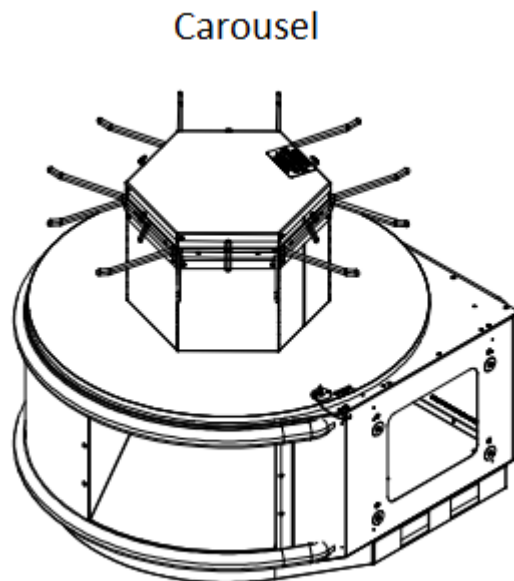
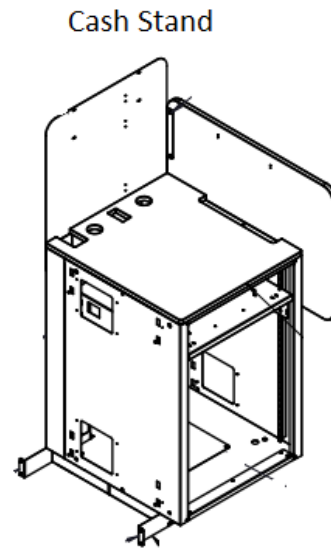
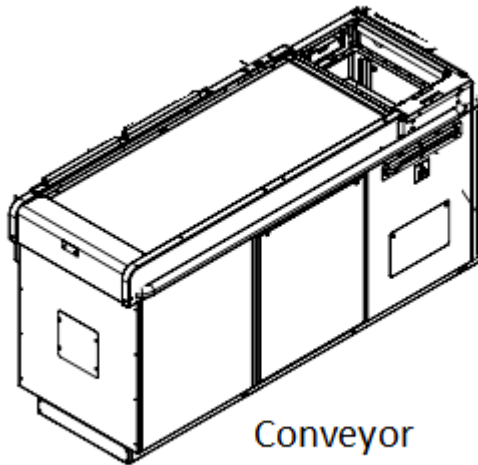


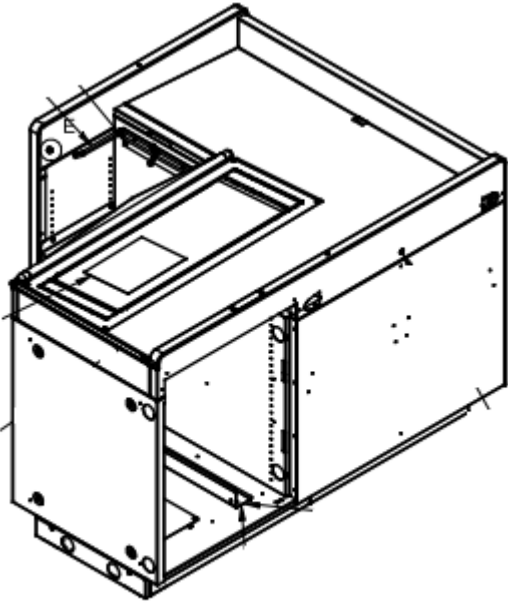
Installation Manual Belted Check Lanes



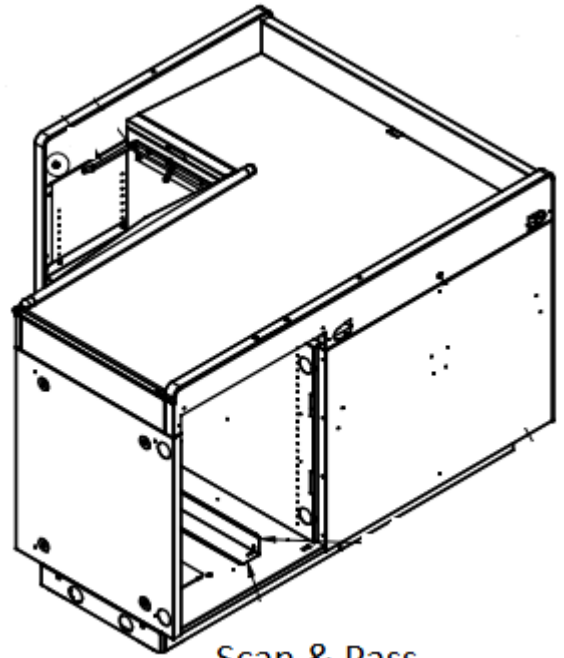
BELTED LANES QUICK REFERENCE GUIDE

This document serves as a quick reference guide only.
The complete installation manual should be read before and throughout the installation process.

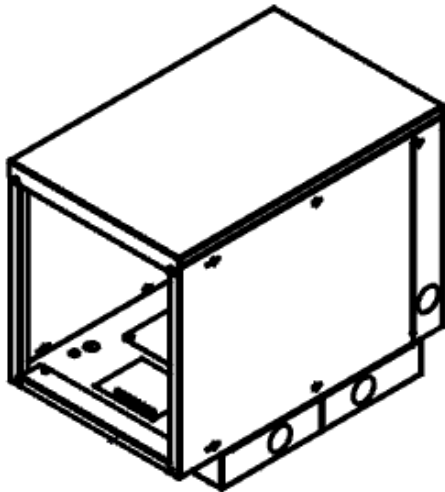




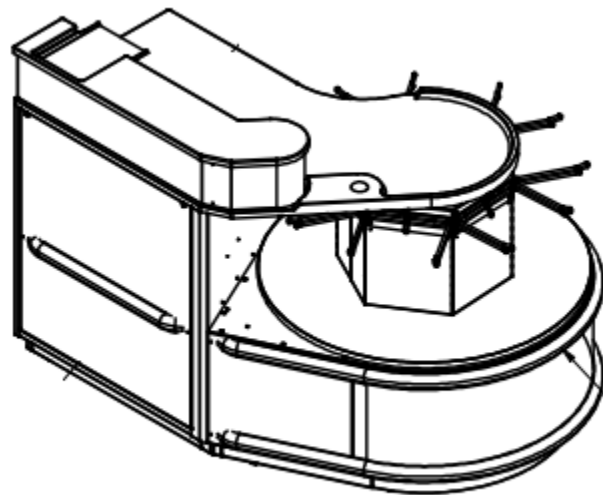
Power Take-Away



Scan & Pass



Express Bagger



Ergo

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GENERAL INFORMATION

PRODUCT LIABILITY INFORMATION

Read this manual before installing the checkout lanes or cabinets. This manual contains cautions and warnings to observe, installation\ layout drawings, and maintenance instructions. Failure to follow these instructions could cause personal injury, damage to the product, and could void the warranty. Keep this manual with the units at all times for quick reference.

SPECIFICATION CHANGES

Pan-Oston policy is to improve products as new technology, components, and materials become available. Pan-Oston, therefore, reserves the right to change certain specifications without prior notice.

ELECTRICAL CODE COMPLIANCE

Before installation of this Pan Oston product, check with local building code agency to ensure you are in compliance with all codes. An electrical wiring diagram, showing the electrical needs of each Pan-Oston product, is taped to the cover of the electrical control box\or receptacle package inside the units.

If you wish to order replacement parts or if technical service is required, please contact the Field Operations Department at the numbers listed below:

PAN- OSTON
6944 Louisville, Rd
Bowling Green, KY. 42101
Tel. 800-472-6678

RECEIVING INSTRUCTIONS

*******WARNING*******

Do not place or transport any cabinet on its side at any time. This may result in internal and/or external damage to the cabinet or its components.

1. **DELIVERY**—Most Pan-Oston Units are shipped by moving van, blanket wrapped, with precise scheduled delivery and freight charges pre-paid. Some models require varying degrees of assembly dependent upon model shipped, means, and destination of shipment.
2. **MAJOR COMPONENT SORTING AND COUNTING**—Pan-Oston Units consist of major components and optional accessories to be installed after delivery. Identify and count all components as they are unloaded. Check quantities received against quantities shown on the bill of lading. Report any discrepancies at once to the Pan-Oston Field Operations Department at **1-800-472-6678**.
3. **COMPONENT IDENTIFICATION**—All components are shipped with a label showing their individual Bill of Material or “BM” number. This is used to identify the component on the Bill of Lading and at Pan-Oston.
4. **BILL OF LADING**—Examine each Pan-Oston component for damage when unloading. If damage is found, report it **IMMEDIATELY** to the Pan-Oston Field Operations Department at **1-800-472-6678**. A description and the extent of the damage must be noted and acknowledged on the bill of lading. The identical description of damage must also be noted on the Bill of Lading and returned to the truck driver.
5. **DAMAGED MATERIALS**—All damaged materials are to be retained at the store until disposition advisement has been received from Pan-Oston.
6. **DIRECT DROP SHIPMENTS**—In order to minimize the risk of handling damage, some equipment may be packed and shipped separately from a different location. When received, this equipment must be inspected for discrepancies and damage as per these guidelines.
7. **Failure to report damage or discrepancies, at the time of delivery, constitutes that all items were received in full and in acceptable condition.**

No claims shall be honored after this time unless approved by Pan-Oston.

CLEANING INSTRUCTIONS

To maintain the overall appearance and proper operation of your Pan-Oston units, please follow the recommended cleaning procedures on the materials that pertain to the type of material product you purchased:

Belt Cleaning

Clean conveyor belt at least once a week with a solution of mild dish detergent and water – mixed at a 10:1 ratio.

Photo Sensors

(If Applicable) Clean photo sensor lenses daily with Q-tips and common rubbing alcohol only.

Stainless Steel Surfaces

Clean with non-abrasive ammonia cleaner and rinse with clear water. Wipe dry with a soft cloth.

Caution: High-strength cleaners will damage the protective coating on the stainless steel and may make the stainless steel susceptible to corrosion.

Painted Surfaces \ Laminates \ Kydex

Clean weekly with a solution of mild dish detergent and water only.

Plexi-Glass \ Lexan

Clean with non-abrasive ammonia cleaner and rinse with clear water. Wipe dry with a soft cloth.

Scanner Edge Guard

Clean daily or as needed with a solution of mild dish detergent and water only.

Paint Scratches

Obtain paint from local paint supplier. Using paint and small brush, fill in the discrepant areas. Contact Pan Oston for color specifications.

RETURN MATERIALS AUTHORIZATION

When it is deemed necessary to return merchandise, the returns must first be approved by Pan-Oston. Pan-Oston reserves the right to refuse the return of any merchandise. Returns may be accepted until **30** days from the onsite date, subject to the following:

1. Prior to returning items, the Pan Oston Field Operations Department must be contacted (**1-800-472-6678**), and a return materials authorization number must be issued.
2. An explanation as to why the item(s) are being returned must be furnished at this time. Pan Oston reserves the right to reject any request for return.
3. **NO REPLACEMENT**. The shipping charges on any non-warranty item(s) being returned for credit only, must be prepaid by the purchaser, and must be received within 30 days of receiving the original shipment.
4. **REPLACEMENT**. When an item(s) under warranty are being returned, the cost of the replacement item(s) and associated shipping costs will be invoiced to the purchaser. Providing the defective item(s) are received by Pan Oston within 30 days of the issuance of the RMA number, the purchaser's account will be credited the cost of the item and shipping costs in accordance with the specified warranty of the item. If the item(s) are not received by Pan Oston within 30 days of the issuance of the RMA number, no credit will be given and the purchaser's account will be charged for the cost of the item and shipping costs.
5. All packages and accompanying paper work must be clearly marked with the return material authorization number on the outside of the container.
6. Returned items must be in new and resalable condition.
7. Returns of used or special order items are not accepted for return at any time.
8. Non-warranty items being returned will be assessed a 25% restocking fee.

WARNING !

IMPORTANT SAFETY INSTRUCTIONS

The symbols and instructions below alert you to important Safety Precautions to follow.

YOUR PERSONAL SAFETY IS AT RISK !



The exclamation point within an equilateral triangle is intended to alert the user to the important operating and maintenance (servicing) instructions in the literature accompanying these units.



The lightning flash with an arrowhead of an equilateral triangle is intended to alert the user to the presence of dangerous voltages within the products enclosure. If not careful, these voltages are of sufficient magnitude to constitute an electric shock to persons.

BEFORE REQUESTING SERVICE

If your checkout lane is not operational, please follow the guidelines below BEFORE requesting service from Pan Oston:

- 1) Have an electrician or store maintenance person verify the checkout lanes are connected to a power source.
- 2) Make sure the front conveyor main power switch(s) are turned to the **ON** position.
- 3) Clean the photo sensors with a cotton swab and rubbing alcohol only. The photo sensor hole openings are located on each side of the stainless-steel side skirts just before the scanner.
- 4) Check the adjustment of the scanner edge guard against the conveyor belt. The correct gap is .40mm or .0165 decimal inches or the thickness of a standard business card. Make any necessary adjustments by turning the adjustment screws on each side of the scanner trim.
- 5) Check the alignment of the conveyor belt. If the belt is not properly tracking, (equal spacing on each side), notify management or in-store maintenance.

BELT TRACKING IS THE RESPONSIBILITY OF THE EQUIPMENT PURCHASER AND IS NOT WARRANTED BY PAN OSTON.

Refer to the pages following for belt tracking\tensioning procedures.



Field Operations Department

**Bowling Green, KY
1(800) 472-6678**

BELT TRACKING PROCEDURES

ATTENTION INSTALLER \ PURCHASER

Necessary belt tracking adjustments are to be done at the time of installation by the persons doing the install. Following are the steps to follow when making tracking adjustments to the front conveyor belt:

1. Turn power on to the lane. The conveyor belt must be moving when making tracking adjustments.
2. A belt can be made to run continuously by manually breaking the photo sensor beam. An alternate way is to adjust the front conveyor scan trim to create a 1/4" gap between it and the belt. Next, make a "tent" of electrical tape, and stick it on the belt so that on each full belt revolution, the photo sensor beam is momentarily broken and the time-out cycle is restarted.
3. To access the motor tracking bolts, remove the scanner from inside the scanner plate to view the tracking bolt located on the customer side.
4. With the belt moving, using a 9/16" open-end wrench, turn the bolt **clockwise** to move the belt **away** from the side rail where the adjustment is made. Turn the bolt **counter clockwise** to move the belt **toward** the side rail where the adjustment is made.
5. Make all adjustments in half turn increments. Allow 6 belt revolutions between each increment to allow the belt enough time to move in accordance with adjustment made. If the belt is not tracking properly at the scanner end, the tensioning bolt must be adjusted.
6. To access the conveyor-tensioning bolt, remove the retaining screws from the stainless-steel nose plate at the front of the conveyor.
7. To move the belt toward the cashier side, turn the adjustment bolt **clockwise**.
8. To move the belt **away** from the cashier side, turn the adjustment bolt **counter clockwise**.
9. After the completion of the belt tracking adjustments, remove the "tent" of electrical tape, adjust the pvc debris diverter gap to .40mm or .0165 decimal inches or approximately the thickness of a standard business card, and reinstall the stainless-steel nosepiece and the scanner unit.

USER-MAINTENANCE INSTRUCTIONS

MOTOR \ IDLER \ PHOTO SENSOR AND BELT REPLACEMENT



Make certain all power is turned **OFF** to the lane before performing any part or component replacements.

The motor is contained and sealed in the drive roller. No parts can be replaced within the roller.

