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Wave Interlock Bottom Hinge Door Dimensions

Nominal Door Size	Door ID #	Frame Sleeve		Overall Sleeve		Outside Trim	
		A	B*	C	D*	E	F
15" x 18"	1518BH-I	15 1/4"	19 3/8"	17 3/4"	21 5/8"	21 1/2"	28 5/8"
18" x 18"	1818BH-I	18 1/8"	19 3/8"	20 3/4"	21 5/8"	24 1/2"	28 1/4"
21" x 18"	2118BH-I	21 1/8"	19 3/8"	23 3/4"	21 5/8"	27 1/2"	28 1/4"
24" x 24" **	2424BH-I	24 1/8"	25 3/8"	26 3/4"	21 5/8"	31"	34 5/16"

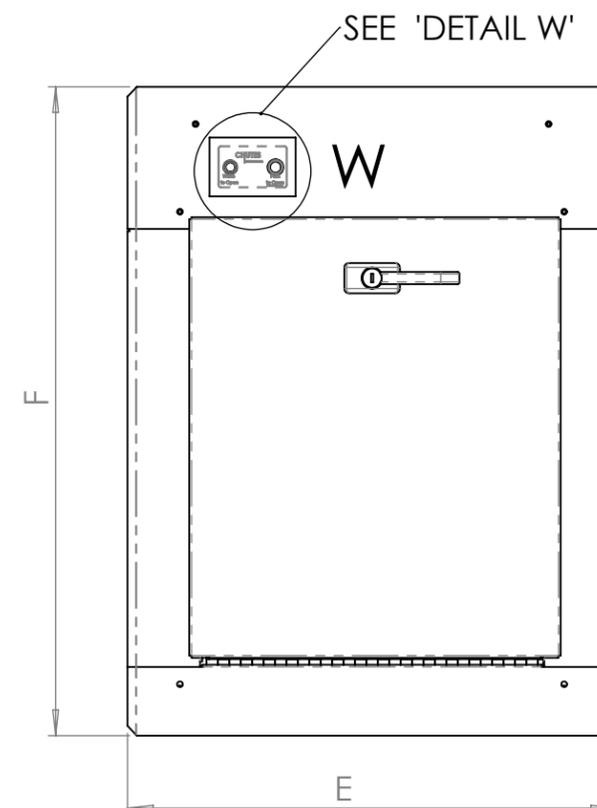
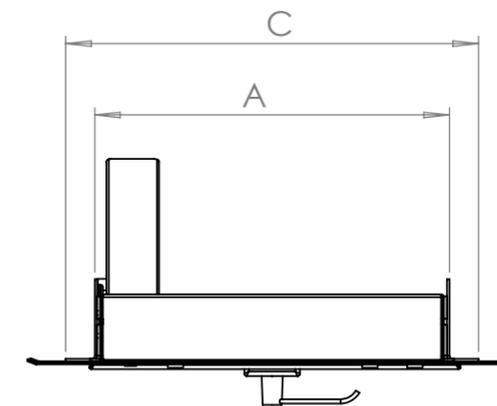
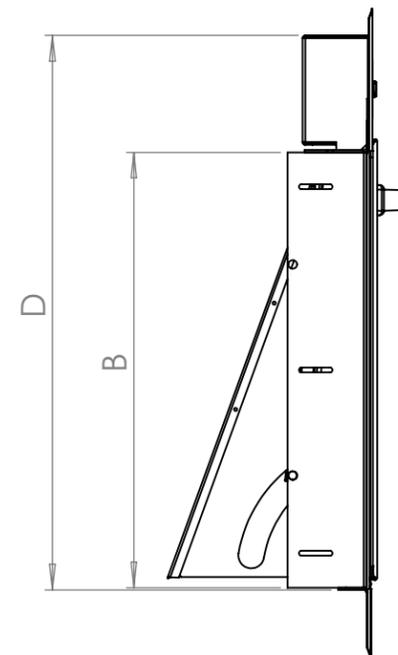
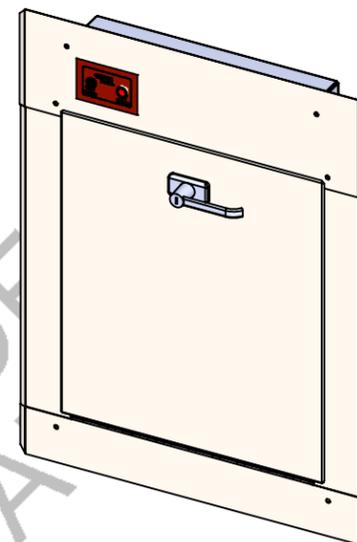
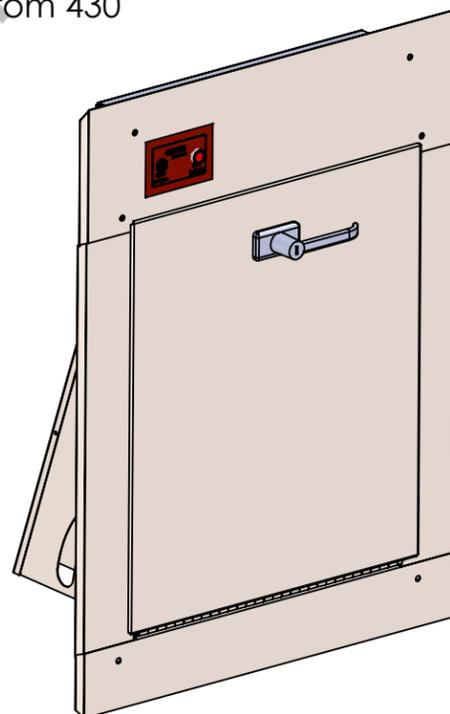
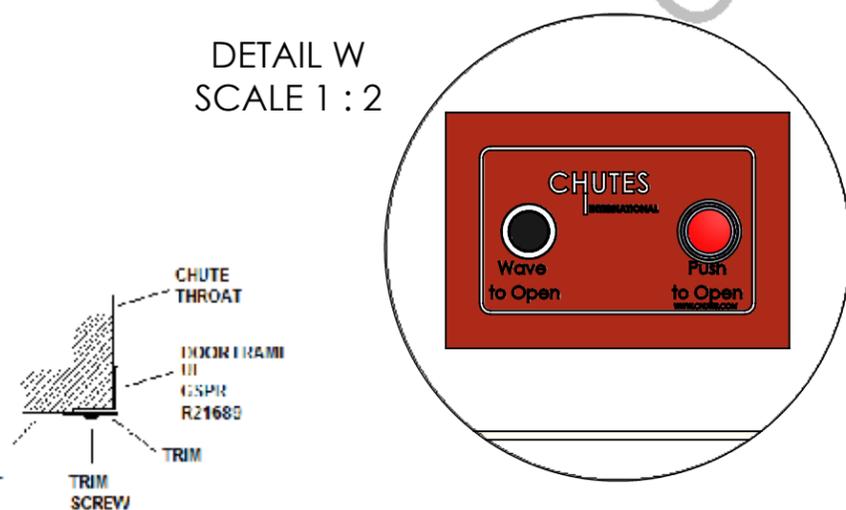
*Dimension B and D Includes Tolerance Hinge Screws and Hex Nuts (Not Shown in Drawing).

