

HIGH SECURITY FOOD PASS



A HIGH SECURITY FOOD PASS AND ANTI-SPLASH BOX SYSTEM

- The High Security Food Pass and Anti-Splash Box System was designed by *On the Gate* for use in access-sensitive areas on swinging and sliding doors.
- By replacing a standard cell door food slot with the High Security Food Pass and Anti-Splash Box System, assaults to personnel are virtually eliminated. The system also helps to prevent the spread of contagious diseases by reducing contact between inmates and facility personnel.
- There is no need to replace existing doors; the system was developed for use in retrofit applications and can be mounted to existing doors.

STANDARD FEATURES

- Constructed of tough and corrosion resistant 304 Stainless Steel.
- Incorporates a fully removable Clear Lexan Polycarbonate Anti-Splash Box. The Anti-Splash Box is fully interchangeable and transferable from one door to another with the High Security Food Pass Frame/Door Assembly installed.
- Features the only automatic self-opening food pass door. Key operation unlocks the food pass and allows the door to automatically rise halfway. The door can then be manually raised to the fully open position, or any other desired position. The door can be manually closed to any position or closed halfway with a turn of the key. In any position, a ratcheting system does not allow door to be forced open.
- A positive “Anti-Splash Box to Frame Mating System” creates a snug seal to minimize any gaps between the frame and box.
This prevents the splashing of liquids.
- Airteq 5017 paracentric locks are included with the system. 5017M or 5017B locks are optional.



3224 Mobile Highway, Montgomery, AL 36108
Phone: 800-466-3007 Fax: (334) 286-6421

Revised 03/08/2022



SECTION 11 19 20 – DETENTION HARDWARE

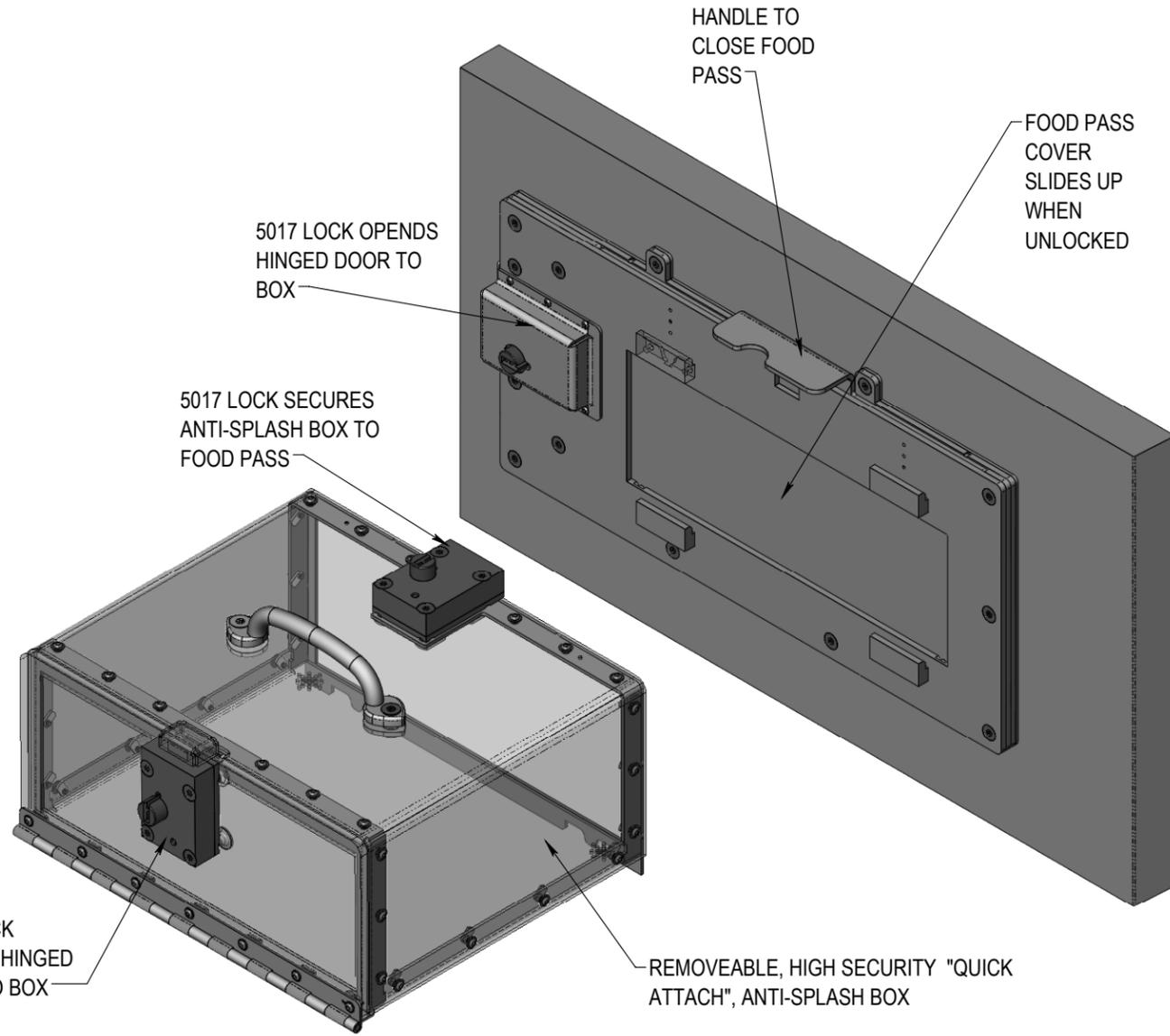
2.11 ACCESSORIES

- A. Pass-Through Openings: Fabricate flush openings using 0.093-inch-thick interior channels of same material as detention door faces, inverted to be flush with openings, welded to inside of both face sheets and with corners fully welded. Mount shutters on non-inmate side of detention doors. Reinforce for locks and food-pass hinges.
 - 1. Overlapping Shutters: For surface application on non-inmate side of door. Fabricate from a single steel plate, of same material as detention door face sheets, 0.187 inch thick, sized to overlap scheduled openings 1/2 inch

