

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE
SOLE PROPERTY OF RAPHAEL KAISER. ANY
REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE
WRITTEN PERMISSION OF RAPHAEL KAISER IS
PROHIBITED.

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±

DATE 5/31/2021

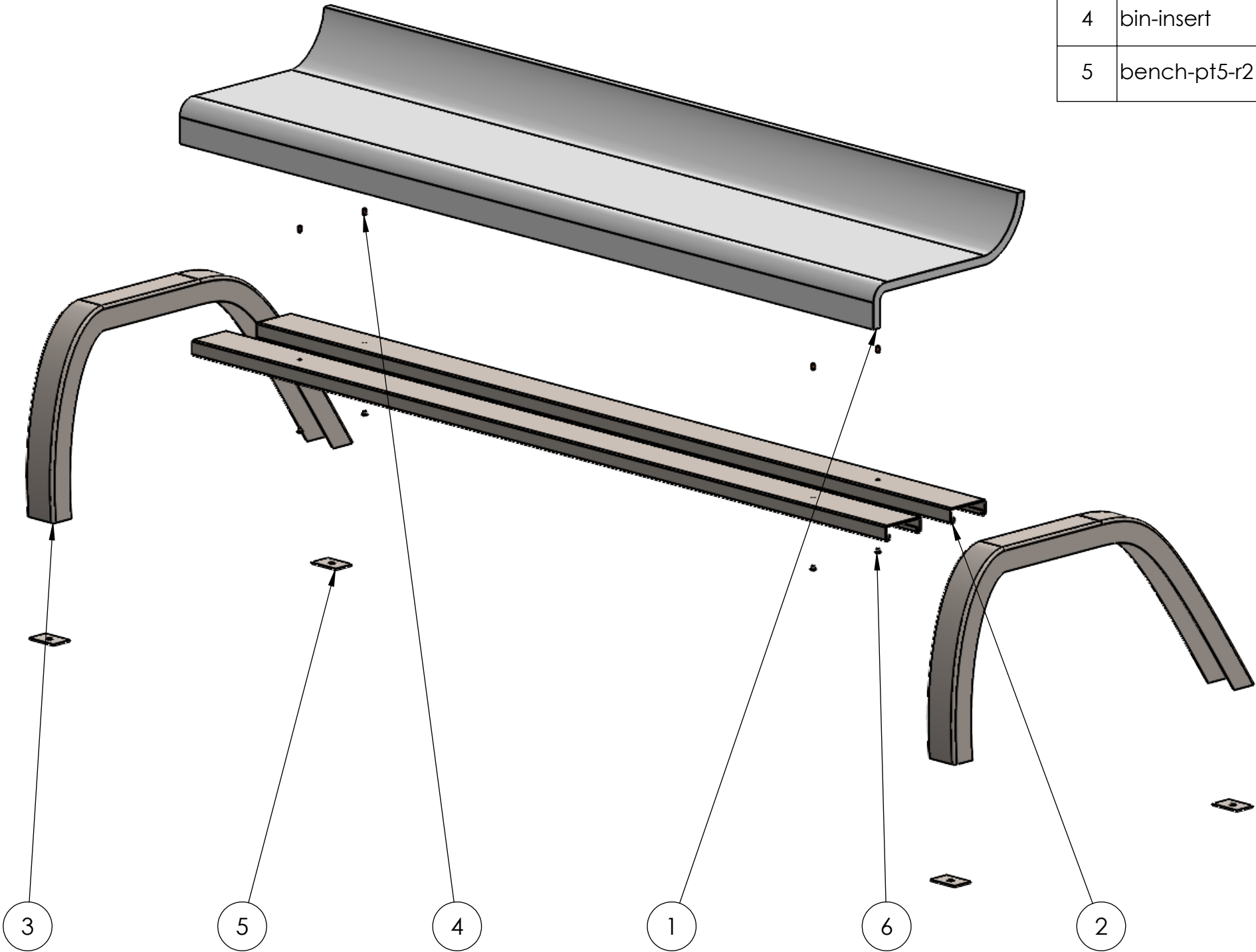
NAME
DRAWN RAPHAEL KAISER - 1632037
MATERIAL
FINISH

