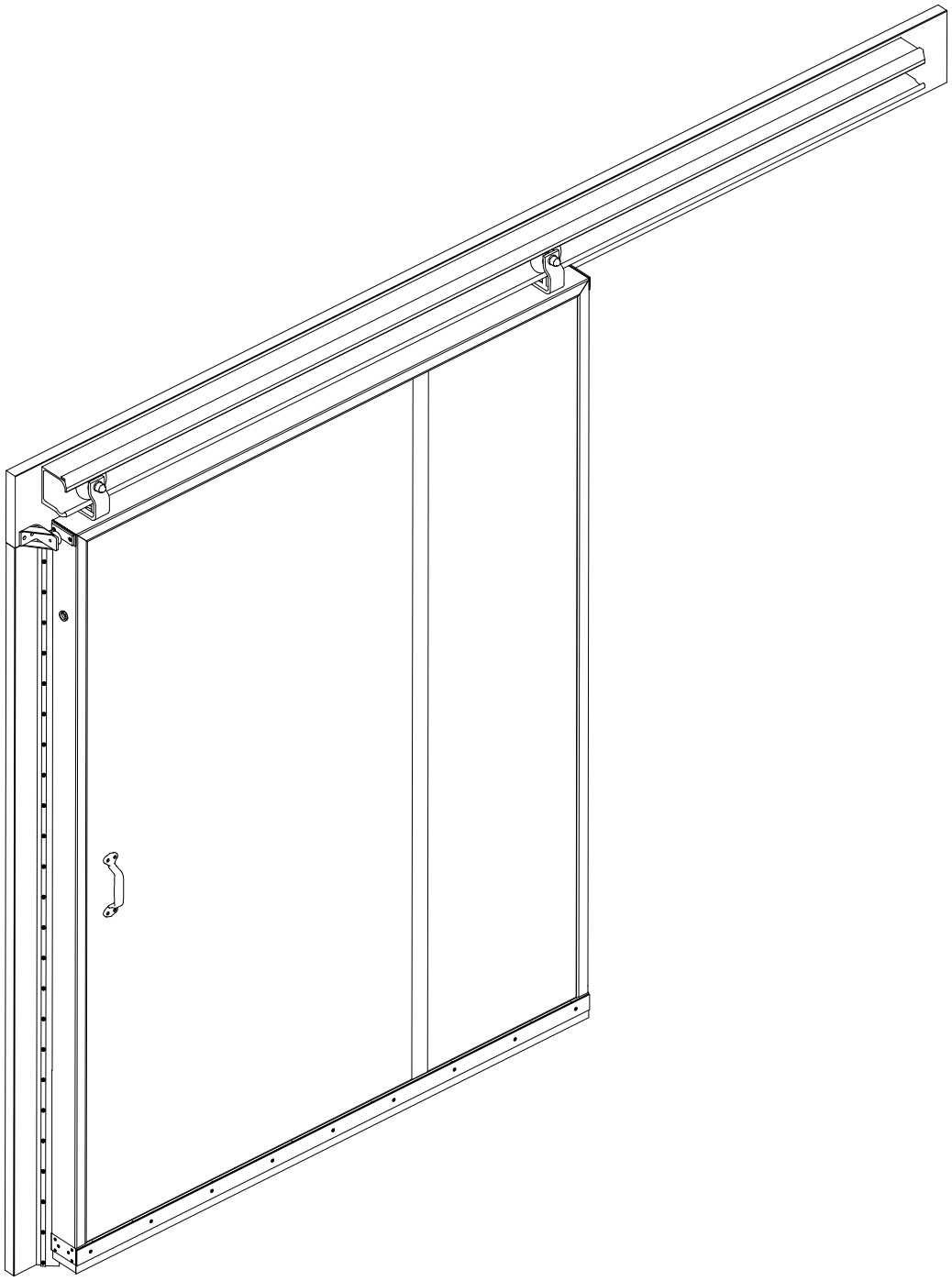
Eco-Cold Doors
SINGLE SLIDING MANUAL DOOR
MODEL SSM-EHD
INSTALLATION INSTRUCTIONS



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Eco-Cold MANUAL DOOR INSTALLATION INSTRUCTIONS

DRAWN BY: J.C.	DATE: 11/03/11

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:

Door serial # _____

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

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

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

Opening Direction: _____

Door Style: Freezer ☐ Cooler ☐ Door Heater (Freezer Doors Only): ☐ Volts AC: Watts: ☐

Door Type: MANUAL

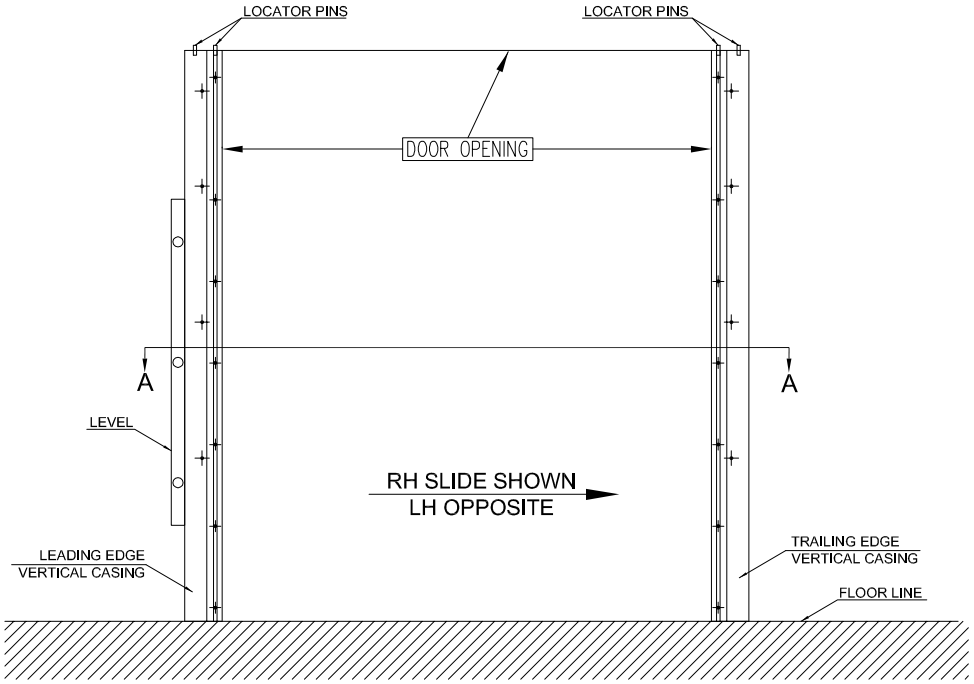
Door Operator Voltage: N/A

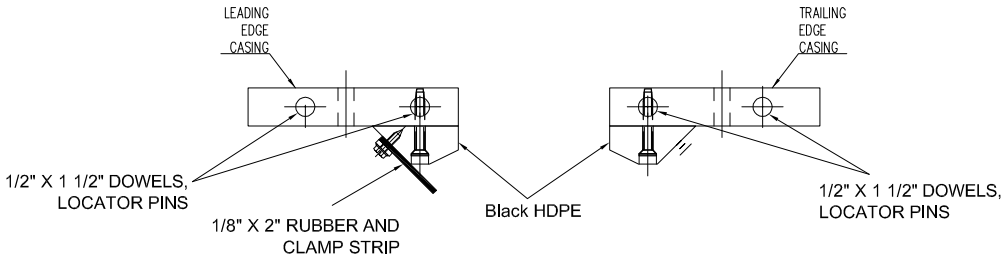
Door Activation Devices: N/A

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

Eco-Cold MANUAL DOOR INSTALLATION INSTRUCTIONS

DRAWN BY: J.C.	DATE: 11/03/11





SECTION A-A

LEADING EDGE VERTICAL CASING

STEP - 1. PREPARATION:

MEASURE WIDTH AND HEIGHT OF FRAMED OPENING AND COMPARE WITH DIMENSIONS GIVEN AT TIME OF ORDERING.