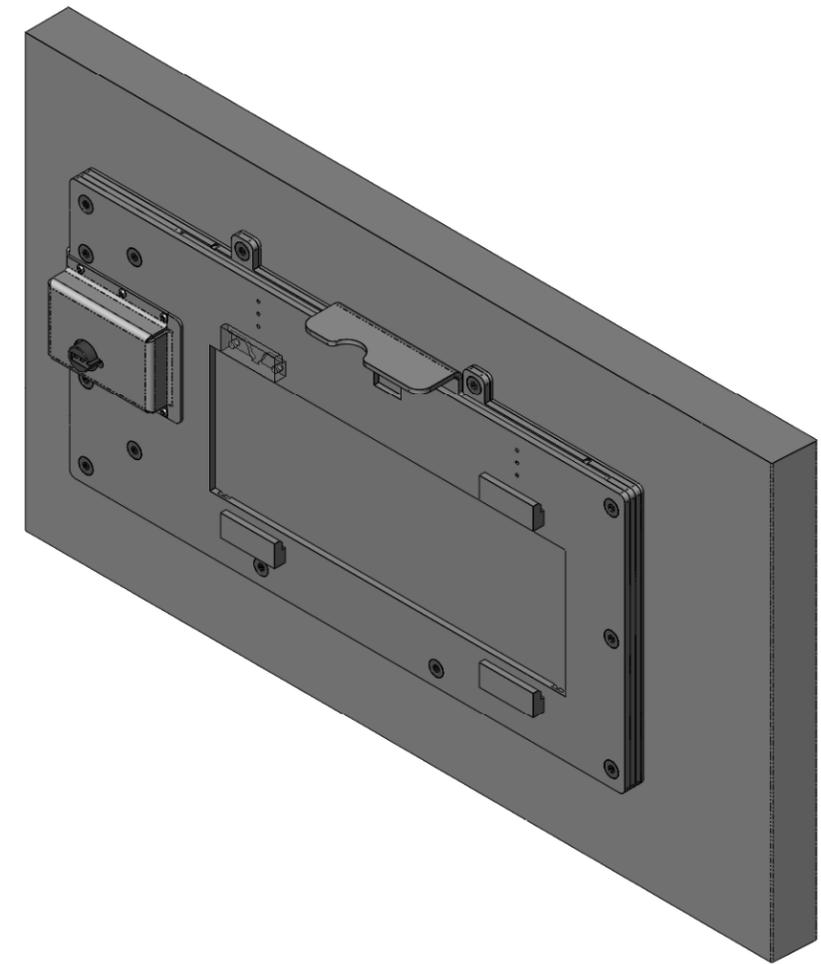
- B. Cuff Ports: Constructed of tough and corrosion resistant 304 stainless steel port mounted to cell door with automatic self-opening food pass door, piano hinge and security lock.
 - 1. Basis of Design: On the Gate. Manufactured by Airteq Systems, 2511 Midpark Road, Montgomery, AL 36109 or architect approved equal.
 - 2. Mounting Configuration: Center Mount Box/Tray fully interchangeable and transferable from one door to another.
 - 3. Security Lock Type: No.5017 Latch- Paracentric Key.
 - a. 5017 lock in center of frame securing Anti-Splash box assembly.
 - b. 5017 lock automatically raises food pass door.
 - c. 5017 lock opens/secures hinged door to Anti-Splash box assembly.
 - 4. Anti-Splash Box Material: 12 Gage 304 stainless steel with welded strap on assembly preventing tampering with the latch locks.
 - 5. Sliding Door Material: 304 stainless steel.
 - 6. Frame Material: 304 stainless steel.
 - 7. Cover Material: 1/2 inch thick clear Lexan.
 - 8. Hinge: 3/16 inch stainless steel piano hinge.
 - 9. Warranty Period: Two years.”

REVISIONS

ECN #	ZONE	REV.	DESCRIPTION	DATE	APPROVED



DOOR WITH BOX REMOVED

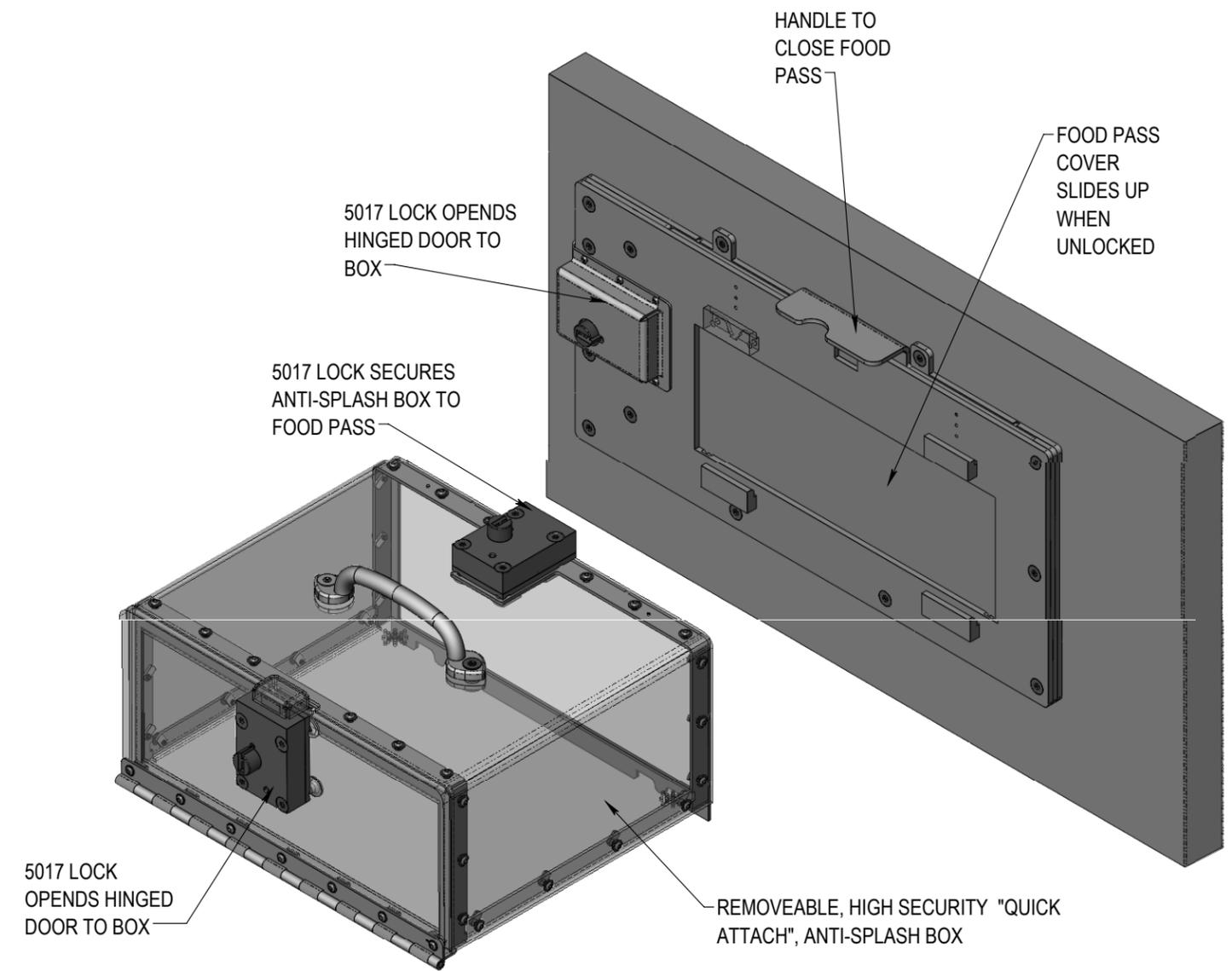


DOOR WITH BOX ATTACHED

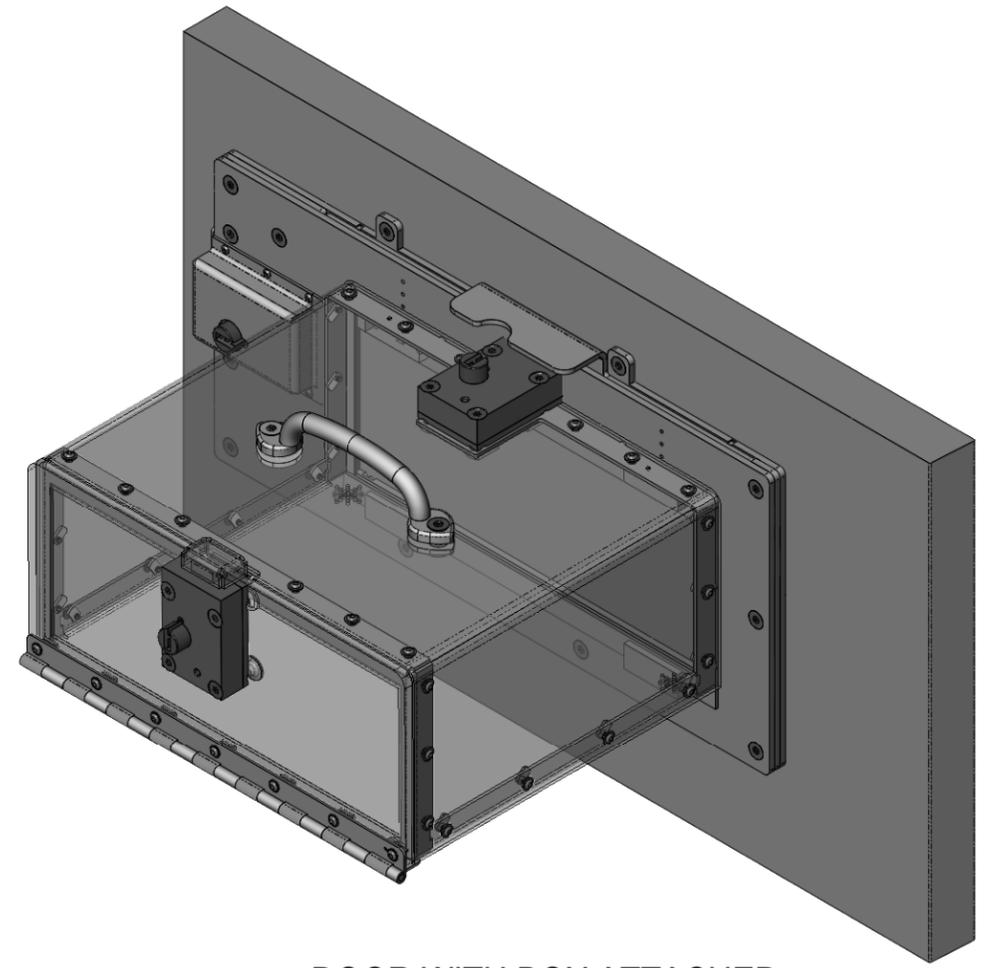
AIRTEQ			
TITLE:		DATE	NAME
HIGH SECURITY FOOD PASS (REPLACEMENT)		DRAWN	5/28/20 MER
		CHECKED	
SCALE:	1:8		
SHEET	1 OF 2		
SIZE	DWG. NO.	REV	
B	530-5017-100-R		