**24" x 24" Bottom-Hinge Doors have Two Cylinder Closers and does not meet 5lbs pull test.

Important Notes:

- The intake rough opening should be 1/4" larger than the frame sleeve dimensions (A and B).
- The through-wall rough opening should be 1/4" larger than the overall sleeve dimension C and 1/2" larger than the frame sleeve dimension A.
- All doors are noiseless, self-closing, self-latching, and supplied with an ADA compliant locking lever handle and two keys.
- With the exception of the frames, all standard doors are made from 430 ROF stainless steel material.
- All doors are UL Labeled:
 - Rated: 1 1/2 hour
 - Temperature rise less than 250°F in 30 minutes

DETAIL W
SCALE 1 : 2



UNLESS OTHERWISE SPECIFIED:	NAME	DATE	CHUTES <small>PATENTED CHUTES INTERNATIONAL™</small> 33 Industrial Park Dr. Waldorf, MD 20602 Phone: (240) 448-5000 Fax: (301) 753-4108 WWW.CHUTES.COM
DIMENSIONS ARE IN INCHES	DRAWN	KASSIE 07/18/22	
TOLERANCES:	CHECKED		
FRACTIONAL ± 1/8 ANGULAR: MACH ± 1° BEND ± 1° BEND-LINE PLACEMENT ± 0.010 THREE PLACE DECIMAL ± 0.125 WELD THICKNESS + 1/16	MFG APPR.		
SHEET MATERIAL:	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CHUTES INTERNATIONAL MANUFACTURING. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CHUTES INTERNATIONAL MANUFACTURING IS PROHIBITED.		DESCRIPTION:
Various Door Panel and Trims are 430 ROF Stainless Steel Frame is Mild Steel with a Enamel Painted Finish	Wave Interlock Bottom Hinge Doors		SIZE B PART ID: Bottom Hinge I-Lock Doors REV C
DO NOT SCALE DRAWING			SCALE: 1:10
			SHEET 1 OF 3

