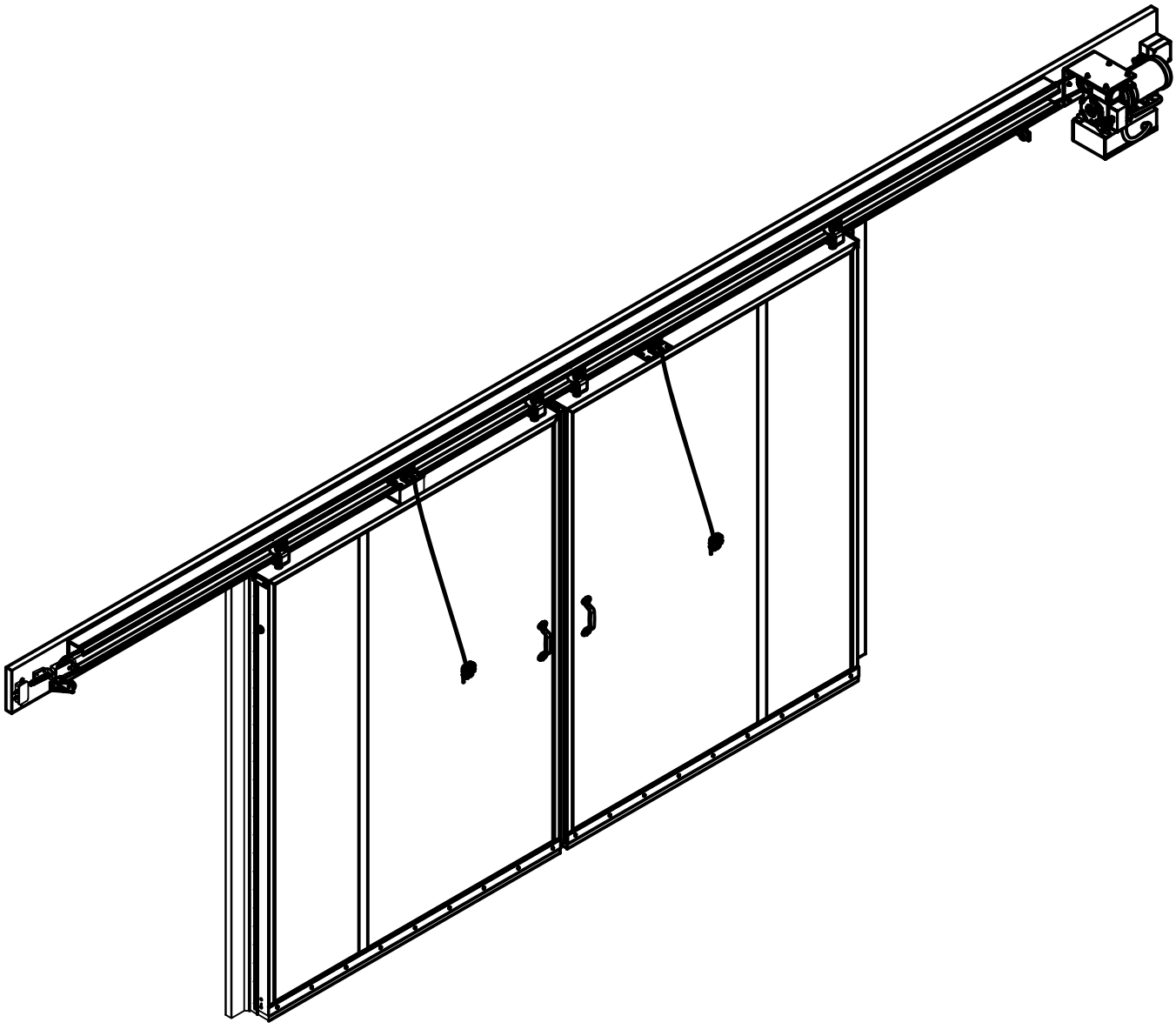
Eco-Cold Doors
BI-PARTING DOOR
MODEL BPE-EHD
INSTALLATION INSTRUCTIONS



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Eco-Cold Bi-PARTING DOOR INSTALLATION INSTRUCTIONS

DRAWN BY: DSD | DATE: 11/29/11

Notice to installer
(Please read this notice before attempting installation)

Eco-Cold doors are high quality products that are time tested to function properly if installed in accordance with the installation instructions. It is in the installer's best interest that the doors be installed properly. Please read and follow the installation instructions carefully to avoid costly time on the job correcting installation mistakes. Eco-Cold warrants our products for defects in material and workmanship only. Since the installation of our products is beyond our control, Eco-Cold does not warranty labor.

It is the responsibility of the installer to make sure that the mounting structure (walls) to which the door is to be attached is straight, level, and on the same plane with each other around the door opening as well as the floor surface. If these conditions cannot be met, the vertical casings and header must be shimmed to ensure that the door, when properly adjusted, will provide the proper sealing required. The floor must be flat, level, and in good condition for the bottom seal to be effective.

Warning!

Only qualified and experienced cold storage door installers and electricians should attempt to install or service this product. Installation by non-qualified personnel may result in serious injury during the installation process or during actual operation and in the use of this door.

Avertissement!

Seulement du personnel qualifié devrait faire l'installation de cette porte. L'installation fait par du personnel non-qualifié, peut entrainer des blessures graves durant l'installation et / ou l'utilisation de la porte.

Please Note!

(Heater Voltage is 115 V AC For Freezer Doors)

VEUILLEZ NOTER!

Voltage du câble chauffant est 120 V AC pour les portes de congélateurs

Chase Doors may be reached at: 1-800-543-4455 if assistance is required.

Door Specifications:

Size: Width in clear in inches (W.I.C) = _____

Door serial # _____

Height in clear in inches (H.I.C.) = _____

Door Model: BPE-EHD Thru-wall: ☐ Yes ☐ No Wall Thickness: _____

Opening Direction: BP

Door Style: ☐ Freezer ☐ Cooler

Door Heater (Freezer Doors Only): _____ Volts AC _____ Watts

Door Type: ELECTRIC

Door Operator Voltage: _____

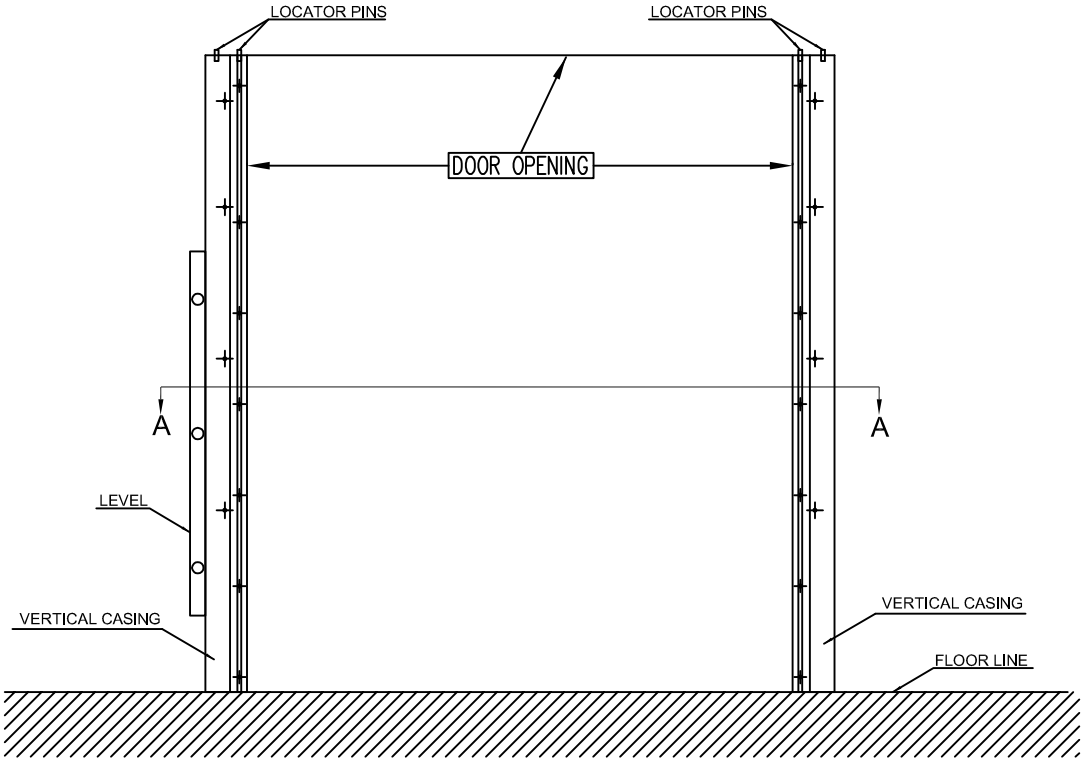
Door Activation Devices: _____

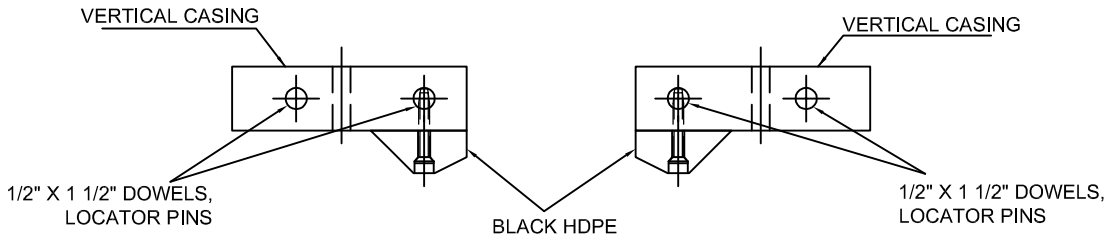
DOOR HEATER VOLTAGE APPLIES TO FREEZER DOORS ONLY! COOLER DOORS DO NOT HAVE HEATER WIRES!