STEP - 2.

STAND THE CLOSED SIDE LEADING EDGE VERTICAL CASING UP TO THE WALL ALONG THE LEADING EDGE OF DOOR OPENING

STEP - 3.

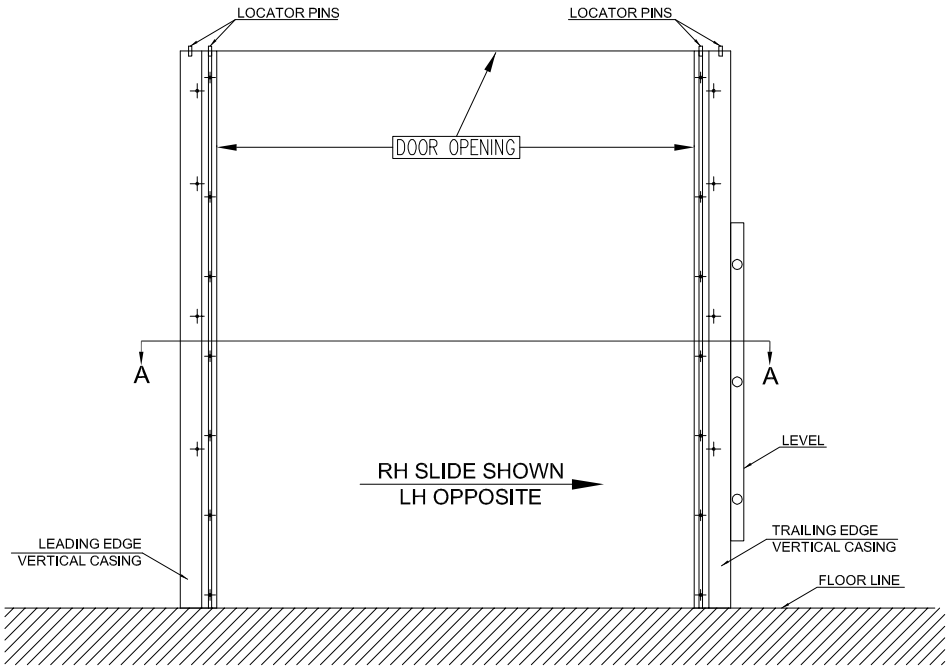
USING A LEVEL, MAKE SURE THE CASING IS STRAIGHT AND PLUMB.

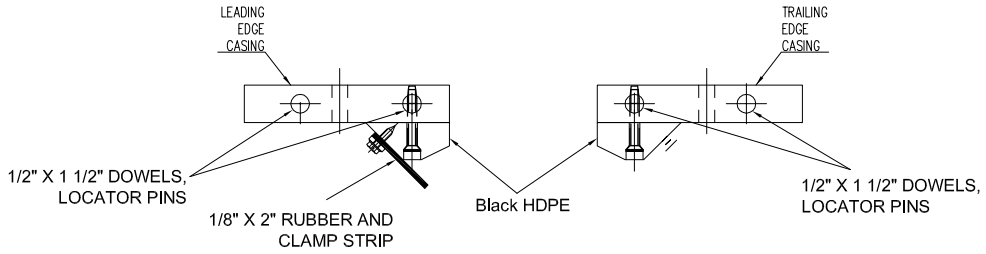
STEP - 4.

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.

Eco-Cold MANUAL DOOR INSTALLATION INSTRUCTIONS

DRAWN BY: J.C.	DATE: 11/03/11





SECTION A-A

TRAILING EDGE VERTICAL CASING

STEP - 1.

a) STAND THE TRAILING EDGE VERTICAL CASING UP TO THE WALL ALONG THE TRAILING 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.

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.

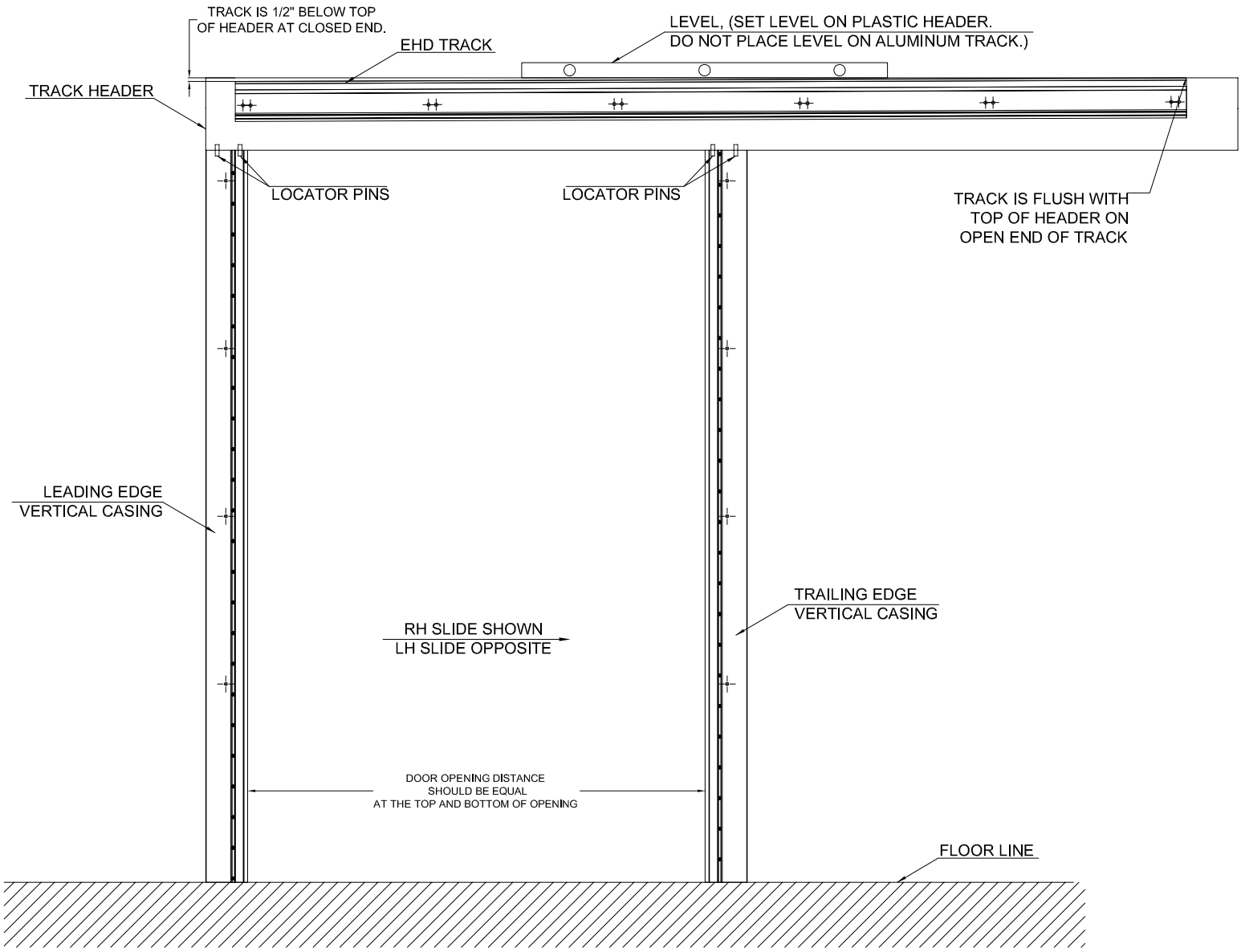
STEP - 3.

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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Eco-Cold MANUAL DOOR INSTALLATION INSTRUCTIONS

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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 TRAILING EDGE 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"! ALUMINUM TRACK IS SLOPED AS SHOWN ON ELEVATION ABOVE.

