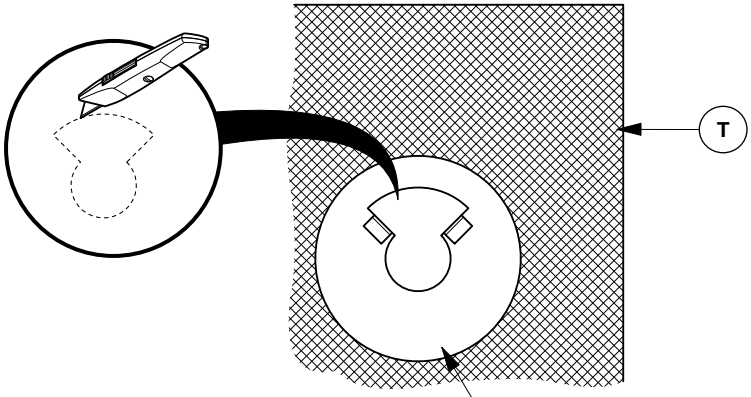



### 4 Level & mark pole (N) location




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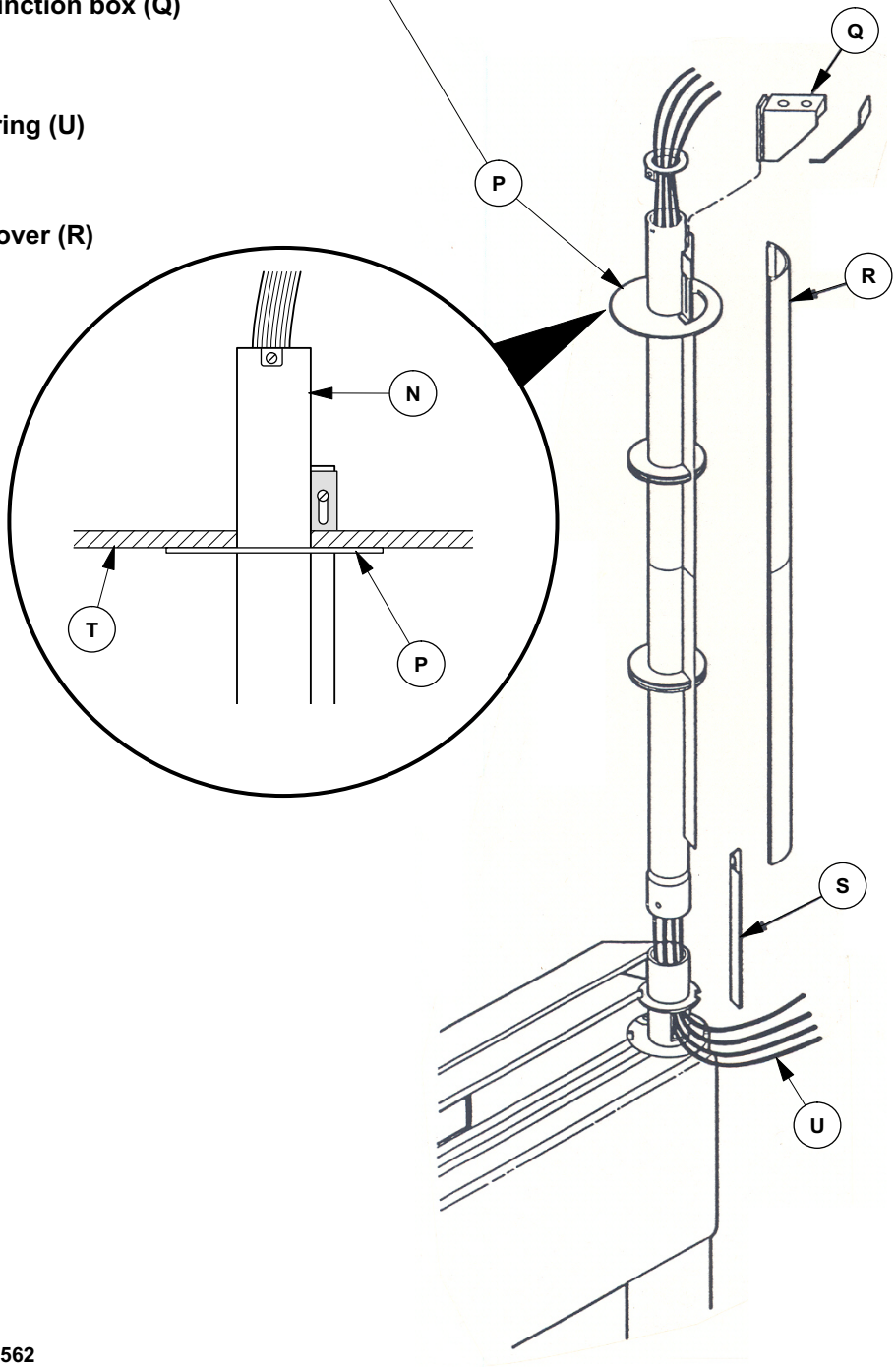
**5** Use ceiling flange (P) as template and cut hole in tile (T)




