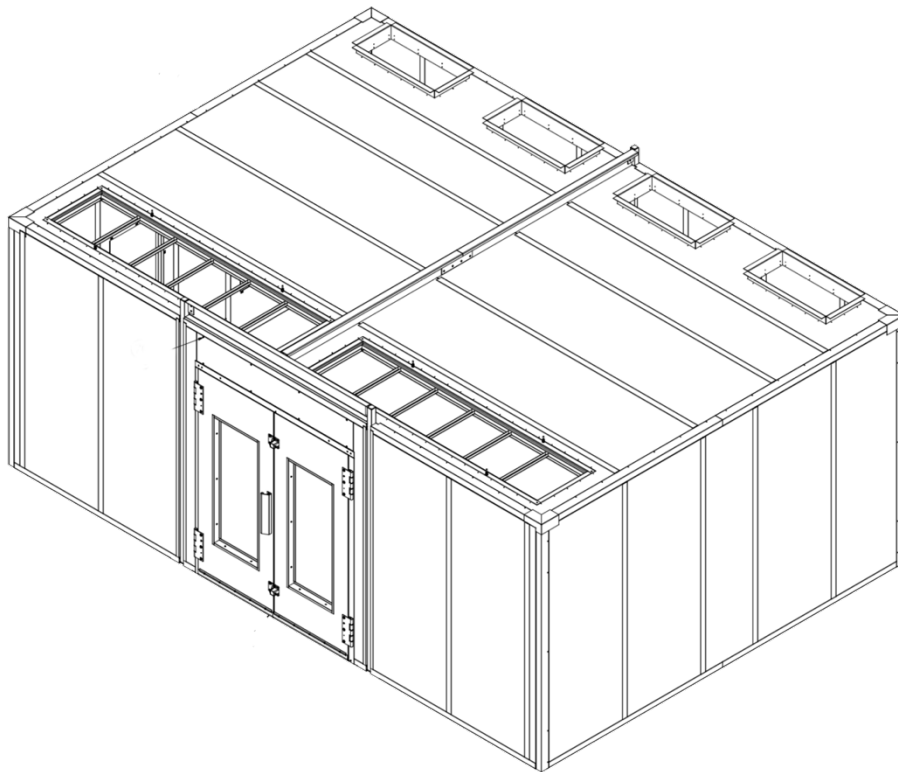

PRECISION

EXTRACTION SOLUTIONS

EXP 2: Installation Manual



General Information



IMPORTANT

Precision Extraction Solutions would like to thank you for selecting our product for your industry. Our product conforms to Occupational Safety & Health Administration (OSHA) and National Fire Prevention Association (NFPA) regulations for your safety.

Read and save these instructions before attempting to assemble, install, operate, or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage. Retain these instructions for future reference.

If further assistance is needed please contact
Precision® Extraction Solutions technical support directly at 855-420-0020.

Safety Information



IMPORTANT

This manual contains statements relative to worker safety. Read this manual thoroughly and comply as directed. Operate this equipment in accordance with the guidelines set forth in this manual. It is impossible to list all potential hazards of this equipment. Instruct all personnel involved with this equipment in the safe conduct and operation of the system. Precision recommends that only qualified personnel operate and maintain this equipment.

GENERAL SAFETY

Operation and maintenance of this product must be performed properly by qualified personnel who observe the warnings in all documentation and notes provided with and on the product. Follow all general standards for installation and safety for work on installations. Follow all good practices for the proper use of lifting tackle and equipment. The use of protective equipment such as safety goggles and protective footwear must be considered. If any pumps or compressors are included as part of this installation, they must be connected in compliance with data in the documentation provided. Guards and covers that prevent contact with electrically energized or moving parts are required to direct the flow of air for effective cooling. They must not be removed or left open during operation. Sound pressure levels over 85 decibels may cause damage to your health. Where applicable, use earplugs or take other safety measures to protect yourself.

SAFETY NOTES

- The product must be installed and serviced only by a trained, qualified service technician. Incorrect installation may void the warranty.
- All persons who will operate, service, inspect, or otherwise handle this product must read and understand the safe operating practices, safety precautions, and warning messages in this documentation.
- Disconnect and lock out the main electrical service before installing, adjusting, or servicing the product.
- Electrical installation should be completed by a qualified electrician. Installation must meet all applicable national, state, and local electrical codes.
- Ensure that all electrical components are grounded to a central ground.
- Become familiar with all controls.
- Safety signs, panels, and labels that are normally affixed to the product must be replaced immediately if illegible or missing.
- New or replacement parts that are installed during repair or maintenance must include all safety signs, panels, and labels as specified by the manufacturer. These must be affixed to the new or replacement parts as specified by the manufacturer.

SAFETY PRECAUTIONS

- Install the product in compliance with the standards of the NFPA.
- Comply with all local electrical, safety, and fire codes and regulations, the National Electrical Code (NEC), and OSHA guidelines.
- Turn the exhaust fan on before using the booth. Ensure that the exhaust fan is operating correctly before entering the booth.
- A fire suppression system (sprinklers or dry chemical) may be required by the NFPA. A fire suppression system is not supplied with this product.
- The use of a solenoid valve may be required by the NFPA. Solenoid valves are not supplied with this product



Safety Hazard

There are inherent hazards associated with the operation and service of this equipment. For your personal safety, observe all of the safety information. Failure to observe these safety practices can result in personal injury or death.

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INSPECTED AND INVENTORIED BY: _____

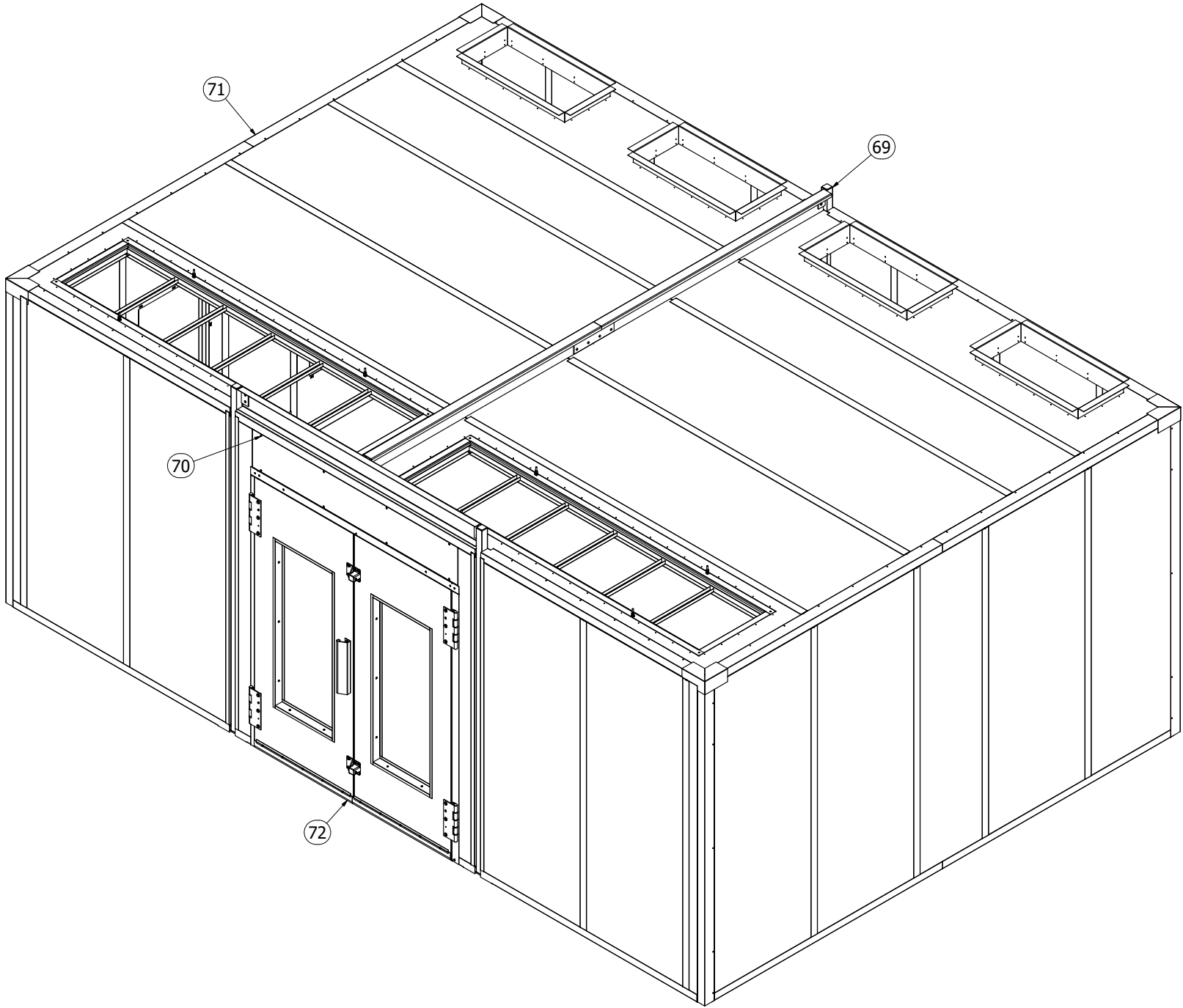
PACKED BY: _____

QUANTITY PER BOOTH: 1

BOOTHS REQUIRED: 1

TOTAL QUANTITY: 1

W	B	D	SKID	ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
				69	1	CA-FPDN-2012	FLOOR PROFILE ASSEMBLY	
				70	1	CA-MDF01	DOOR FRAME, 2 SLAB, 6'W x 7'H, NO THRESHOLD	
				71	1	CA-PNL01	PANEL ASSEMBLY	
				72	1	DSC-0607-22-N	DOOR SLAB ASSEMBLY, 2 SLAB DOOR, NO THRESHOLD	