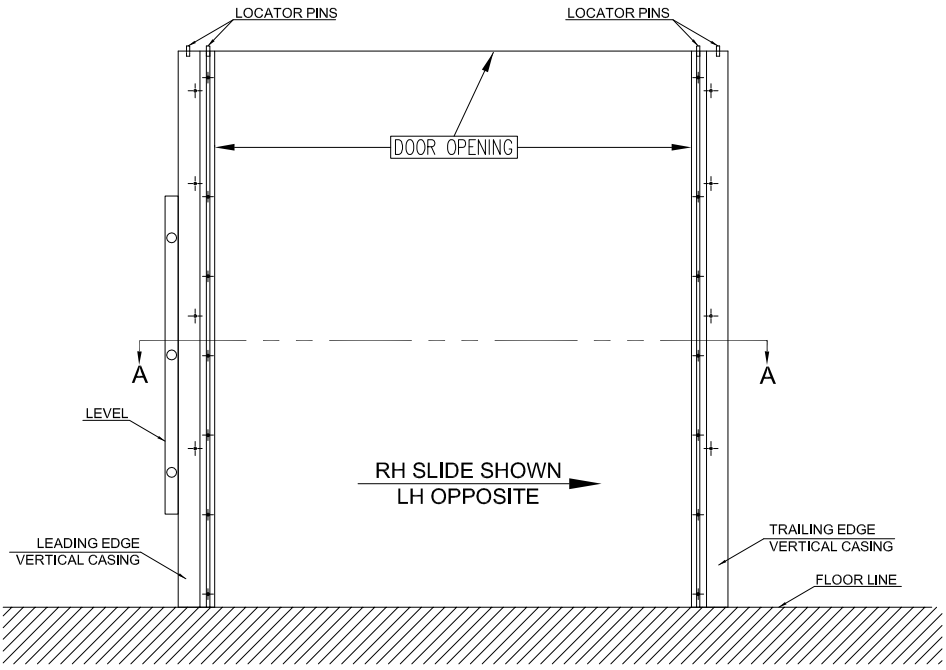
STEP - 3.

a) DRILL A $\frac{3}{8}$" HOLE THROUGH THE PRE-DILLLED HOLES IN THE HEADER AND VERTICAL CASINGS
b) USING THE CARRIAGE BOLTS 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.

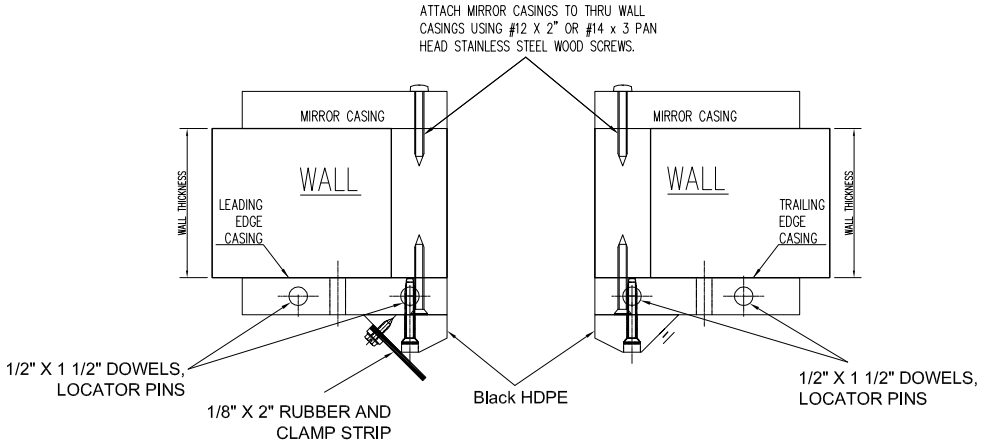
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Eco-Cold MANUAL DOOR INSTALLATION INSTRUCTIONS

DRAWN BY: J.C.	DATE: 11/03/11



For 1 1/2" thick thru wall casings (Finish Opening = Rough Opening Width - 3 ½" and Rough Opening Height - 1 ¾")
For 1" thick thru wall casings (Finish Opening = Rough Opening Width - 2 ½" and Rough Opening Height - 1 ¼")



SECTION A-A

LEADING EDGE VERTICAL CASING-THRU-WALL AND MIRROR CASINGS

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

STEP - 2.
a) STAND THE CLOSED SIDE LEADING EDGE VERTICAL CASING UP TO THE WALL ALONG THE LEADING EDGE OF DOOR OPENING (BY SLIDING THRU-WALL INTO ROUGH OPENING) AND MIRROR IMAGE VERTICAL CASING ON OPPOSITE SIDE OF PANEL OR WALL.
b) USING LARGE C-CLAMPS, LIGHTLY SECURE BOTH CASINGS TO THE PANEL OR WALL

STEP - 3.
GENTLY TAP THE MIRROR IMAGE VERTICAL CASING WITH A RUBBER MALLET TO ALIGN WITH THRU-WALL.

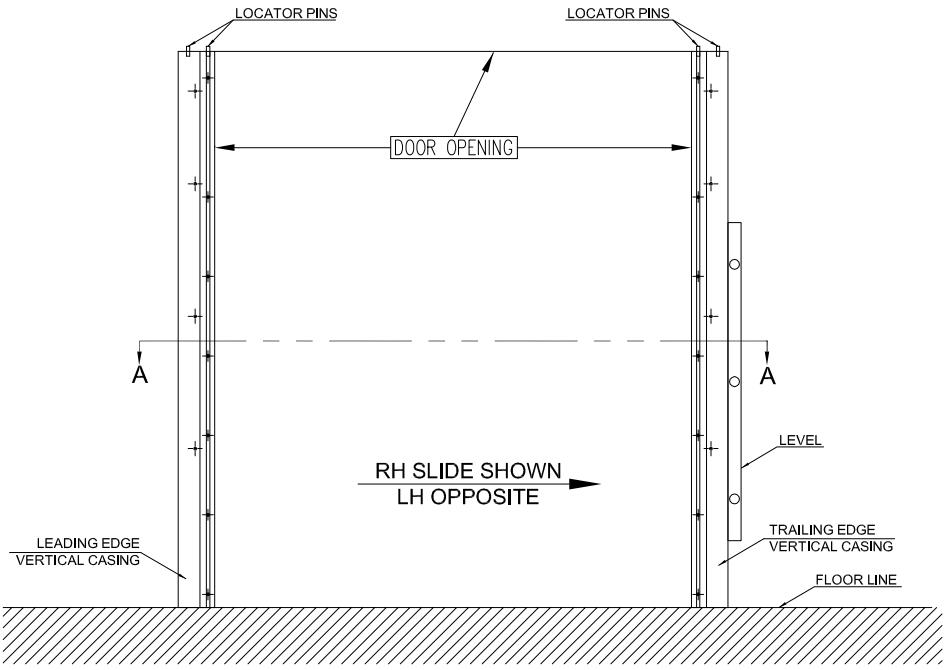
STEP - 4.
USING A LEVEL, MAKE SURE THE CASING IS STRAIGHT AND PLUMB.

STEP - 5.
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.

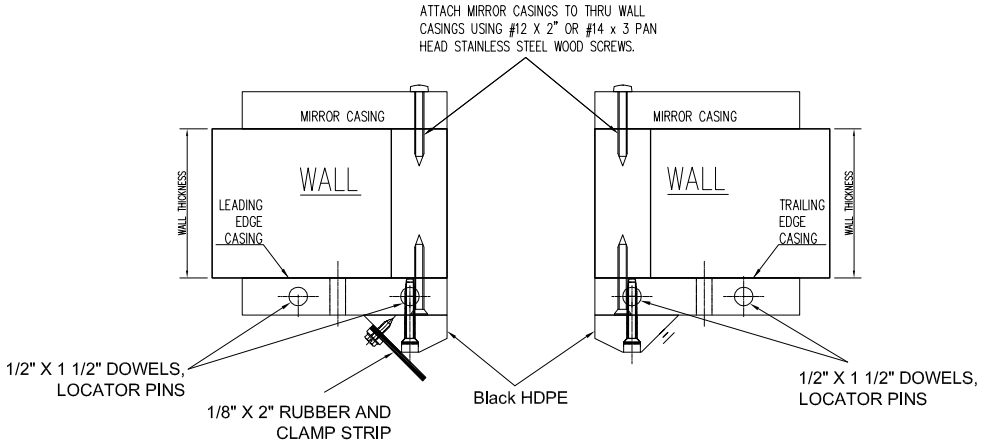
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Eco-Cold MANUAL DOOR INSTALLATION INSTRUCTIONS

DRAWN BY: J.C.	DATE: 11/03/11



For 1 1/2" thick thru wall casings (Finish Opening = Rough Opening Width - 3 ½" and Rough Opening Height - 1 ¾")
For 1" thick thru wall casings (Finish Opening = Rough Opening Width - 2 ½" and Rough Opening Height - 1 ¼")



TRAILING EDGE VERTICAL CASING - THRU-WALL AND MIRROR CASING

STEP - 1.

a) STAND THE TRAILING EDGE VERTICAL CASING UP TO THE WALL ALONG THE TRAILING EDGE OF DOOR OPENING (BY SLIDING THRU-WALL INTO ROUGH OPENING) AND MIRROR IMAGE VERTICAL CASING ON OPPOSITE SIDE OF PANEL OR WALL.