REVISIONS

ECN #	ZONE	REV.	DESCRIPTION	DATE	APPROVED



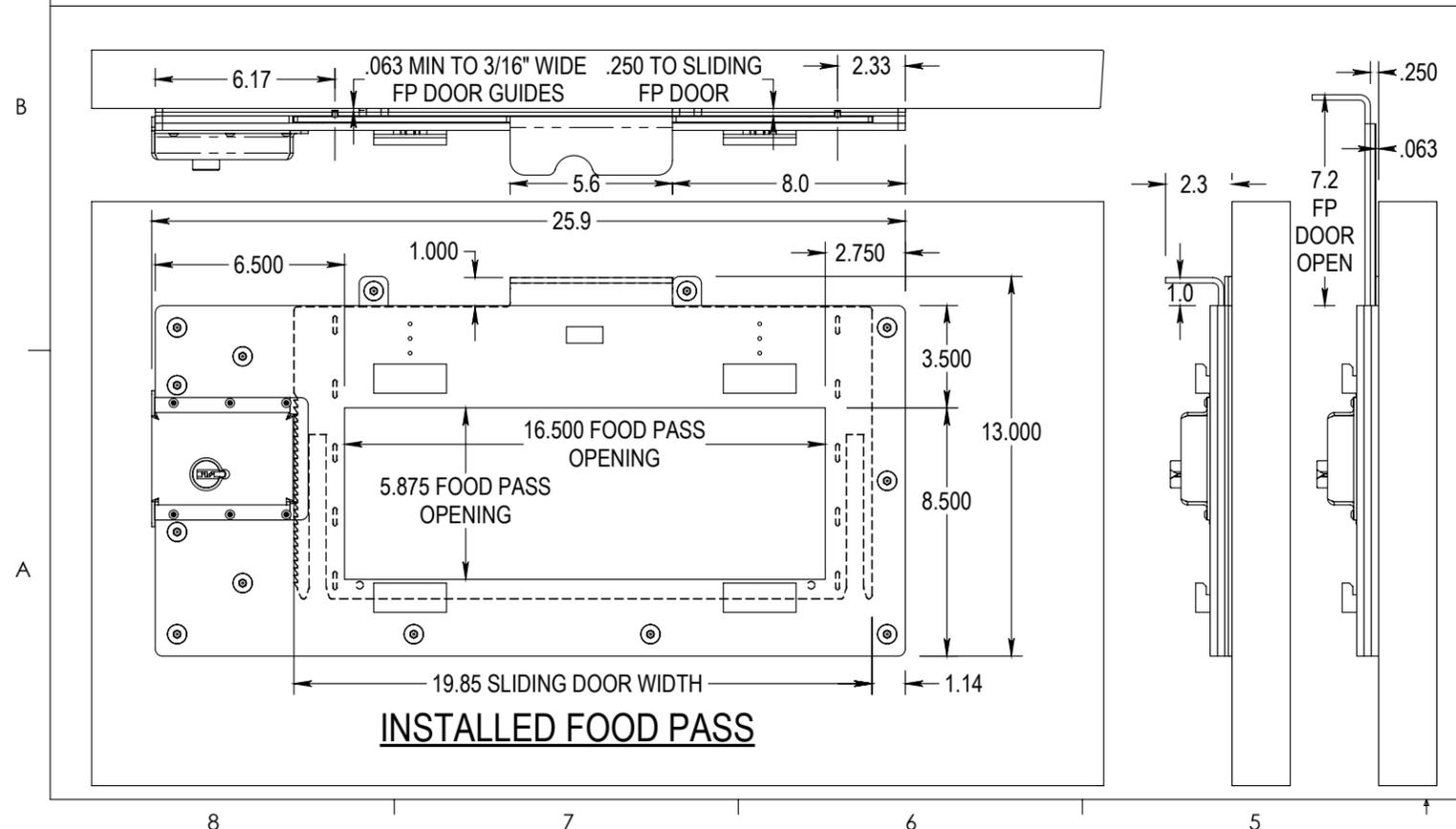
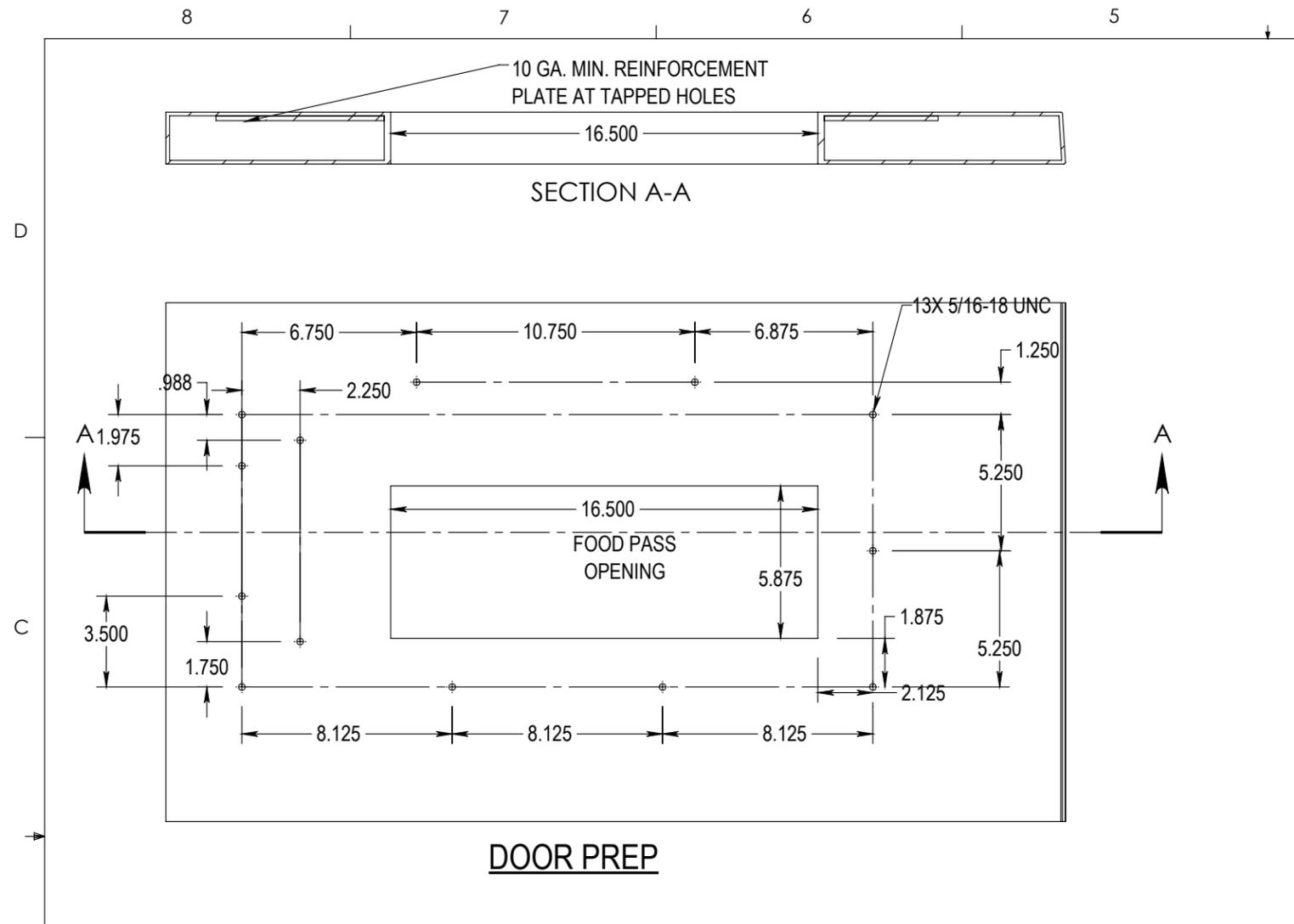
DOOR WITH BOX REMOVED