1

2

3

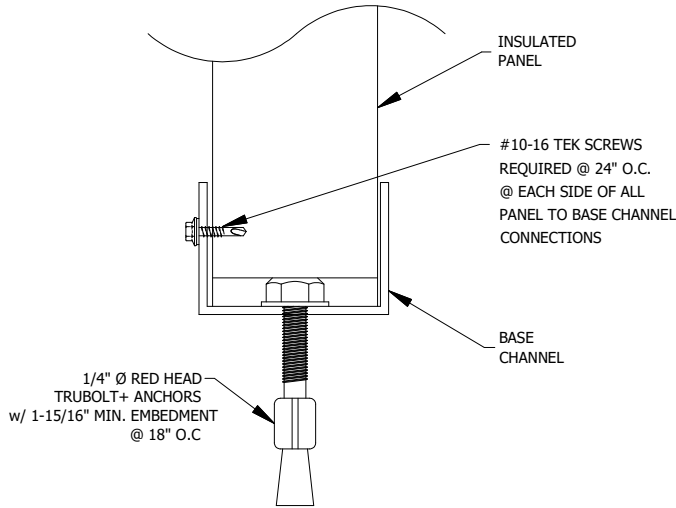
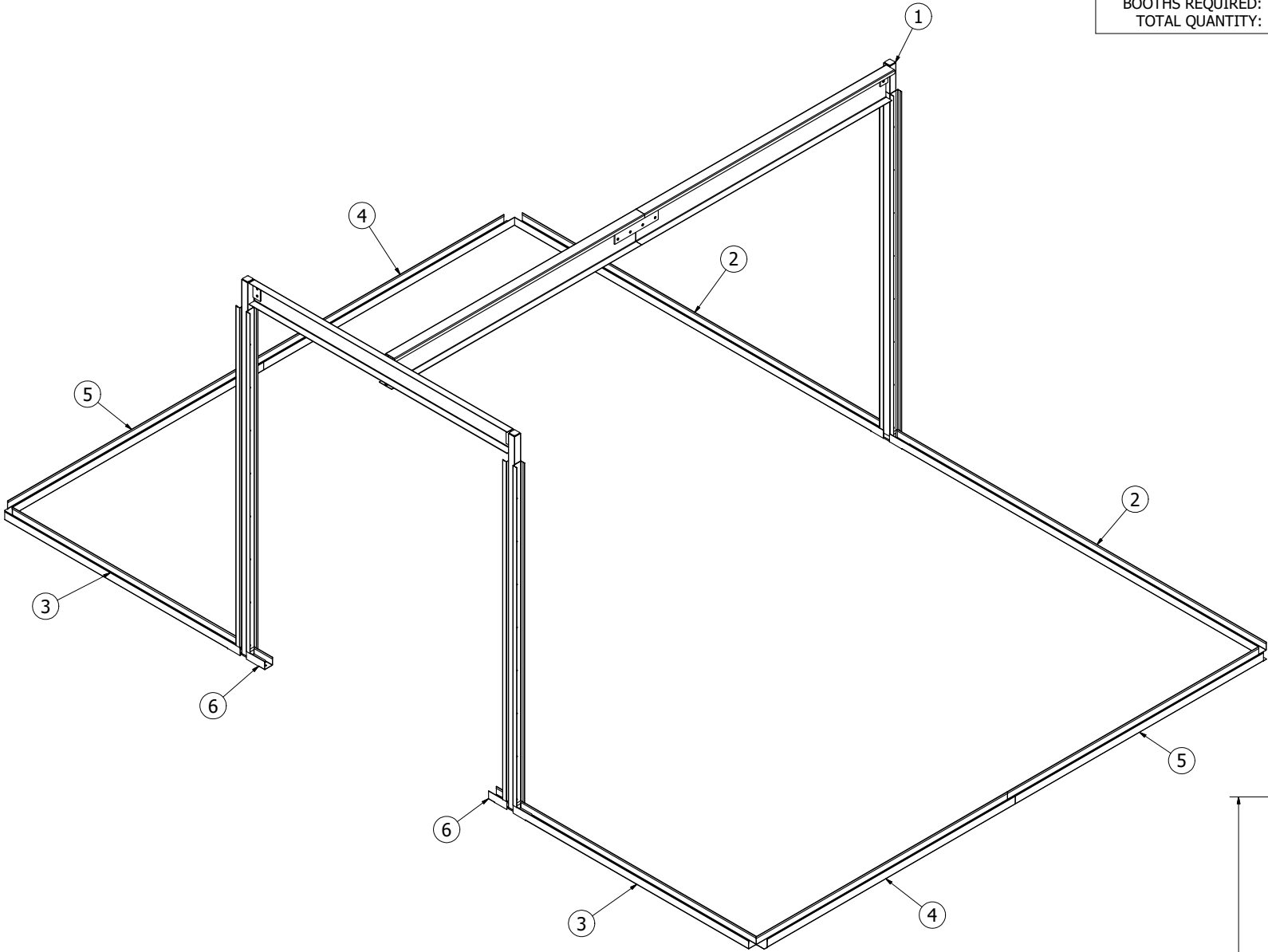
4

MODEL INFO ENCWI-2008NSB-12 SPECIAL NON-PRESSURIZED SOLID BACK ENCLOSURE	SCALE	3/4" = 1'-0"
	DRAWN BY	CGJ
	DATE	10/4/2018
	REVIEW BY	
	REVIEW DATE	
ORDER/SERIAL NUMBER		
DRAWING SET	REVISION	
DRAWING 1		

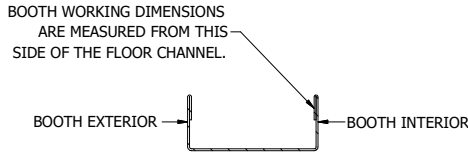
NOTE:
1. ANCHOR FLOOR CHANNELS TO BUILDING FLOOR AT APPROXIMATELY 48" O.C. SPACING UNLESS SPECIFIED DIFFERENTLY ON GA DRAWING. (ANCHORS NOT SUPPLIED BY PES)
2. DOOR FLOOR CHANNEL MAY REQUIRE SHIMMING AND GROUTING IF OPENING IS NOT LEVEL.
3. DOOR FLOOR CHANNEL SHOULD BE ELEVATED ONLY ENOUGH TO ENSURE THAT IT IS LEVEL.

INSPECTED AND INVENTORIED BY:	
PACKED BY:	
QUANTITY PER BOOTH:	1
BOOTHS REQUIRED:	1
TOTAL QUANTITY:	1

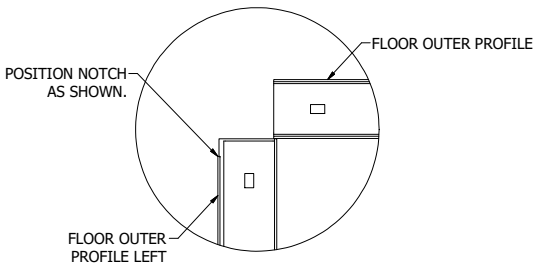
W	B	D	SKID	ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
				1	1	CA-STR-1	OVERALL STRUCTURE ASSEMBLY	
				2	2	CP-BC01	FLOOR OUTER PROFILE, 114.885 in	18 WP
				3	2	CP-BC02	FLOOR OUTER PROFILE, 71.885 in	18 WP
				4	2	CP-BC03	FLOOR OUTER PROFILE, 81 in	18 WP
				5	2	CP-BC04	FLOOR OUTER PROFILE, 81 in	18 WP
				6	2	CP-BC05	FLOOR OUTER PROFILE, 1.885 in	18 WP