REV. DO NOT SCALE DRAWING

DWG. NO.
Bench orthoview
SCALE:1:10

SHEET 1 OF 13

ITEM NO.	PART NUMBER	DESCRIPTION	Material	Finish	QTY.
1	bench-pt2-r2	Seat	LDPE	Machine finish	1
2	bench-pt4-r2	Channeled support	AISI 316 Stainless Steel Sheet (SS)	mahcine finish	2
3	bench-ptx-r2	bench C-Channel side support	AISI 321 Annealed Stainless Steel (SS)	Brushed	2
4	bin-insert	Threaded insert for plastic	Copper	dimpled	4
5	bench-pt5-r2	Mounting Base Plate	AISI 316 Stainless Steel Sheet (SS)	brushed	4



PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE
SOLE PROPERTY OF RAPHAEL KAISER. ANY
REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE
WRITTEN PERMISSION OF RAPHAEL KAISER IS
PROHIBITED.

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±

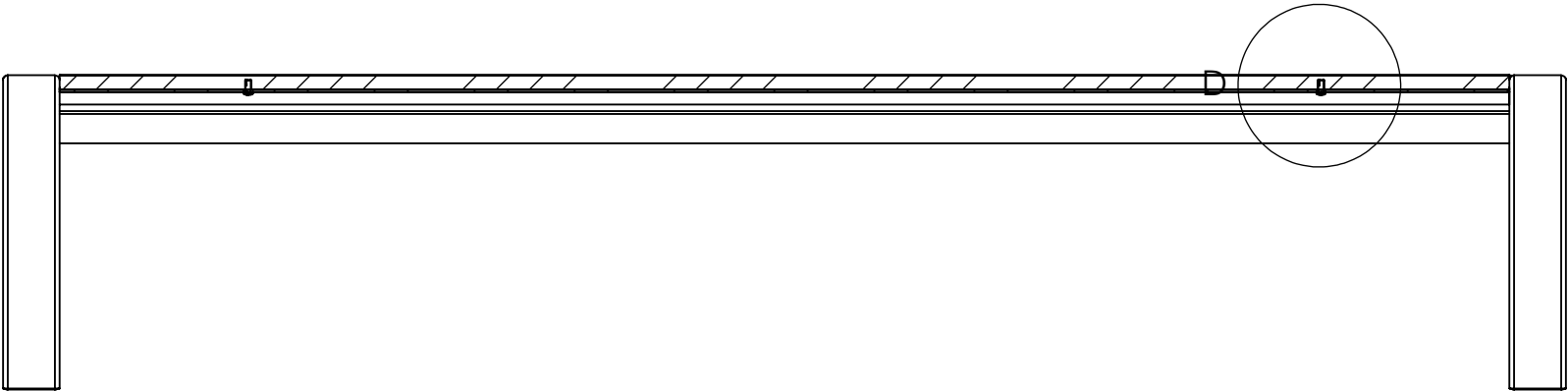
DATE 5/31/2021

NAME
DRAWN RAPHAEL KAISER - 1632037
MATERIAL
FINISH

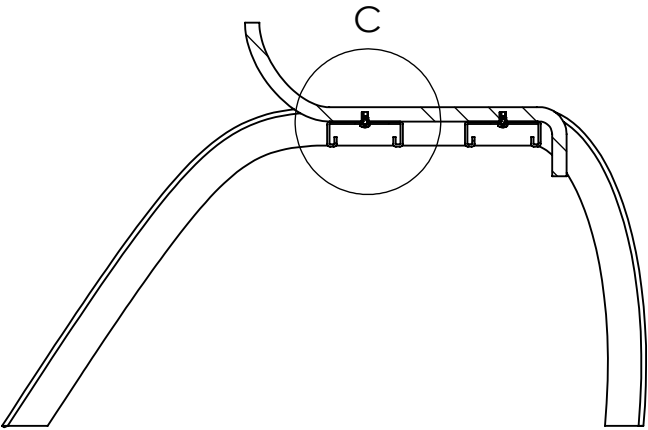
REV. DO NOT SCALE DRAWING

DWG. NO.
Bench exploded view
SCALE:1:10

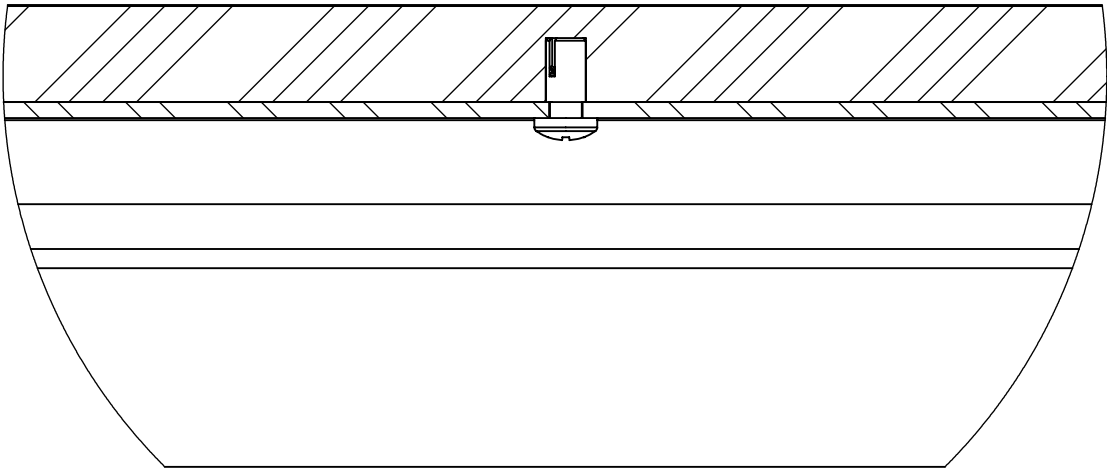
SHEET 2 OF 13



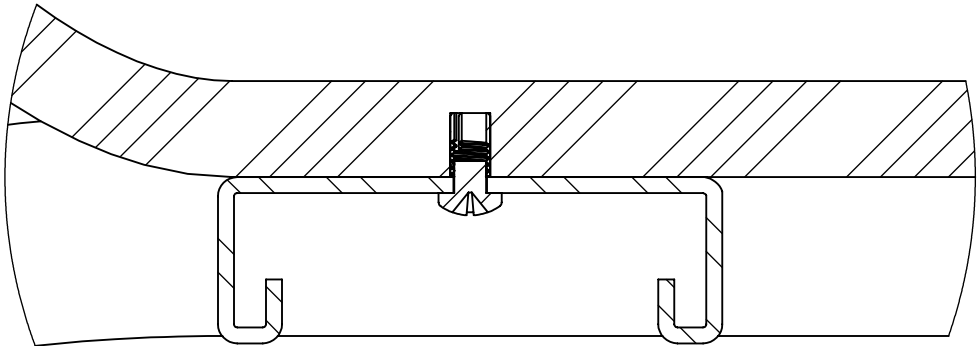
SECTION A-A



SECTION B-B



DETAIL D
SCALE 2 : 3



DETAIL C
SCALE 2 : 3

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE
SOLE PROPERTY OF RAPHAEL KAISER. ANY
REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE
WRITTEN PERMISSION OF RAPHAEL KAISER IS
PROHIBITED.

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±

NAME
DRAWN RAPHAEL KAISER - 1632037
MATERIAL
FINISH

DWG. NO.