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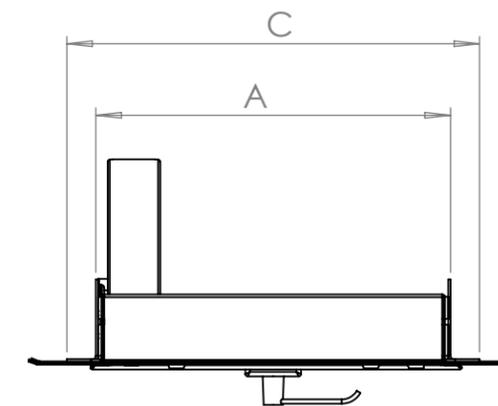
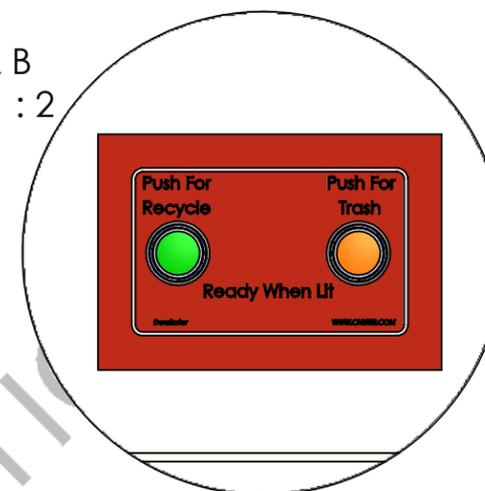
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Wave Interlock Bi-sorter Bottom Hinge Door Dimensions

Nominal Door Size	Door ID #	Frame Sleeve		Overall Sleeve		Outside Trim	
		A	B*	C	D*	E	F
15" x 18"	1518BH-BI	15 1/4"	19 3/8"	17 3/4"	21 5/8"	21 1/2"	28 5/8"
18" x 18"	1818BH-BI	18 1/8"	19 3/8"	20 3/4"	21 5/8"	24 1/2"	28 1/4"
21" x 18"	2118BH-BI	21 1/8"	19 3/8"	23 3/4"	21 5/8"	27 1/2"	28 1/4"
24" x 24" **	2424BH-BI	24 1/8"	25 3/8"	26 3/4"	21 5/8"	31"	34 5/16"

DETAIL B
SCALE 1 : 2



*Dimension B and D Includes Tolerance Hinge Screws and Hex Nuts (Not Shown in Drawing).

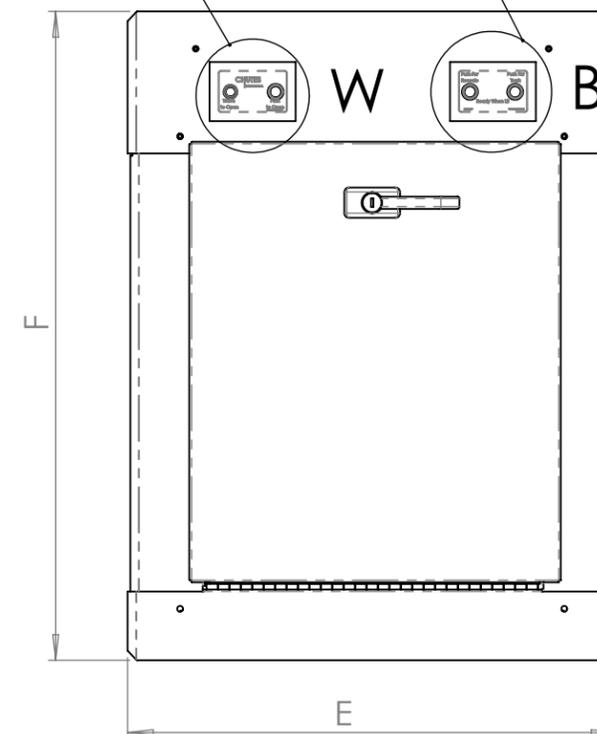
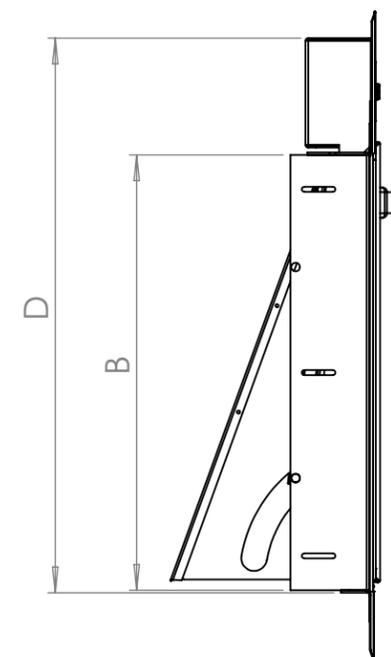
**24" x 24" Bottom-Hinge Doors have Two Cylinder Closers and does not meet 5lbs pull test.