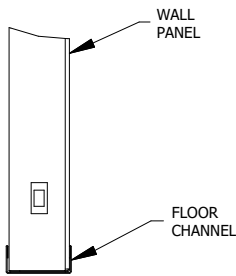
BASE CHANNEL DETAIL



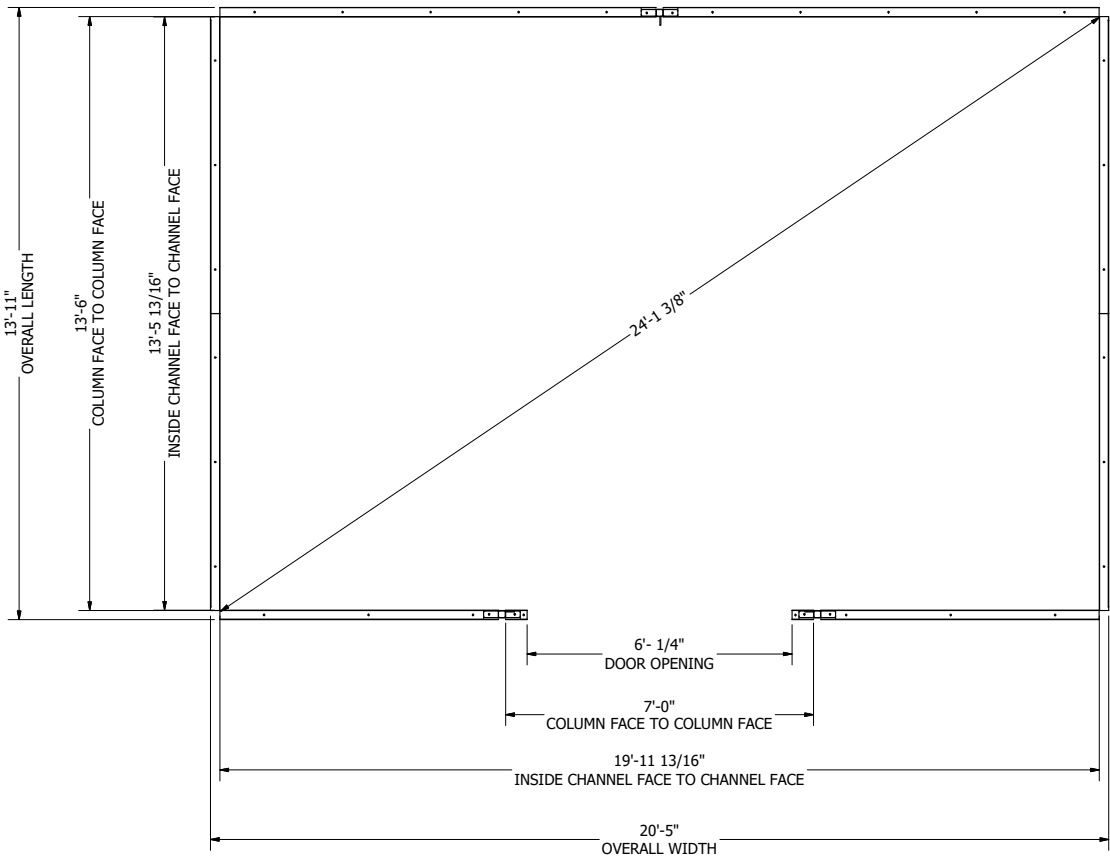
DETAIL FLOOR CHANNEL MEASUREMENT



DETAIL FLOOR OUTER PROFILE NOTCH



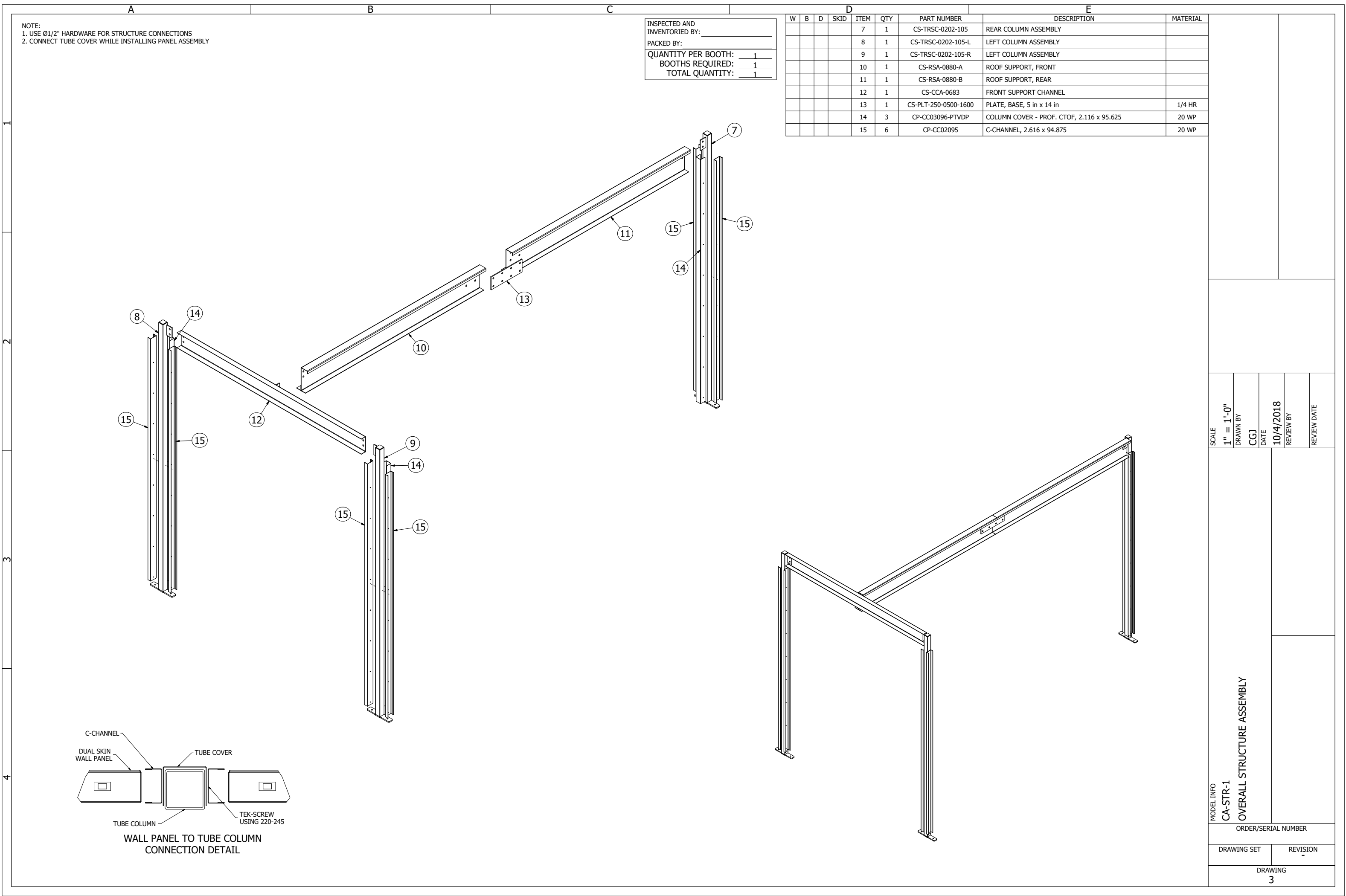
FLOOR CHANNEL



SCALE	3/4" = 1'-0"
DRAWN BY	CGJ
DATE	10/4/2018
REVIEW BY	
REVIEW DATE	

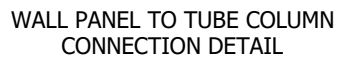
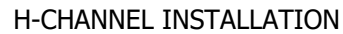
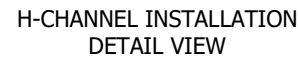
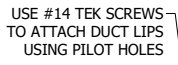
MODEL INFO
CA-FPDN-2012
FLOOR PROFILE ASSEMBLY

ORDER/SERIAL NUMBER	
DRAWING SET	REVISION
DRAWING 2	



4		3	2	1
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DO NOT INSTALL BACK WALL PANELS
UNTIL SINGLE SKIN CHAMBER PANELS
ARE TEK SCREWED IN PLACE



-

SCALE

ORDER/SERIAL NUMBER

DRAWING SET	REVISION
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DRAWING
4

SECTION A-A

REQUIREMENT:

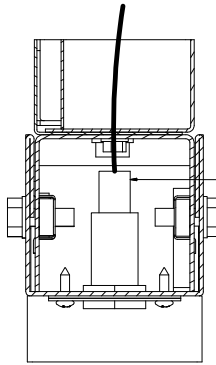
REQUIREMENT:

A PROXIMITY DOOR SENSOR IS REQUIRED WHENEVER THE PRODUCT DOOR IS INSTALLED IN A BOOTH EQUIPPED WITH AN AIR HEATER.

IF A PROXIMITY DOOR SENSOR IS NOT REQUIRED, SCREW THE DOOR SENSOR COVER PLATE (DSCP0202) TO THE DOOR HEADER COVER (DHC03073). IF A SWITCH IS REQUIRED SEE BELOW.

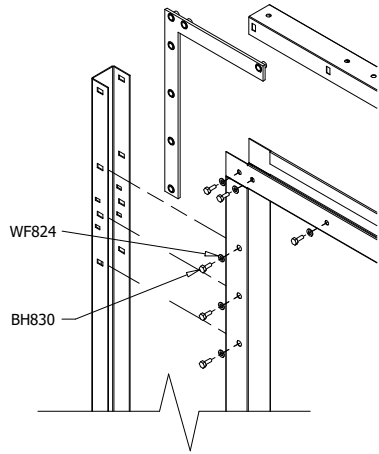
INSTALLATION:

1. DECIDE WHETHER THE ACCESS SLAB WILL BE LEFT OR RIGHT HANDED. INSTALL THE HEADER SO THAT THE 1-5/8" HOLE IS ON THE CORRESPONDING SIDE OF THE DOOR OPENING. LEFT HAND INSTALLATION SHOWN. DRILL TWO 1-1/4" DIAMETER HOLES IN THE HEADER PANEL, SEE BELOW. INSTALL THE DOOR FRAME.
2. USE THE 18mm LOCK NUTS SUPPLIED WITH THE SENSOR (PART OF 650-016) TO BOLT THE SENSOR TO THE DOOR SWITCH PLATE (DSP0202).
3. RUN THE CABLE (PART OF 650-016) THROUGH THE PANEL ABOVE THE DOOR. PLUG THE CABLE INTO THE SENSOR AND INSTALL THE LOCK OUT DEVICE (PART OF 650-016). SCREW THE DOOR SWITCH PLATE TO THE DOOR HEADER COVER.
4. THE CABLE SHOULD BE RUN THROUGH THE ROOF WIRE HARNESS COVERS AND CONDUIT (NOT SUPPLIED) TO THE CONTROL PANEL. WIRE THE CABLE INTO THE CONTROL PANEL AS SHOWN IN THE WIRING SCHEMATIC DRAWING.