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Eco-Cold Bi-PARTING DOOR INSTALLATION INSTRUCTIONS

DRAWN BY: DSD	DATE: 11/29/11





SECTION A-A

VERTICAL CASING INSTALLATION

STEP - 1. PREPARATION:
MEASURE WIDTH AND HEIGHT OF FRAMED OPENING AND COMPARE WITH DIMENSIONS GIVEN AT TIME OF ORDERING.

STEP - 2.
STAND ONE VERTICAL CASING UP TO THE WALL ALONG AN EDGE OF DOOR OPENING.

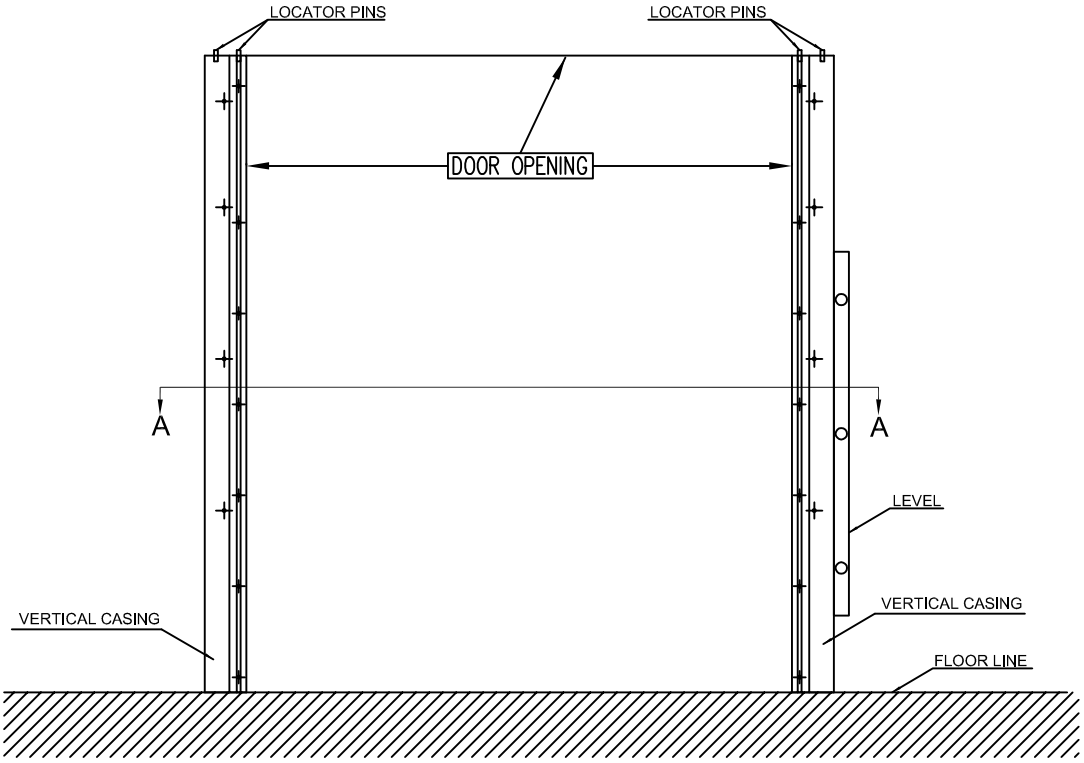
STEP - 3.
USING A LEVEL, MAKE SURE THE CASING IS STRAIGHT AND PLUMB.

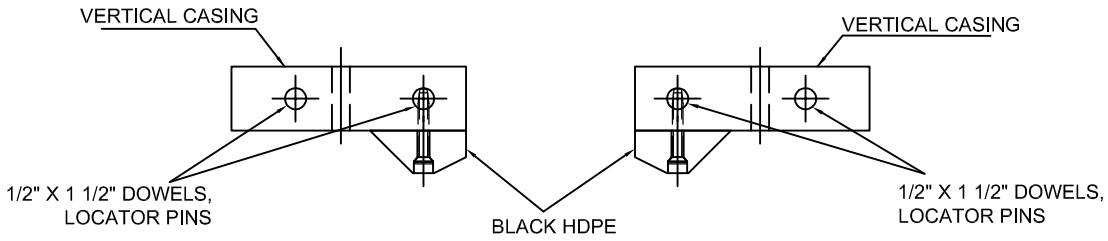
STEP - 4.
IF BOTTOM OF CASING IS LOWER THAN HIGH POINT IN FLOOR, SHIM UNDER BOTTOM OF CASING SO THAT IT IS LEVEL WITH HIGH POINT IN FLOOR. THEN TEMPORARILY CLAMP OR LAG THE CASING TO THE WALL.

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Eco-Cold Bi-PARTING DOOR INSTALLATION INSTRUCTIONS

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SECTION A-A

VERTICAL CASING INSTALLATION

STEP - 1.

a) STAND THE OTHER VERTICAL CASING UP TO THE WALL ALONG THE OTHER EDGE OF DOOR OPENING.

b) ADJUST THE CASING TO BE THE SPECIFIED WIDTH IN CLEAR OF THE DOOR OPENING AS SPECIFIED ON PAGE 2 OF THESE INSTRUCTIONS.

c) THIS CASING MAY HAVE TO BE ADJUSTED SLIGHTLY WHEN THE HEADER IS INSTALLED SO AS TO ALIGN WITH HOLES IN HEADER FOR LOCATOR PINS (NOT ON THRU-WALL JAMBS MODEL).

STEP - 2.

USING A LEVEL, MAKE SURE THE CASING IS STRAIGHT AND PLUMB. ALSO CHECK TOP OF CASINGS WITH STRING, WATER, OR LASER LEVEL TO MAKE SURE THEY ARE LEVEL.

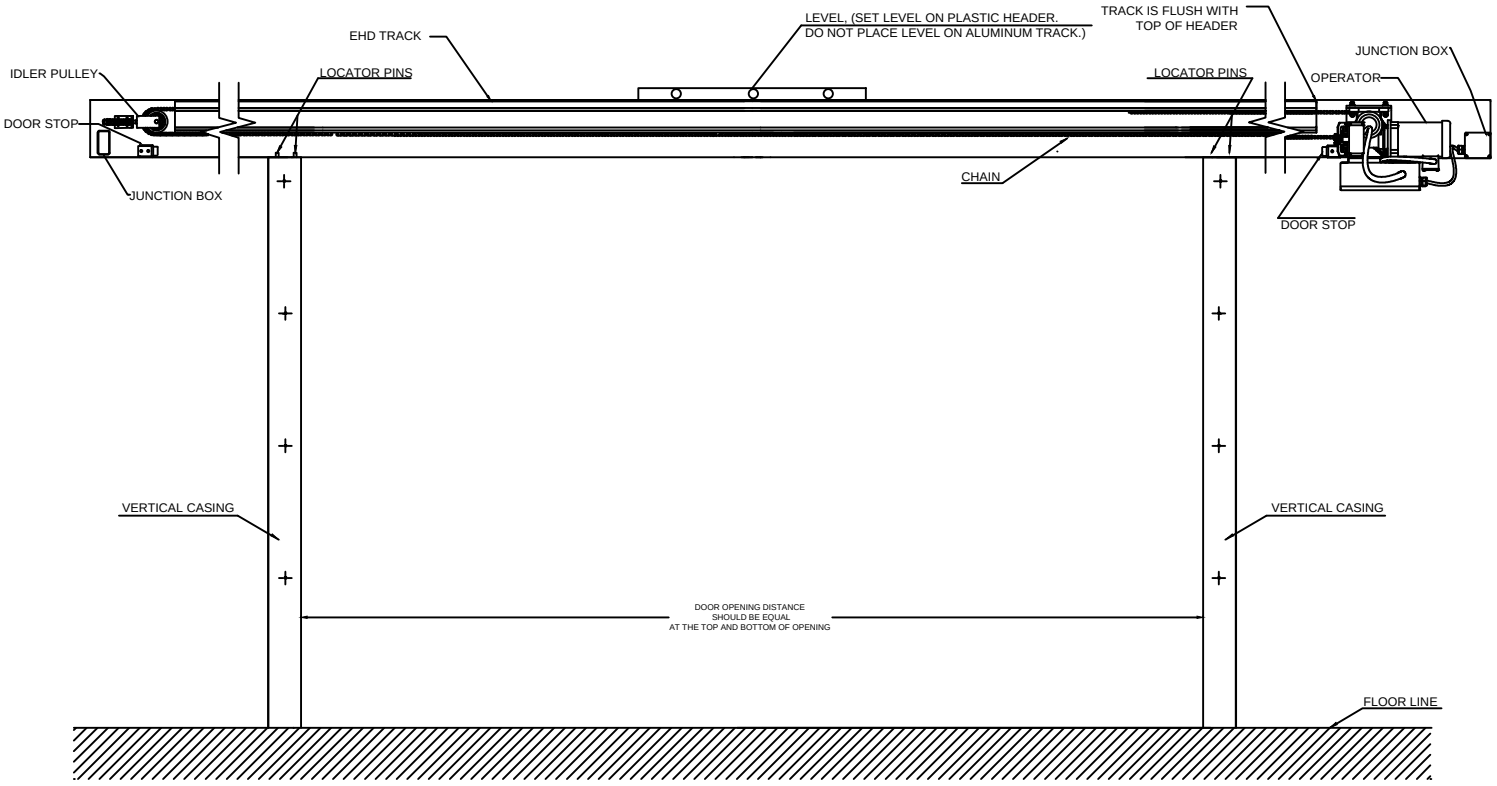
STEP - 3.

IF BOTTOM OF CASING IS LOWER THAN HIGH POINT IN FLOOR, SHIM UNDER BOTTOM OF CASING SO THAT IT IS LEVEL WITH HIGH POINT IN FLOOR. THEN TEMPORARILY CLAMP OR LAG THE CASING TO THE WALL.