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

c) GENTLY TAP THE MIRROR IMAGE VERTICAL CASING WITH A RUBBER MALLET TO ALIGN WITH THRU-WALL.

d) USING LARGE C-CLAMPS, LIGHTLY SECURE BOTH CASINGS TO THE PANEL OR WALL

e) THIS CASING MAY HAVE TO BE ADJUSTED SLIGHTLY WHEN THE HEADER IS INSTALLED SO AS TO ALIGN WITH HOLES IN HEADER FOR LOCATOR PINS.

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.

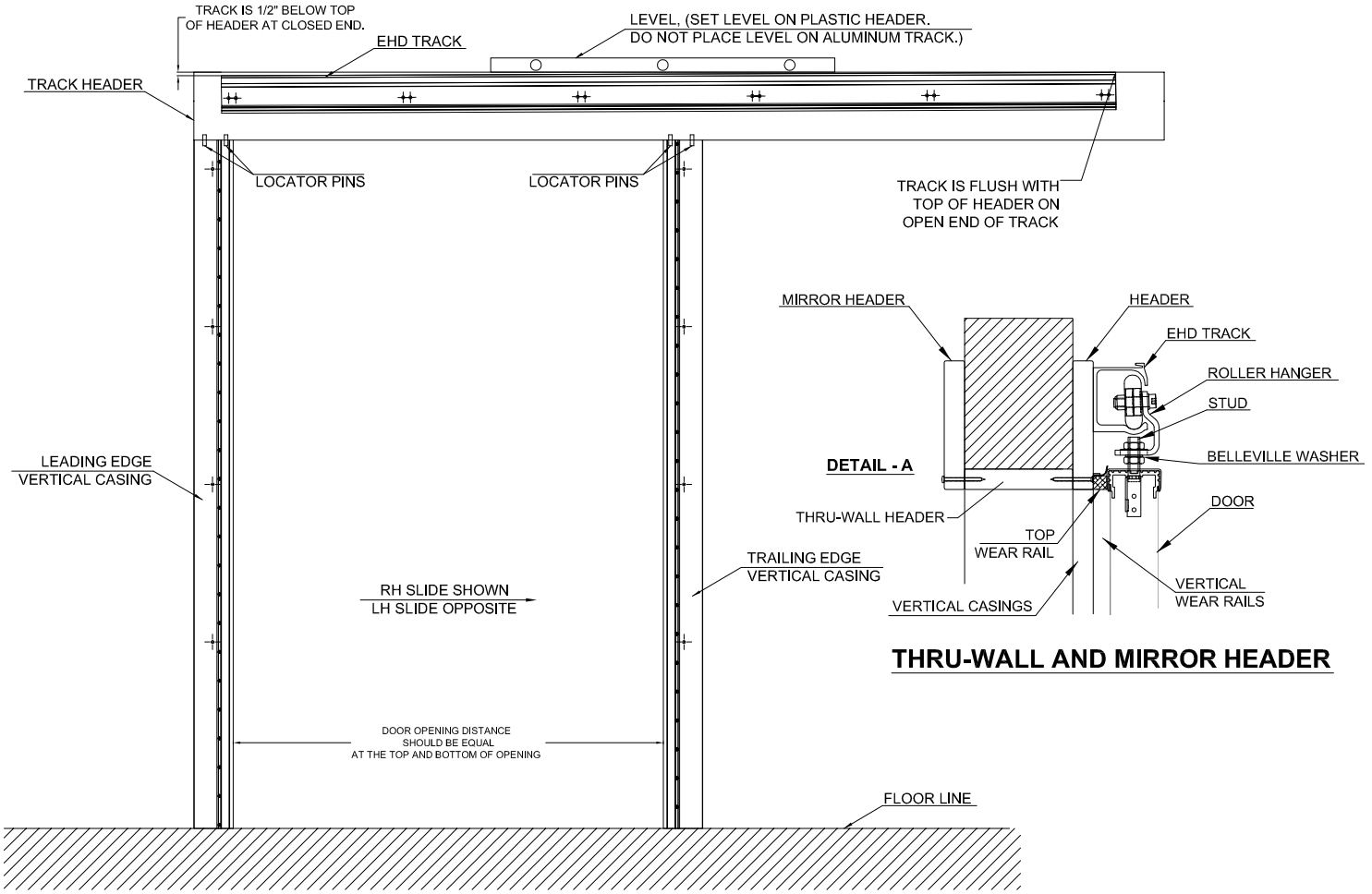
STEP - 3.

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THRU-WALL AND MIRROR HEADER

For 1 1/2" thick thru wall casings (Finish Opening = Rough Opening Width - 3 ½" and Rough Opening Height - 1 ¾")
For 1" thick thru wall casings (Finish Opening = Rough Opening Width - 2 ½" and Rough Opening Height - 1 ¼")

TRACK HEADER & VERTICAL CASING ASSEMBLY-THRU-WALL AND MIRROR HEADER

STEP - 1.

a) IF ORDERED, REMOVE THE COVER FROM THE TRACK.
b) USING PROPER METHOD OF LIFTING THE TRACK HEADER THRU-WALL AND MIRROR HEADER CASING, RAISE THEM ABOVE THE VERTICAL CASINGS.
c) WHILE LOWERING HEADER DOWN ONTO THE LOCATOR PINS, SLIDE THRU-WALL INTO ROUGH OPENING, AND MOUNT MIRROR HEADER TO OPPOSITE SIDE OF PANEL OR WALL.
d) AT THIS POINT IT MAY BE NECESSARY TO ADJUST THE POSITION OF THE TRAILING EDGE VERTICAL CASING SLIGHTLY TO ALIGN THE PINS.
e) USING LARGE C-CLAMPS, LIGHTLY SECURE BOTH CASINGS TO THE PANEL OR WALL.
f) GENTLY TAP THE MIRROR IMAGE VERTICAL CASING WITH A RUBBER MALLET TO ALIGN WITH THRU-WALL.

STEP - 2.