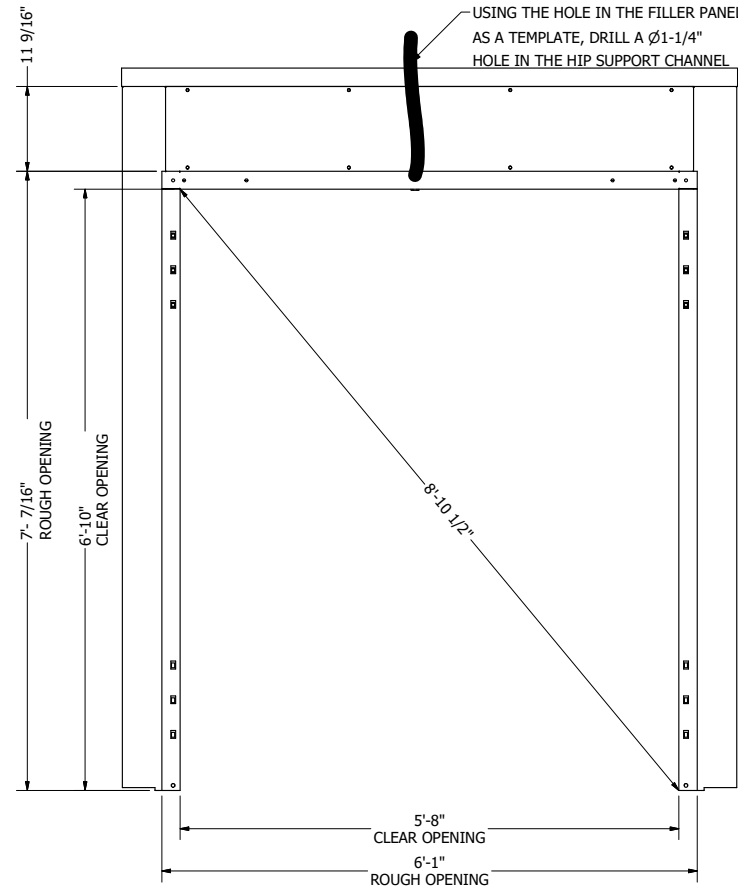
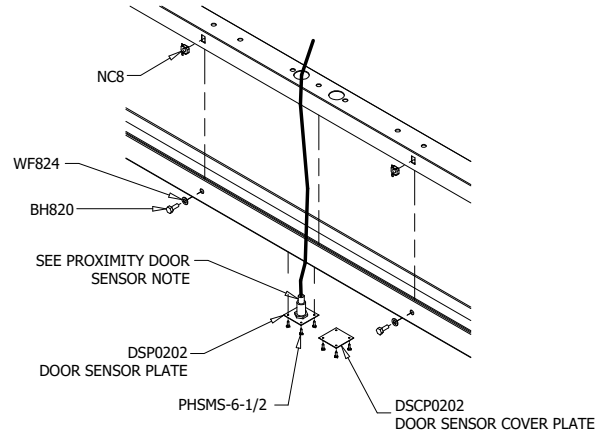
SECTION A-A

W	B	D	SKID	ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
				50	1	CP-DCP-1272	DOOR CLOSEOFF PANEL ASSEMBLY	
				51	1	CP-PADSX-06096-L	PANEL ASSEMBLY, DUAL SKIN, SOLID	
				52	1	CP-PADSX-06096-R	PANEL ASSEMBLY, DUAL SKIN, SOLID	
				53	1	DFSA-L	DOOR FRAME SUPPORT ANGLE - LEFT	
				54	1	DFSA-R	DOOR FRAME SUPPORT ANGLE - RIGHT	
				55	1	CP-CA05	CORNER ANGLE - DUAL, 1.75 in x 84 in	16 WP
				56	1	CP-CC04	BOOTH CORNER COVER, 3.4 in x 84 in	20 WP
				57	2	DBP0202	DOOR POST BASE PLATE, 1.875 x 2.280	16 GA
				58	1	DH02068	DOORWAY HEADER, 2.440 x 68.064	16 GA
				59	1	DHC03073	DOORWAY HEADER COVER, 2.700 x 68.104	16 WP
				60	1	DPC0382L	DOOR POST COVER, LH, 2.700 x 82.000	20 WP
				61	1	DPC0382R	DOOR POST COVER, RH, 2.700 x 82.000	20 WP
				62	2	DPU0284	DOOR POST, 2.440 x 82.782	14 GA

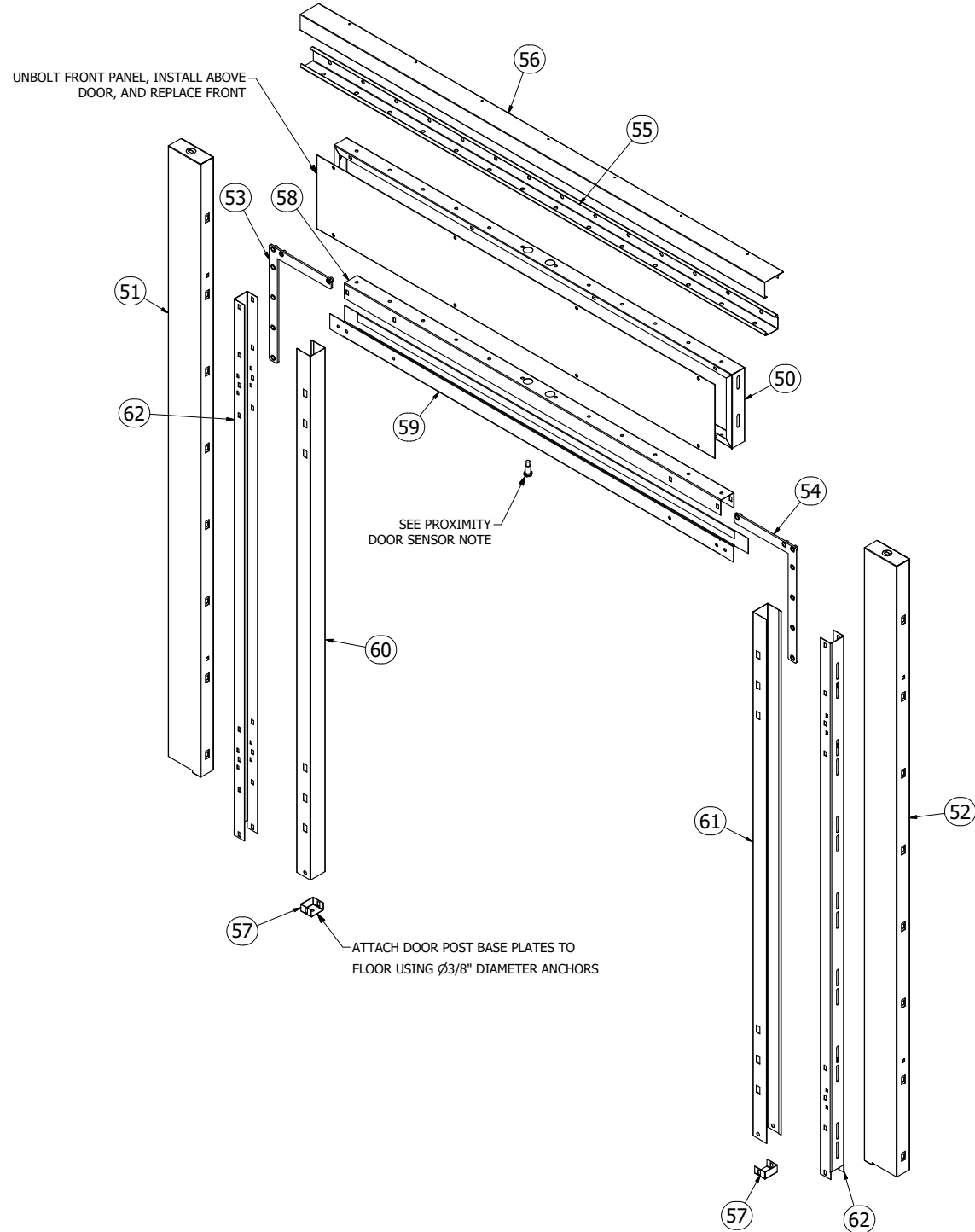


NOTE:

1. LEAVE ALL BOLTS LOOSE UNTIL ASSEMBLY IS SQUARED, THEN TIGHTEN SECURELY.
2. A GAP OF A 1/4" SHOULD BE MAINTAINED BETWEEN THE DOOR FRAME AND THE OUTER PERIMETER OF THE DOOR SLABS.