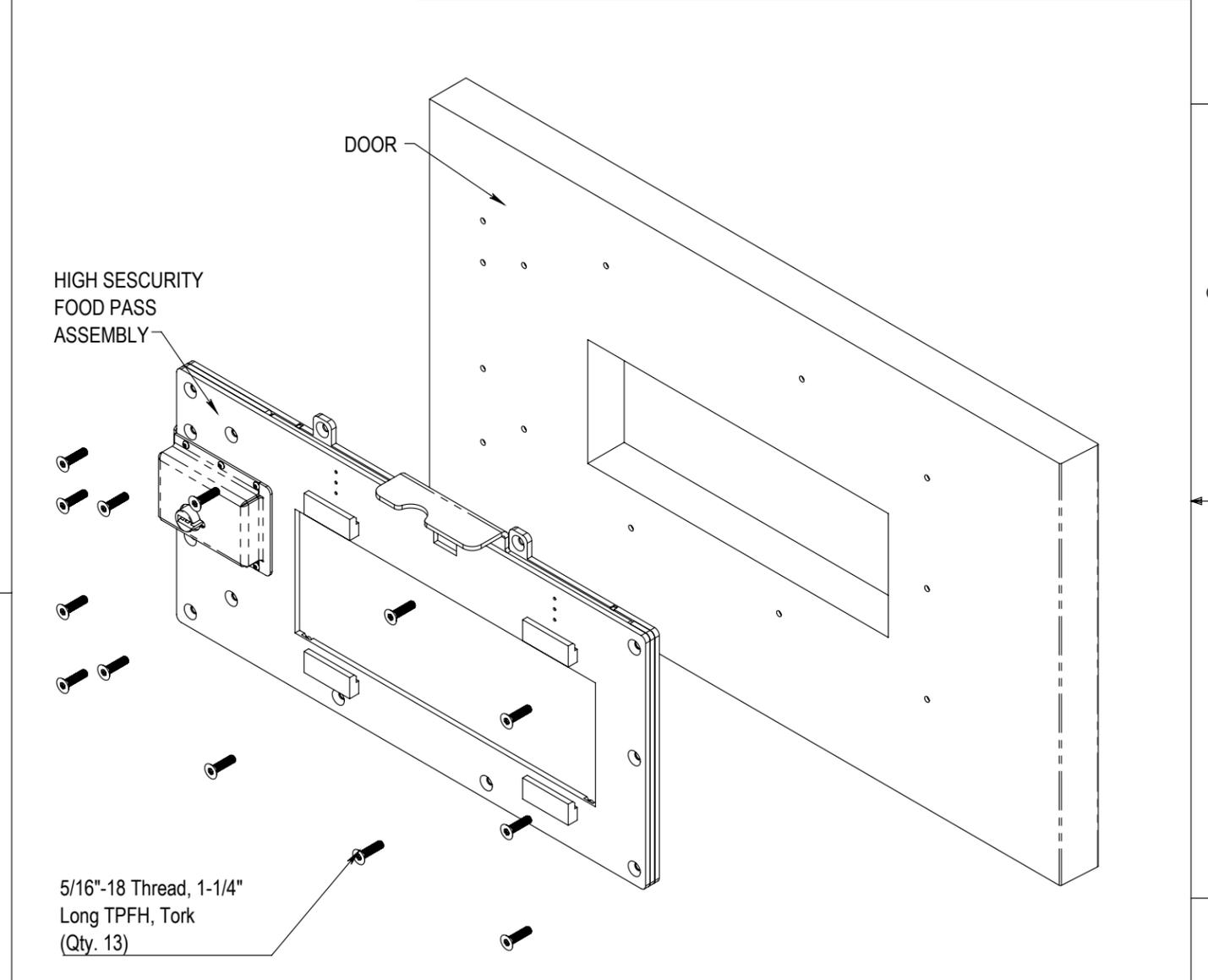
DOOR WITH BOX ATTACHED

AIR/TEQ

TITLE:		DATE		NAME	
HIGH SECURITY FOOD PASS (NEW CONSTRUCTION)		DRAWN	5/28/20	MER	
		CHECKED			
SCALE:		1:8			
SHEET		1 OF 2			
SIZE	DWG. NO.	REV			
B	530-5017-100				



REVISIONS					
ECN #	ZONE	REV.	DESCRIPTION	DATE	APPROVED



NOTE:

- DRAWING SHOWS ONLY ONE METHOD OF INSTALLATION. INSTALLATION MAY VARY PER DOOR AND FRAME MANUFACTURER.
- ALL DIMENSIONS ARE NOMINAL. DOOR AND FRAME MANUFACTURERS ARE RESPONSIBLE FOR PROVIDING ADEQUATE CONSTRUCTION AND REINFORCEMENT FOR INSTALLATION OF HARDWARE SHOWN.
- ALL DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. USE ONLY CURRENT APPROVED TEMPALTING. ALL DIMENSIONS ARE IN INCHES.