To Replace the Roller Motor:

NOTE: *This maintenance procedure will require two persons*

1. Make certain that the belt control switch is in the **OFF** position and that the check stand power has been disconnected from the store power.
2. Remove the nose piece at the front end of the conveyor.
3. Remove the black mounting screws (8) that attach the cassette housing to the conveyor frame.
4. Remove the cassette from the frame by placing your hands under each side of the belt and pulling forward and up, approximately (2) feet until the bottom of the cassette housing rests on the conveyor frame.
5. Move to the rear of the cassette. Allow one person to lift the cassette, while the other person places a support (ex: wooden 2x4 board or 3' level) under the housing and on top of the conveyor rails. The cassette housing can now rest on the support piece
6. Using a 9/16" wrench or socket, turn the tracking bolts, (2) in front & a 7/16" wrench for the (1) in rear, counter clockwise to loosen the belt.
7. Remove the side access panel (customer side) and unwire the motor cable from the inside the conveyor. Mark the wire locations in order to ensure the new motor is wired correctly when it is installed.
8. Remove the control box cover, disconnect the motor wires, and pull the motor wires through the conveyor routing holes.
9. Remove the defective motor from the cassette housing and replace it with the new motor. Reattach the motor cable wires in the same location as removed.
10. To install the replacement roller motor, repeat the above steps in reverse order.
11. Properly track and tension the belt. Refer to previous instructions in this manual for assistance.

To Replace the Idler Roller:

1. Perform (**STEPS 1 – 5**) as stated above in the motor replacement section.
2. Using a 9/16” wrench or socket, completely remove the tracking bolts from the cassette housing, then remove the idler roller.
3. To install the replacement idler roller, repeat the above steps in reverse order.
4. Properly track and tension the belt. Refer to the previous instructions in this manual for assistance.
5. Upon completion, reattach the stainless-steel front cover.

To Replace the Photo Sensors

6. Remove the (2) larger screws, located on the outside edge of the sensor plate, then remove the plate from the side wall.
7. Remove the (2) smaller screws that attach the photo sensor to the side skirt.
8. Disconnect the plugs and install the new photo sensors.

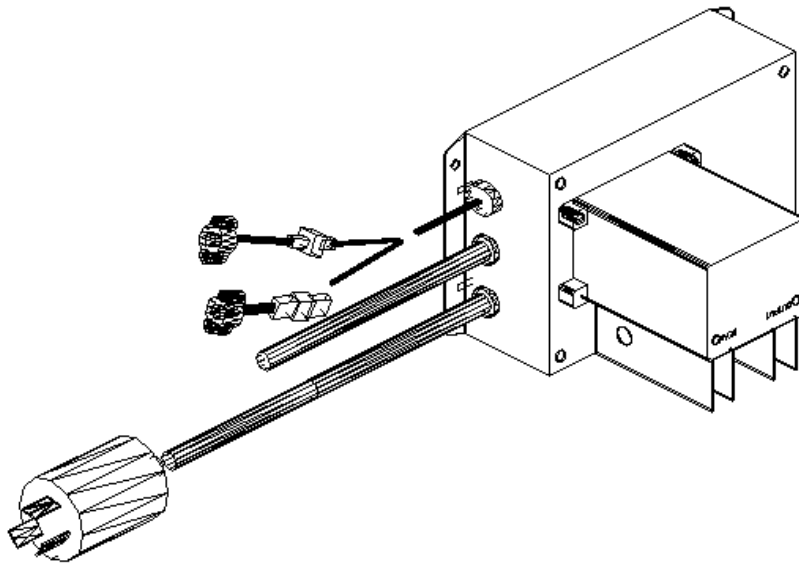
Note: If replacing the belt, you must follow the instructions for the removal & replacement of the motor and idler rollers, remove the belt, then follow the tracking and tensions procedures for the belt.

TRI-TRONICS TROUBLESHOOTING & REPLACEMENT



***Make certain that all power is turned OFF to the lane before performing any part or component replacements.**
***If the conveyor is not operational, make sure the belt control switch is in the on position.**

1. *To view the tri-tronics module, remove the main access cover on the conveyor. If neither of the lights on the tri-tronics module (red or green) is on, check the power cord to ensure it is securely plugged into the power source.
2. *Neither of the lights on the tri-tronics module will be on if the tri tronics module is not receiving power or if the timing circuit has timed out. Check the timing circuit by either blocking and unblocking the photo sensors or turning the belt control switch to the off position and then back to the on position.
3. *If the green light of the tri-tronics module is on constantly, this is an indication that the unit is receiving power but the photo sensor beam is not being read due to misalignment, damage or defective part.
4. *If the green light is not on but the red light is, this is an indication that the photo sensors are aligned and working properly. Temporarily blocking and unblocking the photo sensors will cause the red light to turn on and off. The motor should be receiving power at this time.
5. *To replace the module, remove the (2) screws and remove the module.



INSTALLATION TOOLS

The following basic tools (not included) are needed for installation:

- #2 Phillips head screwdriver or # 2 Robertson head bit with driver. 7/16” wrench or ratchet \ socket (assembly and/or belt tensioning – if applicable)
- 9/16” wrench (for belt tracking – if applicable)
- Level (4ft or small torpedo)
- Electric or cordless drill (for installing self-tapping screws)
- (Optional) Silicone – (for securing units to the floor without using concrete anchors)
- Concrete anchors for securing units to the floor.
- Hammer Drill (for securing units to the floor using concrete anchors)



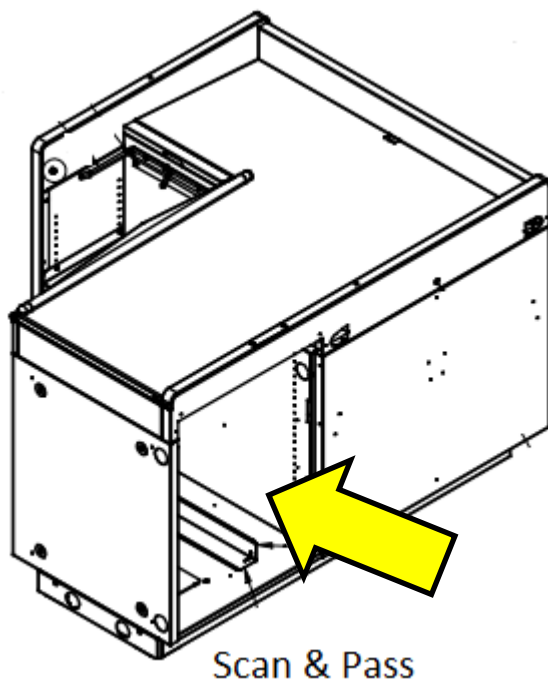
FIELD OPERATIONS DEPARTMENT

**Bowling Green, Ky.
1(800) 472-6678**

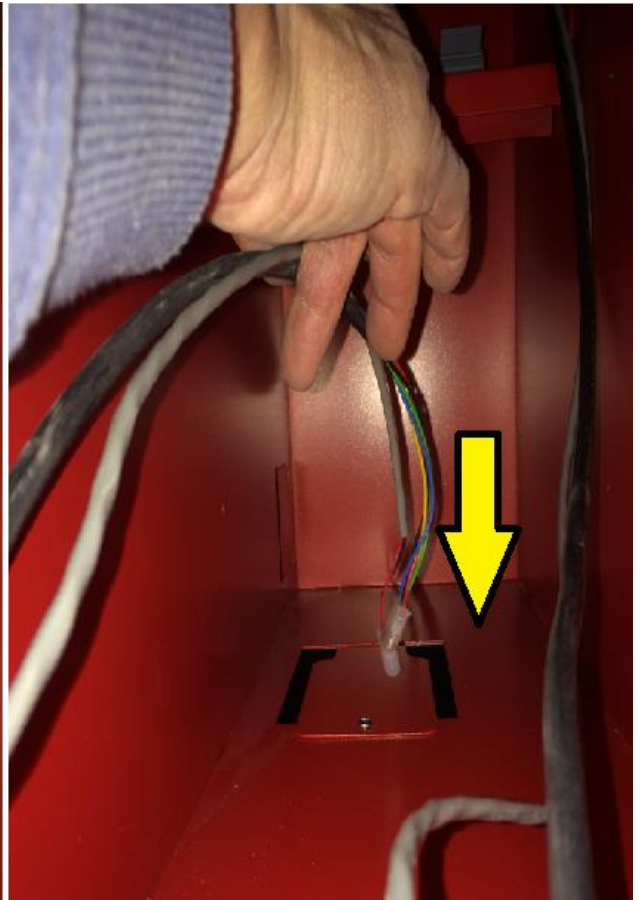
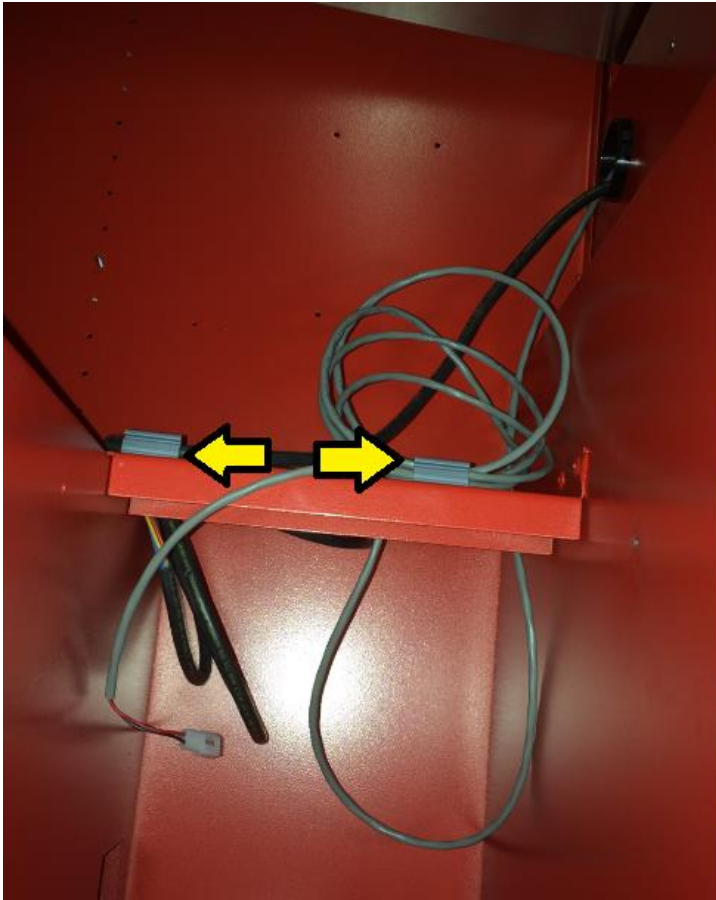
Refer to the installation drawing(s) on the following pages to assemble the check lane configuration. The attachment bolts and washers are screwed into the cabinets for shipping purposes and will need to be removed before the start of the installation.

NOTE: Please ensure that each cabinet is level at every step prior to using any attachment screws/bolts.

- From the floor plan determine the location where Rear is to be placed and set the rear cabinet in that location.
- The following steps are for the installation with a rear cabinet with a belt. If your cabinet doesn't have a rear belt function, please proceed to installation of cash stand.
- Remove the access panel using a Phillips head screwdriver on the customer side of the rear unit to gain access to the motor and rear bagger switch cables.

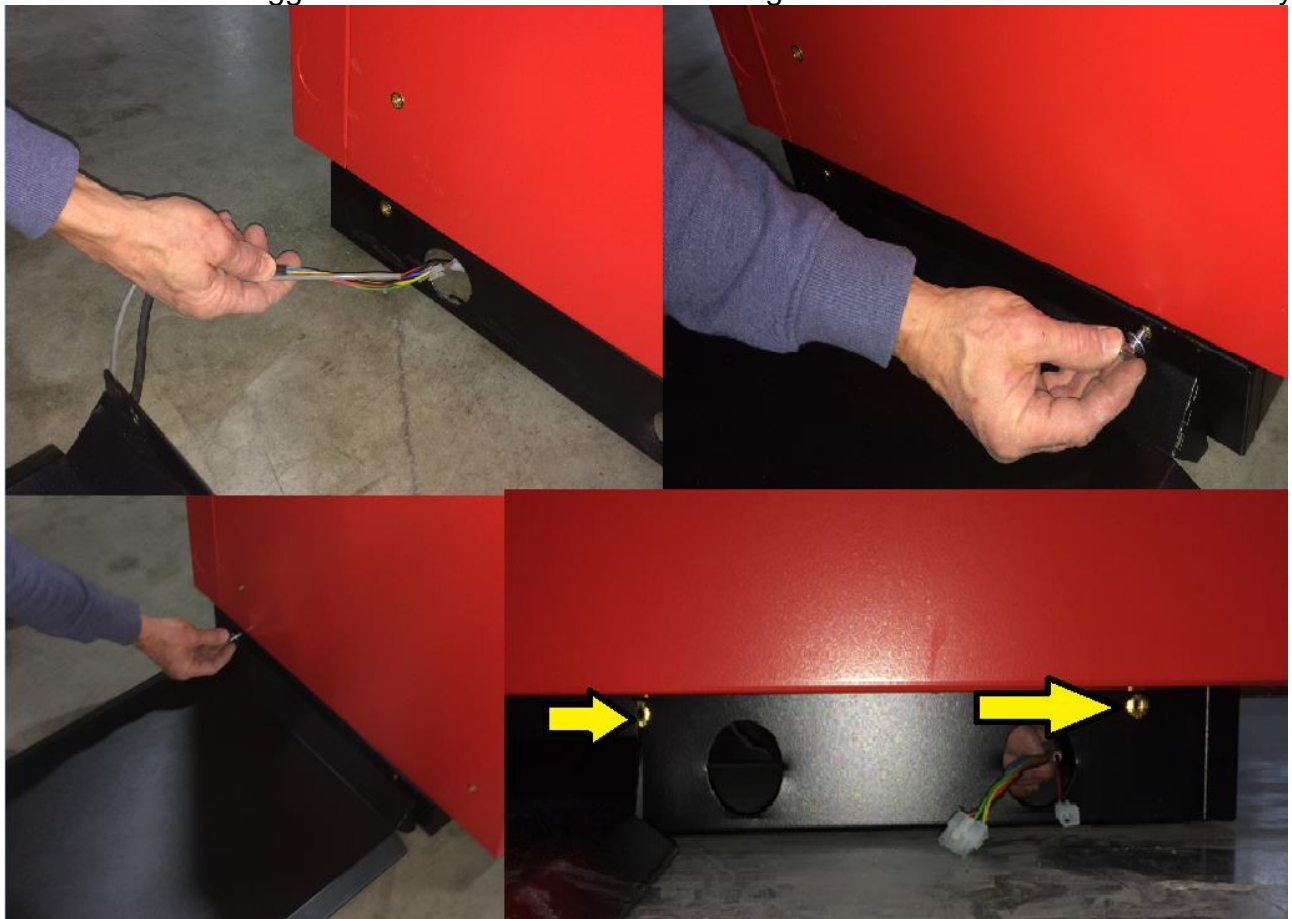


- Once the side access panel has been removed, locate the two cables inside of the cabinet that are secured in clips. Loosen both cables from the clips and feed down to the floor access panel and over to the hole(s) on the rear cabinet going towards the conveyor. The black cable is the motor for the rear belt and the grey cable is for the bagger switch to turn the motor on/off. Leave the side access panel off until you level the units.





- Pull the cables through the hole in the rear cabinet and extend as far as possible and place into the conveyor cabinet.
- Feed the rear bagger switch and motor cables through the holes in the side of the conveyor.