PRODUCT DOOR, FRONT VIEW



SCALE
1 1/4" = 1' 0"

DRAWN BY

CGJ

DATE _____

REVIEW BY

REVIEW DATE

ORDER/SERIAL NUMBER

DRAWING SET

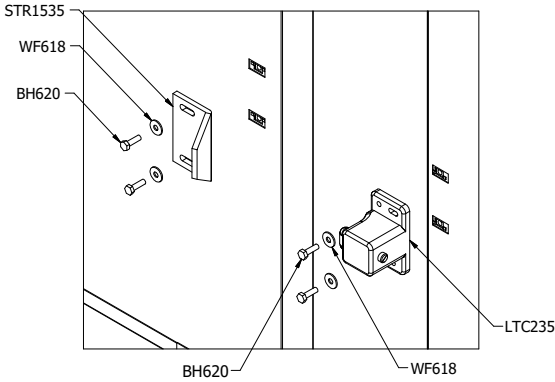
REVISION

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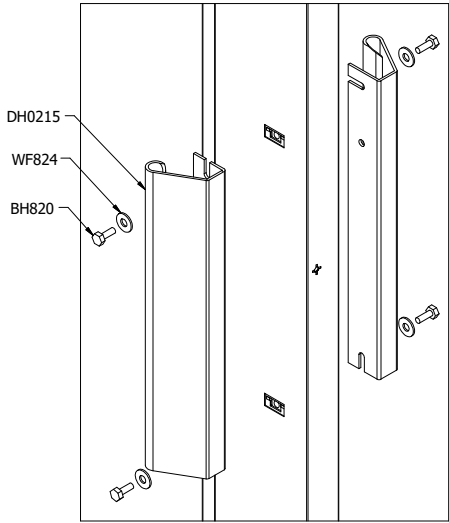
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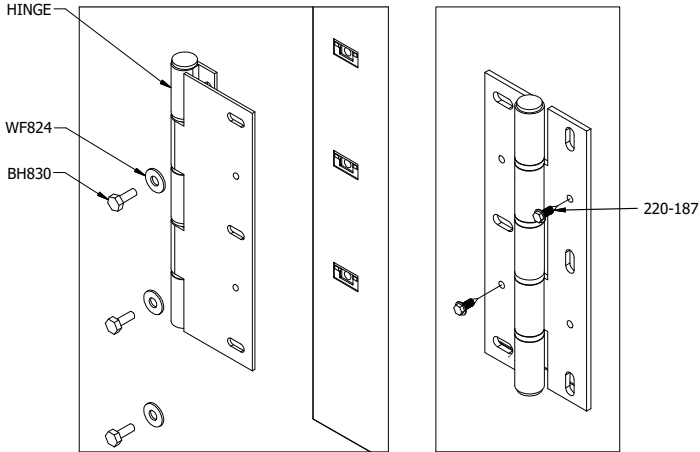
- NOTE:
1. FRONTAL DOORS CAN BE INSTALLED AS EITHER A LEFT OR A RIGHT HAND DOOR.
2. LEAVE ALL BOLTS LOOSE UNTIL ASSEMBLY IS SQUARED, THEN TIGHTEN SECURELY.
3. DESIGNED GAP BETWEEN DOOR SLABS IS 1".
4. REFERENCE LOCKING ROD DRAWING FOR ASSEMBLY.



DOOR LATCH DETAIL

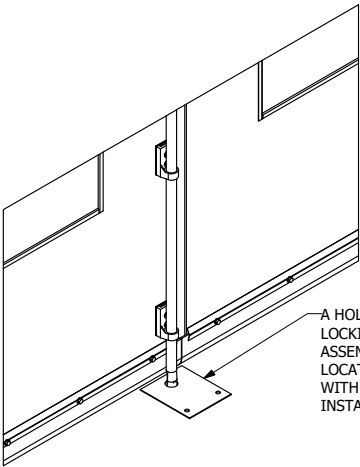
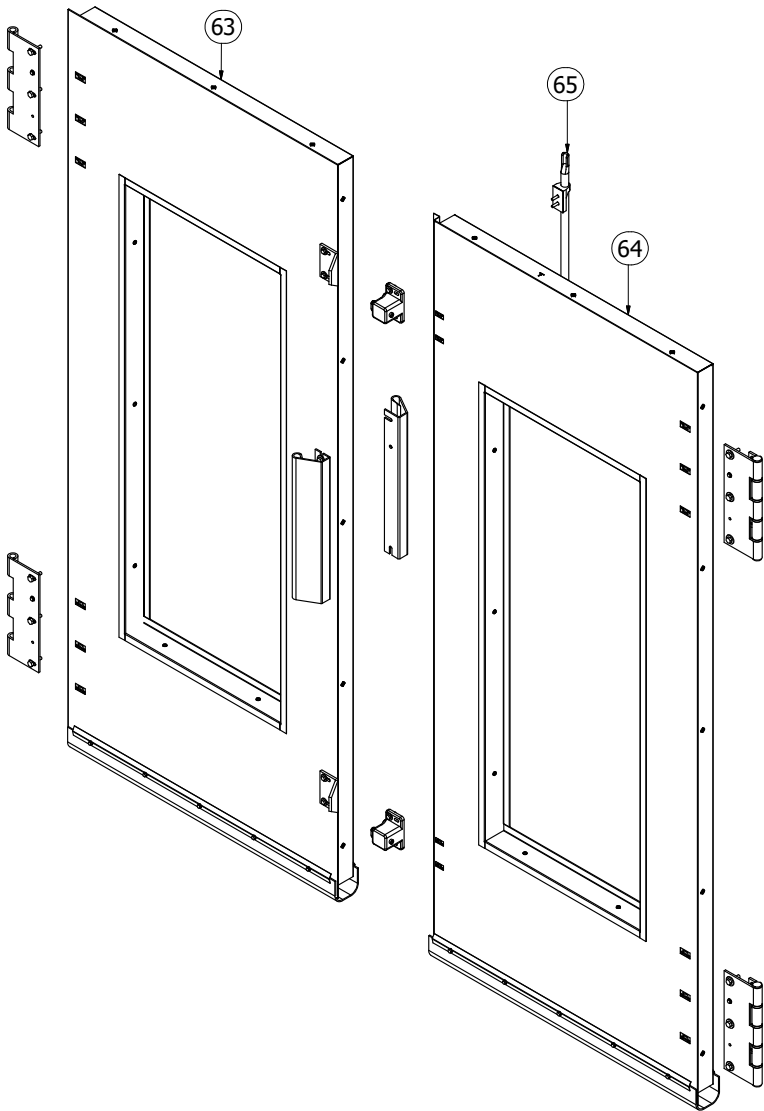
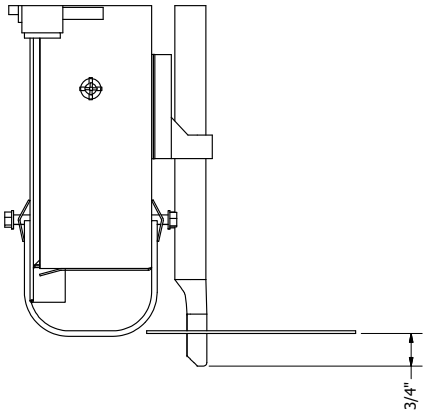


DOOR HANDLE DETAIL



DOOR HINGE DETAIL

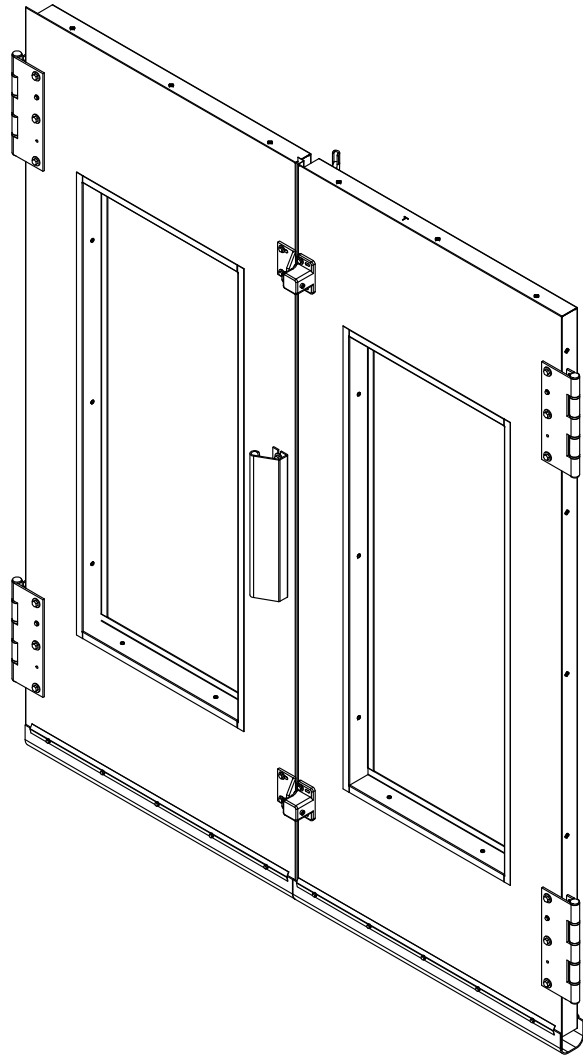
- SET DOOR AND BOLT HINGE INTO PLACE. ONCE THE GAPS ARE SET BETWEEN DOOR SLABS TIGHTEN BOLTS.
- THEN INSERT (2) TEK-SCREWS CROSS WISE ON THE HINGE USING PILOT HOLES AS A GUIDE.



A HOLE MUST BE DRILLED INTO THE FLOOR FOR THE BOTTOM LOCKING ROD. TO LOCATE THIS HOLE BOLT THE LOCKING ROD ASSEMBLY TOGETHER, THEN CLOSE THE DOOR AND MARK THE LOCATION WHERE THE LOWER LOCKING ROD COMES IN CONTACT WITH THE FLOOR. DRILL A Ø7/8" HOLE IN THE FLOOR AND INSTALL THE LOCKING ROD FLOOR PLATES.