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TRACK HEADER & VERTICAL CASING ASSEMBLY

STEP - 1.

a) IF ORDERED, REMOVE THE COVER FROM THE TRACK.
b) USING PROPER METHOD OF LIFTING THE TRACK HEADER, RAISE TRACK HEADER ABOVE THE CASINGS AND LOWER IT DOWN ON TO THE LOCATOR PINS.
c) AT THIS POINT IT MAY BE NECESSARY TO ADJUST THE POSITION OF THE VERTICAL CASING SLIGHTLY TO ALIGN THE PINS.

STEP - 2.

a) USING A LEVEL, CHECK TO MAKE SURE HEADER IS LEVEL, STRAIGHT AND TRUE. LEVEL THE MOLDED PLASTIC HEADER, "NOT THE ALUMINUM TRACK"!

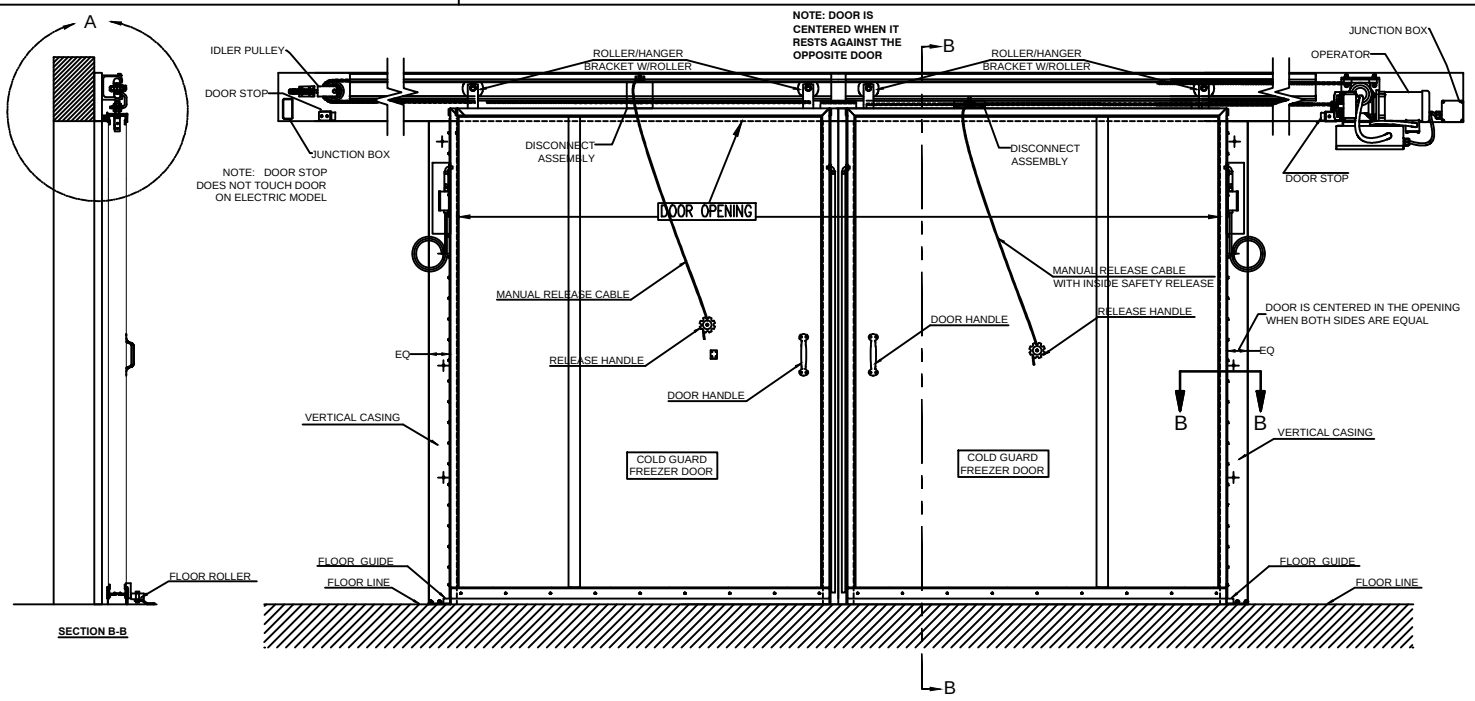
STEP - 3.

a) DRILL A ⅜" HOLE THROUGH THE PRE-DILLLED HOLES IN THE HEADER, VERTICAL CASINGS, AND THROUGH THE WALL OR BOX.
b) USING THE CARRIAGE BOLTS, NUTS, WASHERS, AND FENDER WASHERS SUPPLIED IN THE HARDWARE PARTS BOX, INSERT THE BOLTS & TIGHTEN. DO NOT CUT OFF BOLTS AT THIS TIME.
c) CARRIAGE BOLT HEADS SHOULD BE INSTALLED ON DOOR SIDE OF WALL. NUTS AND WASHERS SHOULD BE USED ON OPPOSITE SIDE OF WALL FROM DOOR.

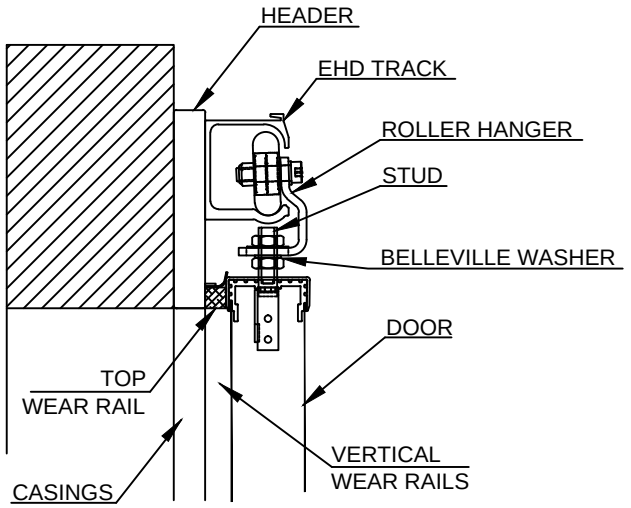
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DETAIL - A



DOOR & ROLLER/HANGER INSTALLATION

STEP - 1.

a) SLIDE THE ROLLER/HANGER BRACKETS W/ROLLER (LOCATED IN HARDWARE PARTS BOX) ONTO THE RAIL FROM ONE END OF THE RAIL.
b) POSITION THEM ON THE RAIL APPROXIMATELY THE SAME DISTANCE AS THE STUDS ON THE DOOR AND NEAR THE CENTER OF THE DOOR OPENING.

STEP - 2. (SEE DETAIL - A)

a) STAND ONE DOOR UPRIGHT, AND ENGAGE THE ROLLER/HANGER BRACKETS WITH THE STUDS ON THE DOOR.
b) MAINTAIN THE SAME CONFIGURATION OF THE WASHERS. THE BELLEVILLE WASHER WILL BE UNDER THE FLAT OF THE BRACKET.
c) REPEAT PROCESS FOR SECOND DOOR PANEL.
d) ADJUST THE HEIGHT OF THE DOOR SO THAT THE SEAL IS JUST TOUCHING THE FLOOR.(SEAL IS ONLY ADJUSTABLE AT THE FRONT OF THE DOOR).

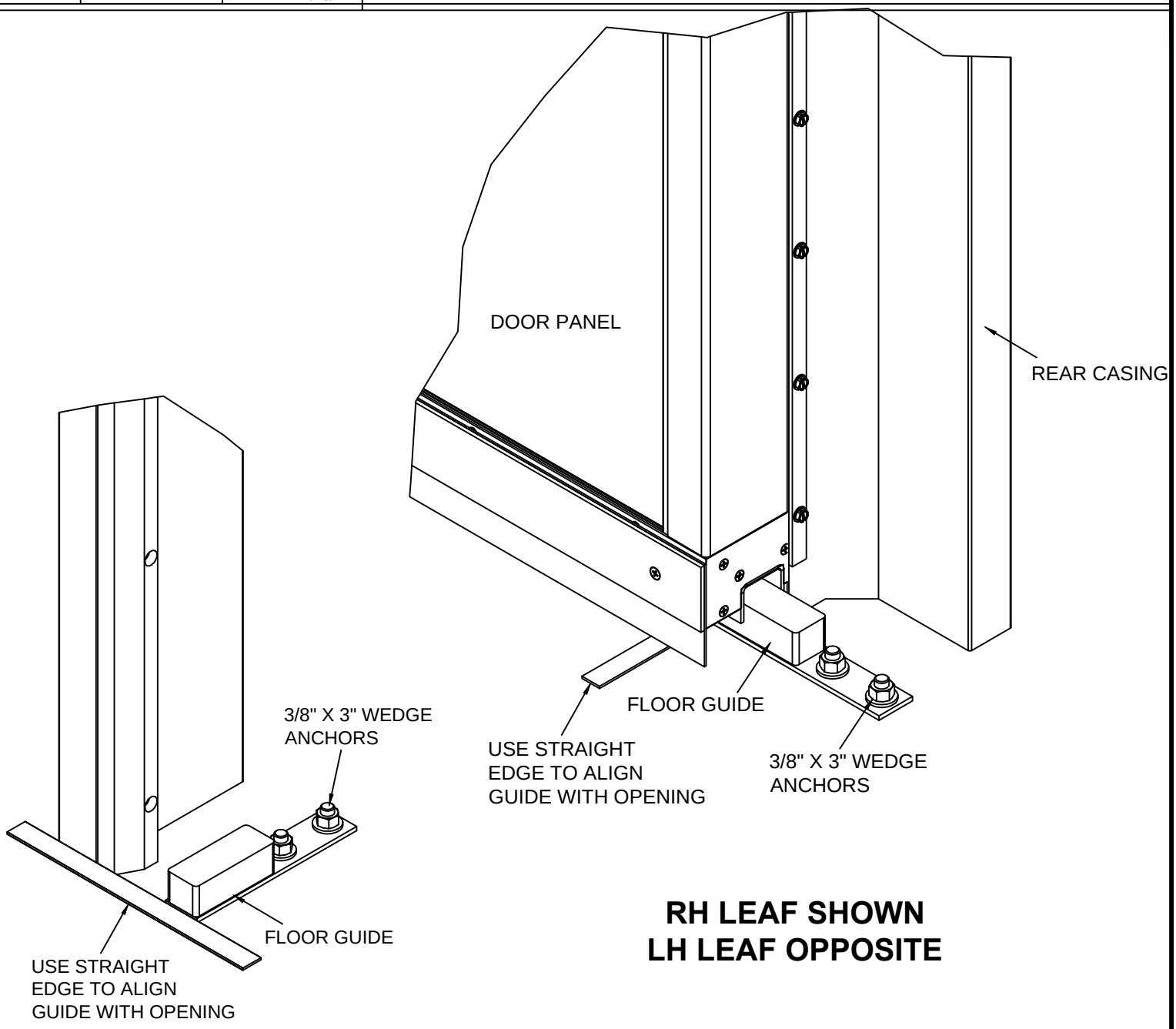
STEP - 3. (SEE DETAIL - A)