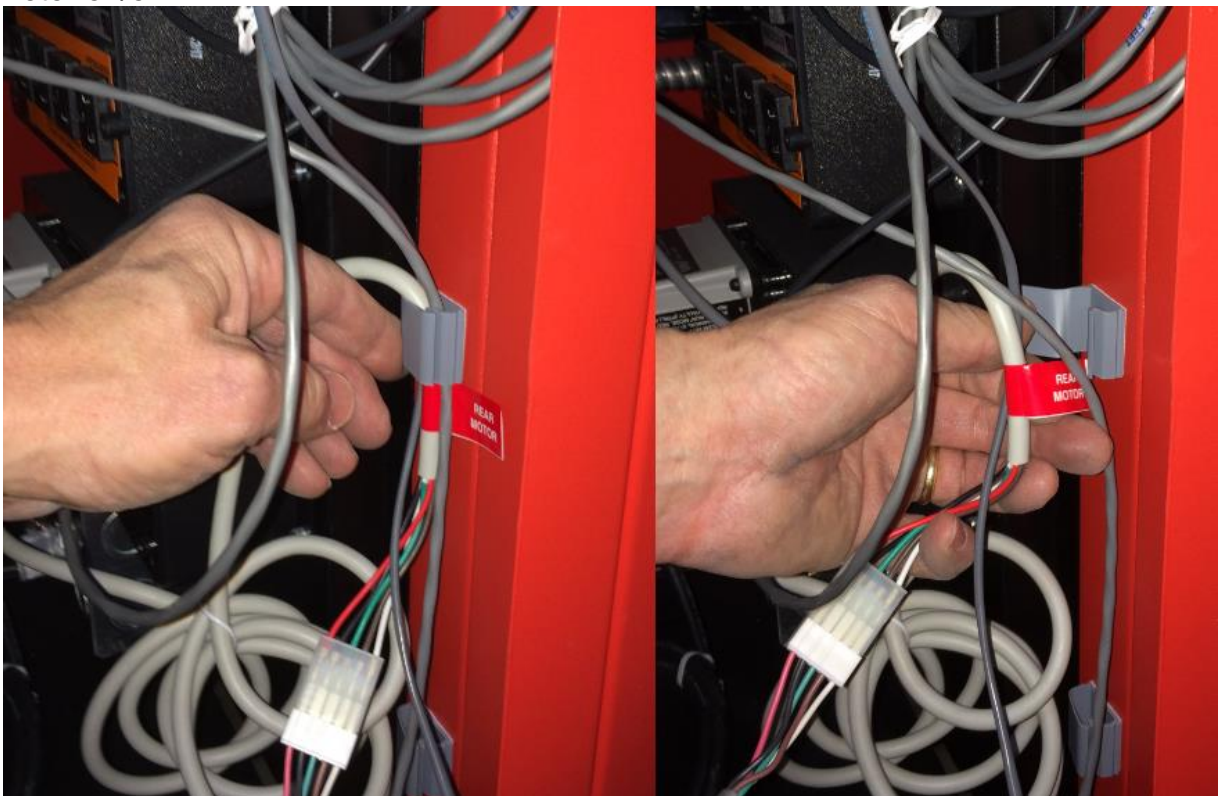
- Remove the access panel in **Conveyor** under the scanner trim area using a Phillips head screwdriver. This will give you access to the two cables that were just fed under the conveyor.



- Remove the access panel on the customer side of **Conveyor**, using a #2 Robertson bit to gain access to the electrical cables.

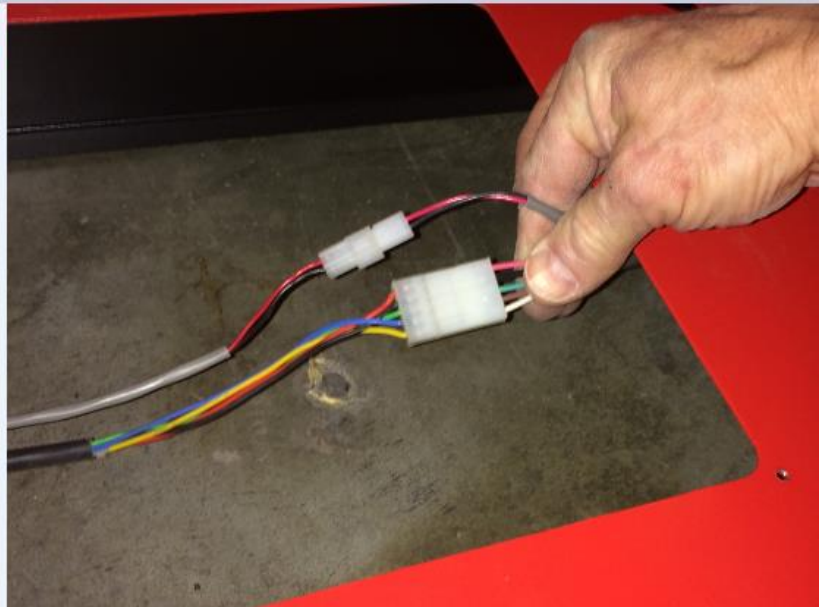


- Once the side access panel has been removed, locate the two cables inside of the cabinet that are secured in clips. Loosen both cables from the clips and feed down to the floor access panel and over to the hole(s) on the conveyor going towards the rear. The black cable is the motor for the rear belt and the grey cable is for the bagger switch to turn the motor on/off.



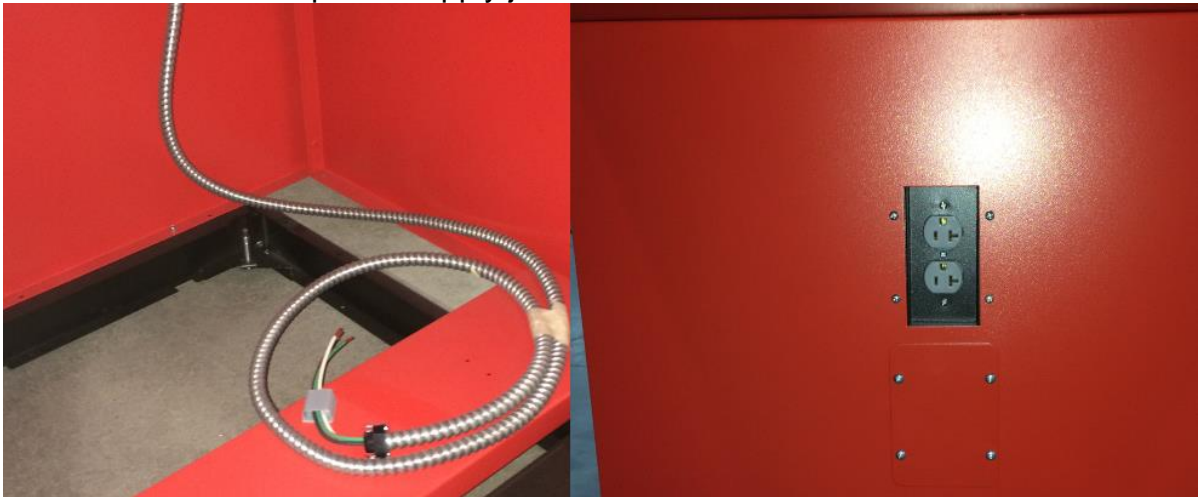


- Connect the two cables together and replace the access panel using the same screws.

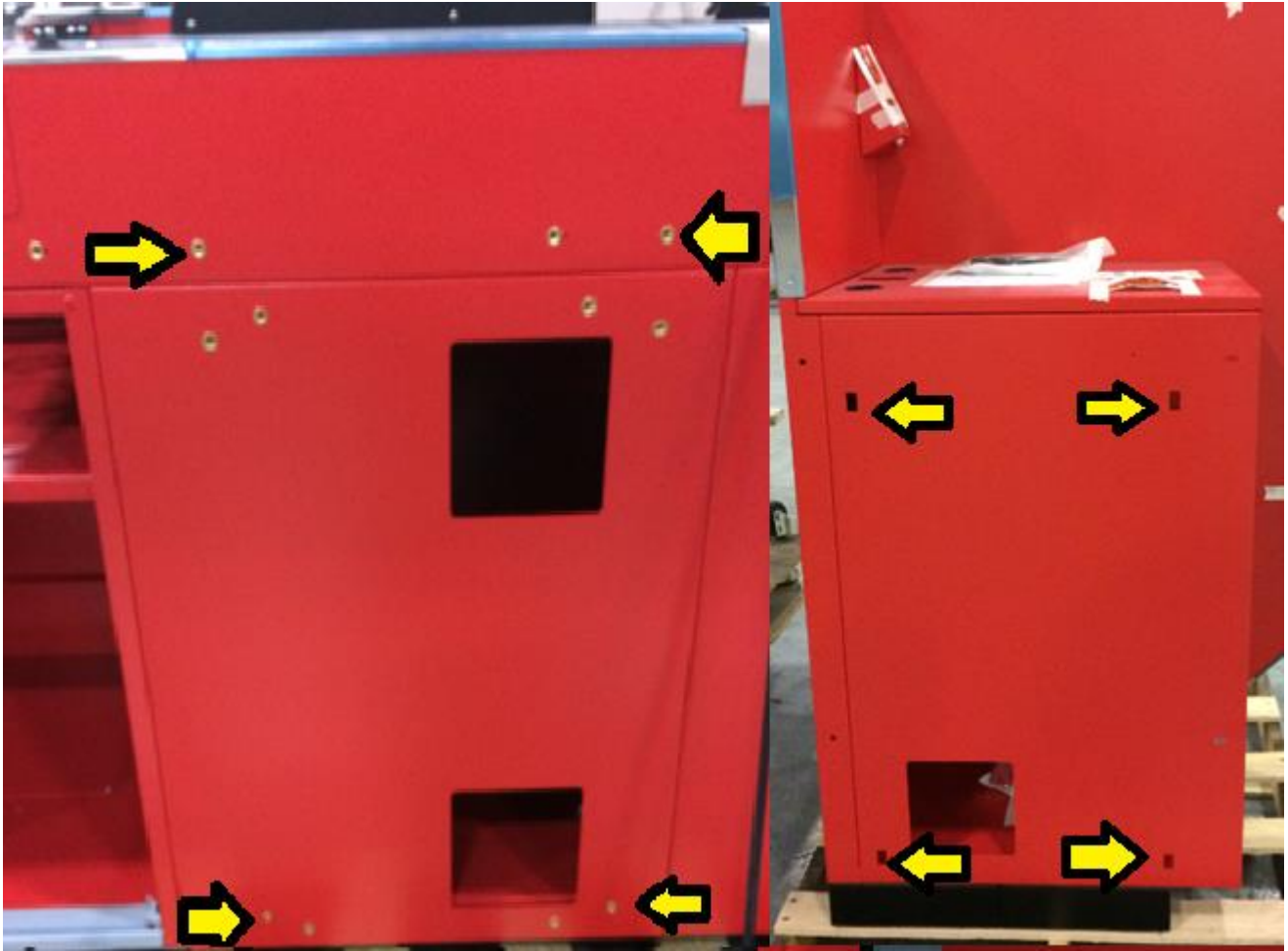




- The cable/wire inside the conveyor shown below is for the cooler electrical outlet. Wire this connection into a 110-volt power supply/junction box.



- Attach **Cash Stand** to **Conveyor** using the provided screws.



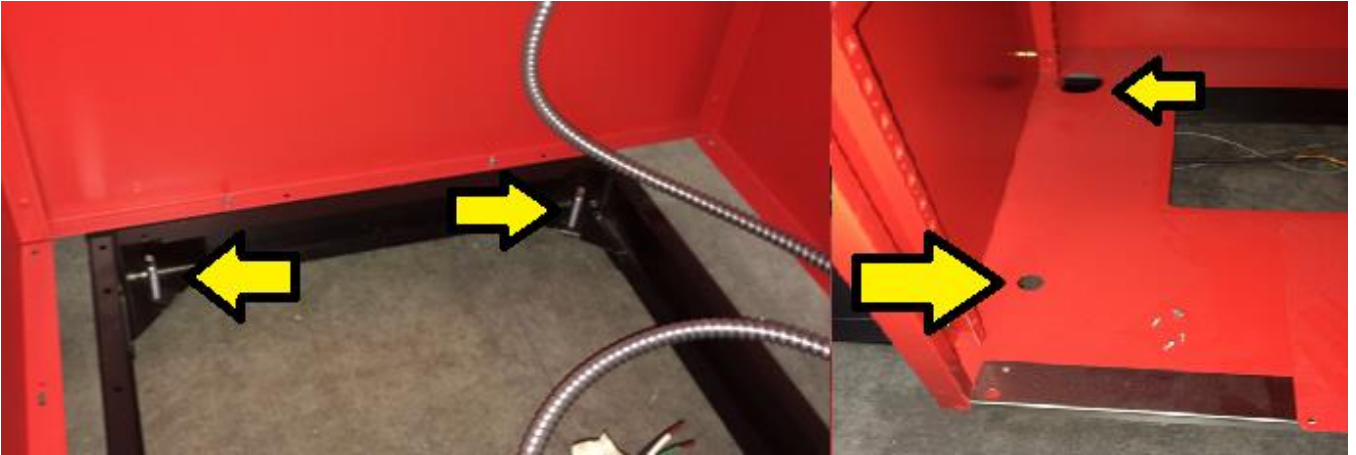
- Secure the Power Pole trim (if needed) to the top of the cash stand using self-tapping screws. Once the Power pole is in place, you will also need to secure the pole using a second bracket.



- To level the rear bagging unit, there are 4 leveling legs located in this unit. Adjust these legs until the unit is level.



- To level the conveyor unit, there are 4 leveling legs located in this unit. Adjust these legs until the unit is level.



- To level the cash stand unit, there are 4 leveling legs located in this unit. Adjust these legs until the unit is level.



- Install the base cover plates for the cash stand, one for the back and the other for the front side, using self-tapping screws shown below:

Cooler Side:



Cashier side:



- Install/secure any access panels that you removed during the installation process.
- Anchor the assembled unit to the floor by using concrete anchors or clear silicone.

LEVELING OF CABINETS

It is critical to the fit and finish and operation of the lane that each cabinet when installed to be level. Each cabinet if needed will be leveled by inserting a shim between the cabinet base and the floor. We recommend to only use composite shims as these are water proof and will not deteriorate over time as wood shims may depending on the environment.

With the cabinets in their permanent location set a four foot level across the cabinet, if the cabinet is not level then place a composite shim between the floor and base of the cabinet on the lowest side as indicated by the level. When the cabinet is level continue leveling the next cabinet. When all cabinets of the first lane have been leveled attach the cabinets together as instructed on page 19 of this manual.

After the cabinets have been leveled, attached together and anchored to the floor, using a utility knife cut the composite shims evenly with the edge of the base of the cabinet so the shim is flush with the base.

ELECTRICAL

Each lane has connections to two sources of power, one Isolated Power source for the computer equipment sometimes referred to as “Clean Power” and one standard power source sometimes referred to as “Dirty Power” to power the lane light, utility outlets and if applicable to power the conveyor motor and control circuit.

Each junction box has standard three wire, Black, White and Green wire connections. Connect the three wires from the store power connection to the like colored wires in the junction box.