**6** Install communications junction box (Q)

**7** Route communication wiring (U)

**8** Install communications cover (R)




CUSTOMER SERVICE PHONE: 1-800-426-8562

**Electrical Wiring Configurations**

1. Figure 1 shows a wiring diagram to connect the Power Base floor feed in a 208Y/120 Volt, 3-phase, 8-wire, dedicated and isolated configuration.
2. Figure 2 shows a wiring diagram to connect the Power Base floor feed in a 208Y/120 Volt, 3-phase, 5 wire configuration.
3. For other wiring configurations, refer to base feed label matrix diagram Figure 3.

**WARNING: Do not electrically interconnect modular power distribution systems powered from different feed modules. This poses a SHOCK HAZARD to service personnel and will cause a RISK OF FIRE due to excessive circulating currents.**

**NOTE:** When connecting building 3-phase power to only one circuit, the two unused circuits must be "capped off" by a licensed electrician. Haworth recommends that the unused circuits be "grounded to dead metal" rather than capped (unless local codes prohibit this condition).

**NOTE:** The Power Base can be connected to one, two, or three single-phase branch circuits.

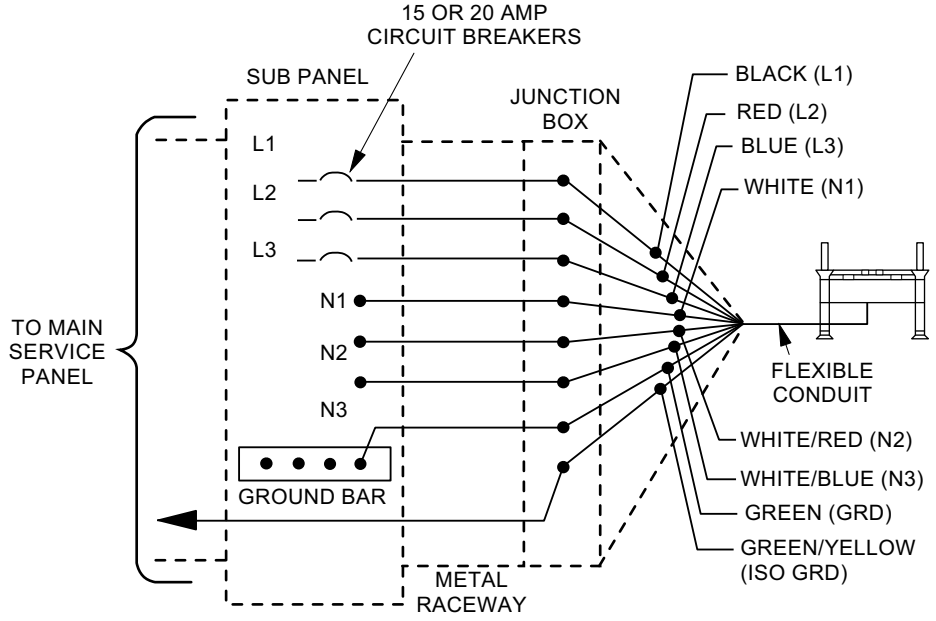