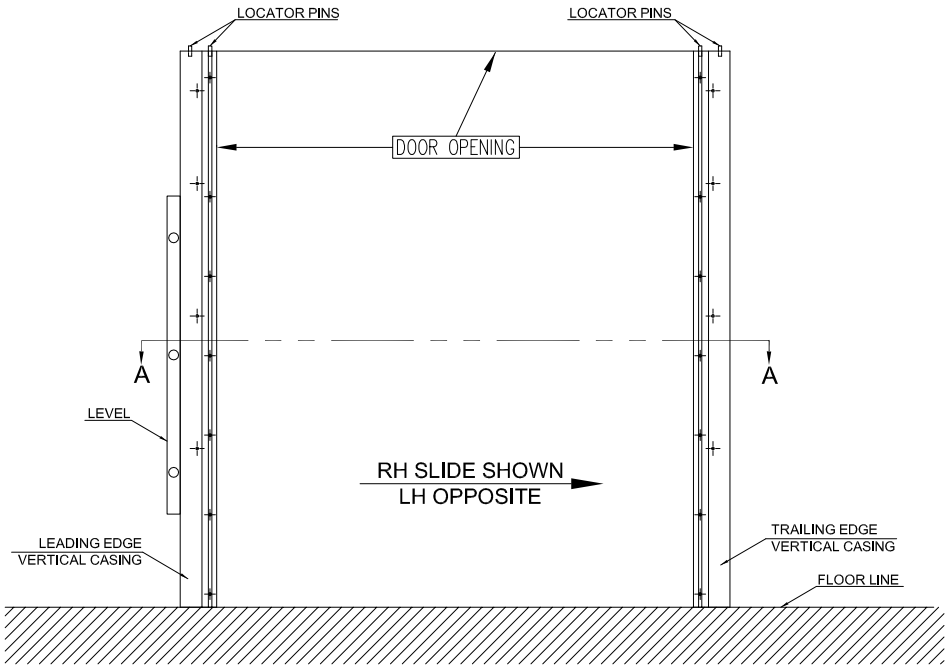
a) USING A LEVEL, CHECK TO MAKE SURE HEADER IS LEVEL, STRAIGHT AND TRUE. LEVEL THE MOLDED PLASTIC HEADER, "NOT THE ALUMINUM TRACK"! ALUMINUM TRACK IS SLOPED AS SHOWN ON ELEVATION ABOVE.

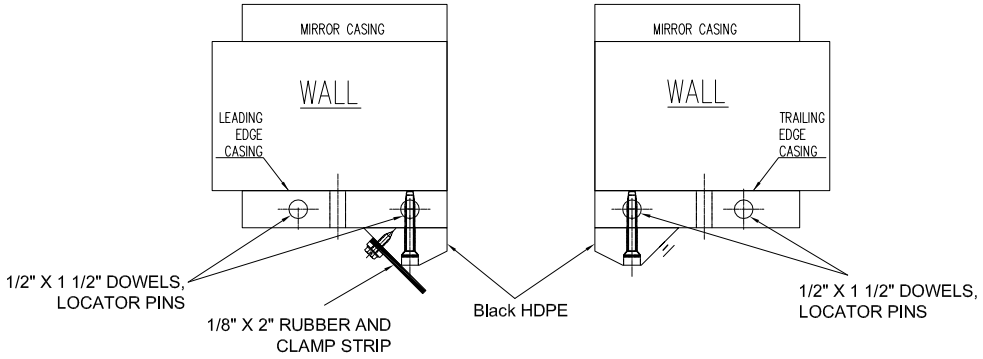
STEP - 3.

a) DRILL A ⅜" HOLE THROUGH THE PRE-DILLLED HOLES IN THE HEADER AND VERTICAL CASINGS
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.

Eco-Cold MANUAL DOOR INSTALLATION INSTRUCTIONS

DRAWN BY: J.C.	DATE: 11/03/11





SECTION A-A

LEADING EDGE VERTICAL CASING- MIRROR CASINGS

STEP - 1. PREPARATION:

MEASURE WIDTH AND HEIGHT OF FRAMED OPENING AND COMPARE WITH DIMENSIONS GIVEN AT TIME OF ORDERING.

STEP - 2.

a) STAND THE CLOSED SIDE LEADING EDGE VERTICAL CASING AND MIRROR IMAGE CASING ON OPPOSITE SIDE OF WALL UP TO THE WALL ALONG THE LEADING EDGE OF DOOR OPENING.

b) USING LARGE C-CLAMPS, LIGHTLY SECURE BOTH CASINGS TO THE PANEL OR WALL

STEP - 3.

GENTLY TAP BOTH VERTICAL CASINGS WITH A RUBBER MALLET TO ALIGN WITH DOOR OPENING.

STEP - 4.

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

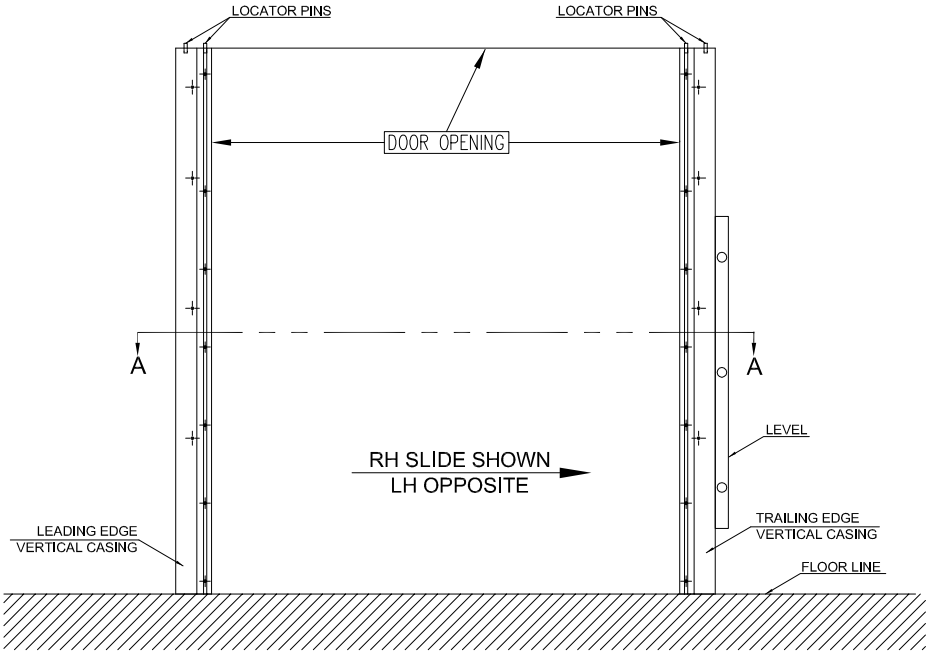
STEP - 5.

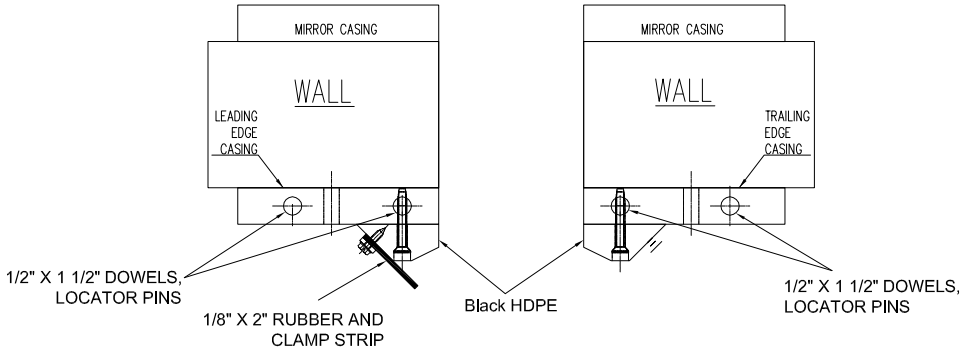
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Eco-Cold MANUAL DOOR INSTALLATION INSTRUCTIONS

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SECTION A-A

TRAILING EDGE VERTICAL CASING - MIRROR CASINGS

STEP - 1.

a) STAND THE TRAILING EDGE VERTICAL CASING AND MIRROR IMAGE CASING ON OPPOSITE SIDE OF WALL UP TO THE WALL ALONG THE TRAILING 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) GENTLY TAP THE MIRROR IMAGE VERTICAL CASING WITH A RUBBER MALLET TO ALIGN WITH OPENING.
d) USING LARGE C-CLAMPS, LIGHTLY SECURE BOTH CASINGS TO THE PANEL OR WALL
e) THIS CASING MAY HAVE TO BE ADJUSTED SLIGHTLY WHEN THE HEADER IS INSTALLED SO AS TO ALIGN WITH HOLES IN HEADER FOR LOCATOR PINS.

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.