NOTE

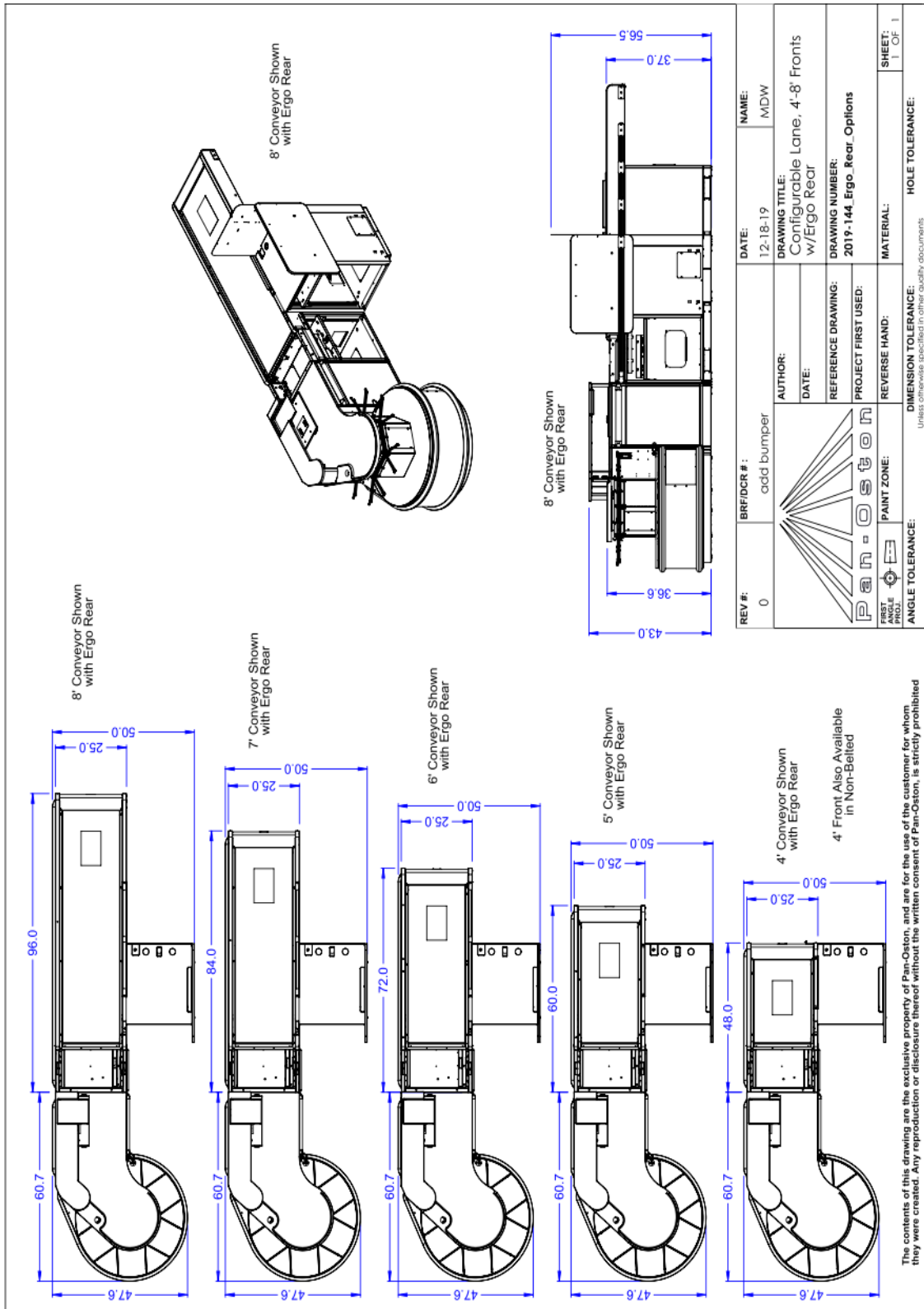
These connections must be made by a certified local electrician so all local codes and practices are followed.



Electrical Wiring Connections

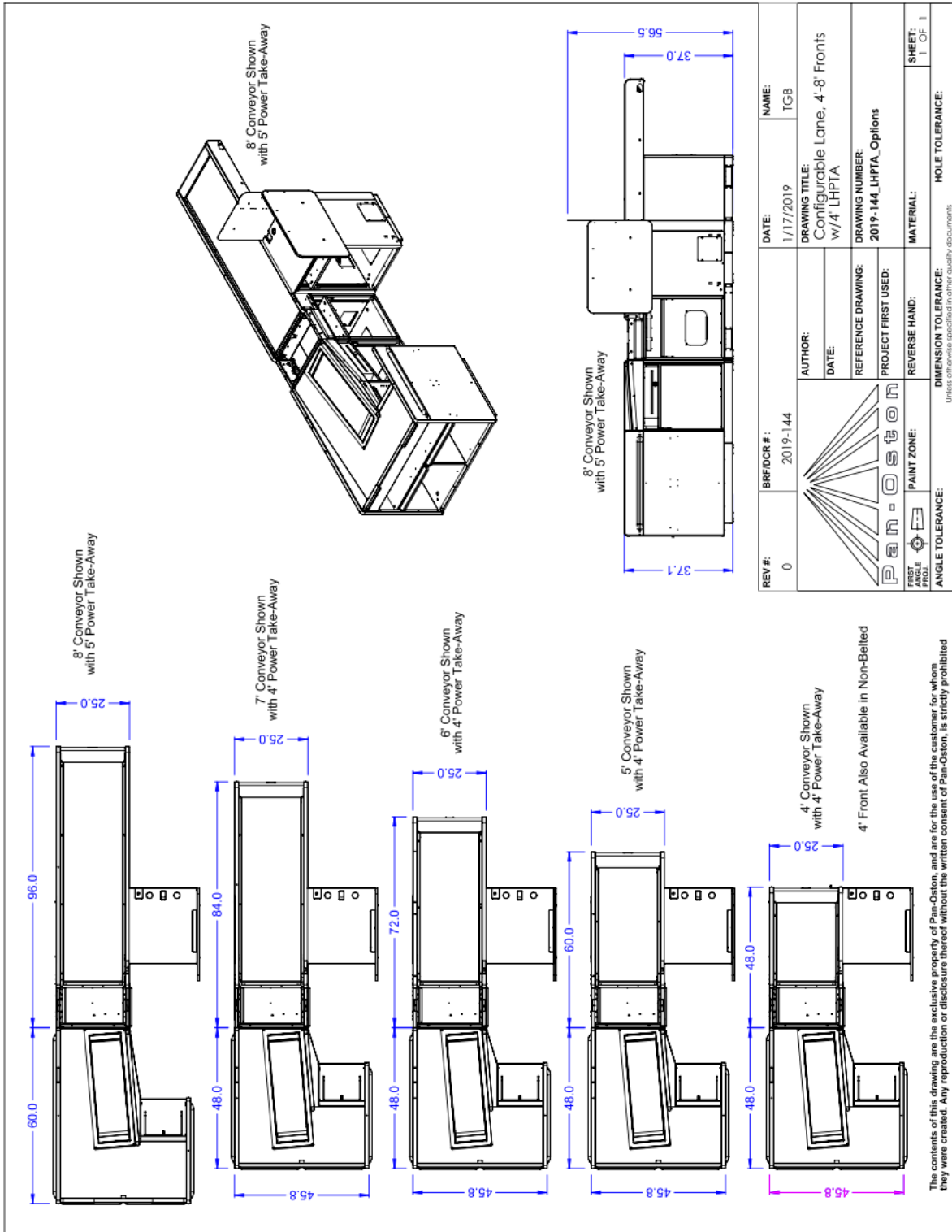
CHECKLANE DRAWINGS

ERGO REAR

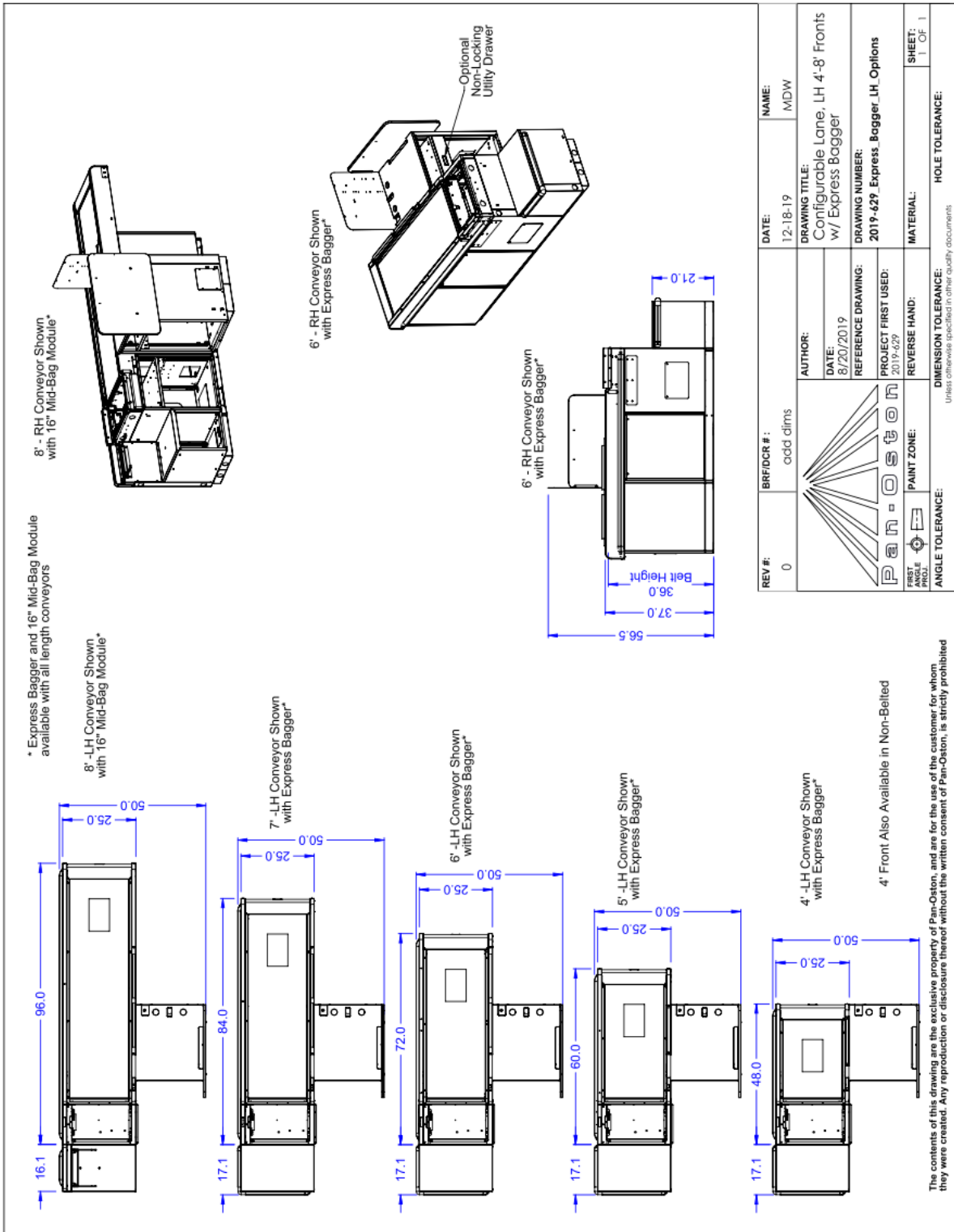


The contents of this drawing are the exclusive property of Pan-Ostion, and are for the use of the customer for whom they were created. Any reproduction or disclosure thereof without the written consent of Pan-Ostion, is strictly prohibited.