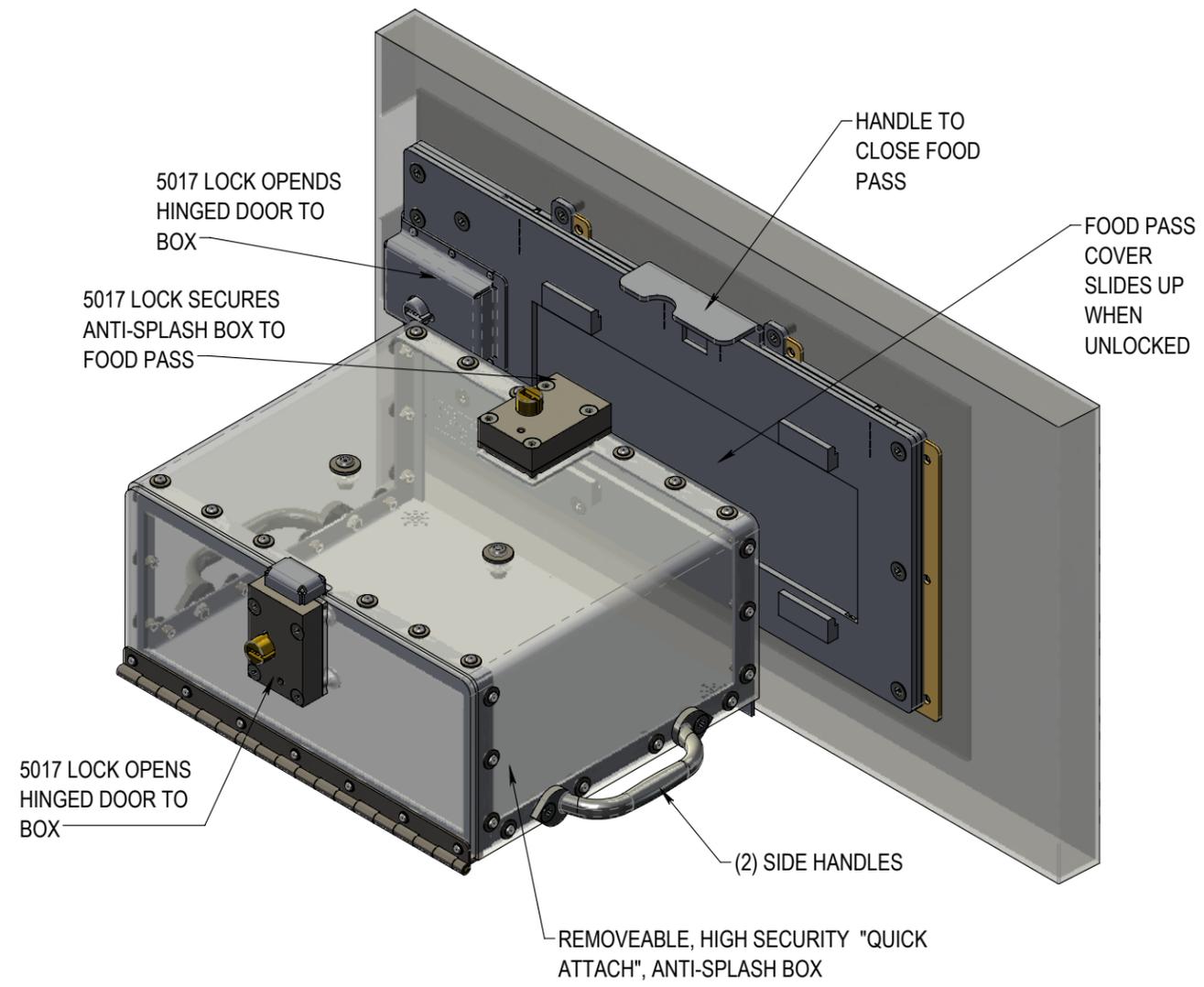
AIR/TEQ

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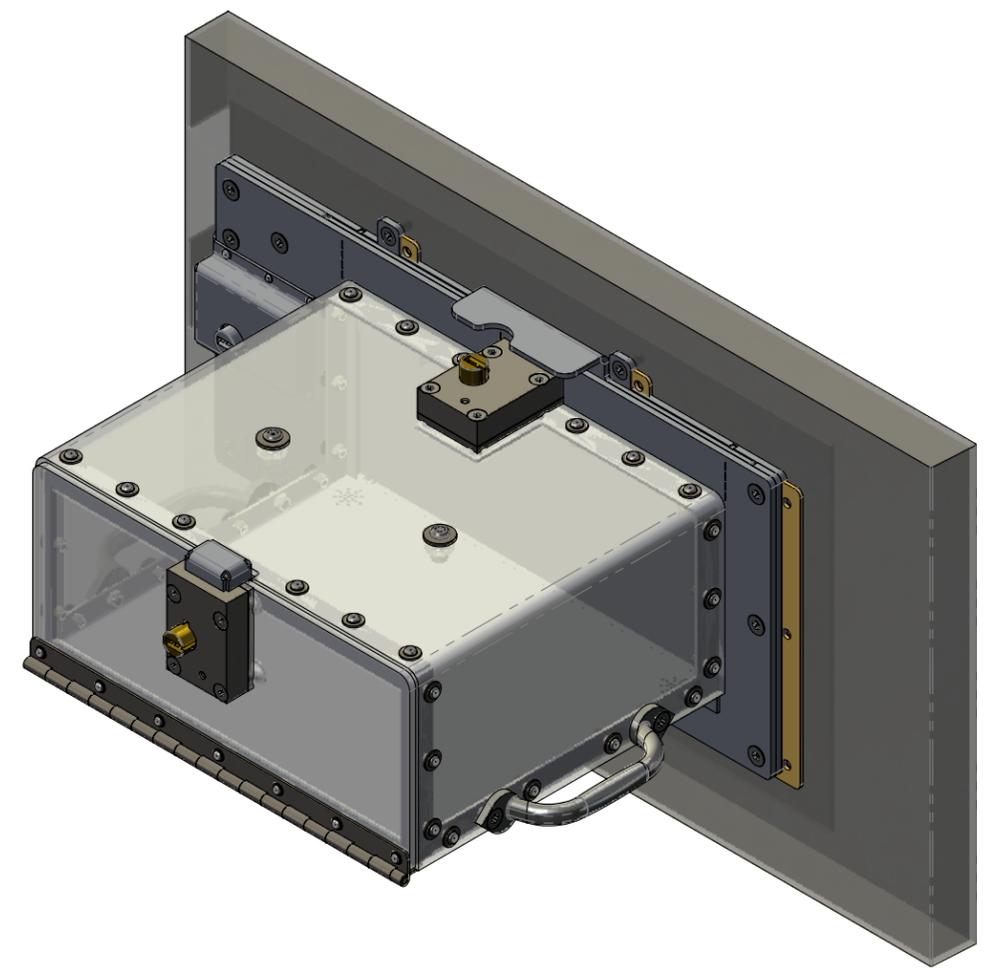
DRAWN	5/28/20	DATE	MER	NAME
CHECKED				
SCALE:	1:12			
SHEET	2 OF 2			
SIZE	DWG. NO. 530-5017-100			REV