Important Notes:

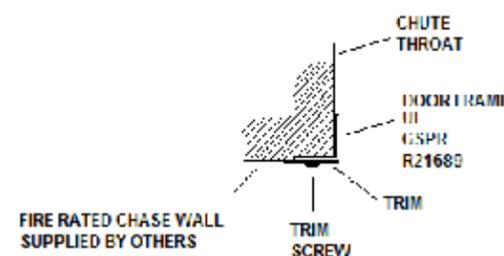
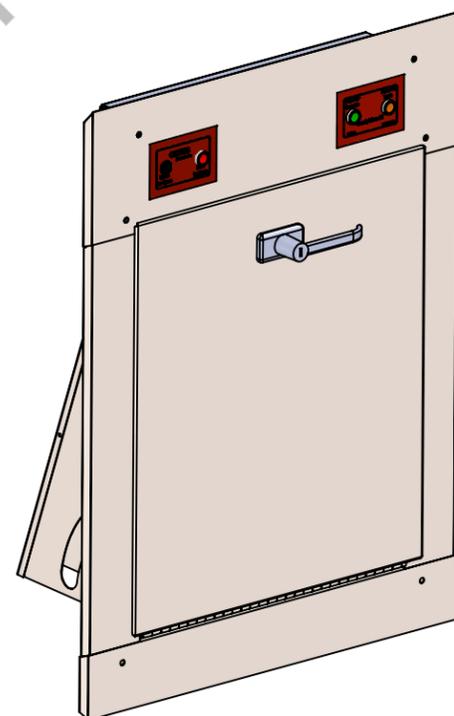
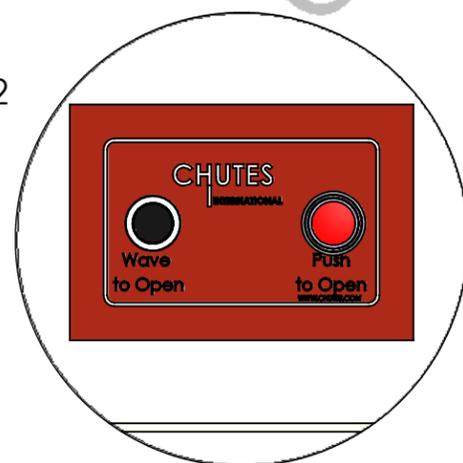
- The intake rough opening should be 1/4" larger than the frame sleeve dimensions (A and B).
- The through-wall rough opening should be 1/4" larger than the overall sleeve dimension C and 1/2" larger than the frame sleeve dimension A.
- All doors are noiseless, self-closing, self-latching, and supplied with an ADA compliant locking lever handle and two keys.
- With the exception of the frames, all standard doors are made from 430 ROF stainless steel material.
- All doors are UL Labeled:
 - Rated: 1 1/2 hour
 - Temperature rise less than 250°F in 30 minutes

SEE 'DETAIL W'

SEE 'DETAIL B'



DETAIL W
SCALE 1 : 2



UNLESS OTHERWISE SPECIFIED:	NAME	DATE	CHUTES <small>PATENTED CHUTES INTERNATIONAL™</small> 33 Industrial Park Dr. Waldorf, MD 20602 Phone: (240) 448-5000 Fax: (301) 753-4108 WWW.CHUTES.COM
DIMENSIONS ARE IN INCHES	DRAWN	KASSIE 07/18/22	
TOLERANCES:	CHECKED		
FRACTIONAL ± 1/8 ANGULAR: MACH ± 1° BEND ± 1° BEND-LINE PLACEMENT ± 0.010 THREE PLACE DECIMAL ± 0.125 WELD THICKNESS + 1/16	MFG APPR.		
SHEET MATERIAL:	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CHUTES INTERNATIONAL MANUFACTURING. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CHUTES INTERNATIONAL MANUFACTURING IS PROHIBITED.		DESCRIPTION: Wave Interlock Bi-sorter Bottom Hinge Doors
COMMENTS:	Door Panel and Trims are 430 ROF Stainless Steel Frame is Mild Steel with a Enamel Painted Finish		SIZE B PART ID: Bottom Hinge I-Lock Doors REV C
	DO NOT SCALE DRAWING		SCALE: 1:10 SHEET 2 OF 3