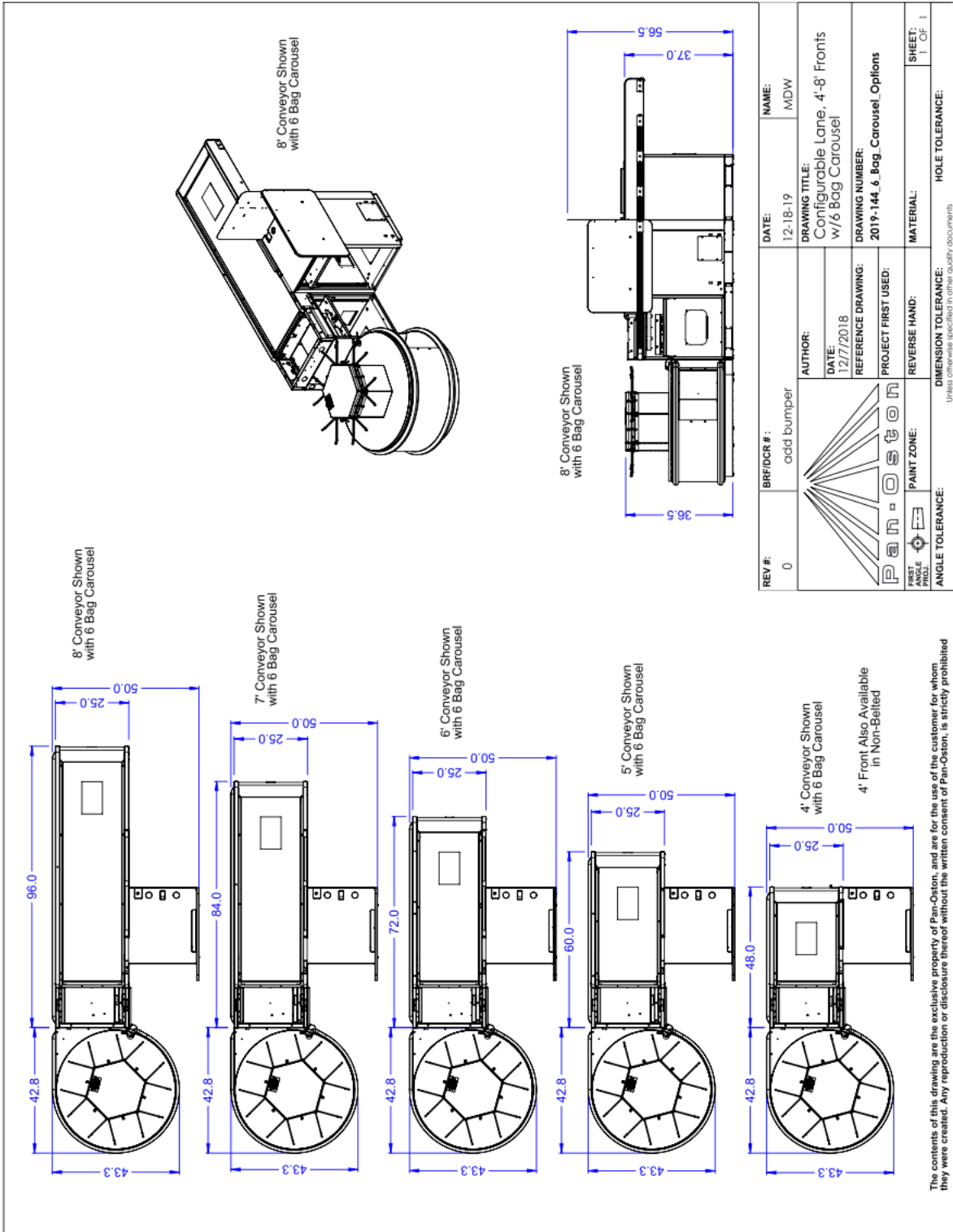
POWER TAKE-AWAY REAR DRAWINGS



EXPRESS BAG REAR DRAWINGS

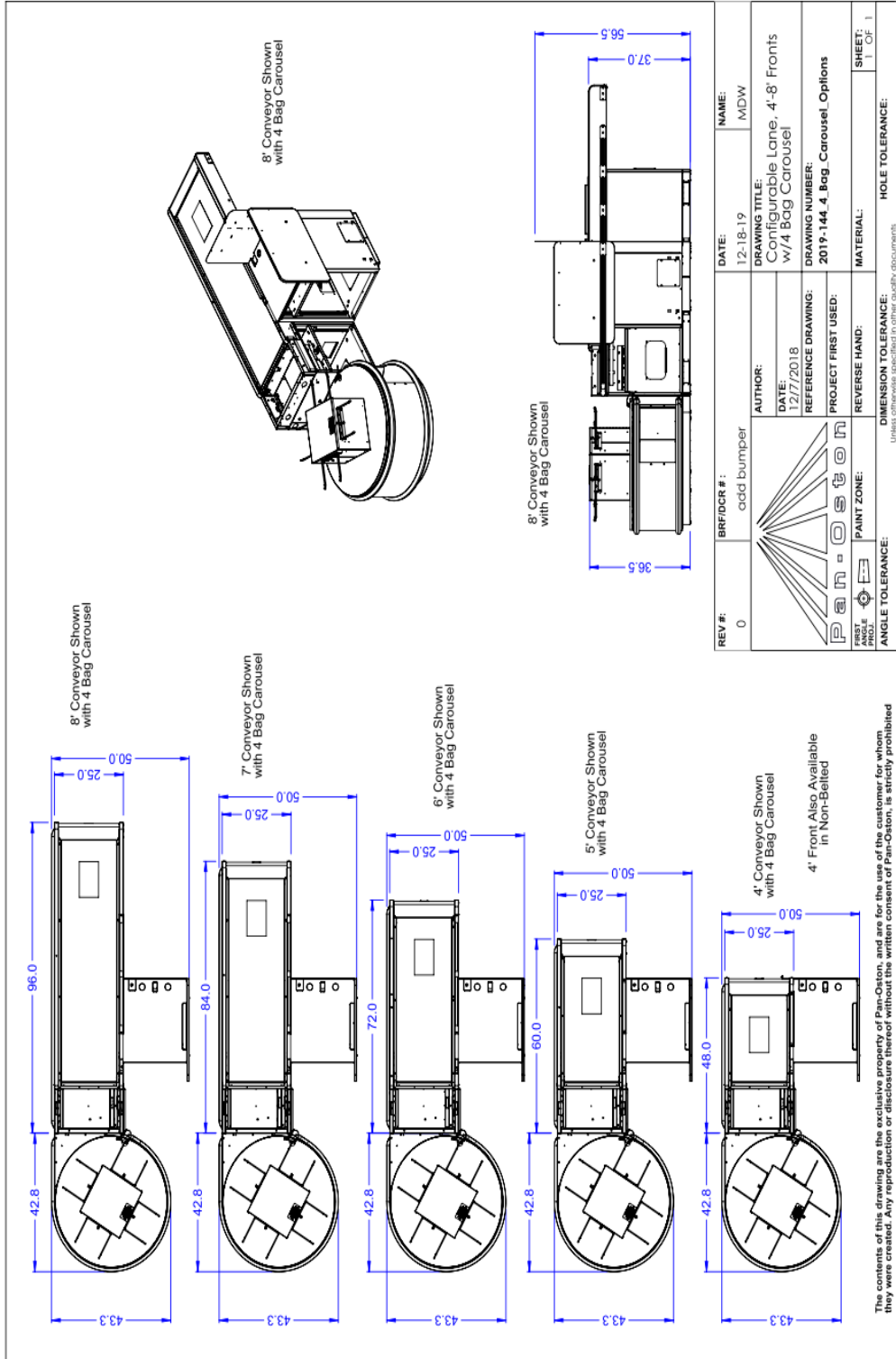


6-BAG CAROUSEL REAR DRAWINGS

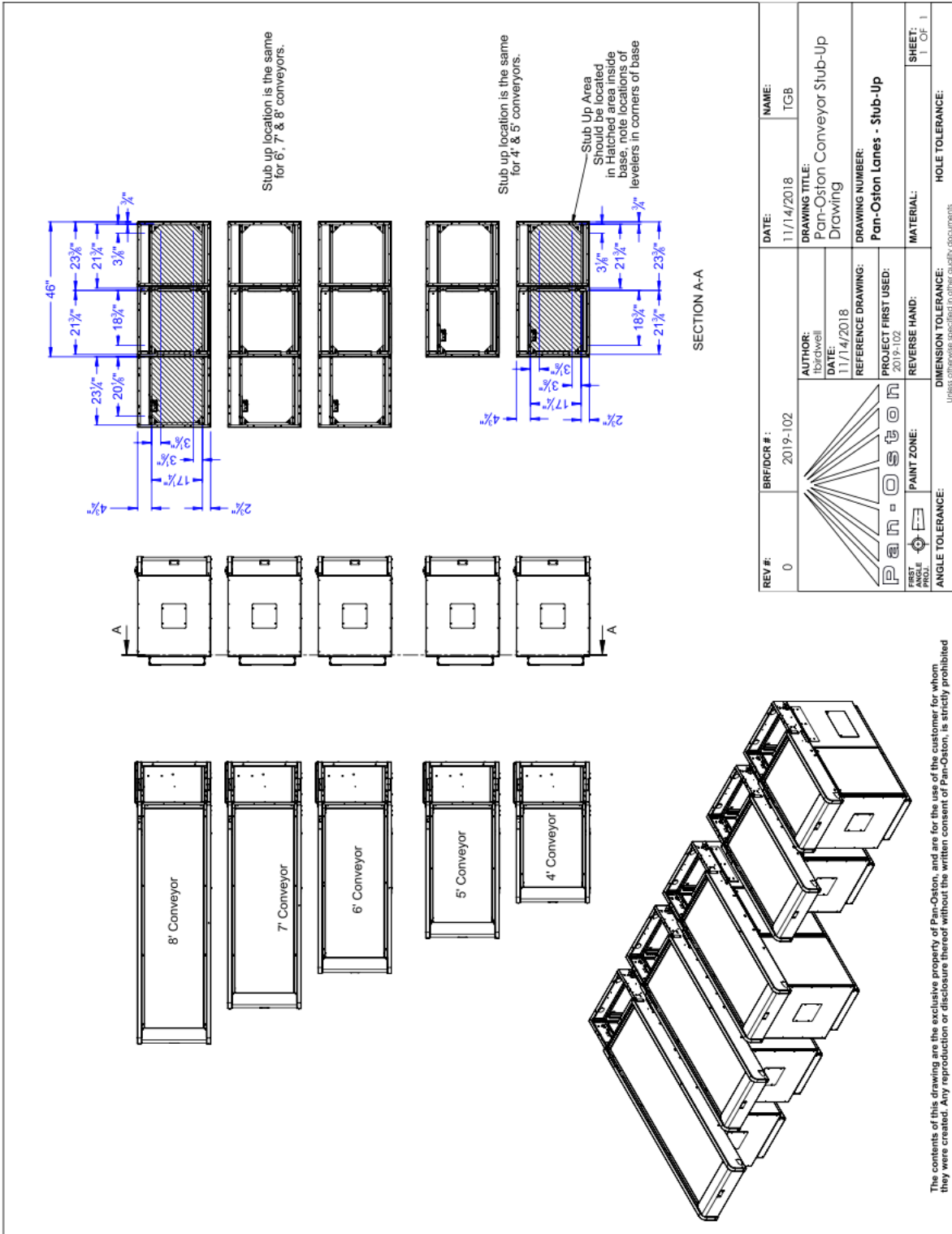


The contents of this drawing are the exclusive property of Pan-Ostion, and are for the use of the customer for whom they were created. Any reproduction or disclosure thereof without the written consent of Pan-Ostion, is strictly prohibited.

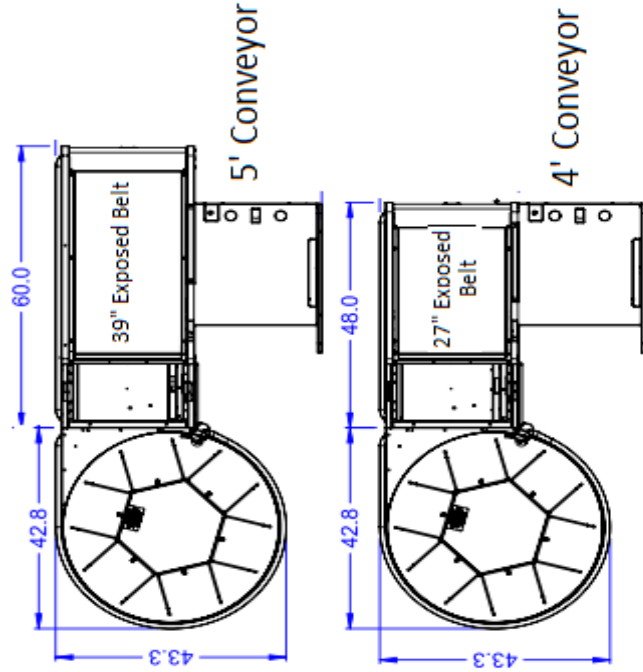
4-BAG REAR CAROUSEL DRAWINGS



CHECKLANE STUB-UPS

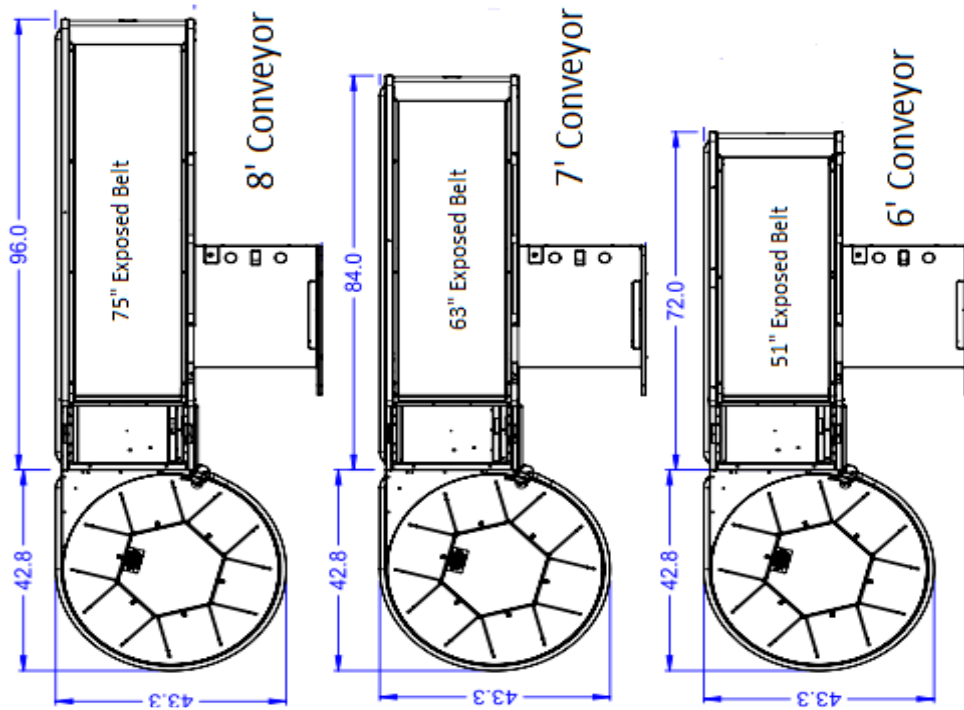


BELT MEASUREMENTS & PART NUMBERS



Belt Part Number:

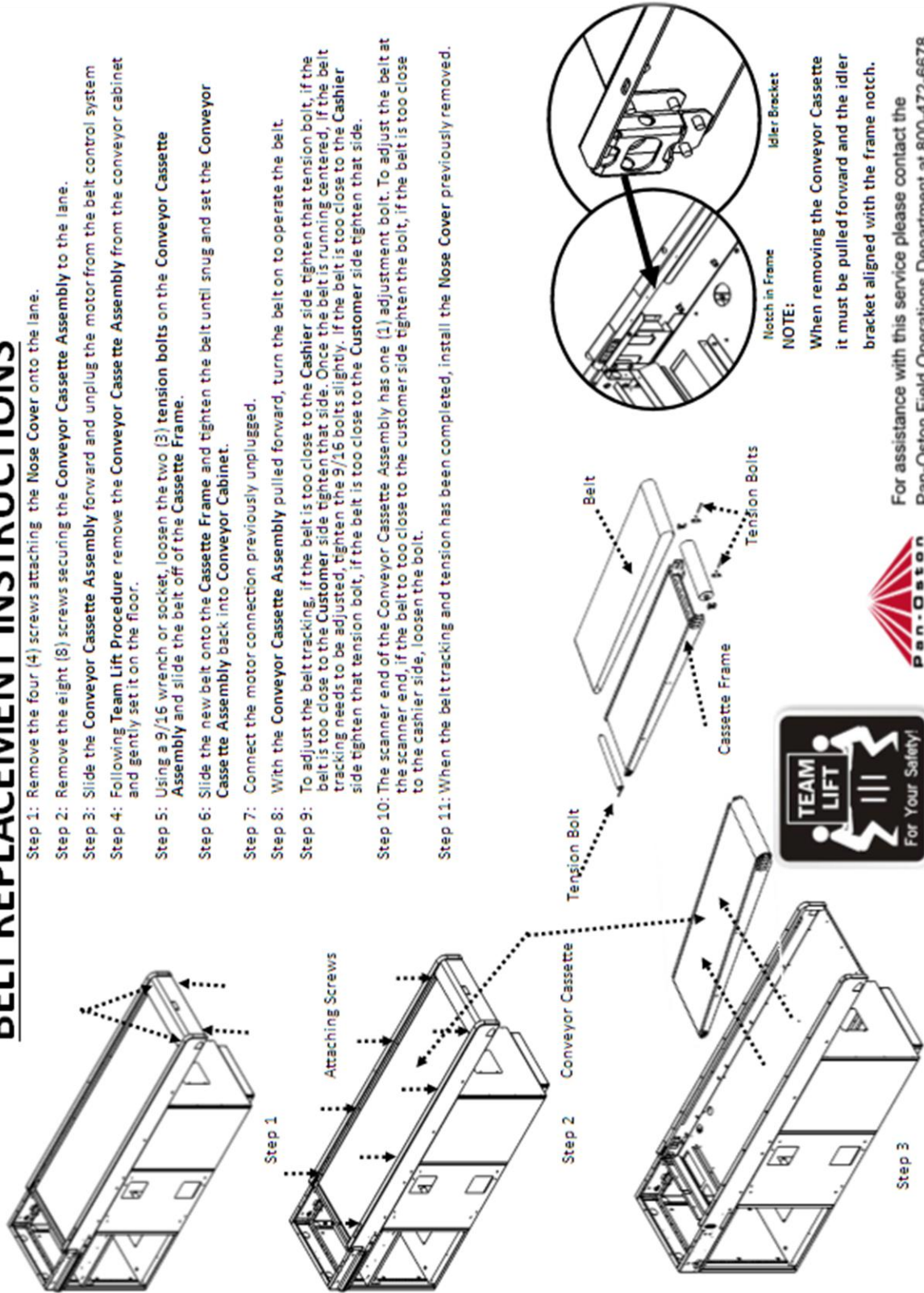
- 4' - 601-W510-L1649-BLK
- 5' - 601-W510-L2664-BLK
- 6' - 601-W510-L2868-BLK
- 7' - 601-W510-L3478-BLK
- 8' - 601-W510-L4087-BLK



BELT REPLACEMENT

BELT REPLACEMENT INSTRUCTIONS

- Step 1: Remove the four (4) screws attaching the Nose Cover onto the lane.
- Step 2: Remove the eight (8) screws securing the Conveyor Cassette Assembly to the lane.
- Step 3: Slide the Conveyor Cassette Assembly forward and unplug the motor from the belt control system and gently set it on the floor.
- Step 4: Following Team Lift Procedure remove the Conveyor Cassette Assembly from the conveyor cabinet and gently set it on the floor.
- Step 5: Using a 9/16 wrench or socket, loosen the two (2) tension bolts on the Conveyor Cassette Assembly and slide the belt off of the Cassette Frame.
- Step 6: Slide the new belt onto the Cassette Frame and tighten the belt until snug and set the Conveyor Cassette Assembly back into Conveyor Cabinet.
- Step 7: Connect the motor connection previously unplugged.
- Step 8: With the Conveyor Cassette Assembly pulled forward, turn the belt on to operate the belt.
- Step 9: To adjust the belt tracking, if the belt is too close to the Cashier side tighten that tension bolt, if the belt is too close to the Customer side tighten that side. Once the belt is running centered, if the belt tracking needs to be adjusted, tighten the 9/16 bolts slightly. If the belt is too close to the Cashier side tighten that tension bolt, if the belt is too close to the Customer side tighten that side.
- Step 10: The scanner end of the Conveyor Cassette Assembly has one (1) adjustment bolt. To adjust the belt at the scanner end, if the belt is too close to the customer side tighten the bolt, if the belt is too close to the cashier side, loosen the bolt.
- Step 11: When the belt tracking and tension has been completed, install the Nose Cover previously removed.