a) SLIDE THE PANELS TO THE CLOSED POSITION.
b) PUSH EACH DOOR "IN" TOWARDS THE WEAR RAILS ON THE VERTICAL CASINGS AND TOP HEADER WEAR RAIL SO THAT YOU HAVE A GOOD SEAL. LEAVE A $\frac{1}{16}$" GAP BETWEEN DOOR AND RAILS.
c) MAKE SURE BOTH DOORS ARE ALIGNED "IN AND OUT" TO EACH OTHER.
d) TIGHTEN THE NUTS ON THE STUD.

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RH LEAF SHOWN
LH LEAF OPPOSITE

FLOOR ROLLER INSTALLATION

STEP - 1. (SEE DETAILS ABOVE)

a) PLACE THE DOOR IN THE FULLY CLOSED POSITION. MAKE SURE THE DOOR IS PLUMB AND SEALS AS DESIRED.

b) PLACE A STRAIGHT EDGE UNDER THE DOOR AND INSIDE THE OPENING AS SHOWN IN THE DETAILS ABOVE. SLIDE THE FLOOR GUIDE INSIDE THE GUIDE CHANNEL AT THE TRAILING EDGE OF THE PANEL UNTIL IT BUTTS AGAINST THE STRAIGHT EDGE.

c) CENTER THE GUIDE IN THE CHANNEL SO THAT THERE IS SPACE BETWEEN THE GUIDE AND THE WALLS OF THE GUIDE CHANNEL. DO NOT PINCH THE DOOR BETWEEN THE FLOOR GUIDE AND THE WEAR GUIDE ON THE CASING.

d) DRILL FLOOR FOR 3/8" X 3" WEDGE ANCHORS.

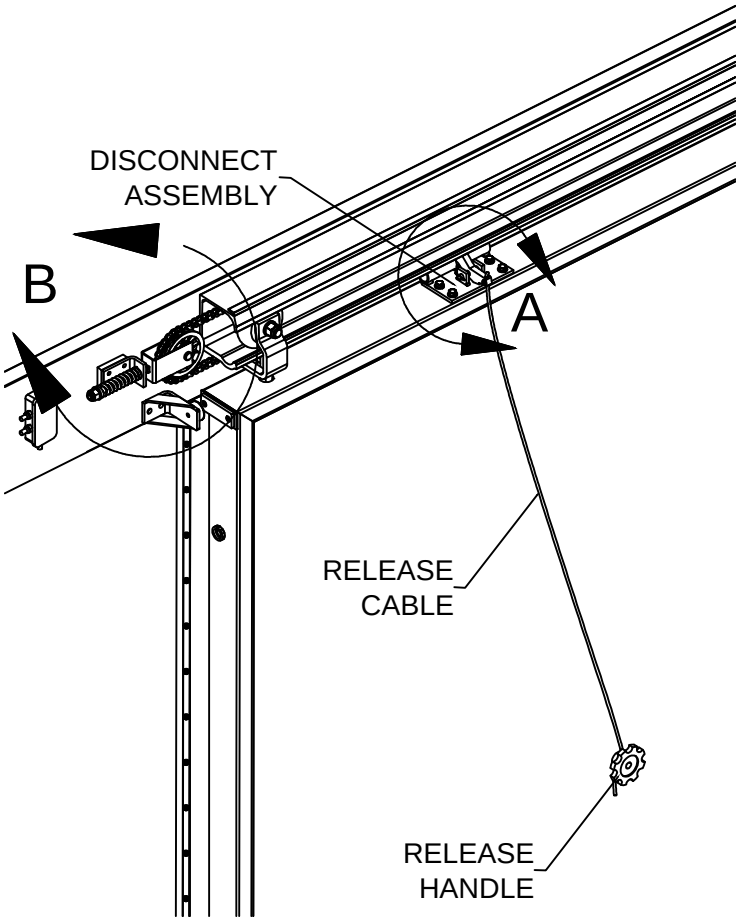
e) FASTEN GUIDE CHANNEL TO FLOOR AS SHOWN USING 3/8" X 3" WEDGE ANCHORS AND 3/8" FLAT WASHERS.

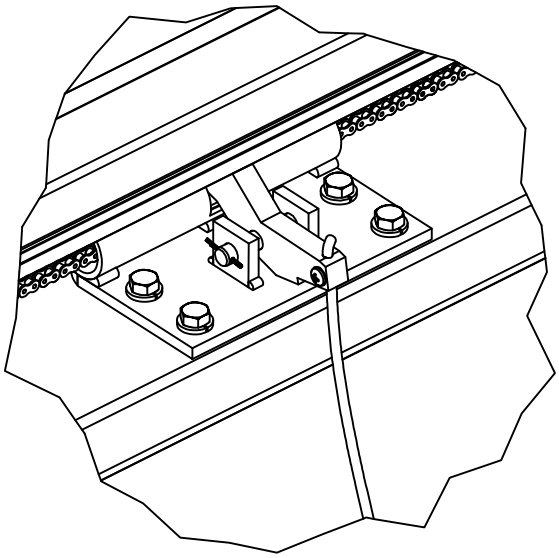
f) CHECK TO MAKE SURE DOOR OPENS AND CLOSES WITHOUT BINDING. IF DOOR BINDS, LOOSEN NUT ON ANCHOR, ADJUST FLOOR GUIDE, AND RE-TIGHTEN NUT.

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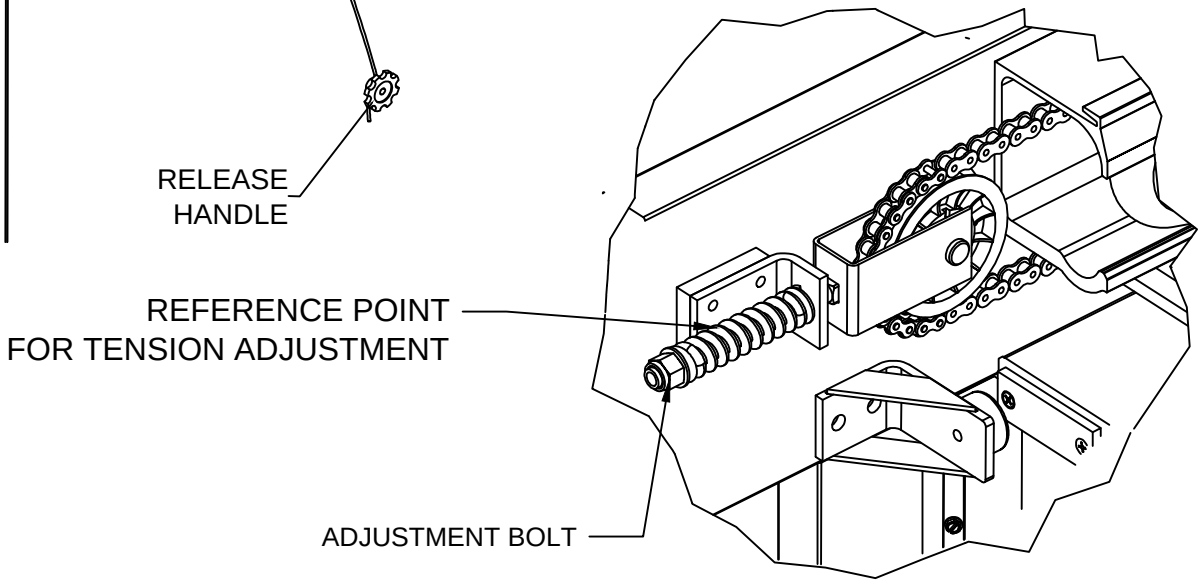
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DETAIL A



DETAIL B

DISCONNECT ASSEMBLY INSTALLATION AND IDLER PULLEY ADJUSTMENT

STEP - 1. (SEE DETAIL A)

a) REMOVE THE BOLTS ON TOP OF DOOR AND ATTACH THE DISCONNECT ASSEMBLY AS SHOWN ABOVE. FULLY TIGHTEN THE BOLTS.
b) ATTACH THE RELEASE CABLE TO THE DISCONNECT ASSEMBLY, AND TIGHTEN SCREWS.
c) TEST THE INSIDE SAFETY RELEASE TO MAKE SURE IT WORKS PROPERLY.