REVISIONS

ECN #	ZONE	REV.	DESCRIPTION	DATE	APPROVED
		01	ADD NOTE" SHIM AS NEEDED TO ENSURE FOOD PASS IS VERTICAL"	08/05/20	MER



DOOR WITH BOX REMOVED



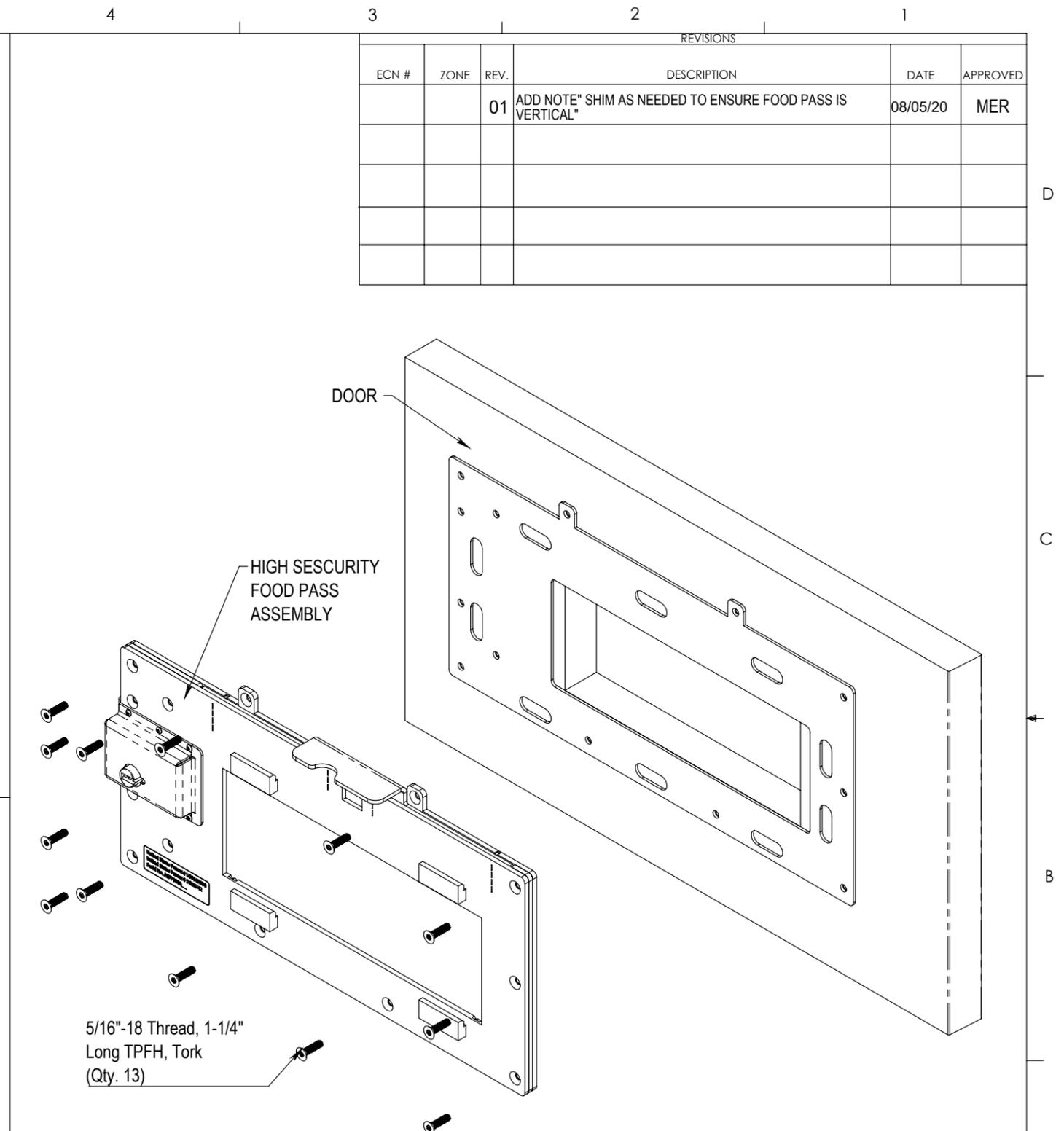
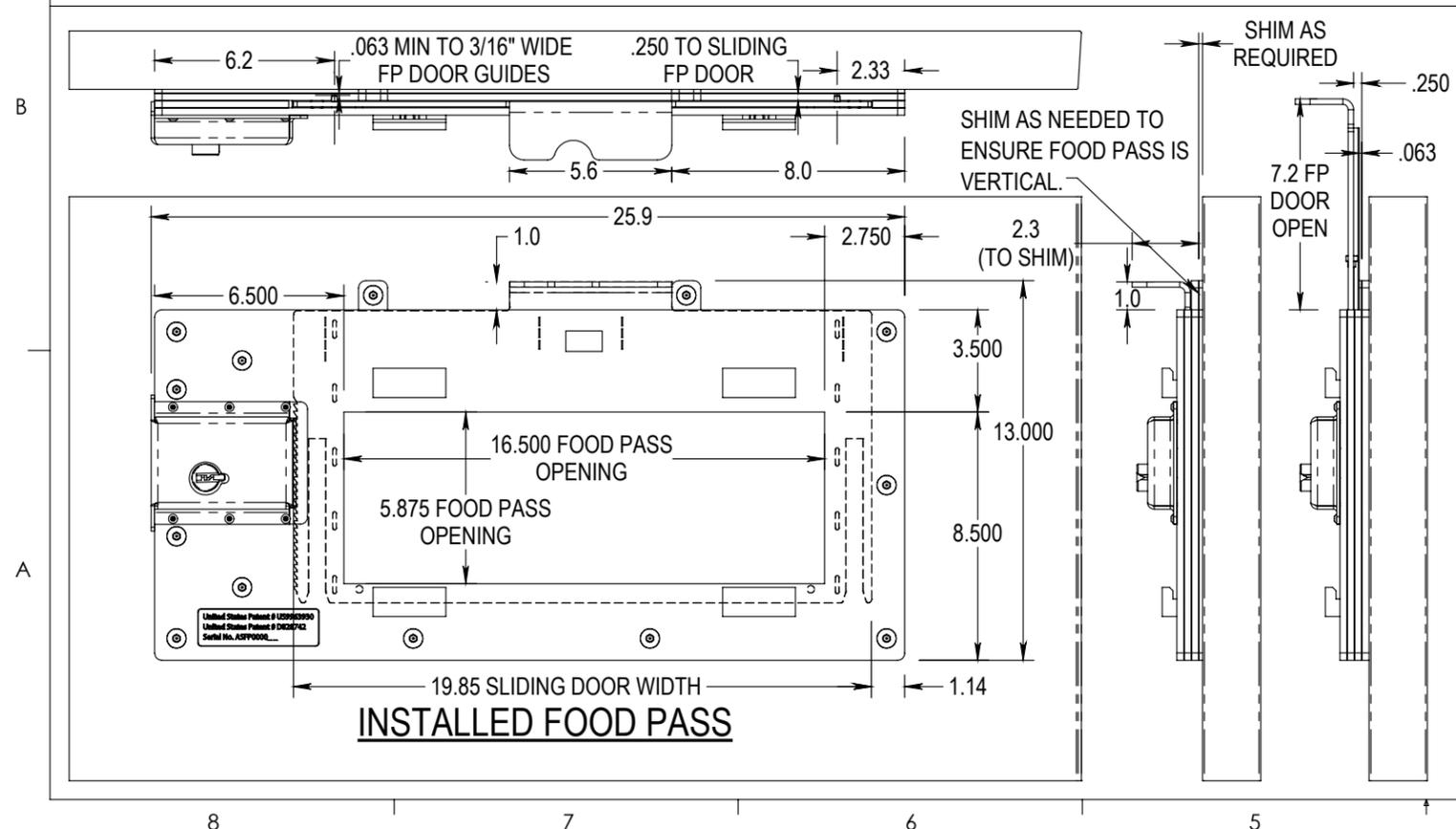
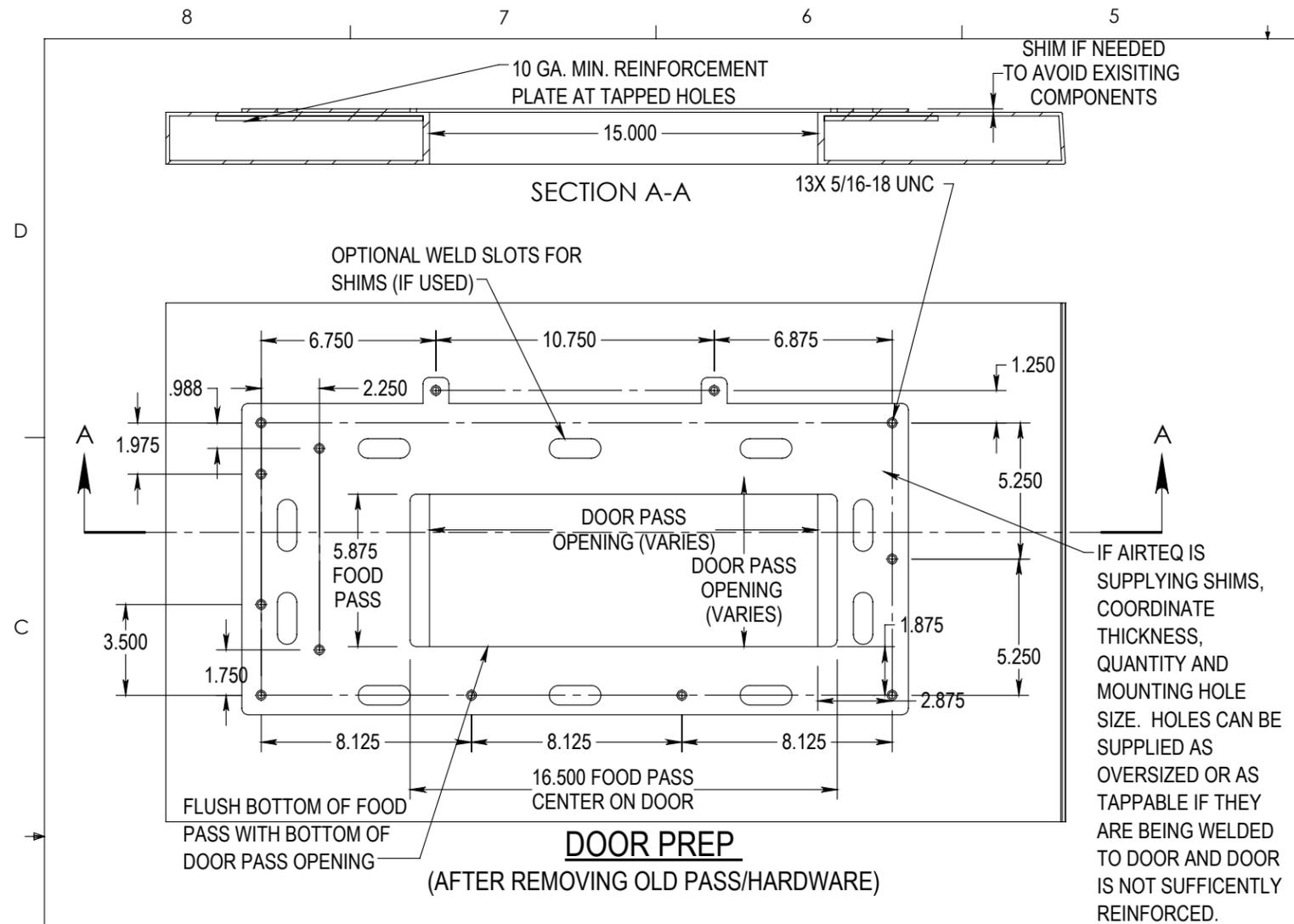
DOOR WITH BOX ATTACHED