For assistance with this service please contact the Pan-Ostion Field Operations Department at 800-472-6678

NOTE:
When removing the Conveyor Cassette it must be pulled forward and the idler bracket aligned with the frame notch.



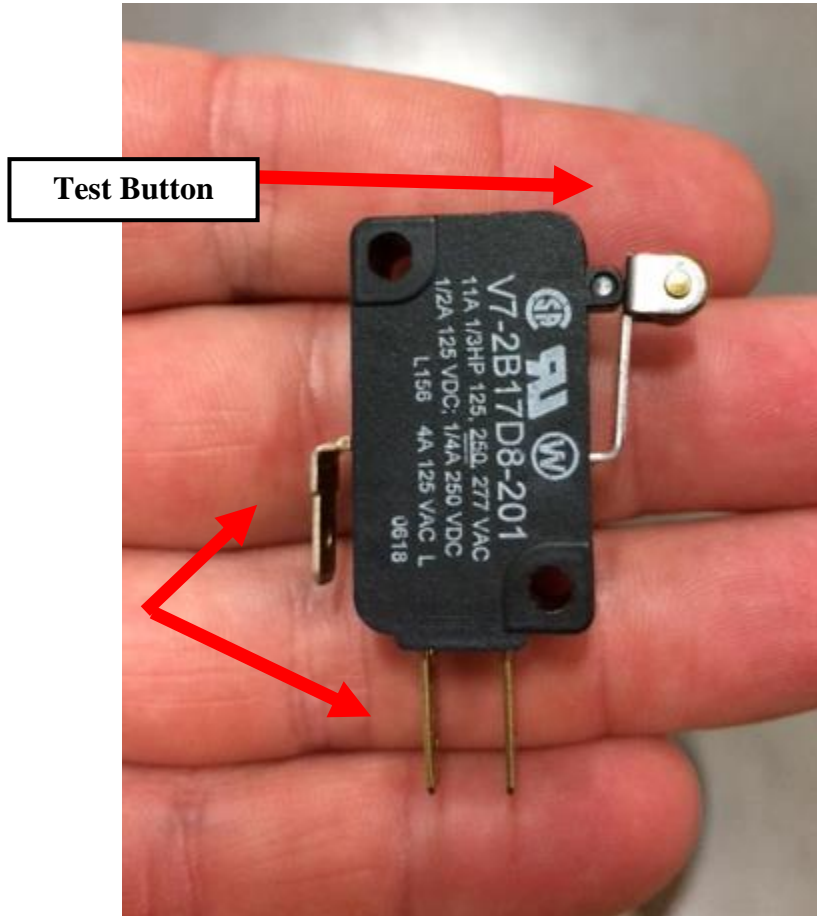
LIMITED WARRANTY

TO THE PURCHASER (NON-TRANSFERABLE)

1. Pan Oston warrants all new products to be free from defects in material and workmanship at the time of shipment.
2. In the event of any failure, the parts referenced in Item # 3, found defective, will be replaced without charge for the part or labor, for a period of **ninety (90) days** from the day of shipment under the following conditions only:
 - a) That the damage was sustained under normal use and service and was not due to exterior influences or operations beyond capacity.
 - b) That the products covered by this warranty were used only in conjunction with Pan Oston approved parts.
 - c) That the Purchaser gives Pan Oston immediate written notice of such defect or defects and that all faulty parts or equipment are returned to Pan Oston with prior authorization from Pan Oston.
 - d) Any alteration or repair by others in such a manner as in Pan Oston's judgment materially and adversely affects the product shall void this warranty.
 - e) That the method of shipment for any replacement part will be regular ground at Pan-Oston's expense, with the carrier being determined by Pan-Oston. Customer requests for alternate carriers for shipment of replacement parts, will be at the customer's expense unless approved by Pan-Oston.
3. **(IF APPLICABLE)** With respect to roller motors, idler rollers, control modules and photo electric sensors, the warranty shall be **ninety (90) days** from the date of purchase. After the expiration of the first-year warranty, all replacement costs will be the responsibility of the customer. Scarring of the rubberized belts are not covered under any Pan Oston warranty.
4. Pan Oston's obligation under this warranty is expressly limited to the repair and replacement obligations set forth in Paragraphs 2 and 3, in accordance with the stipulations set forth in this warranty. Pan Oston's obligation under this warranty shall not include any transportation charges or cost of installation or any liability for special, direct, indirect, or consequential damages of delay, on items outside of the first-year warranty. Correction of nonconformities, in the manner provided above, shall constitute fulfillment of all liabilities of Pan Oston, whether based on contract, negligence or otherwise with respect to or arising out of such products. In no event, whether in contract, in tort, under any warranty, or otherwise including, without limitation, the negligence of the company, its employees or agents, shall Pan Oston be liable for any damages beyond the price of the faulty or defective parts and equipment.
5. No person, company or corporation is authorized to assume for Pan Oston any other liability in connection with said products. Under no circumstances is Pan Oston liable for damage resulting from faulty or improperly installed equipment or from misapplication beyond normal intended use of said equipment. There shall be no third-party beneficiary to any warranties set forth herein.
6. This constitutes the only warranty of the company and no other warranty or condition, statutory or otherwise shall be implied.

SAFETY SWITCH WIRING AND ADJUSTMENT

Before you check the wiring on the black electrical box, there is a safety switch (1st photo) that is located under the metal trim flap that the belt flows under. The only two connections should be where the arrows are pointing on the photo below.



Safety Switch Wiring Connection:



If you pull up the trim where the belt flows underneath it, there is a tab that might need to be bent towards the switch so that it pushes the connection on the safety switch in so it makes the full connection.



A full connection is shown below:

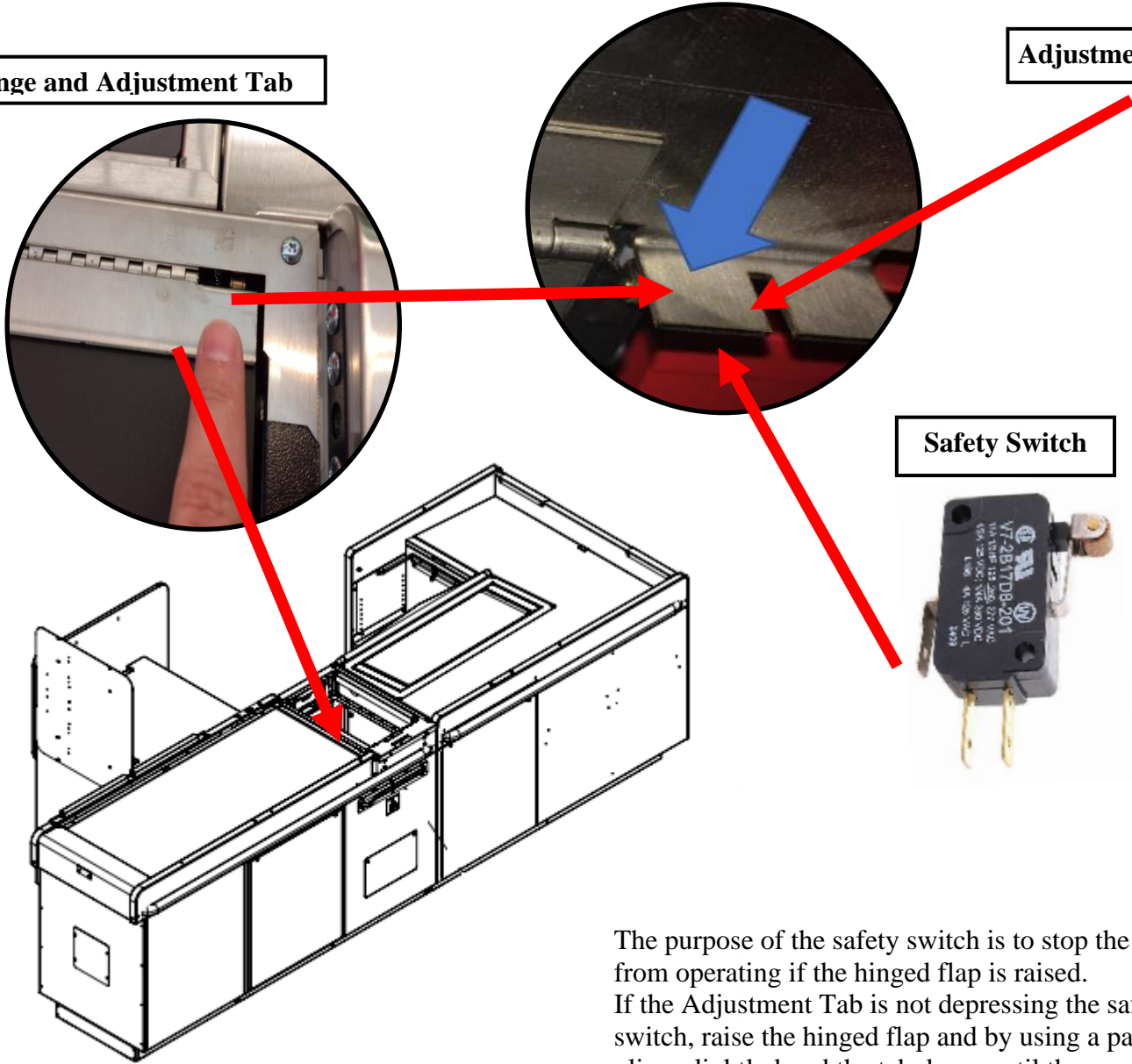


Safety Switch Adjustment

Hinge and Adjustment Tab

Adjustment Tab

Safety Switch



The purpose of the safety switch is to stop the belt from operating if the hinged flap is raised. If the Adjustment Tab is not depressing the safety switch, raise the hinged flap and by using a pair of pliers slightly bend the tab down until the arm of the safety switch is depressed and the belt operates.



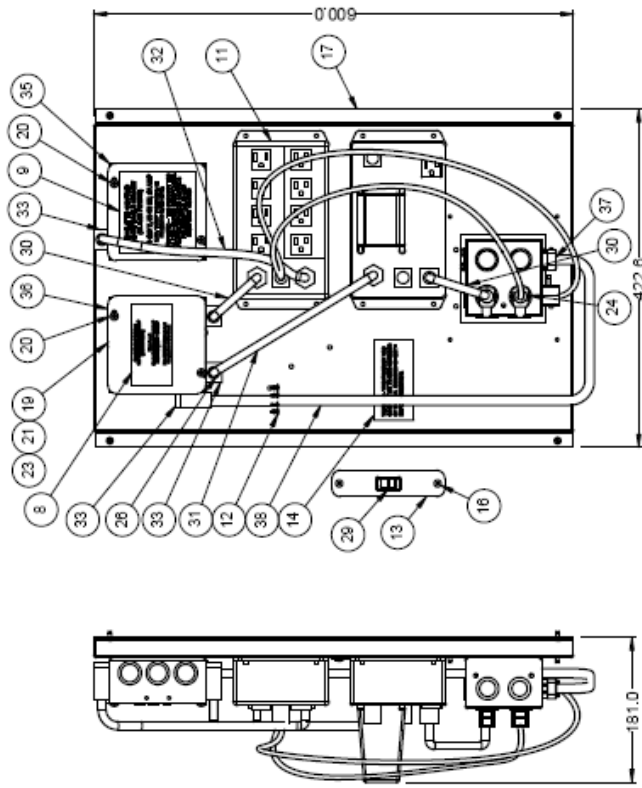
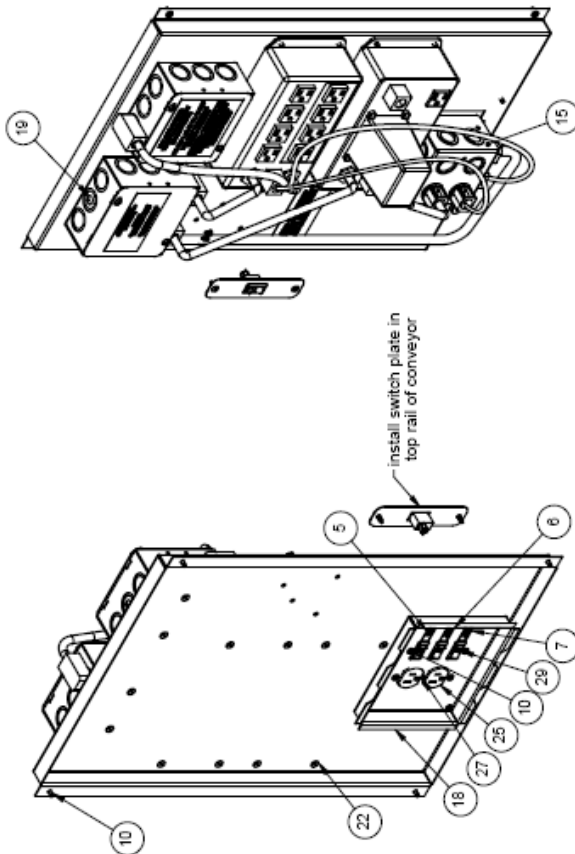
For assistance with this service please contact the Pan-Oston Field Operations Department at 800-472-6678