STEP - 2. (SEE DETAIL B)

a) THE IDLER PULLEY IS PRE-SET AT THE FACTORY TO BE LOOSE FOR SHIPPING PURPOSES.
b) ADJUST THE TENSION ON THE CHAIN BY TIGHTENING THE ADJUSTMENT BOLT UNTIL A NICKEL (FOR REFERENCE) WILL NOT FIT, BUT A PENNY (FOR REFERENCE) WILL BETWEEN THE WINDS OF THE SPRING.

NOTE:
ADVISE THE END USER TO RE-CHECK AND ADJUST IF NECESSARY AFTER APPROXIMATELY A MONTH AS THE CHAIN MAY STRETCH DURING OPERATION.

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ELECTRIC DOORS ONLY!

Important: The manufacturer has installed a remote "on/off" toggle switch next to the control panel lid on the electric operator. This switch is not on the electric schematic, and it breaks only the 24 VAC control circuit .

Important: The manufacturer à installé un commutateur on/off à côté du couvercle du panneau de contrôle. Ce commutateur n'est pas sur le schéma électrique et il coupe seulement le circuit 24 V AC.

Warning: Power is still present inside the control box unless the main power disconnect switch is turned off. A lockable disconnect should be placed within arms reach of the electric operator.

Avertissement: Le courant est toujours présent à l'intérieur du panneau de contrôle à moins que le commutateur principal soit à la position off. Une commutateur avec barrure devrait être installé près de l'opérateur.

Wiring: Make all electrical connections in the junction box next to the electric operator. See specifications on page (2) for main incoming power, door heat voltage, and activation devices.

Câblage: Faites toutes les connections électriques dans une boite de jonction près de l'opérateur. Voir les spécifications de la page 2 pour voir l'entré principale du courant, du voltage du câble chauffant de la porte et de l'activation des dispositifs.

Caution: Freezer models come with one 115 VAC heated pull cord switch and one non-heated switch. The heated switch goes inside the freezer. In some cases it may be necessary to shield the pull cords case from blowers, and to insulated it from extreme conditions. The ability of the 15 watt heater strip to keep the switch from failing is limited and unknown. Due to factors beyond our control, heated switches are not warranted . Use all means possible to insulate and protect the switch from excessive cold or damp conditions.

Attention: Les portes pour congélateurs viennent avec un commutateur à corde avec chauffage pour congélateur et un sans chauffage. Celui avec chauffage va dans le congélateur. Dans certain cas il peut être nécessaire de protéger le commutateur de la ventilation et de l'isolé des conditions extrêmes. La capacité du câble chauffant de 15 watts pour permettre au commutateur de fonctionné est limité et d'une durée inconnu. En raison de facteur hors de notre contrôle, le commutateur n'est pas garanti. Utiliser tous les moyens possible pour isolé et protéger le commutateur du froid excessif et de l'humidité.

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TORQUE CONVERTER (CLUTCH) ADJUSTMENT

NOTE: The torque converter located on the output shaft of the operator serves two purposes:

A. Acts as a secondary protection for personnel in the event someone gets between the door and the panel/wall.
B. Can be adjusted to "slip" at the start of the opening cycle to smooth the opening action of the door.

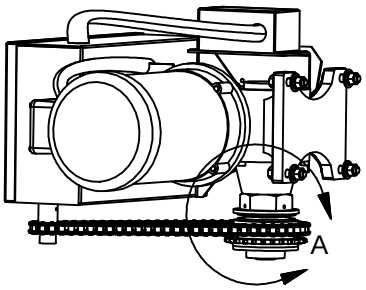
Use discretion as to how easy the torque converter is adjusted to "slip" to provide both safety and a smooth operation.

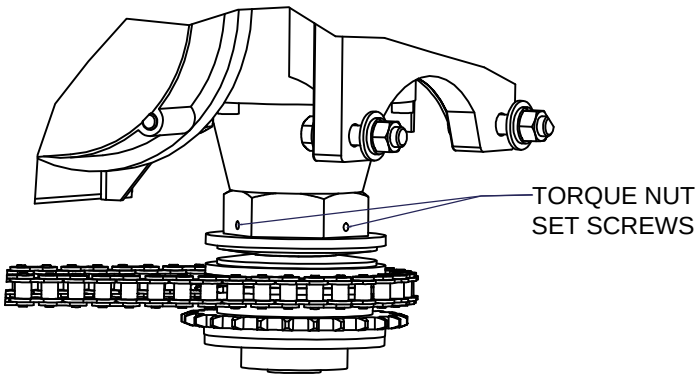
WARNING: The door disconnect assembly must be engaged to the chain catch pin before starting this procedure. If for some reason the door travels too far or the polarity is incorrect on three phase units, the limit switches will not stop the door and the catch pin on the chain will go around the sprocket and great damage can occur. **NEVER RUN THE MOTOR WITH THE CHAIN DISCONNECTED FROM THE DOOR!**

1. (See Detail A) Loosen the set screws if they are not loose already and back off torque nut until there is very little tension on the belleville washers.

2. Tighten the torque nut gradually until there is just enough tension to permit the operator to move the door smoothly through a complete open/close cycle, but will allow the operator to slip if the door is obstructed.

3. Tighten all three screws.





DETAIL A

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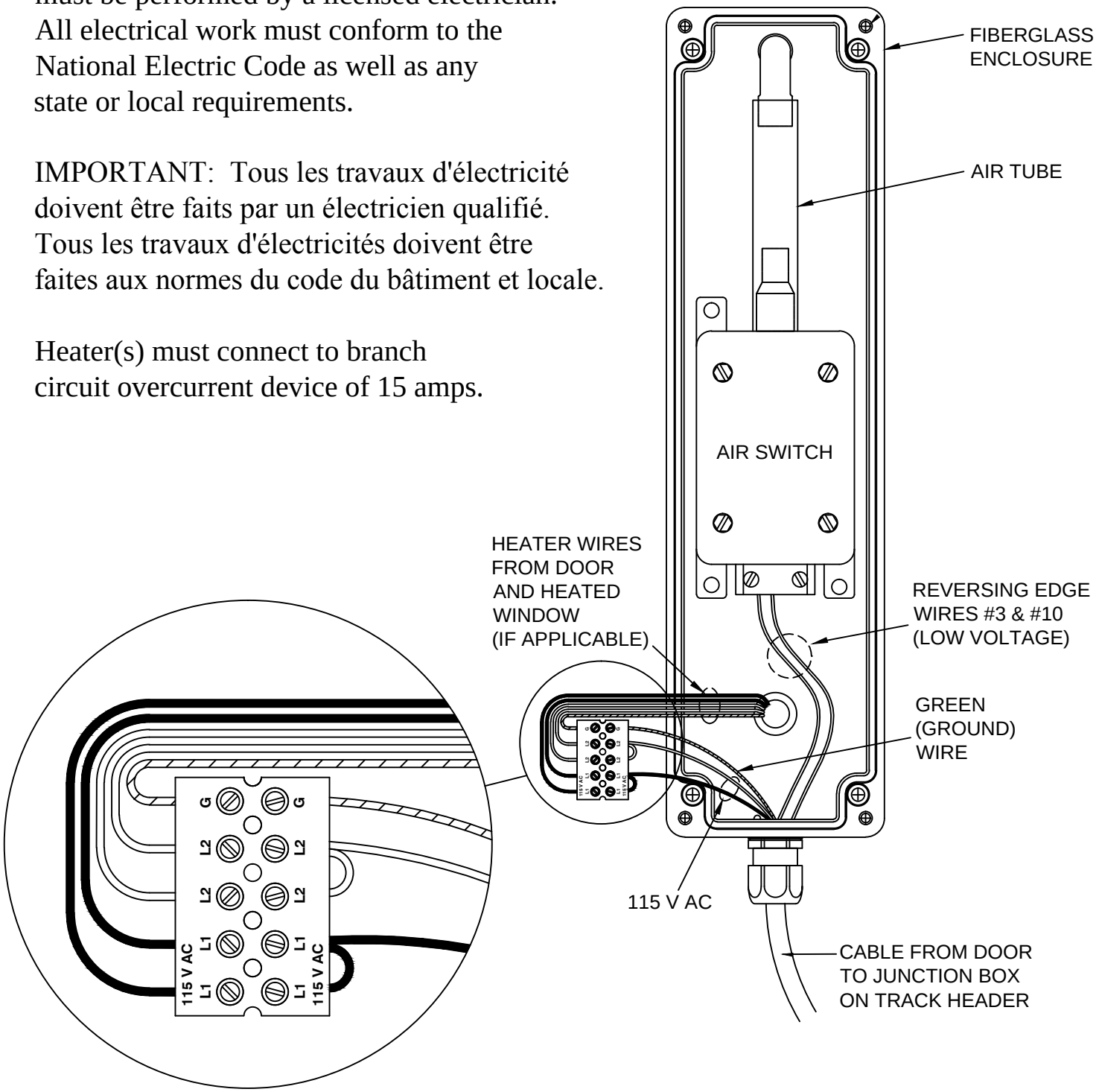
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ELECTRICAL CONNECTIONS-DOOR JUNCTION BOX

IMPORTANT: All electrical work must be performed by a licensed electrician. All electrical work must conform to the National Electric Code as well as any state or local requirements.

IMPORTANT: Tous les travaux d'électricité doivent être faits par un électricien qualifié. Tous les travaux d'électricités doivent être faites aux normes du code du bâtiment et locale.

Heater(s) must connect to branch circuit overcurrent device of 15 amps.