INSPECTED AND INVENTORIED BY:	
PACKED BY:	
QUANTITY PER BOOTH:	1
BOOTHs REQUIRED:	1
TOTAL QUANTITY:	1

W	B	D	SKID	ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
				63	1	SDS3382A	SOLID DOOR SLAB, ACCESS	
				64	1	SDS3382J	SOLID DOOR SLAB, ADJACENT	
				65	1	KIT-LROD-7H-NT	KIT, LOCKING ROD, 7 FT HIGH, NO THRESHOLD	



SCALE
1 1/2" = 1'-0"

DRAWN BY

DATE

REVIEW BY

REVIEW DATE

ORDER/SERIAL NUMBER

DRAWING SET
R01

REVISION
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DRAWING
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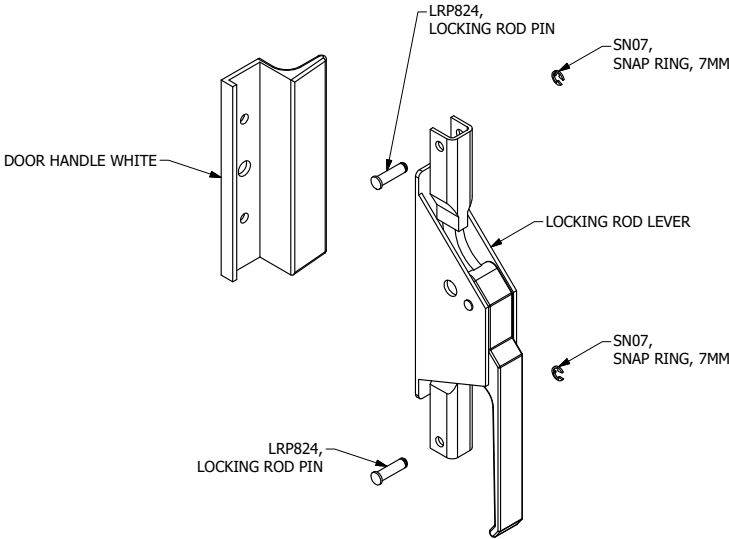
D

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INSPECTED AND INVENTORIED BY: _____	
PACKED BY: _____	
QUANTITY PER BOOTH:	1
BOOTHS REQUIRED:	1
TOTAL QUANTITY:	1

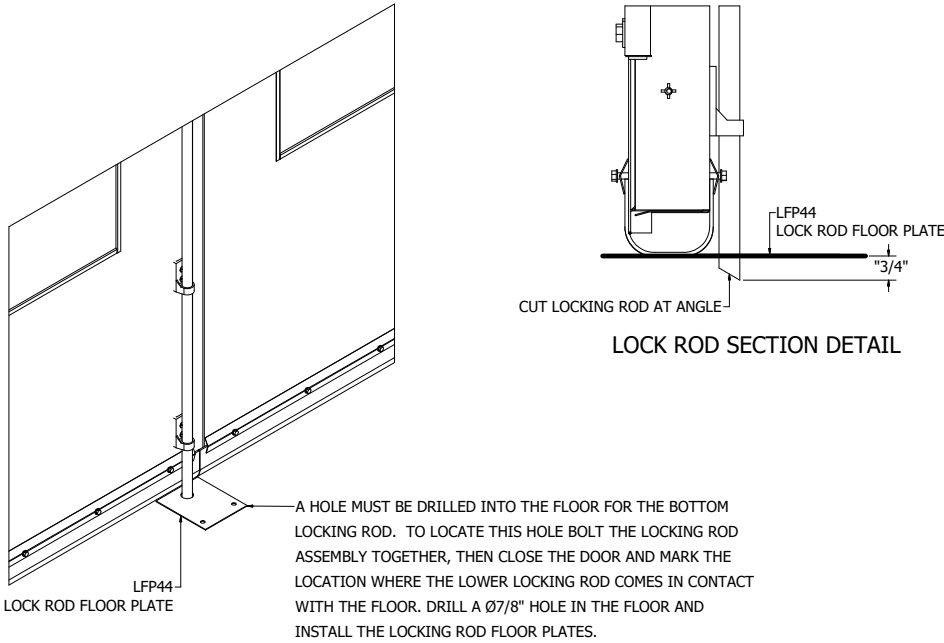
W	B	D	SKID	ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
				66	1	KIT-ARLL-NT	KIT - AUTO REFINISH LEVER LATCH, NO THRESHOLD	
				67	1	LR7538	LOCKING ROD, .709 OD X 38.313 POWDER COATED WHITE	-
				68	1	LR7540	LOCKING ROD, .709 OD X 39.563 POWDER COATED WHITE	-

NOTE: DOOR EYELET SHIMS ARE INCLUDED WITH LOCKING ROD KIT. SHIMS SHOULD ONLY BE INSTALLED IN THE EVENT THE LOCKING RODS ARE BINDING OR NOT CLEARING THE DOOR HEADER OR FLOOR BASE.

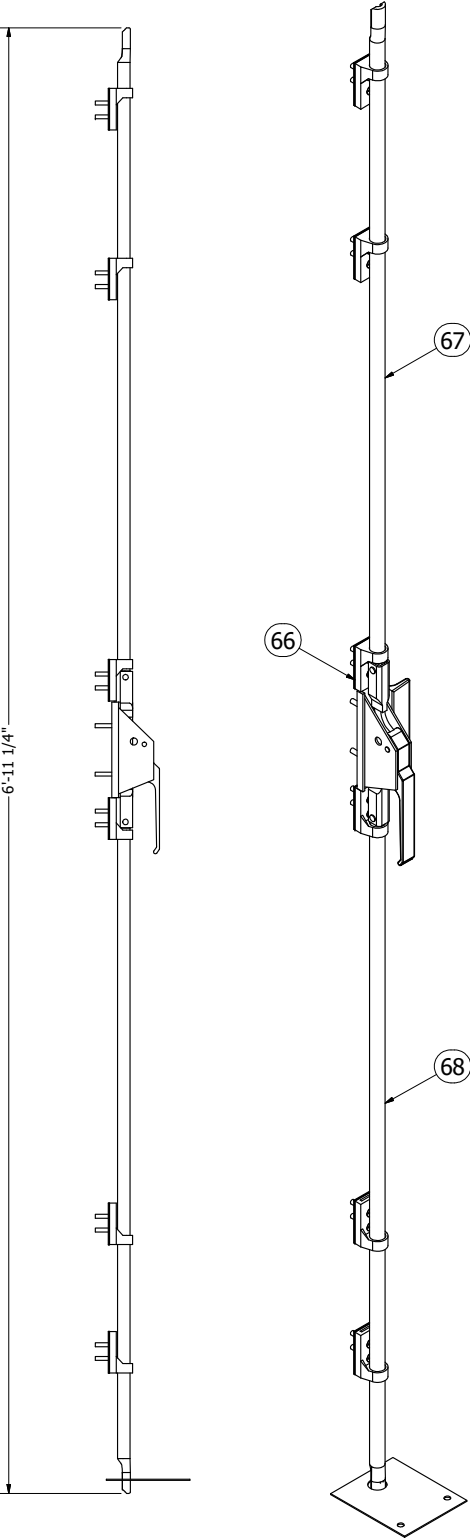


208-085, INTERNAL DOOR HANDLE & LEVER LATCH W/PINS

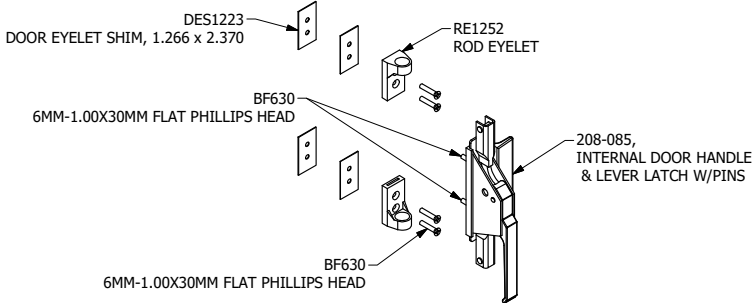
NOTE: PARTS LISTED ABOVE ARE INCLUDED IN ONE, DOOR HANDLE AND LEVER LATCH, PART #208-085.