AIR/TEQ

TITLE:		DATE		NAME	
HIGH SECURITY FOOD PASS (REPLACEMENT)		DRAWN	5/28/20	MER	
		CHECKED			
SCALE:		1:8			
SHEET		1 OF 2			
SIZE	DWG. NO.	REV			
B	530-5017-100-R	01			

REVISIONS

ECN #	ZONE	REV.	DESCRIPTION	DATE	APPROVED
		01	ADD NOTE " SHIM AS NEEDED TO ENSURE FOOD PASS IS VERTICAL"	08/05/20	MER



NOTE:
 1. DRAWING SHOWS ONLY ONE METHOD OF INSTALLATION. INSTALLATION MAY VARY PER DOOR AND FRAME MANUFACTURER.
 2. ALL DIMENSIONS ARE NOMINAL. DOOR AND FRAME MANUFACTURERS ARE RESPONSIBLE FOR PROVIDING ADEQUATE CONSTRUCTION AND REINFORCEMENT FOR INSTALLATION OF HARDWARE SHOWN.
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AIRTEQ

TITLE: HIGH SECURITY FOOD PASS (REPLACEMENT)

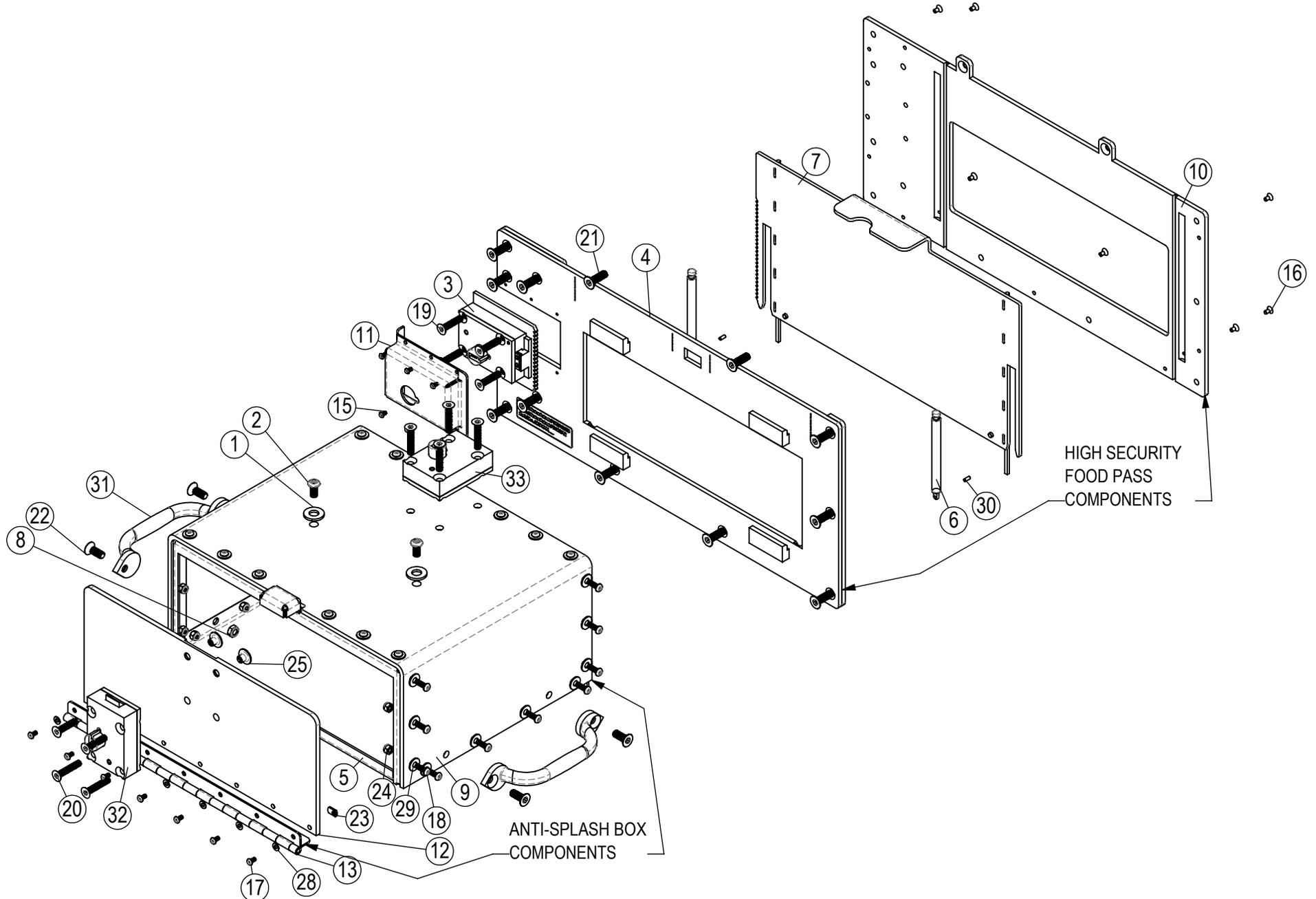
DRAWN	5/28/20	DATE	MER	NAME
CHECKED				
SCALE:		1:12		
SHEET		2 OF 2		
SIZE	DWG. NO.	REV		
B	530-5017-100-R			01