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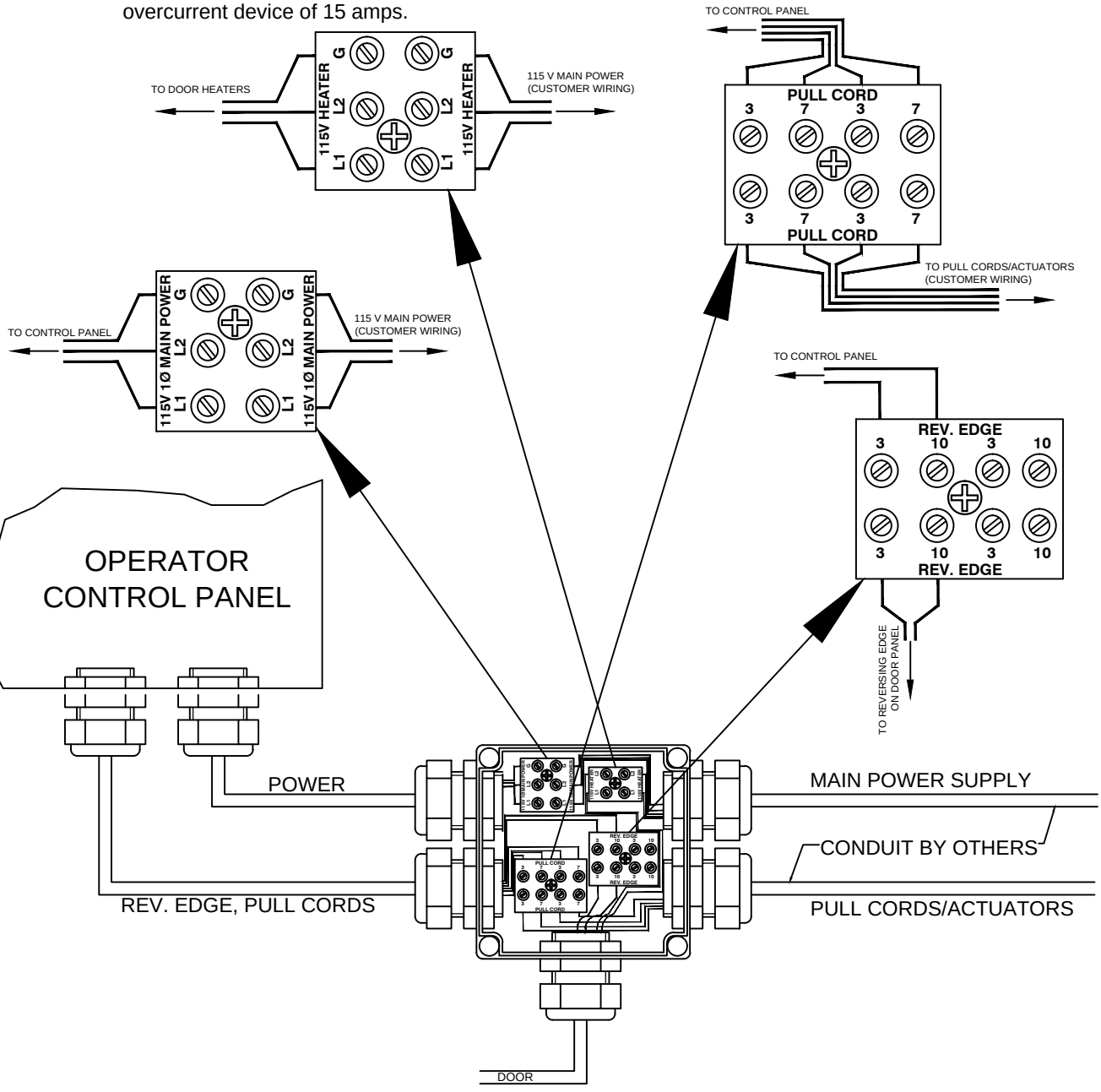
115V / 1Ø / 60

ELECTRICAL CONNECTIONS- CONTROL PANEL & HEADER/TRACK JUNCTION BOX

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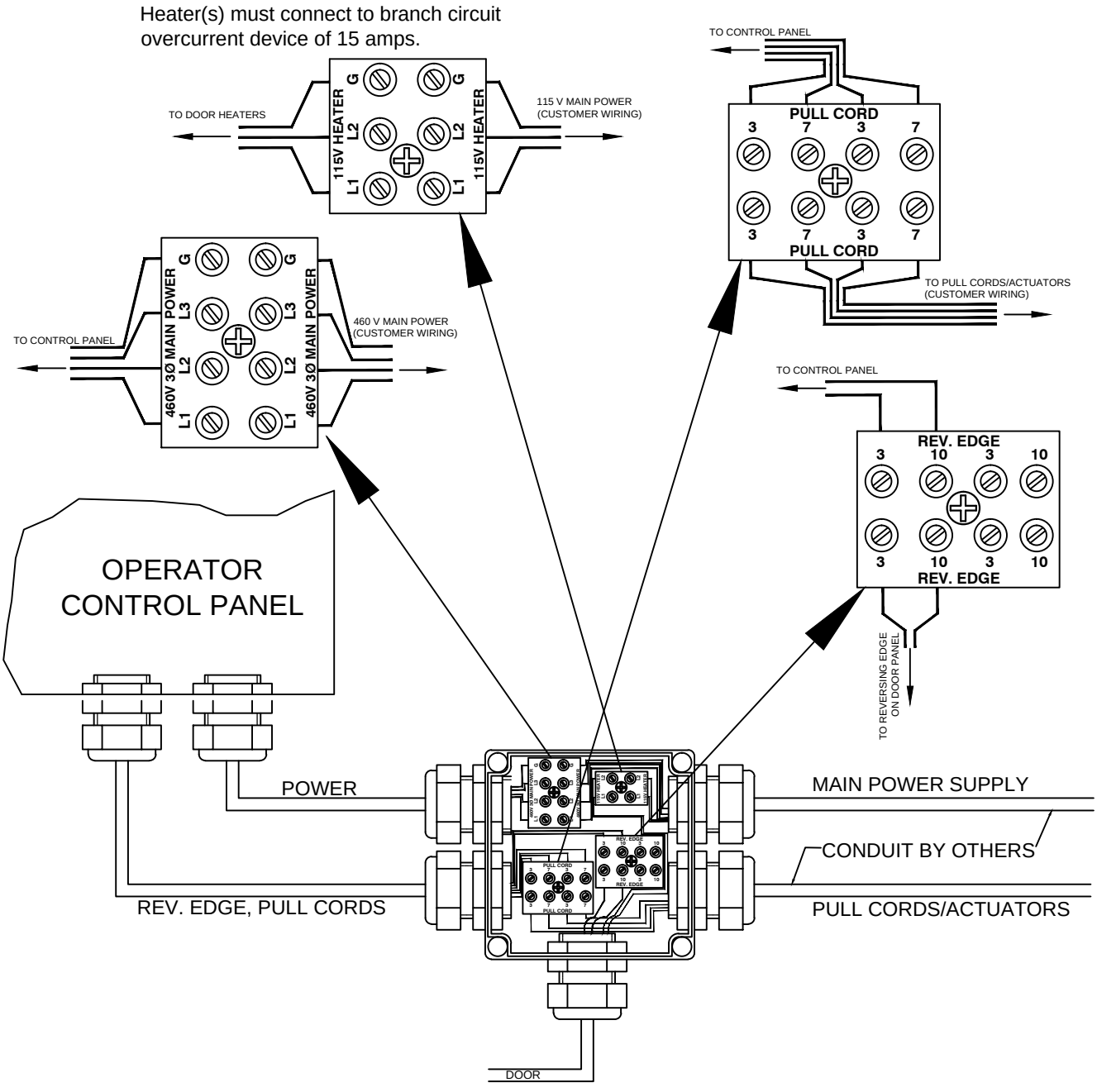
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460V / 3Ø / 60

ELECTRICAL CONNECTIONS- CONTROL PANEL & HEADER/TRACK JUNCTION BOX

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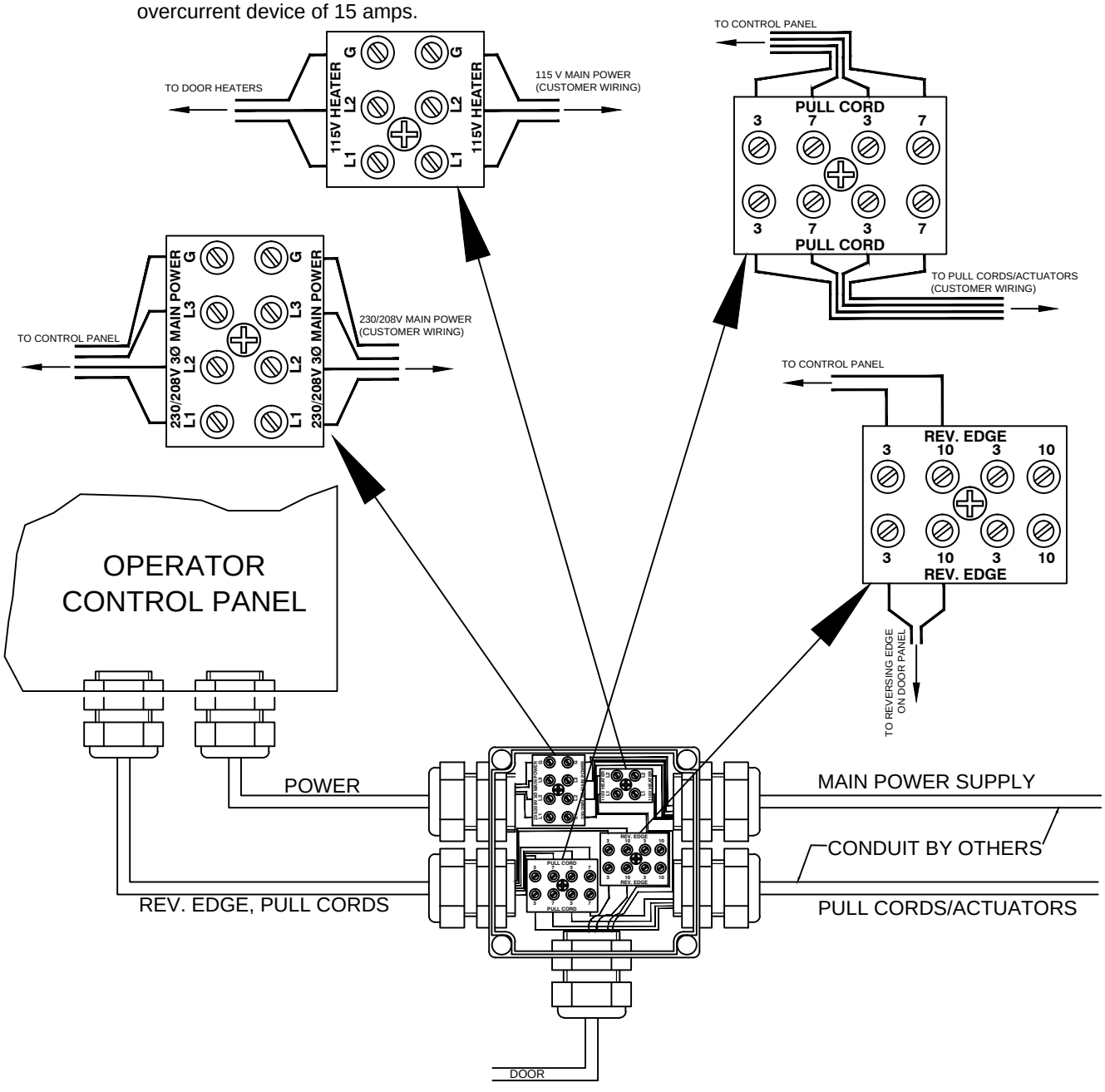
230/208V / 3Ø / 60