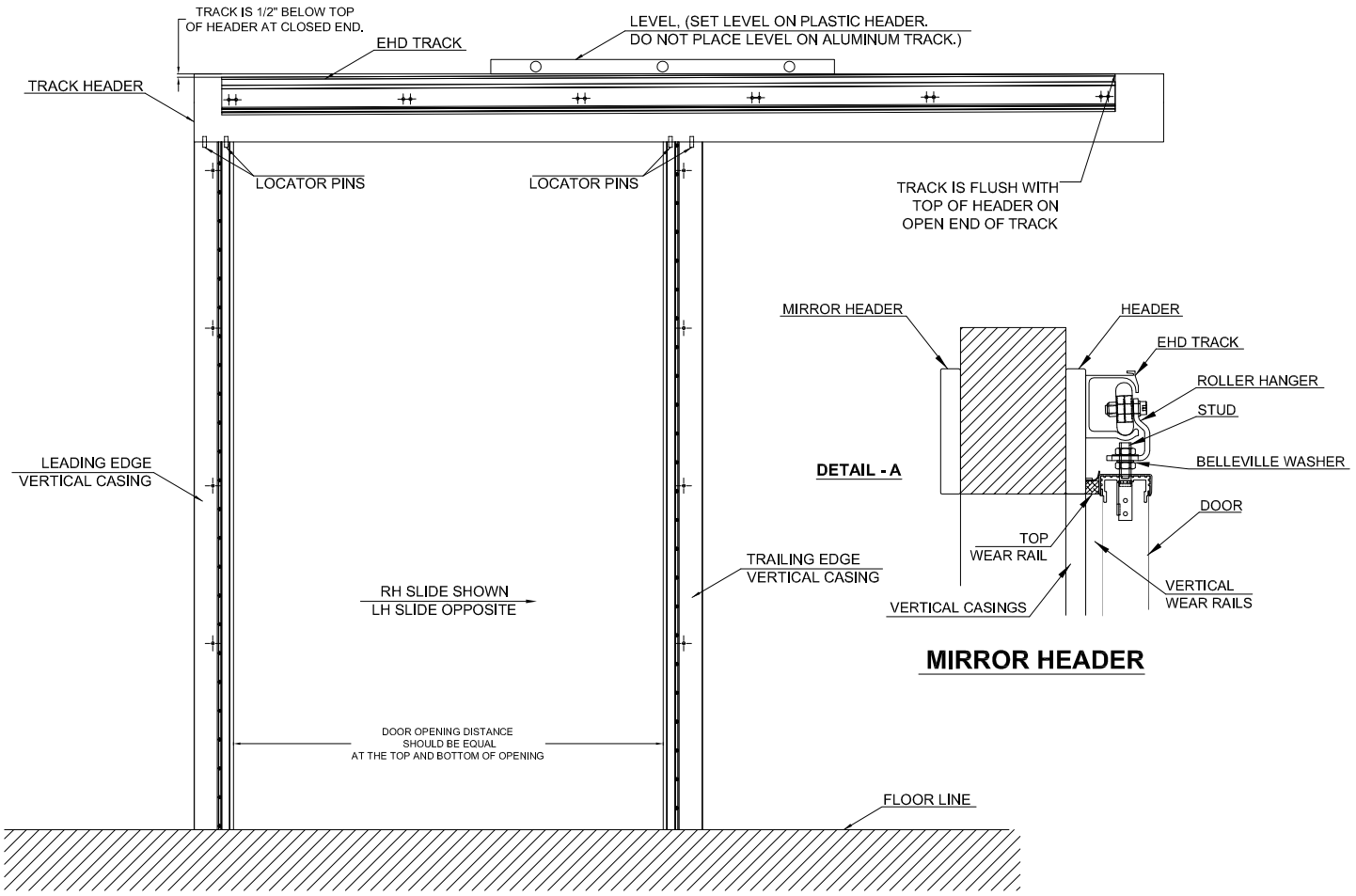
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MIRROR HEADER

TRACK HEADER & VERTICAL CASING ASSEMBLY- MIRROR HEADER

STEP - 1.

a) IF ORDERED, REMOVE THE COVER FROM THE TRACK.
b) USING PROPER METHOD OF LIFTING THE TRACK HEADER AND MIRROR HEADER CASING, RAISE THEM ABOVE THE VERTICAL CASINGS.
c) WHILE LOWERING HEADER DOWN ONTO THE LOCATOR PINS, MOUNT MIRROR HEADER TO OPPOSITE SIDE OF PANEL OR WALL.
d) AT THIS POINT IT MAY BE NECESSARY TO ADJUST THE POSITION OF THE TRAILING EDGE VERTICAL CASING SLIGHTLY TO ALIGN THE PINS.
e) USING LARGE C-CLAMPS, LIGHTLY SECURE BOTH CASINGS TO THE PANEL OR WALL.
f) GENTLY TAP THE MIRROR IMAGE VERTICAL CASING WITH A RUBBER MALLET TO ALIGN WITH OPENING.

STEP - 2.

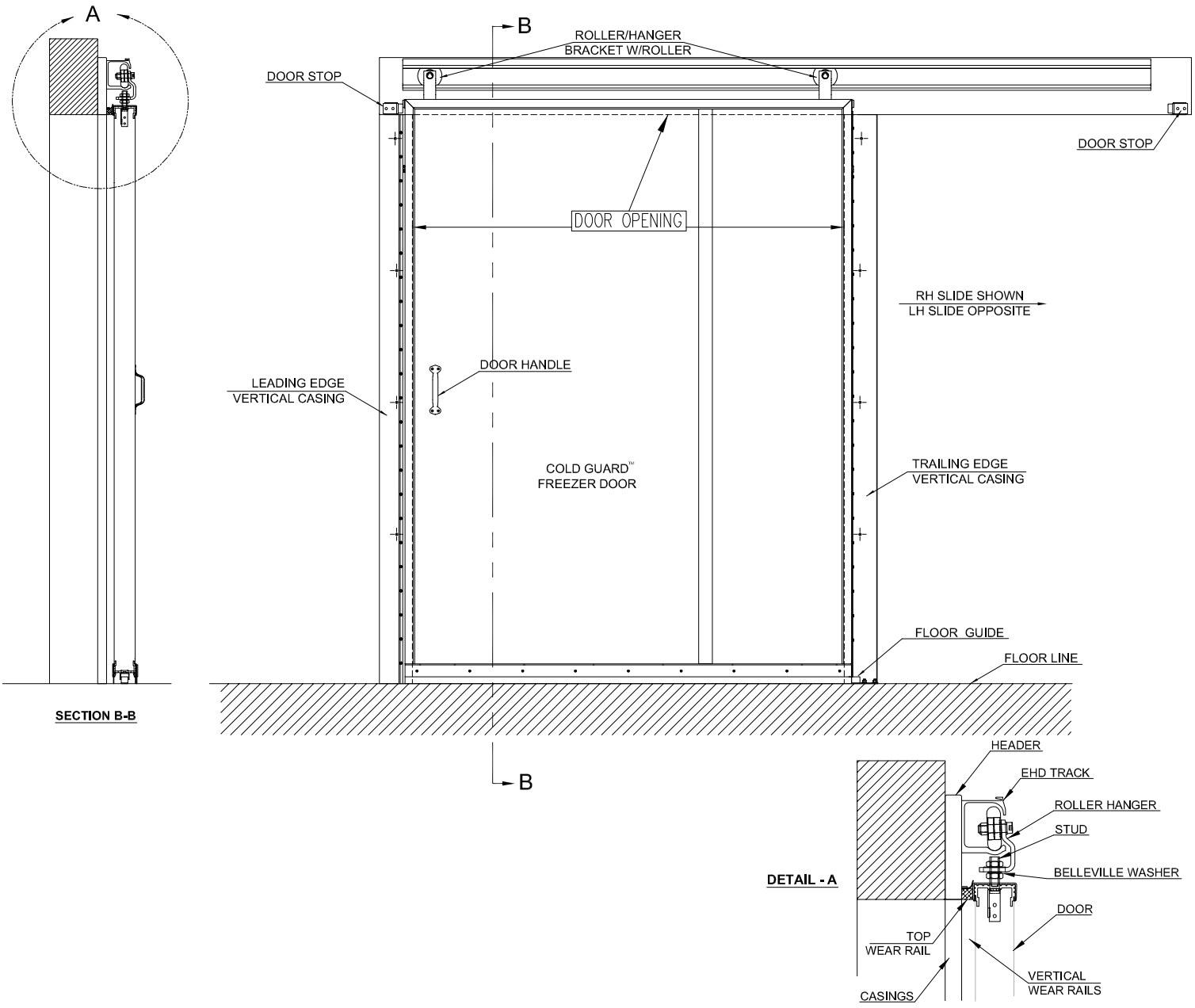
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STEP - 3.

a) DRILL A $\frac{3}{8}$" HOLE THROUGH THE PRE-DILLLED HOLES IN THE HEADER AND VERTICAL CASINGS
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.