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Wave Interlock Tri-sorter Bottom Hinge Door Dimensions

Nominal Door Size	Door ID #	Frame Sleeve		Overall Sleeve		Outside Trim	
		A	B*	C	D*	E	F
15" x 18"	1518BH-TRI	15 1/4"	19 3/8"	17 3/4"	21 5/8"	21 1/2"	28 5/8"
18" x 18"	1818BH-TRI	18 1/8"	19 3/8"	20 3/4"	21 5/8"	24 1/2"	28 1/4"
21" x 18"	2118BH-TRI	21 1/8"	19 3/8"	23 3/4"	21 5/8"	27 1/2"	28 1/4"
24" x 24" **	2424BH-TRI	24 1/8"	25 3/8"	26 3/4"	21 5/8"	31"	34 5/16"

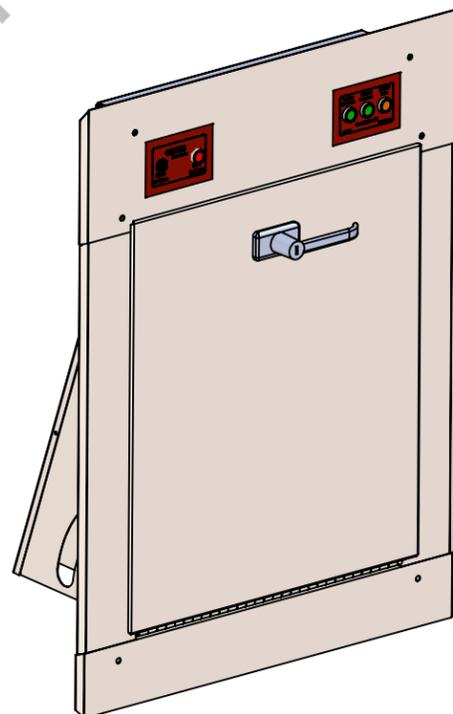
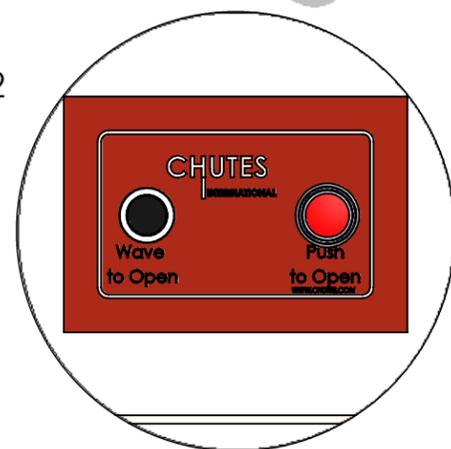
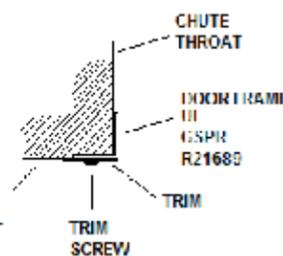
*Dimension B and D Includes Tolerance Hinge Screws and Hex Nuts (Not Shown in Drawing).

**24" x 24" Bottom-Hinge Doors have Two Cylinder Closers and does not meet 5lbs pull test.

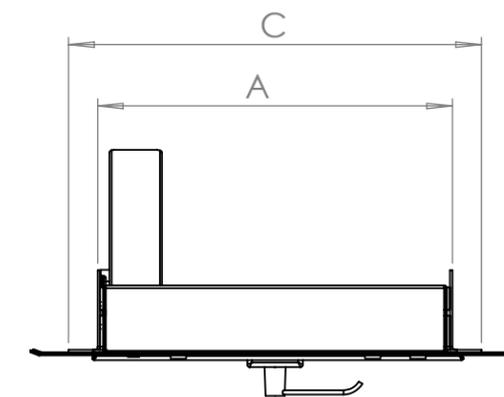
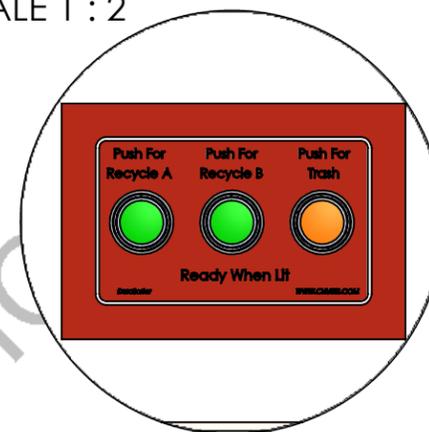
Important Notes:

- The intake rough opening should be 1/4" larger than the frame sleeve dimensions (A and B).
- The through-wall rough opening should be 1/4" larger than the overall sleeve dimension C and 1/2" larger than the frame sleeve dimension A.
- All doors are noiseless, self-closing, self-latching, and supplied with an ADA compliant locking lever handle and two keys.
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- All doors are UL Labeled:
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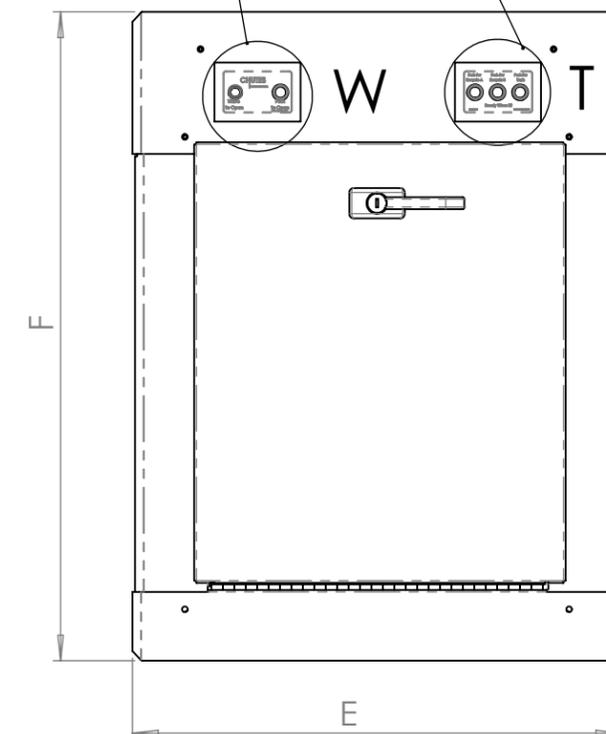
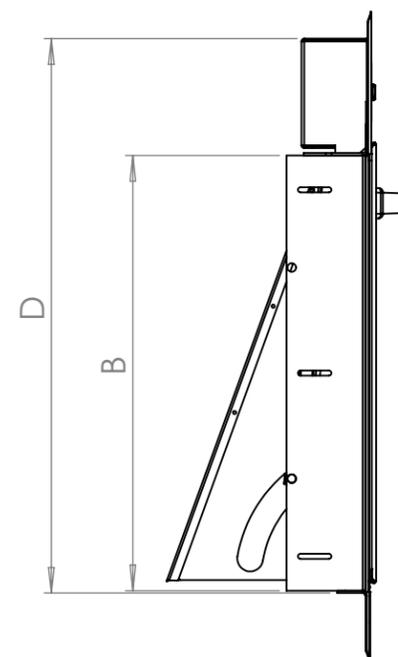
DETAIL W
SCALE 1 : 2



DETAIL T
SCALE 1 : 2



SEE 'DETAIL W' SEE 'DETAIL T'



UNLESS OTHERWISE SPECIFIED:	NAME	DATE
DIMENSIONS ARE IN INCHES	DRAWN	KASSIE 07/18/22
TOLERANCES:	CHECKED	
FRACTIONAL ± 1/8 ANGULAR: MACH ± 1° BEND ± 1° BEND-LINE PLACEMENT ± 0.010 THREE PLACE DECIMAL ± 0.125 WELD THICKNESS + 1/16	MFG APPR.	
SHEET MATERIAL:	PROPRIETARY AND CONFIDENTIAL	
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COMMENTS:	Door Panel and Trims are 430 ROF Stainless Steel	
	Frame is Mild Steel with a Enamel Painted Finish	

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Waldorf, MD 20602
Phone: (240) 448-5000
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WWW.CHUTES.COM

DESCRIPTION:

Wave Interlock Tri-sorter Bottom Hinge Doors

SIZE **B** PART ID: **Bottom Hinge I-Lock Doors** REV **C**

DO NOT SCALE DRAWING

SCALE: 1:10

SHEET 3 OF 3

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