ELECTRICAL CONNECTIONS- CONTROL PANEL & HEADER/TRACK JUNCTION BOX

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IMPORTANT: Tous les travaux d'électricité doivent être faits par un électricien qualifié. Tous les travaux d'électricités doivent être faites aux normes du code du bâtiment et locale.

Heater(s) must connect to branch circuit overcurrent device of 15 amps.



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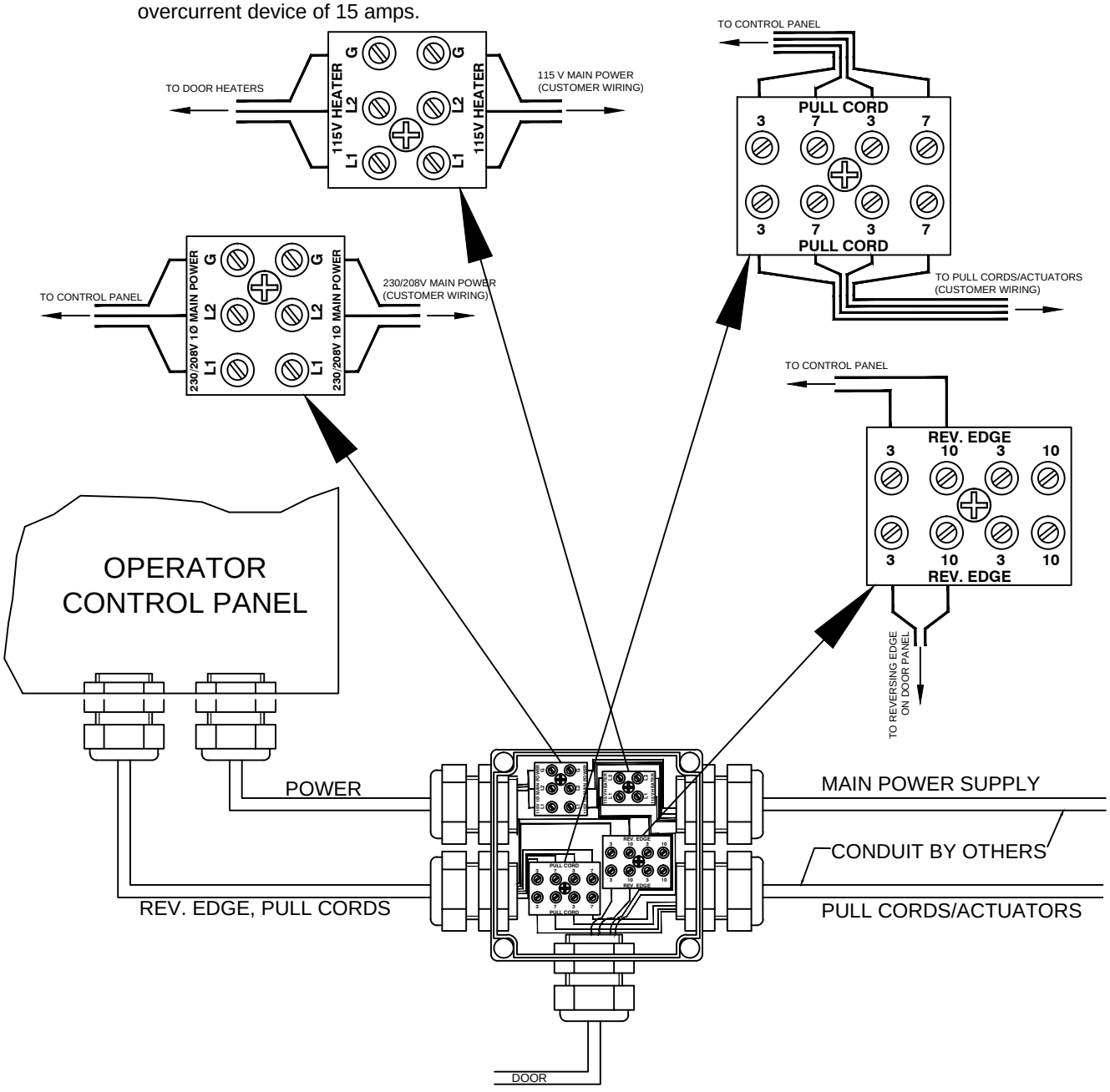
230/208V / 1Ø / 60

ELECTRICAL CONNECTIONS- CONTROL PANEL & HEADER/TRACK JUNCTION BOX

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Heater(s) must connect to branch circuit overcurrent device of 15 amps.



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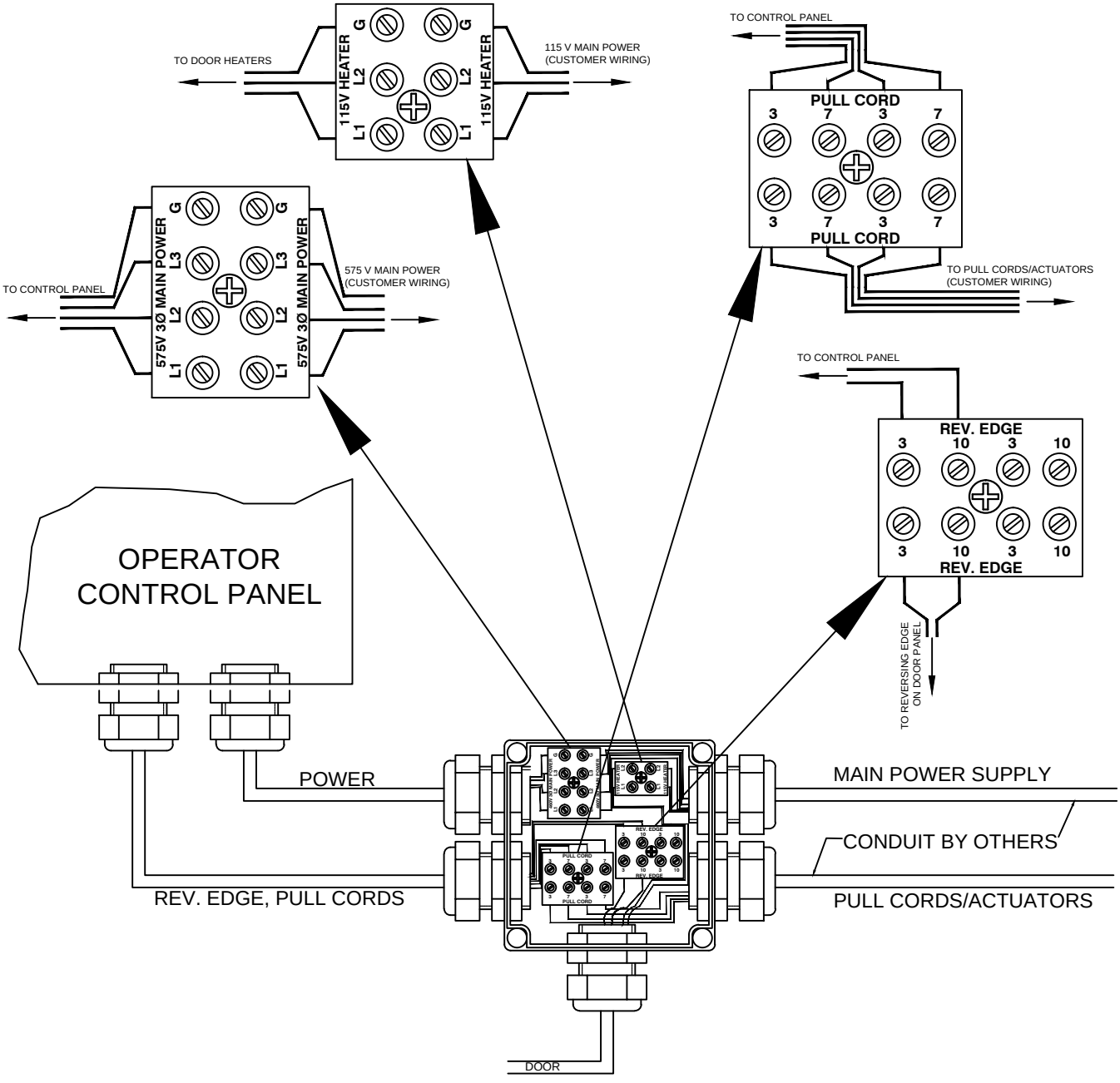
575V / 3Ø / 60