HIGH SECURITY FOOD PASS WITH ANTI-SPLASH BOX

AIRTEQ SYSTEMS
www.airteqsystems.com
800-466-3007

12/16/20





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HIGH SECURITY FOOD PASS WITH ANTI-SPLASH BOX

12/16/20

ITEM NO.	PART NUMBER	QTY.	DESCRIPTION
1	10000710	2	WASHER, FLAT, 1/2 SAE, ZP
2	10003407S	2	SCREW BHMS 3/8-16x3/4 T45 PIN TORX, Stainless Steel
3	11C-5017-007-FP	1	5017 LOCK FOR HIGH SEC FOOD PASS (HAS 149-5017-109 BOLT WELDMENT)
4	149-5017-050	1	FRONT PLATE WELDMENT
5	149-5017-060	1	SPLASH BOX INNER FRAME ASSEMBLY
6	149-5017-101	2	CYLINDER ASSEMBLY
7	149-5017-2000	1	Door Assembly
8	216-7300-106	6	Thin Hex Nylock nut, 3/8"-16
9	220-5017-027	1	CLEAR POLYCARBONATE COVER
10	220-5017-052	1	BACK PLATE
11	220-5017-054-RH	1	FRONT PLATE LOCK COVER, RH LOCK
12	220-5017-104	1	LEXAN DOOR
13	220-5017-303	1	HINGE
14	310-0330-021	2	1/4-20, Weld Nut, W/Offset Pilot Hole, STAINLESS
15	311-0832-012	6	SCREW BH pinTORX 8-32X5/16 Stnls ST
16	311-1032-003	8	SCREW, TP, FH, TORX, 10-32x3/8, STNLS
17	311-1032-015	7	Screw, 10-32x3/8 BHMS TORX-Security Stainless Steel
18	311-2520-002	32	Screw TP BH Torx 1/4-20 X 3/4 Stainless Steel
19	311-3118-014	6	SCREW TP FH TORX 5/16-18X1 1/2 SS
20	311-3118-017	6	SCREW TP FH TORX 5/16-18X1 3/4 SS
21	311-3118-019	13	Screw FH pin TORX 3/8-16x 1.25" Zinc Plated
22	311-3816-025	4	Screw FH pin TORX 3/8-16x 1.25" STAINLESS STEEL
23	312-1032-006	7	OFFSET NARROW Base SS WELD NUT 10-32
24	312-2520-005	30	NUT, 1/4-20, NYLOCK
25	312-3118-005	4	ROUND BASE SS WELD NUT 5/16-18
26	312-3118-005	4	18-8 Stainless Steel Offset-Barrel Narrow-Base Weld Nut5/16"-18 Thread Size
27	312-3816-007	2	SS ROUND BASE WELD NUT 3/8-16
28	313-1000-002	7	WASHER FLAT .203IDx.438ODx.03 SS
29	313-2500-003	32	Stainless Steel Washer for 1/4" screws
30	316-0000-102	2	5/32 x 3/8" Stainless Dowel Pin
31	350-0000-060	2	Pull Handle 612, US32D
32	5017 LH Reverse Bevel	1	Left Hand 5017
33	5017 LH Square Bolt	1	Left Hand 5017



HIGH SECURITY FOOD PASS WITH ANTI-SPLASH BOX

12/16/20

Care and Maintenance:

The Patented High Security Food Pass with the Anti-Splash Box is constructed primarily of Stainless Steel and Polycarbonate (found on the Anti-Splash Box). It has been engineered and built with only the highest quality materials that should last for many years with only minimal general maintenance.

THE KEY TO KEEPING STAINLESS STEEL "STAINLESS" AND POLYCARBONATE IN GOOD SHAPE REQUIRES PROPER MAINTENANCE AND CARE AS NOTED BELOW:

STAINLESS STEEL

Stainless-Steel can be damaged by abrasive pads, or the wrong kinds of cleaners. Despite its name and reputation, Stainless-Steel can both stain and rust.

If you find that the Stainless-Steel portion of the Anti-Splash Food Pass has become soiled, it can be cleaned as follows:

1. Use a mild soap or mild dish-washing liquid: Mix the soap with water. Wipe the Stainless-Steel with the soapy solution and then rinse thoroughly, ensuring all soap residue is removed.
2. A commercial cleaner designed specifically for Stainless-Steel can be used. Be sure to follow the product directions.
3. You can also use **WD-40**: Simply spray some WD-40 directly onto your Stainless-Steel Frame, or into a rag, and then wipe the **WD-40** away. WD-40 will also provide a layer of protection to the Stainless-Steel.

(NOTE: DO NOT USE WD-40 ON THE POLYCARBONATE FOUND ON THE ANTI-SPLASH BOX!)

Care and Cleaning Procedures for cleaning the Polycarbonate Anti-Splash Box

(Note: Use only products specifically recommended for cleaning polycarbonate such as Novus #1, or Brilliance, and a soft cloth. Never use a dry cloth or your hand to clean the Polycarbonate! This action will rub dirt and dust INTO the Polycarbonate)

Polycarbonate should only be cleaned with a mild detergent, water and a soft cloth.

1. First rinse the Polycarbonate Anti-Splash Box with lukewarm water.
2. Then wash the Box with a mild soap and lukewarm water using a soft cloth or sponge to gently wash the Polycarbonate with an up and down motion preferably in one direction.
3. Repeat this process until the Polycarbonate is clean, then rinse and dry with a soft cloth to prevent water spotting.

What to use and not use in the Care and Cleaning of the Polycarbonate Anti-Splash Box

The following cleaning agents have been found to be compatible with the Polycarbonate used on the Anti-Splash Food Pass Box:

1. Joy Liquid Dish Detergent
2. Freon T.F.
3. Palmolive Liquid Dish Detergent
4. Top Job
5. VM&P Grade Naptha
6. Novus #1
7. Brilliance

The following cleaning agents should **NEVER be used to clean the Polycarbonate used on the Anti-Splash Food Pass Box:**

1. Lysol
2. Pinosol
3. Butyl Cellosolve
4. Isopropanol
5. Formula 409
6. Ammonia
7. Windex with Ammonia

If you have any questions or concerns regarding the care and maintenance of the High Security Food Pass System, please contact Airteq.



HIGH SECURITY FOOD PASS WITH ANTI-SPLASH BOX

12/16/20

Hydraulic Springs Care, Testing and Maintenance

The commercial grade Hydraulic Springs housed within the Anti-Splash System Frame are made with Carbon Steel and are of the highest quality. The 2 Hydraulic Springs housed within the Anti-Splash System controls the rising of the Stainless-Steel Door, and serves as a safety feature that prevents the closing of the Stainless-Steel Door fully without the assistance of the person operating the Door. The Hydraulic Springs must be checked from time to time (recommended every 60 days) to assure that the Hydraulic Springs are functioning properly.

How to check Hydraulic Springs operation:

1. While the Stainless-Steel Door of the Anti-Splash System Frame is closed, place the key in the lock controlling the Stainless-Steel Door.
2. Once the key is in the Door lock, turn the key which will release the Stainless-Steel Door from the Frame locking mechanism.
3. While the key is still being held in the unlock position inside the Door lock, the Stainless-Steel Door should now automatically rise to the 1/3 (approx.) open position. **If the Door fails to automatically rise to the 1/3 open position (approx.), notify AIRTEQ immediately and stop using this Anti-Splash System unit in question until AIRTEQ has been notified, and the condition has been rectified.**
4. Once the Stainless-Steel Door has automatically rise to the 1/3 (approx.) open position, then (with the Door lock key still turned to the open position) manually raise the Door to the full open position. Once the door is in the fully open position, now release the Door lock key. The Door should remain in the fully open position. **If the Door fails to remain in the fully open position, notify AIRTEQ immediately of this condition. Stop using this Anti-Splash System unit in question until AIRTEQ has been notified, and the condition has been rectified.**
5. Once the Stainless-Steel Door is in the fully open position: Without holding the Stainless-Steel Door, turn the key that controls the Door locking device to the open position and allow the Stainless-Steel Door to "FREE FALL". The Stainless-Steel Door should automatically stop 2 to 3 inches above the Door's fully closed position. This is a built-in safety feature that **MUST** function properly.
If the Stainless-Steel Door fails to stop at least 2 to 3 inches above the Door's fully closed position, IMMEDIATELY notify AIRTEQ of this condition, and STOP using the Anti-Splash System unit in question until AIRTEQ has been notified, and the condition has been fully rectified.

If you have any questions or concerns regarding the care and maintenance of the High Security Food Pass System, please contact Airteq.