SINGLE BELT ELECTRICAL

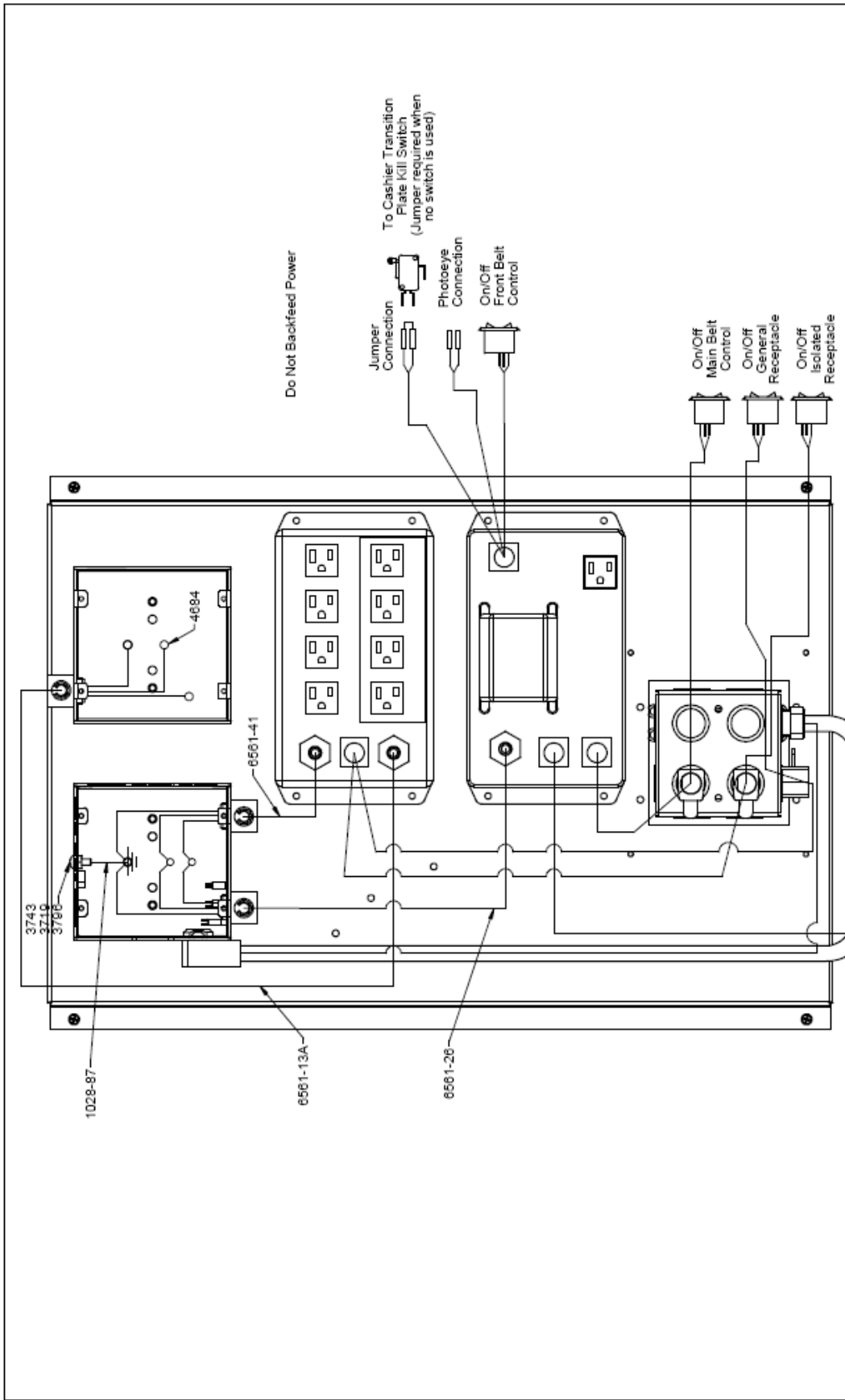
ITEM NO.	PART NUMBER	QTY.	DESCRIPTION
1	1028-427	1	Wire - 14Ga, Black, 800mm
2	1028-428	1	Wire - 14Ga, Green, 800mm
3	1028-429	1	Wire - 14Ga, White, 800mm
4	1028-87	1	Jumper Wire, Green, 14GA 150mm
5	104027	1	Label, "Main Belt Control"
6	104028	1	Label, "General Receptacle"
7	104029	1	Label, "Isolated Receptacle"
8	104465	1	Label, Checkstand Circuit
9	104468	1	IG Receptacle Circuit Label
10	105053	12	#8 x 3/8" Blunt Tip Screw, Phillips HD
11	105643	1	ELECT. PKG. TRI-TRONICS 1 BELT
12	105661	4	Push Pin, Removable for Photoeye Mounting
13	108441	1	Switch Cover Plate
14	11820	1	Label, UL Warning 2 Sources
15	12440	1	2 Gang Box, Metal
16	23222	2	#8 x 1/2" SELF DRILL SCREW
17	241406	1	Plate, Electrical Mount
18	241406	1	Electrical Recess Face Plate
19	3719	1	Screw, Machine 10-32 x 1/2"
20	3723	4	Screw, Tap, #8 x 3/8
21	3743	1	Washer, #10 Ext. Tooth
22	3760	12	Rivet, Large 4.6mm
23	3796	1	Nut, Hex, 10-32, Zinc Plated
24	3836	3	E. Plastics, Cable Connector
25	3850	1	Power Device, Duplex Recept. Brown
26	4040	4	E. Plastics, Anti-Short 3/8"
27	4362	1	SCREW, 6-32 X 3/8"
28	4684	6	Nut, Wire, Large
29	503-13	4	SWITCH, CARLINGTON SPDT
30	5661-250	2	3/8" Flexible Conduit, 250mm
31	5661-350	1	3/8" Flexible Conduit, 350mm
32	5661-400	1	3/8" Flexible Conduit, 400mm
33	5670	4	Conduit Connector 3/8" 90 Deg.
34	5865	3	Terminal Ring, For 10/12 AWG
35	58516	2	Junction Box, 2 Gang Box #7217
36	59817	2	Plate, Cover For 2-Gang Box
37	4271	1	CONDUIT CONNECTOR 3/8"
38	5661-800	1	Conduit, Flexible 3/8"

see sheet 2 for electrical schematic

REV #:	2	BRFIDCR #:	DCR 1900027 Remove (11,3936, Add 4271, 6561-900 was 6561-500	DATE:	11/13/19	NAME:	B. ELLIS
DRAWING TITLE:		ELECTRICAL, SINGLE BELT SYSTEM					
DRAWING NUMBER:		BM-137325-1					
PROJECT FIRST USED:		2017-757					
REVERSE HAND:		MATERIAL:					
DIMENSION TOLERANCE:		HOLE TOLERANCE:					
ANGLE TOLERANCE:		Unless otherwise specified in other quality documents					



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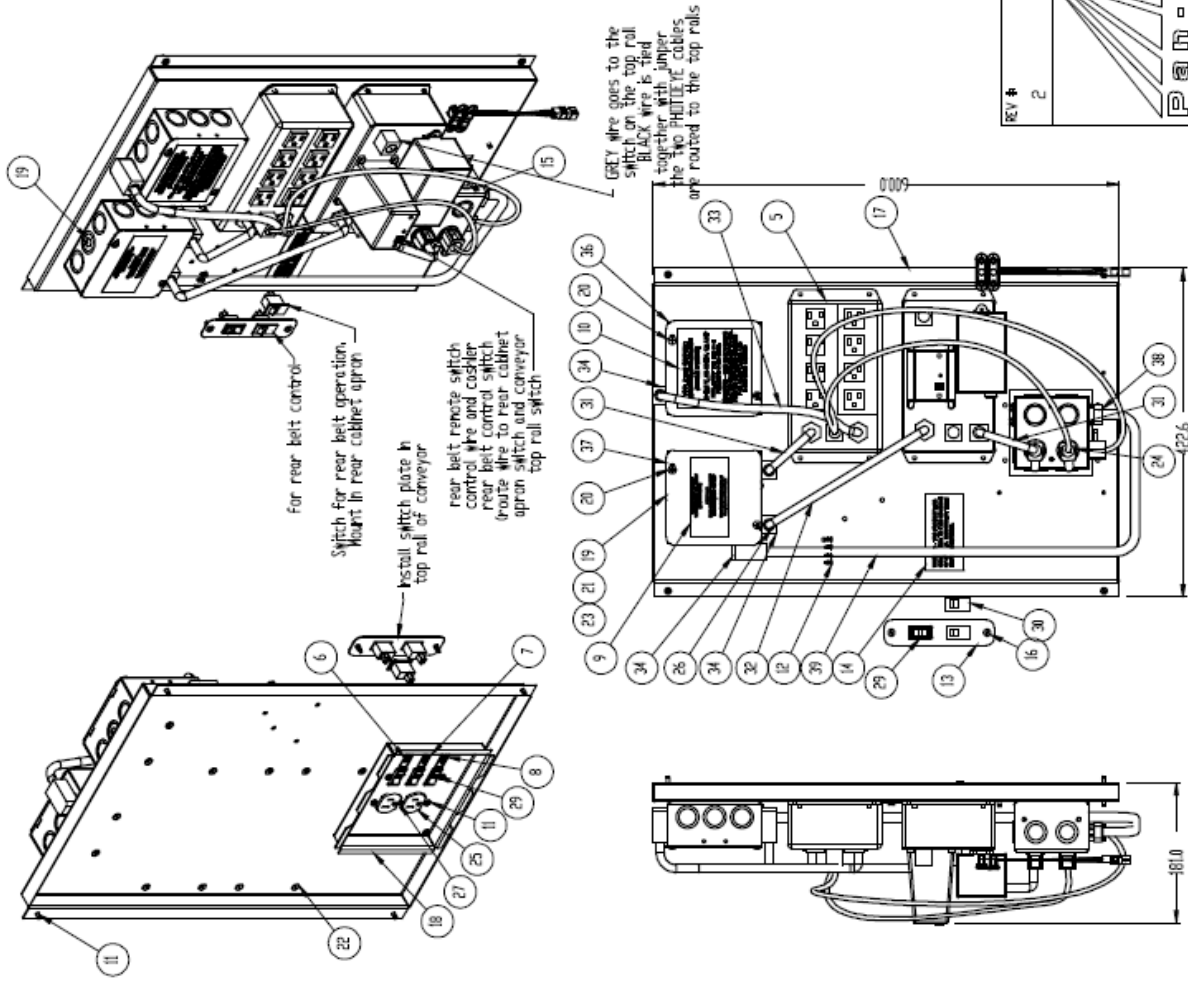
REV #:	2	BRP/DOR #:	DCR 1900027 Remove (1) 3936, Add 4271, 5561-900 was 6561-500	DATE:	11/13/19	NAME:	B. ELLIS
		AUTHOR:		DRAWING TITLE:			
		DATE:		ELECTRICAL, SINGLE BELT SYSTEM			
		REFERENCE DRAWING:		DRAWING NUMBER:			
		BM-53010-3		BM-137325-1			
		PROJECT FIRST USED:		MATERIAL:			
		2017-737		-			
		REVERSE HAND:		HOLE TOLERANCE:			
		-		±0.005 unless specified in other quality documents			
ANGLE TOLERANCE:		PAINT ZONE:		SHEET:			
-		-		2 OF 2			

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DUAL BELT ELECTRICAL

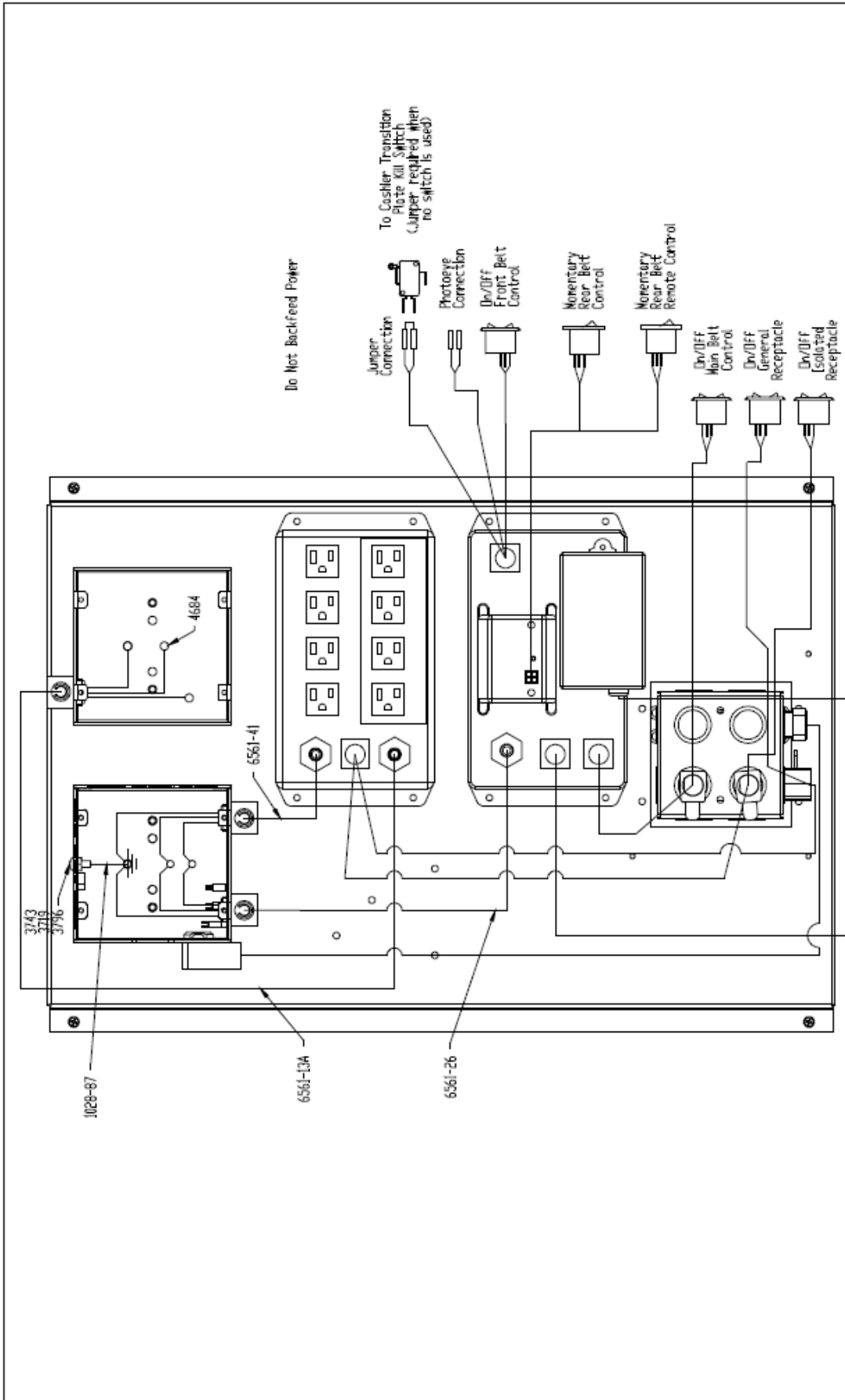
ITEM NO.	PART NUMBER	QTY.	DESCRIPTION
1	1028-427	1	Wire - 14Ga, Black, 800m
2	1028-428	1	Wire - 14Ga, Green, 800m
3	1028-429	1	Wire - 14Ga, White, 800m
4	1028-87	1	Jumper Wire, Green, 14Ga 150m
5	104024	1	ELECT. Pkg. IRI-TRONICS DUAL BELT
6	104027	1	Label, "Rear Belt Control"
7	104028	1	Label, "General Receptacle"
8	104029	1	Label, "Isolated Receptacle"
9	104465	1	Label, Checkstand, Circuit
10	104466	1	16 Receptacle Circuit Label
11	105053	12	#8 x 3/8" Bunt Tip Screw, Phillips HD
12	105191	4	Push Pin, Removable For Photoeye Mounting
13	108414-2	1	Switch Cover Plate
14	10820	1	Label, UL Warning 2 Sources
15	12440	1	2 Gang Box, Metal
16	23222	2	#8 x 1/2" SELF DRILL SCREW
17	24140	1	Plate, Electrical Mount
18	24146	1	Electrical Access Face Plate
19	3719	1	Screw, Top, #8 x 3/8"
20	3723	4	Washer, #10 Ext. Tooth
21	3743	1	Rivet, Large 4.5mm
22	3760	12	Nut, Hex, 10-32, Zinc Plated
23	3796	1	E. Plastics, Cable Connector
24	3936	3	Power Blocks, Duplex Recept, Brown
25	3950	1	E. Plastics, Anti Short 3/8"
26	4040	1	300V, 6-32 x 3/8"
27	4362	1	Nut, Wire, Large
28	4684	6	SWITCH, CARLINGTON SPDT
29	503-13	4	Switch, Carling R022-46-E-Q-1
30	533-25	2	3/8" Flexible Conduit, 250m
31	534-25	1	3/8" Flexible Conduit, 300m
32	534-250	1	3/8" Flexible Conduit, 400m
33	534-400	1	Conduit Connector 3/8" 90 Deg.
34	5570	4	Terminal Ring, For 10/12 AWG
35	5655	3	Junction Box, 2 Gang Box #7217
36	5936	2	Plate, Cover For 2-gang Box
37	59817	1	CONDUIT CONNECTOR 3/8"
38	4271	1	Conduit, Flexible 3/8"
39	554-900	1	

see sheet 2 for electrical schematic



REV #	2	DATE	11/13/18	HWG	BELLIS
DESCRIPTION	ELECTRICAL, DUAL BELT SYSTEM				
APPROVED	1900027 Remove (1) 1936 Add 4271, 6561-900 Nos 6563-500 Jansenburn Feb 21, 17 REFERENCE DRAWING BM-53010-2 PROJECT FIRST USED 2017-20				
REVISION	REVISION BAND				
MATERIAL	HOLE TOLERANCE: UNLESS OTHERWISE SPECIFIED IN OTHER QUALITY DOCUMENTS				
SHEET	1 OF 2				