ELECTRICAL CONNECTIONS- CONTROL PANEL & HEADER/TRACK JUNCTION BOX

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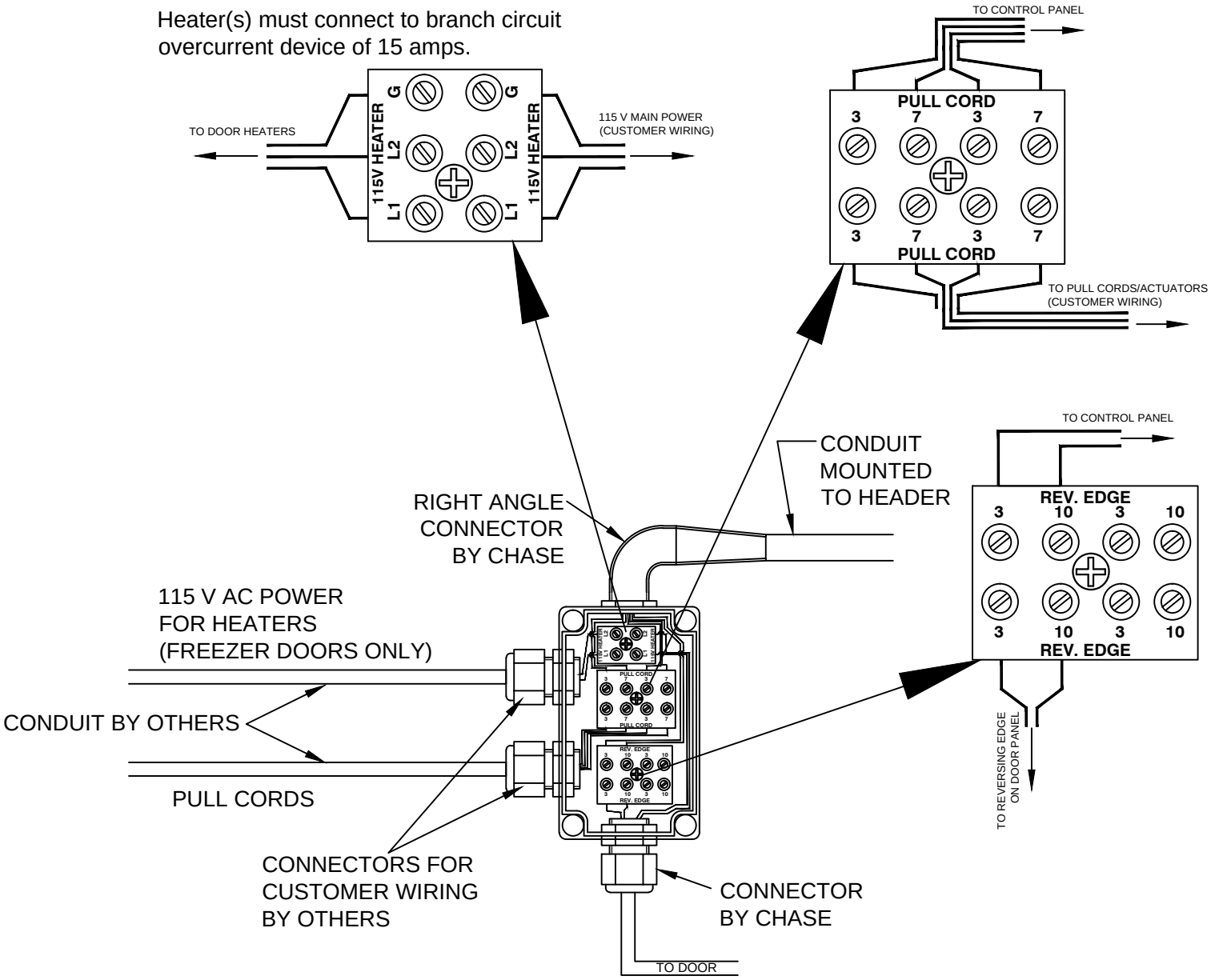
Eco-Cold Bi-PARTING DOOR INSTALLATION INSTRUCTIONS

DRAWN BY: DSD	DATE: 11/29/11

ELECTRICAL CONNECTIONS- CONTROL PANEL & HEADER/TRACK JUNCTION BOX

IMPORTANT: All electrical work must be performed by a licensed electrician. All electrical work must conform to the National Electric Code as well as any state or local requirements.

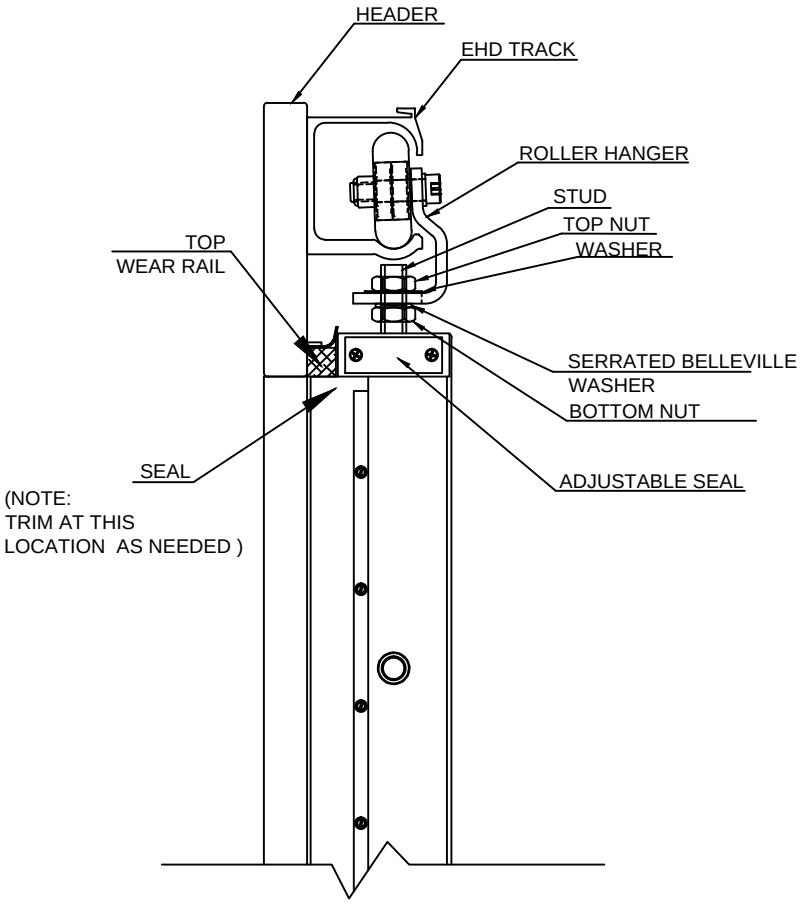
IMPORTANT: Tous les travaux d'électricité doivent être faits par un électricien qualifié. Tous les travaux d'électricités doivent être faites aux normes du code du bâtiment et locale.



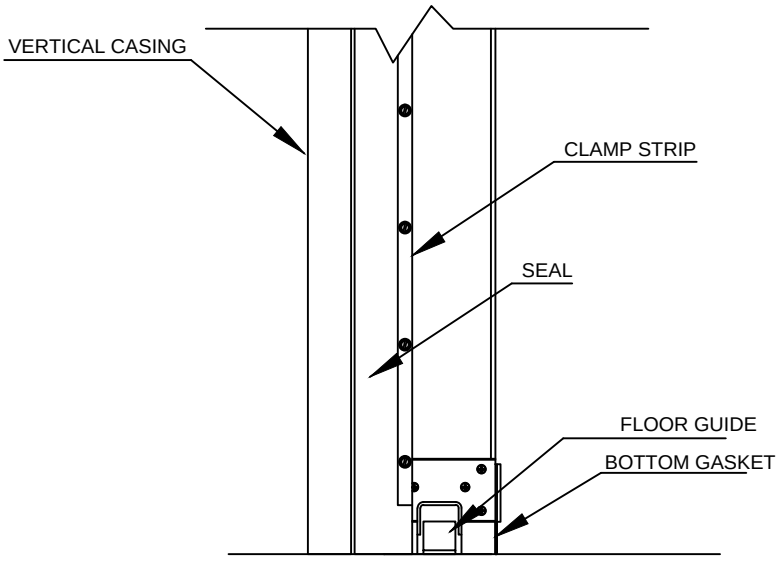
Eco Cold by Chase Doors
804.744.0700
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Eco-Cold Bi-PARTING DOOR INSTALLATION INSTRUCTIONS

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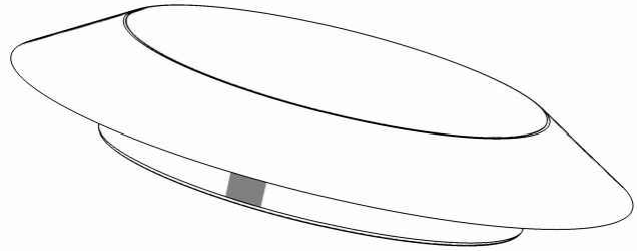


EHD ROLLER/HANGER BRACKET DETAIL
(SIDE VIEW)
NOT TO SCALE



TRAILING EDGE SIDE VIEW
(BOTTOM OF DOOR)
NOT TO SCALE

After installation has been completed and tested for proper operation, install the supplied cap plugs, shown below, in all counterbored holes in the white casing members.



Cut all carriage bolts flush with the nuts and install the supplied nut caps shown below.