**FIG. 1**

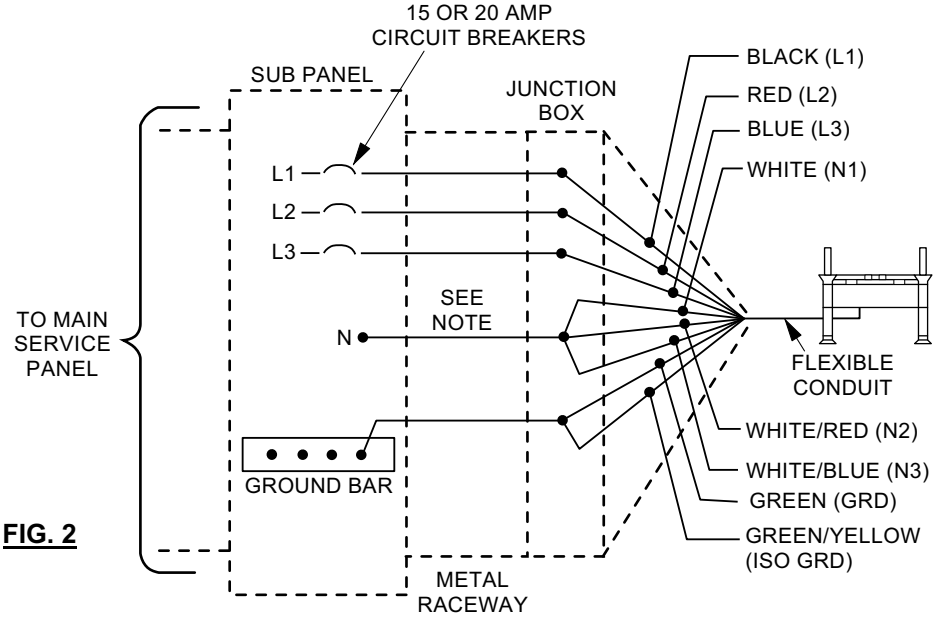



**FIG. 2**

D HAWORTH®

LISTED TYPE 1
457U

208Y/120V 60HZ

**OFFICE FURNISHING ACCESSORY & MANUFACTURED WIRING SYSTEM-POWER ENTRY-PRODUCT NO RECE, REFE, RWEC SERIES**

**FOR USE WITH LISTED RACE SYSTEM OFFICE FURNISHINGS**

| | |
|---|---|
| NEUT. 1 | WHITE |
| NEUT. 2 | WHITE/RED |
| NEUT. 3 | WHITE/BLUE |
| GND. | GREEN |
| GND. (ISO) | GRN/YEL |
| LINE 1 | BLACK |
| LINE 2 | RED |
| LINE 3 | BLUE |

RACE BEAM

| SUPPLY | POWER | NEUTRAL | GND | GND (ISO) |
|---|---|---|---|---|
| 120V 1 PHASE | BLACK | WHITE | GRN | GRN/YEL |
| 120/240V 1 PHASE | BLACK RED | WHITE WHITE/RED | GRN | GRN/YEL |
| 120/208V 3 PHASE | BLACK RED BLUE | WHITE WHITE/RED WHITE/BLUE | GRN | GRN/YEL |

**NOTE: 3 PHASE SYSTEM MUST BE CONNECTED TO WYE CONFIGURED SOURCE OF SUPPLY.**

**WARNING:** RISK OF FIRE OR ELECTRIC SHOCK. THIS FURNISHING MAY BE CONNECTED TO MORE THAN ONE SOURCE OF SUPPLY. ALL SOURCES MUST BE DISCONNECTED PRIOR TO ANY SERVICING. NO SINGLE PHASE CIRCUIT MAY BE POWERED BY MORE THAN ONE SOURCE.

**AVERTISSEMENT:** RACCORDER A LA DERIVATION, EN UN POINT SEULEMENT.

**12 AWG THHN WIRE IN U.S.A.**

6641-7903 H

**FIG. 3**