Eco-Cold MANUAL DOOR INSTALLATION INSTRUCTIONS

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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 THE 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) ADJUST THE HEIGHT OF THE DOOR SO THAT THE SEAL IS JUST TOUCHING THE FLOOR.(SEAL IS ONLY ADJUSTABLE AT THE THE FRONT OF THE DOOR).

STEP - 3. (SEE DETAIL - A)

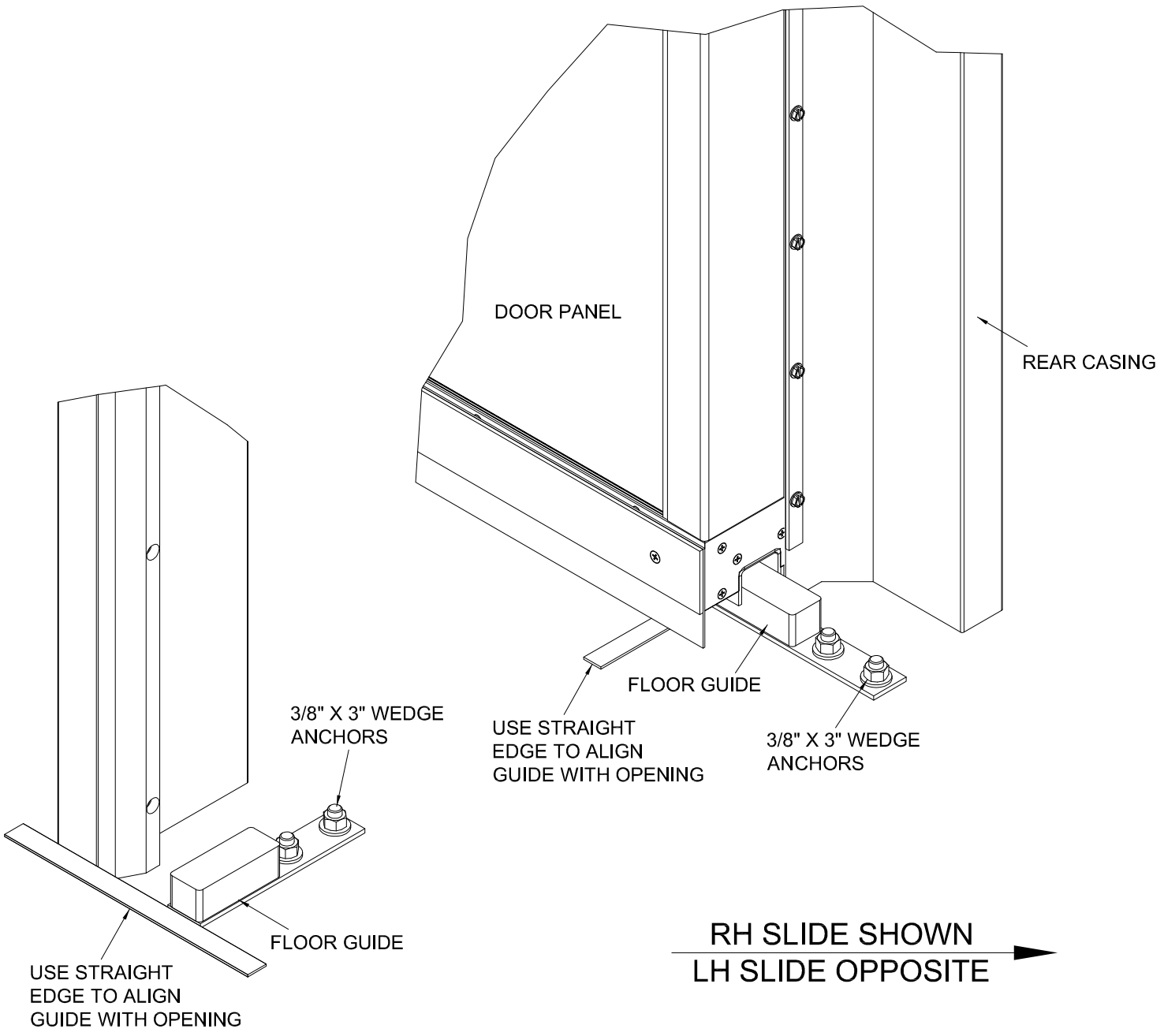
a) PUSH THE DOOR "IN" TOWARDS THE WEAR RAILS ON THE VERTICAL CASINGS AND TOP HEADER WEAR RAIL SO THAT YOU HAVE A GOOD SEAL. LEAVE A $\frac{1}{16}$" GAP BETWEEN DOOR AND RAILS.

b) YOU MUST HAVE THE DOOR SLIGHTLY OPEN SO THAT THE DOOR WILL REST AGAINST THE WEAR RAIL WITHOUT PINCHING THE RUBBER SEAL ON THE LEADING EDGE SIDE AGAINST THE WEAR RAIL.

c) TIGHTEN THE NUTS ON THE STUD.

Eco-Cold MANUAL DOOR INSTALLATION INSTRUCTIONS

	DRAWN BY: J.C.	DATE: 11/03/11	



FLOOR GUIDE 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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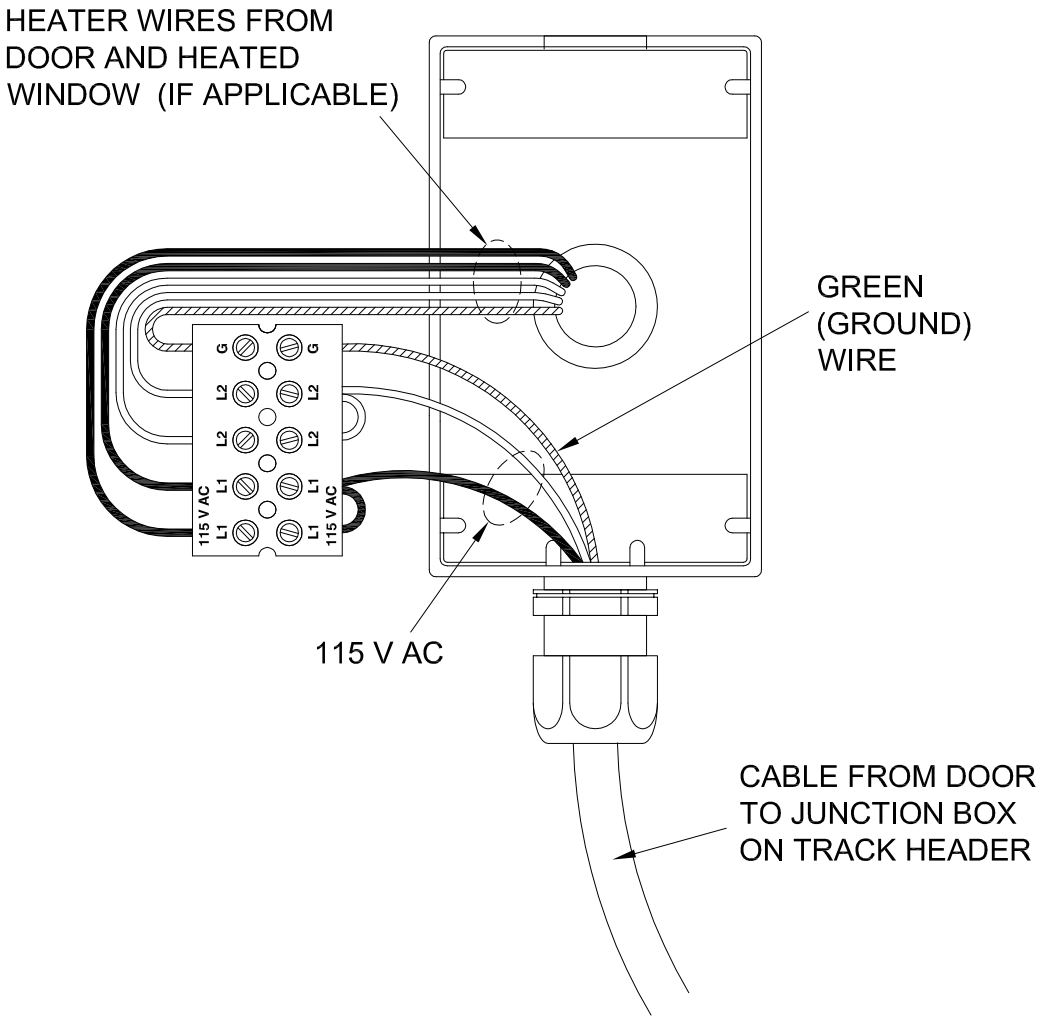
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ELECTRICAL CONNECTIONS-DOOR JUNCTION BOX