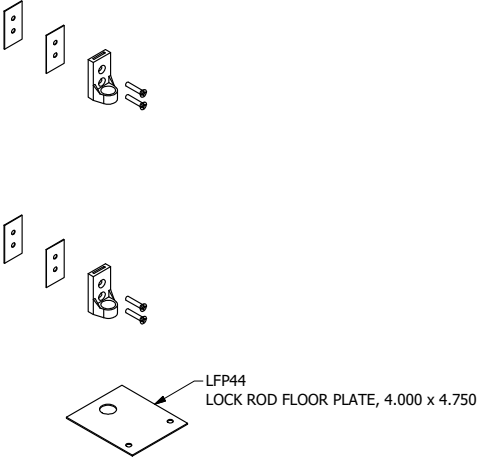
DOOR LOCK ROD DETAIL



KIT, LOCKING ROD, 7 FT HIGH, NO THRESHOLD



KIT-ARLL-NT, KIT - AUTO REFINISH LEVER LATCH, NO THRESHOLD



MODEL INFO
KIT-LROD-7H-NT

KIT, LOCKING ROD, 7 FT HIGH, NO THRESHOLD

SCALE

3" = 1'-0"

DRAWN BY

DATE

10/4/2018

REVIEW BY

REVIEW DATE

ORDER/SERIAL NUMBER

DRAWING SET
R01

REVISION
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NOTE:

1. PANEL TEK-SCREW LOCATIONS ARE BASED ON PANEL WIDTHS.

2. USE #10 TEK-SCREWS (220-185) IN LOCATIONS SHOWN BELOW FOR BOTH SINGLE SKIN BOOTHS AND DUAL SKIN BOOTHS.

3. TEK-SCREWS ARE REQUIRED ON THE INSIDE BOTTOM TRACK OF THE BOOTH

1/2" MIN FROM TOP OF TRACK

—0"-9"—

— 10" TO 18" —

—19" TO 36".

CENTER OF PANEL

2" MAX

—2" MAX

—2" MAX

—CENTER OF PANEL

2" MAX

INSIDE BOOTH ELEVATION

SCALE

4" = 1'-0"

4 = 1 - 0

DRAWN BY

CGI

DATE _____
CGJ _____

REVIEW BY

REVIEW DATE

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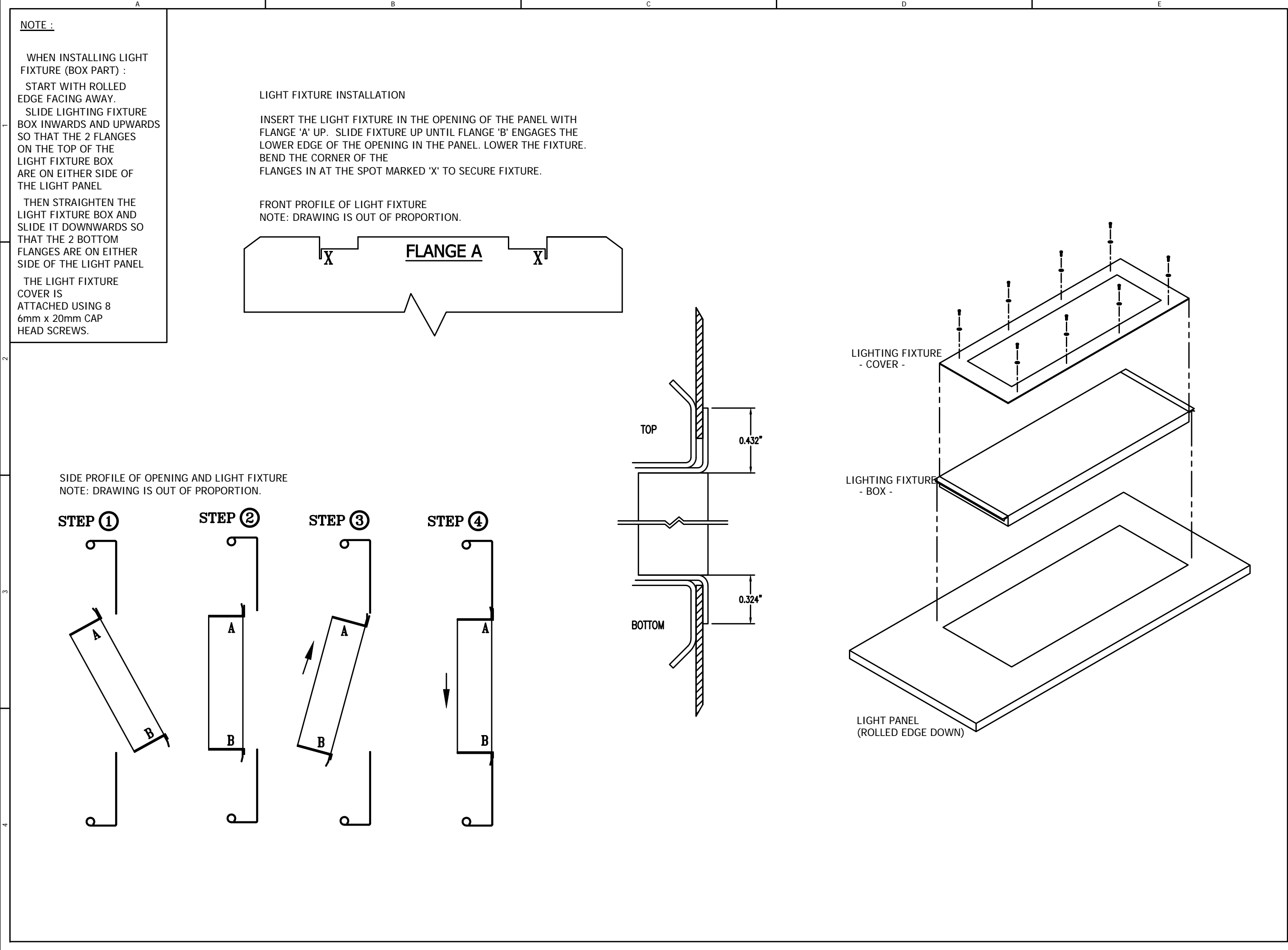
R01

REVISION

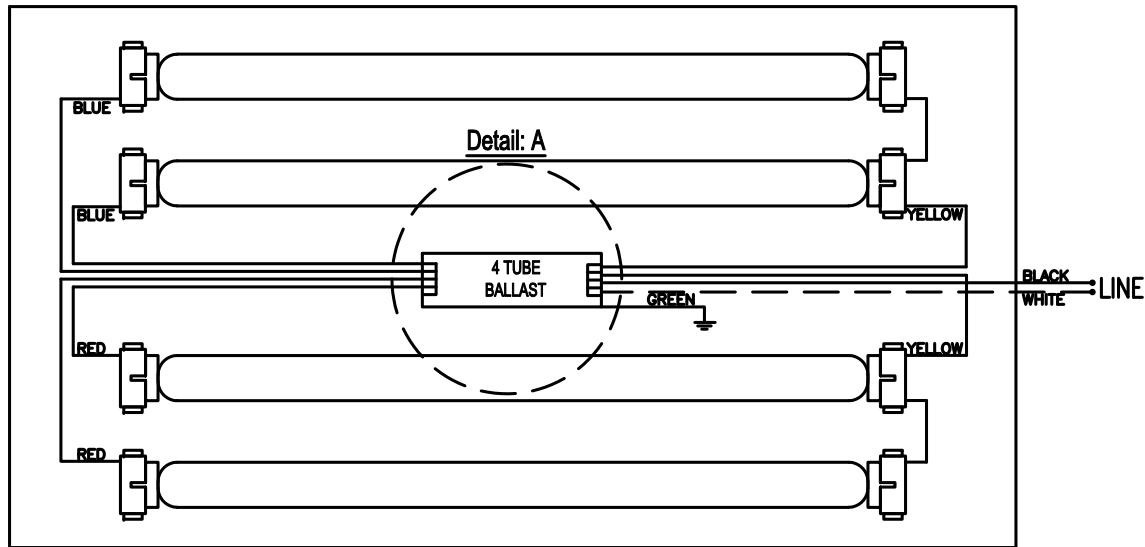
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DRAWING
SCREW DETAILS