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REV #	2	DATE	11/13/18	BY	BELLIS
DESCRIPTION	ELECTRICAL, DUAL BELT SYSTEM				
PROJECT	PROJECT FIRST USED				
DATE	11/13/18	DRWING TITLE	235764	DRWING NUMBER	BM-137325-2
REVISION	1900027 Remove (1) 3936, Add 4271, 6561-900, 6561-500	DATE	11/13/18	DRWING NUMBER	BM-137325-2
DESIGNER	Jarzenburn	DATE	11/13/18	DRWING NUMBER	BM-137325-2
PROJECT FIRST USED	2017-200	DATE	11/13/18	DRWING NUMBER	BM-137325-2
REVISION	2017-200	DATE	11/13/18	DRWING NUMBER	BM-137325-2
PAINT ZONE	UNLESS OTHERWISE SPECIFIED IN OTHER QUALITY DOCUMENTS				
ANGLE TOLERANCE	UNLESS OTHERWISE SPECIFIED IN OTHER QUALITY DOCUMENTS				
SHEET	2	OF			2

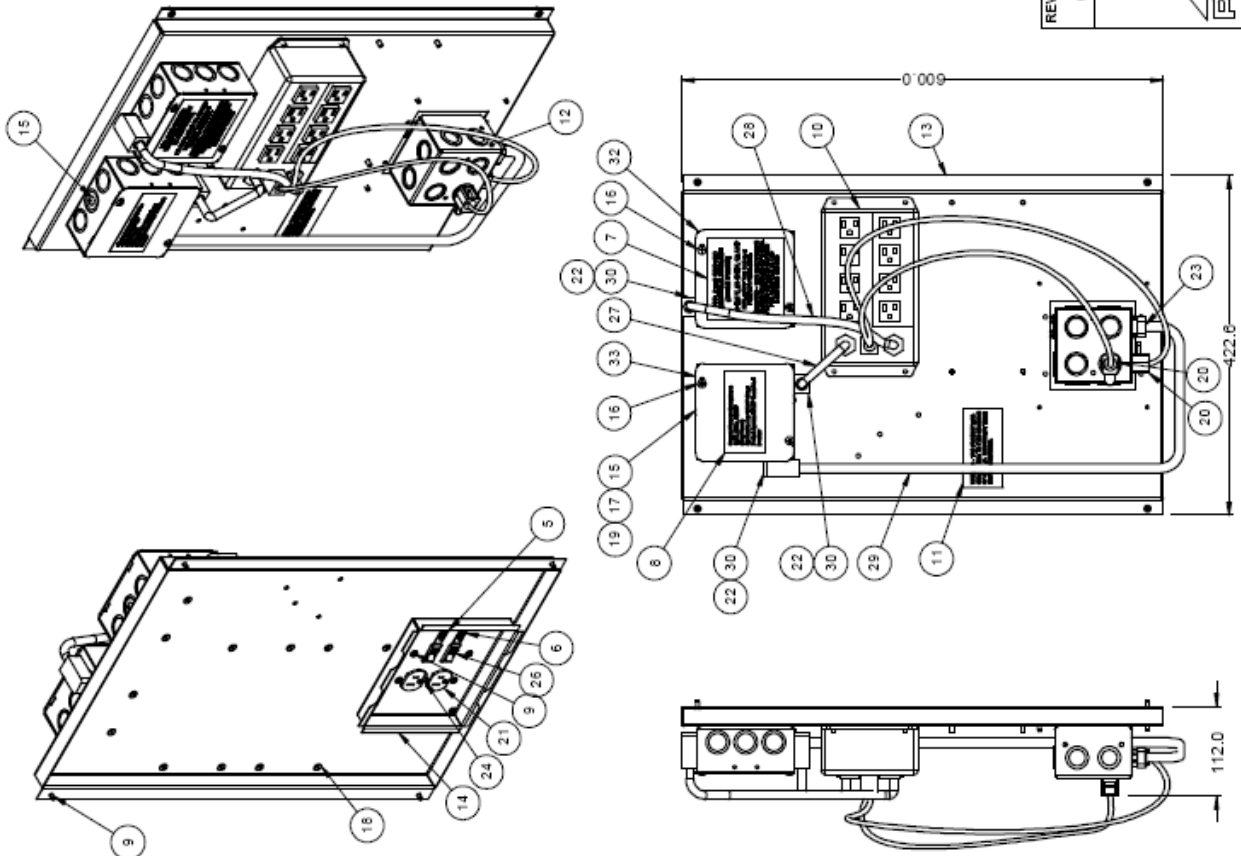
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NON-BELTED ELECTRICAL

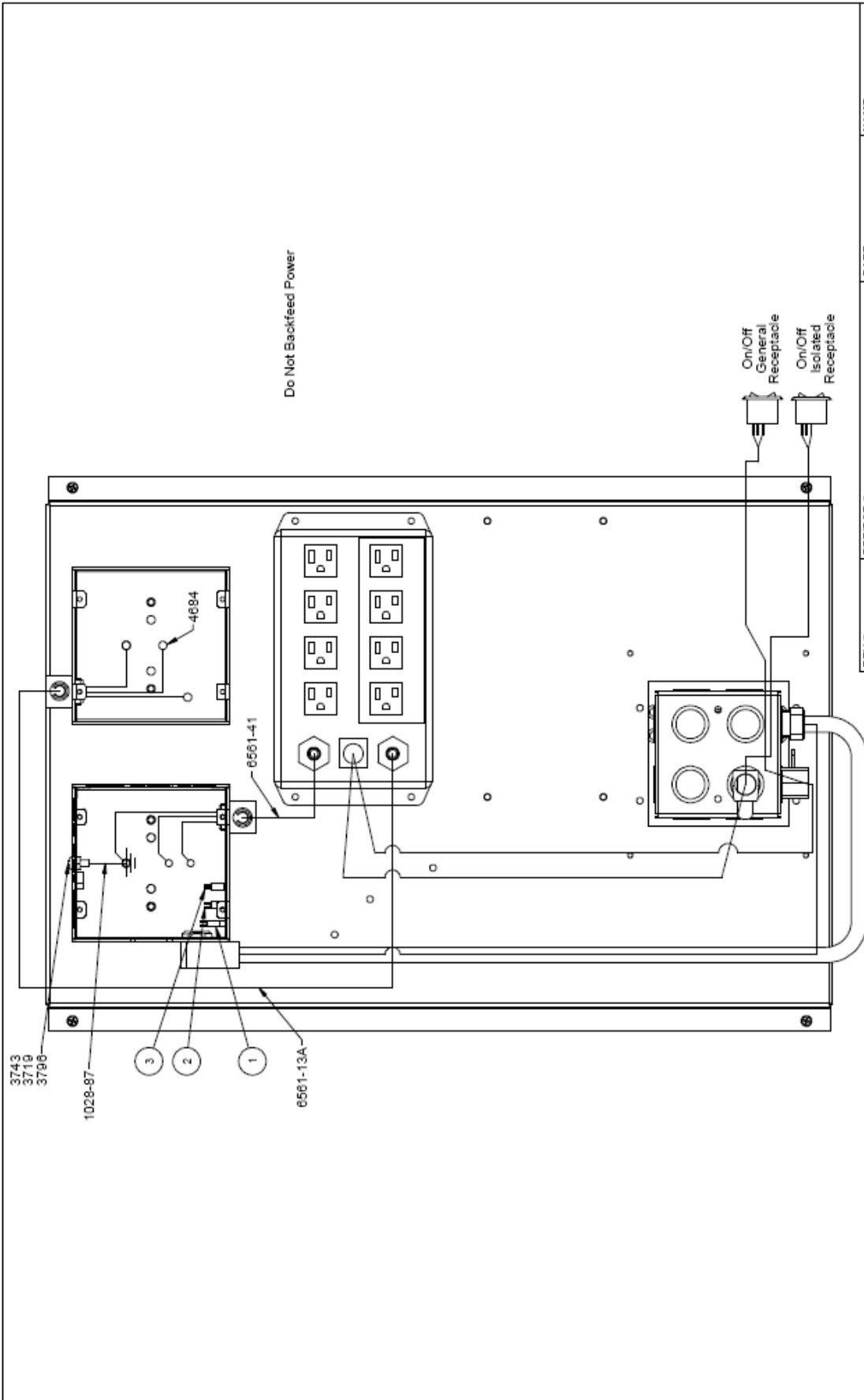
ITEM NO.	PART NUMBER	QTY.	DESCRIPTION
1	1028-427	1	Wire - 14Ga, Black, 800mm
2	1028-428	1	Wire - 14Ga, Green, 800mm
3	1028-429	1	Wire - 14Ga, White, 800mm
4	1028-87	1	Jumper Wire, Green, 14GA, 150mm
5	104028	1	Label, "General Receptacle"
6	104029	1	Label, "Isolated Receptacle"
7	104468	1	IG Receptacle Circuit Label
8	104495	1	General Purpose Circuit Label
9	105063	12	#8 X 3/8" Blunt Tip Screw, Phillips HD
10	105845	1	Clean Powerpart or Total Package
11	11820	1	Label, UL Warning 2 Sources
12	12440	1	2 Gang Box, Metal
13	241405	1	Plate, Electrical Mount
14	241405-NB	1	Electrical Recess Face Plate NB
15	3719	1	Screw, Machine 10-32 x 1/2"
16	3723	4	Screw, Tap, #8 x 3/8
17	3743	1	Washer, #10 Ext. Tooth
18	3760	12	Rivet, Large 4.8mm
19	3796	1	Nut, Hex, 10-32, Zinc Plated
20	3936	2	E-Plastics, Cable Connector
21	3950	1	power Device, Duplex Recept, Brown
22	4040	3	E-Plastics, Anti Short 3/8"
23	4271	1	CONDUIT CONNECTOR 3/8
24	4362	1	SCREW, 6-32 X 3/8"
26	4684	6	Nut, Wire, Large
26	603-13	2	SWITCH, CARLINGTON SPDT
27	6561-250	1	3/8" Flexible Conduit, 250mm
28	6561-400	1	3/8" Flexible Conduit, 400mm
29	6561-900	1	Conduit, Flexible 3/8"
30	6570	3	Conduit Connector 3/8" 90 Deg.
31	6965	3	Terminal Ring, For 10/12 AWG
32	69516	2	Junction Box, 2 Gang Box #7217
33	69817	2	Plate, Cover For 2-Gang Box

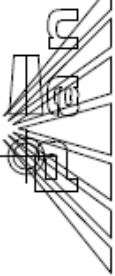

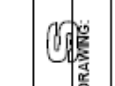
see sheet 2 for electrical schematic

REV #:	0	BRFDCR #:		DATE:		NAME:	
AUTHOR:	aritter	DRAWING TITLE: Electrical, Non-Belted System					
DATE:	Nov. 14, 18	DRAWING NUMBER: bm-137325-3					
REFERENCE DRAWING:	BM-52010-3	PROJECT FIRST USED: 2019-096					
FIRST FILE:		REVERSE HAND:					
PROJ. FILE:		MATERIAL:					
ANGLE TOLERANCE:		HOLE TOLERANCE:					
DIMENSION TOLERANCE: <small>unless otherwise specified in other quality documents</small>							



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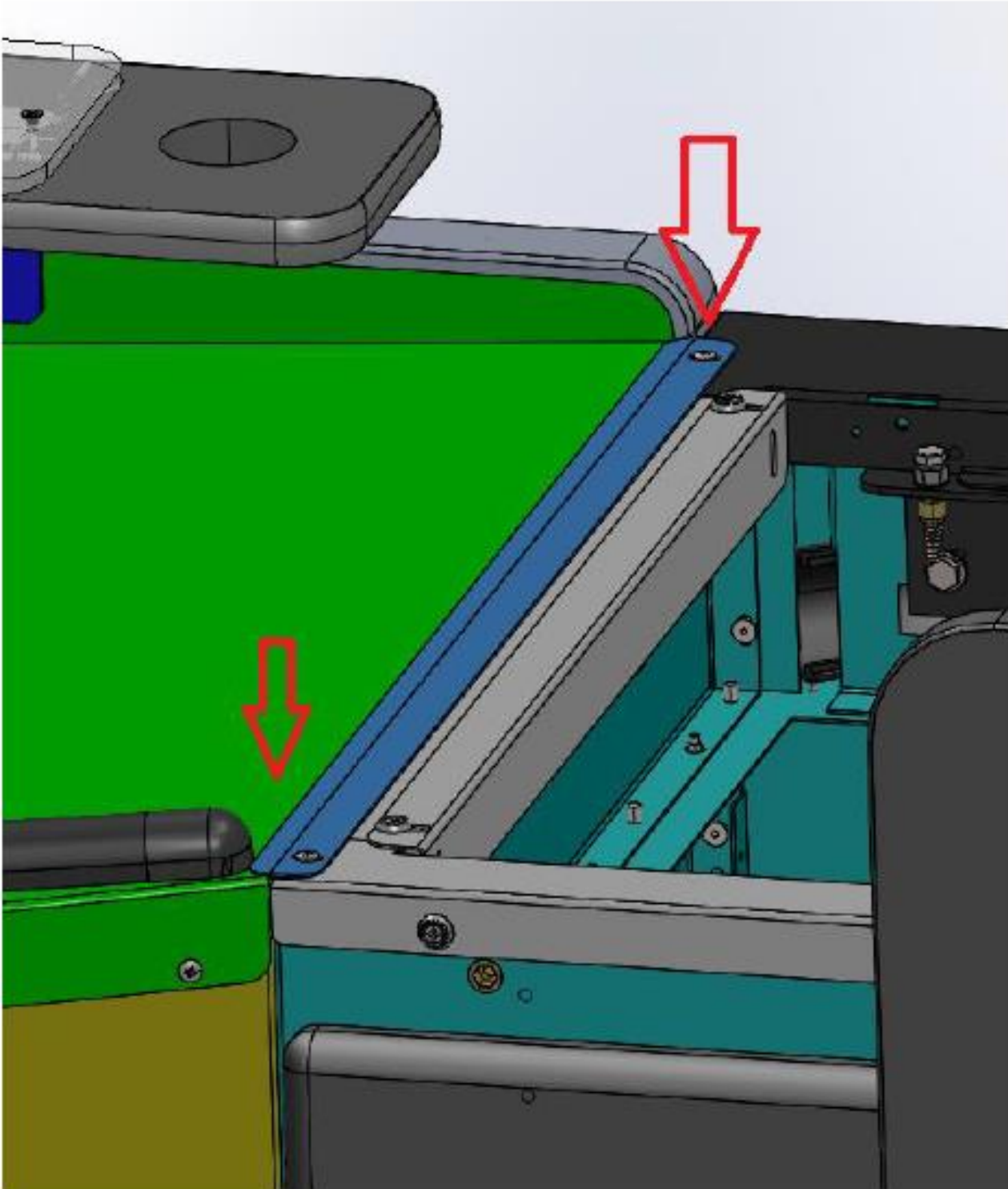


REV #: 0	BRF/DCR #:	DATE:	NAME:
		AUTHOR: arlier	DRAWING TITLE: Electrical, Non-Belted System
		DATE: 09/11/13	DRAWING NUMBER: bm-137325-3
		REFERENCE DRAWING: BV-53010-3	PROJECT FIRST USED: 2019-09/6
FIRST ANGLE PROJ.	PANT ZONE:	REVERSE HAND:	MATERIAL:
ANGLE TOLERANCE:	DIMENSION TOLERANCE:		HOLE TOLERANCE:
<small>Unless otherwise specified in other quality documents</small>			
			SHEET: 2 OF 2

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STAINLESS FILLER ANGLES

The longer trim piece attaches to the conveyor section and will cover the exposed wood underneath the rear cabinet.



Option Two is to install the longer trim piece on the conveyor and then use the larger 90 Degree piece installed over top of it.