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.

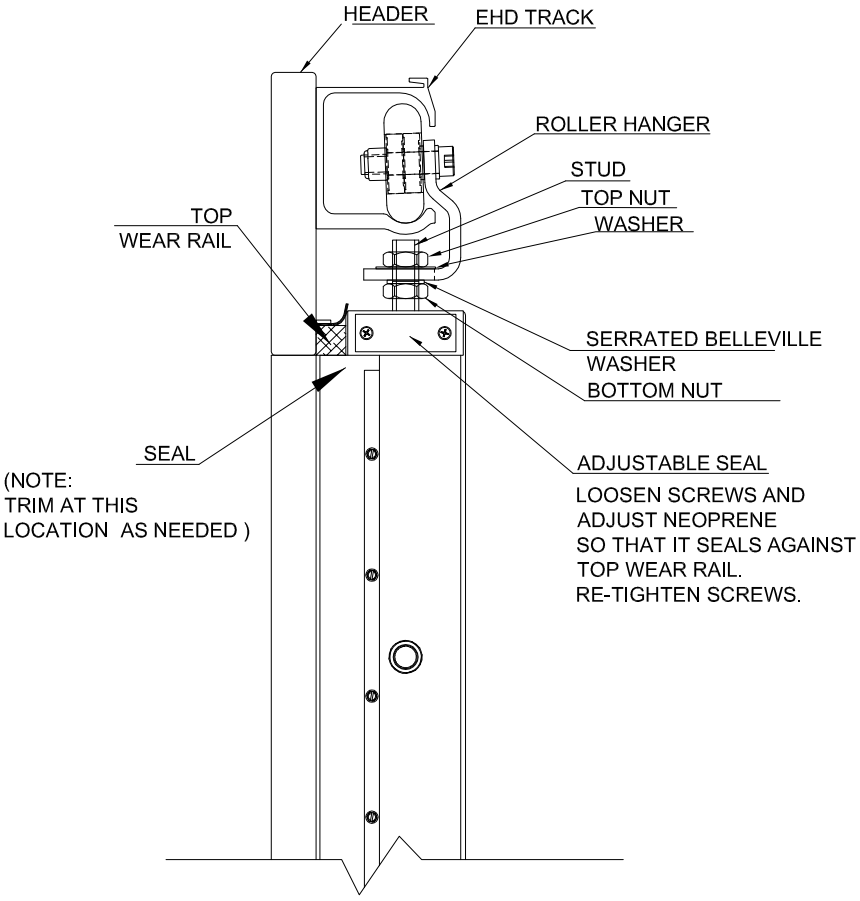
Heater(s) must connect to branch circuit overcurrent device of 15 amps.



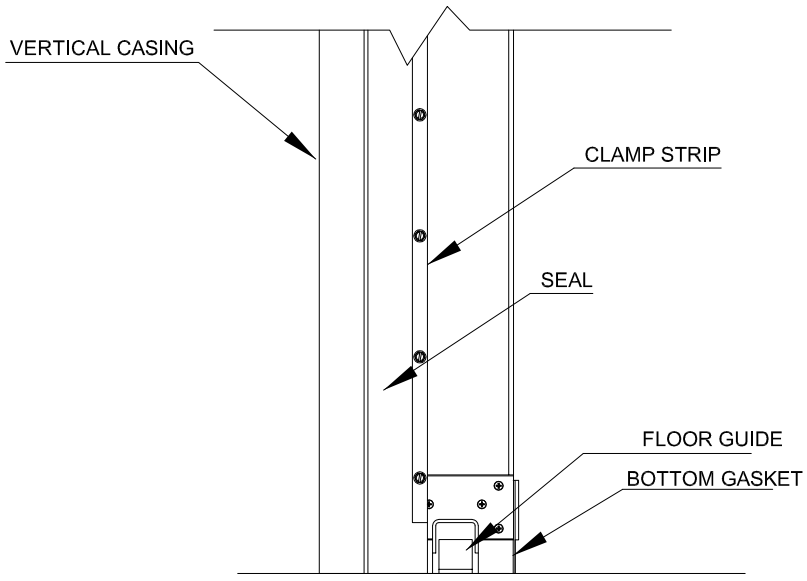
FREEZER APPLICATION

Eco-Cold MANUAL DOOR INSTALLATION INSTRUCTIONS

DRAWN BY: J.C.	DATE: 11/03/11

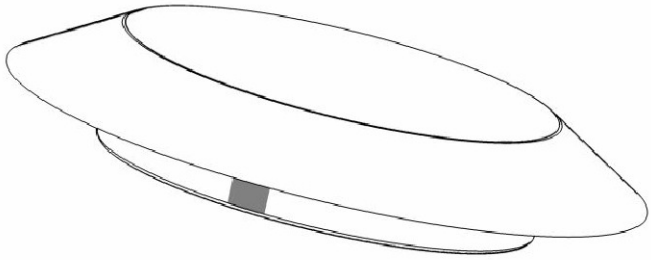


EHD ROLLER/HANGER BRACKET DETAIL
(SIDE VIEW)
NOT TO SCALE

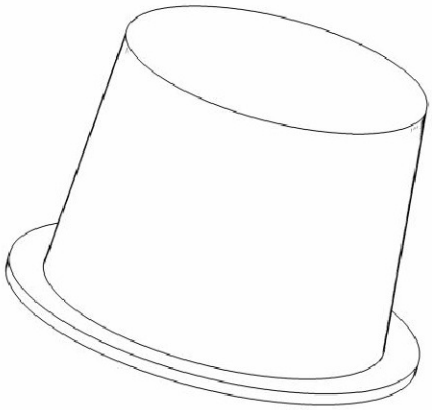


TRAILING EDGE SIDE VIEW
(BOTTOM OF DOOR)
NOT TO SCALE

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



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



Check gaskets around perimeter of door. Depending on field conditions, gaskets may have to be trimmed to insure that door gaskets seal as desired.

804.744.0700
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ADJUSTING THE TRACK MOUNTED HOLD CLOSED

IMPORTANT: To insure the proper sealing of the door, the track mounted hold closed must be adjusted. The stop works by holding the upper roller in place when the door is closed.

Find the track mounted hold closed device that is mounted on the track near the left end for right hand to open doors and near the right end for left to open doors. To achieve a tighter seal, loosen the two nuts and slide the hold closed device toward the closing end of the track and re-tighten the nuts. If the seal is too tight, loosen the nuts and slide the hold closed device away from the closing end of the track.