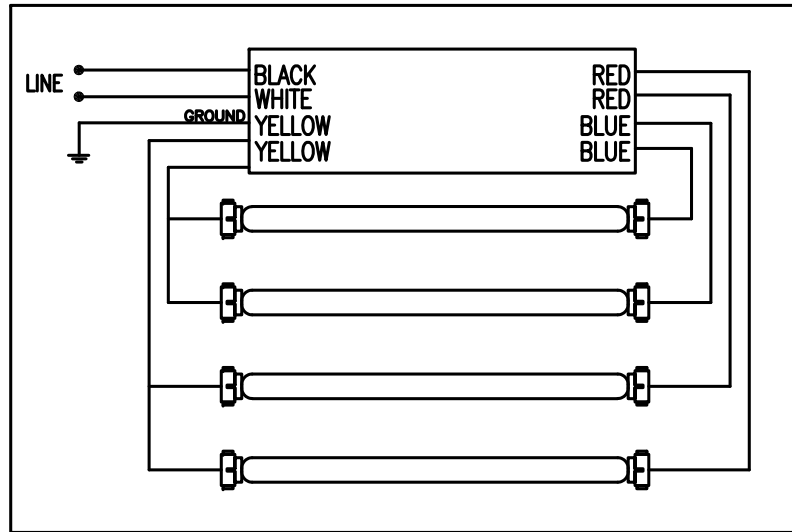
SCREW DETAILS



4 TUBE WIRING - (One Ballast)



DETAIL: A



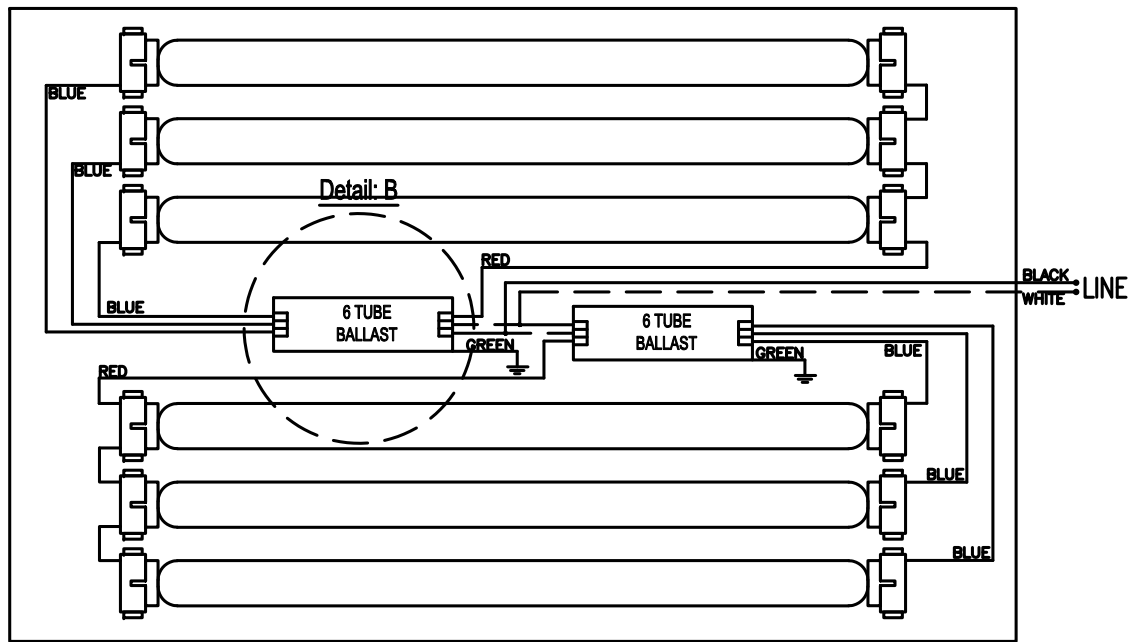
NOTES

- 1) All wire is 18 Gauge
- 2) The Magnetic Microswitches are a safety feature and are wired into the Control Circiut. The Switches are used to disable the operation of the spray-gun, should any of the light fixture covers not be closed properly.

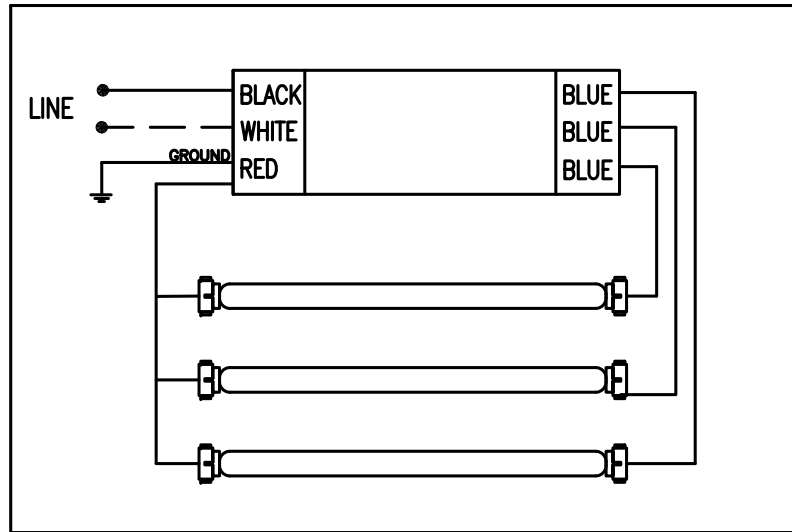
SINGLE VOLTAGE LIGHTING BALLASTS

4 Tube Fixtures		
120 Volt	277 Volt	347 Volt
4 Tube 0.95A 60HZ 32W	4 Tube 0.41A 60HZ 32W	4 Tube 0.31A 60HZ 32W
6 Tube Fixtures		
120 Volt	277 Volt	347 Volt
3 Tube 0.71A 60HZ 32W (0.71A per ballast)	3 Tube 0.33A 60HZ 32W (0.33A per ballast)	3 Tube 0.26A 60HZ 32W (0.26A per ballast)

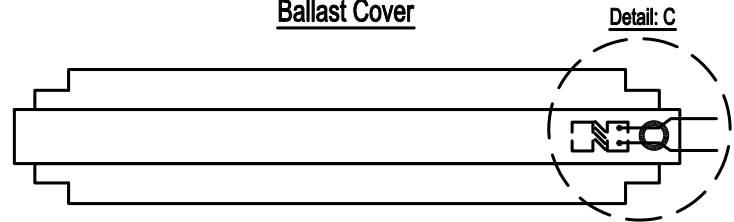
6 TUBE WIRING - (Two Ballasts)



DETAIL: B



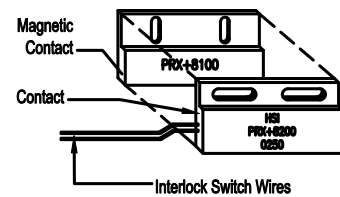
Ballast Cover

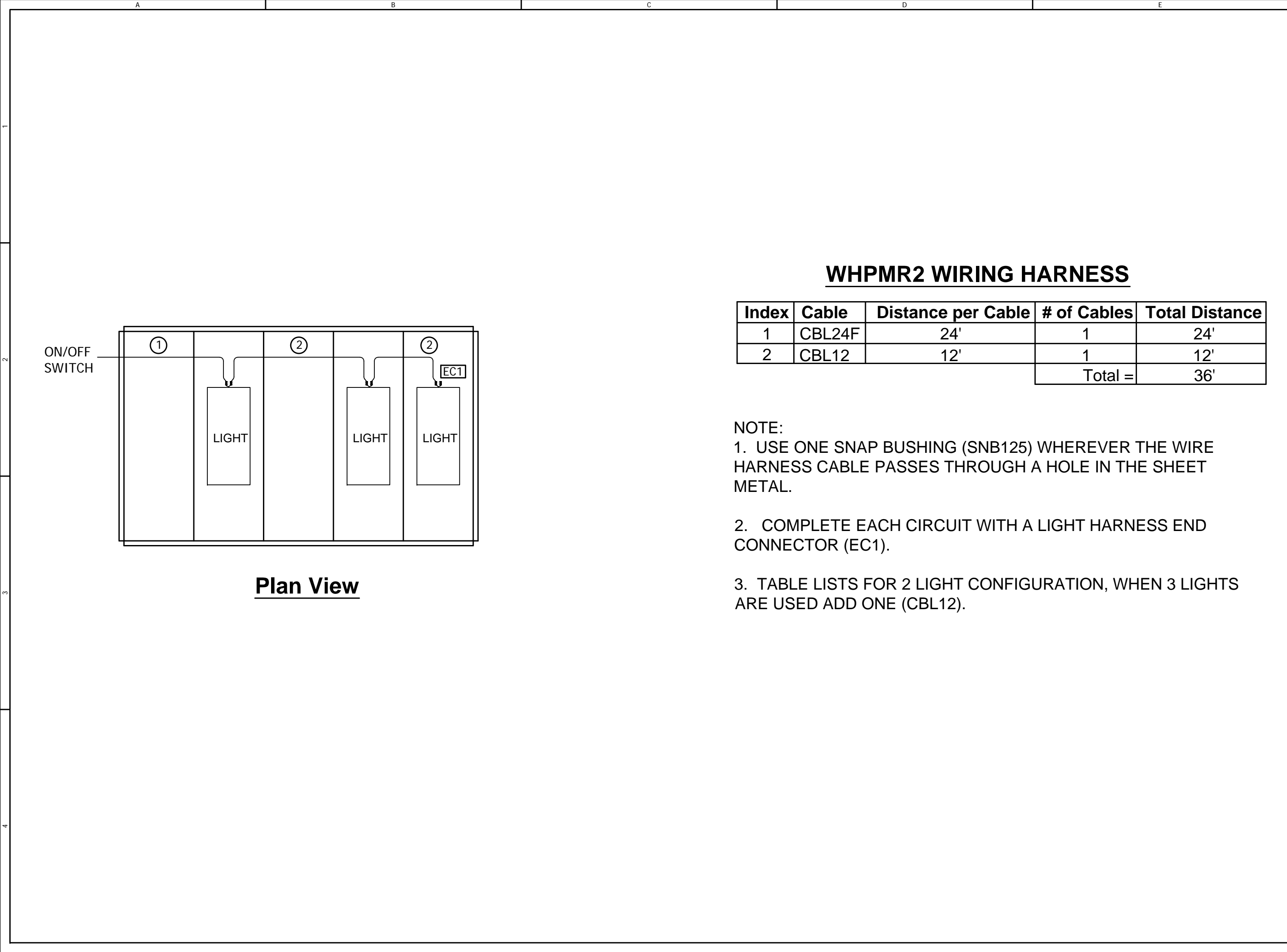


Detail: C

DETAIL: C

Hermetic Proximity Sensor
(Interlock Switch)





WHPMR2 WIRING HARNESS

Index	Cable	Distance per Cable	# of Cables	Total Distance
1	CBL24F	24'	1	24'
2	CBL12	12'	1	12'
			Total =	36'

- NOTE:
1. USE ONE SNAP BUSHING (SNB125) WHEREVER THE WIRE HARNESS CABLE PASSES THROUGH A HOLE IN THE SHEET METAL.
2. COMPLETE EACH CIRCUIT WITH A LIGHT HARNESS END CONNECTOR (EC1).
3. TABLE LISTS FOR 2 LIGHT CONFIGURATION, WHEN 3 LIGHTS ARE USED ADD ONE (CBL12).