Bench Technical view

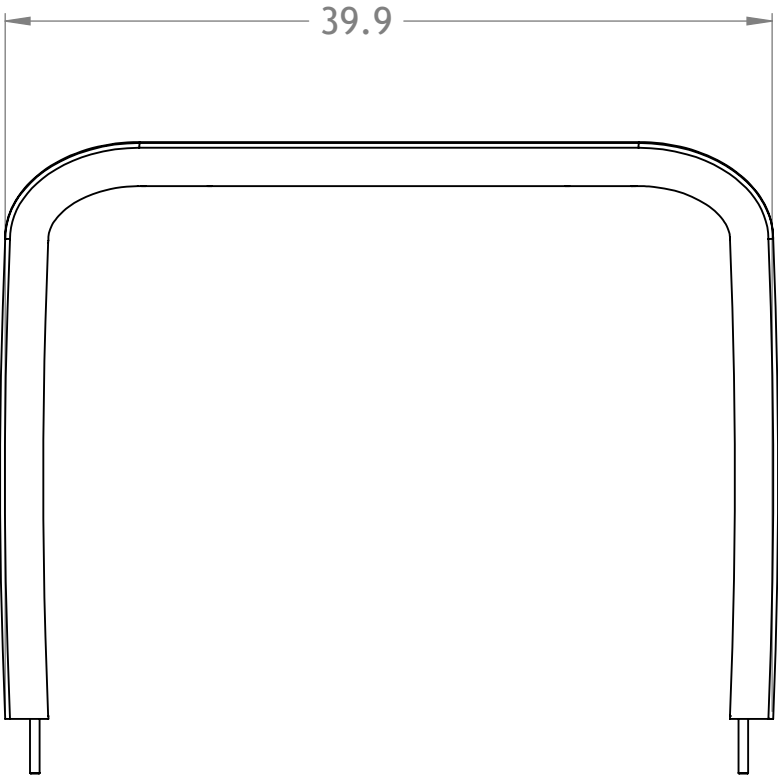
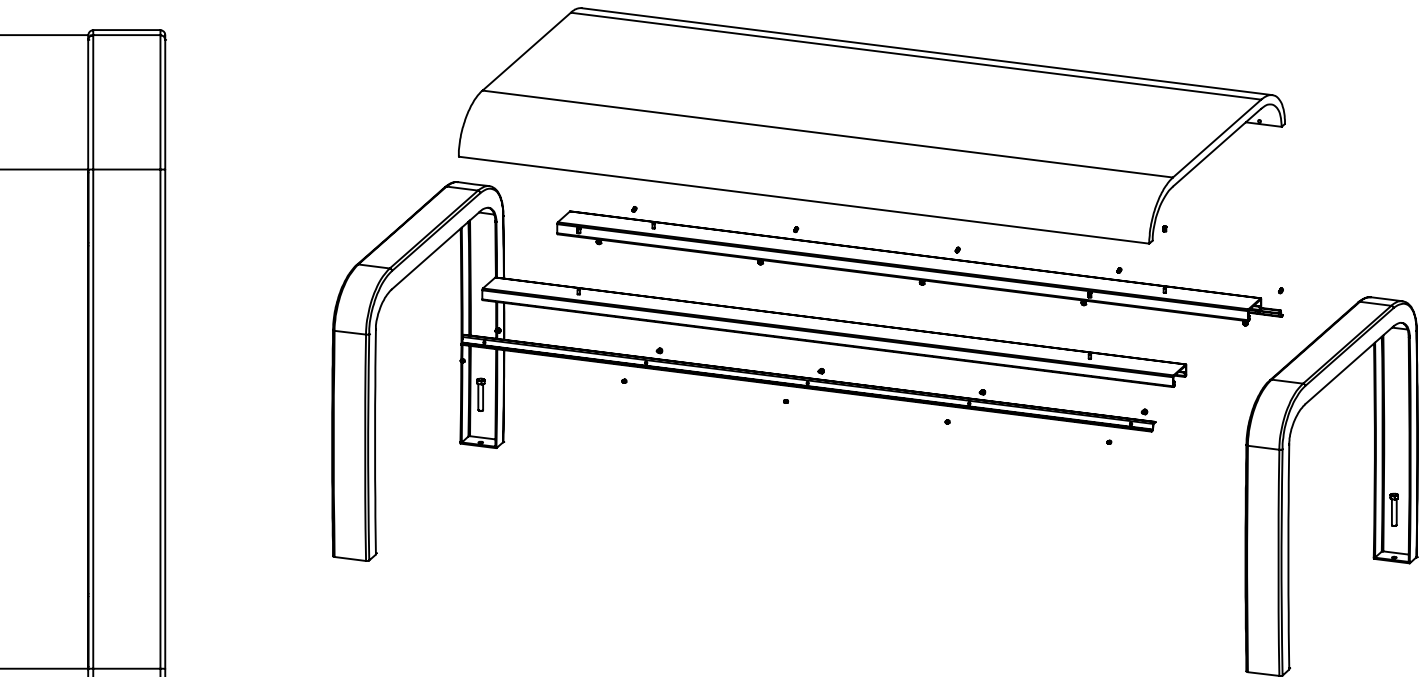
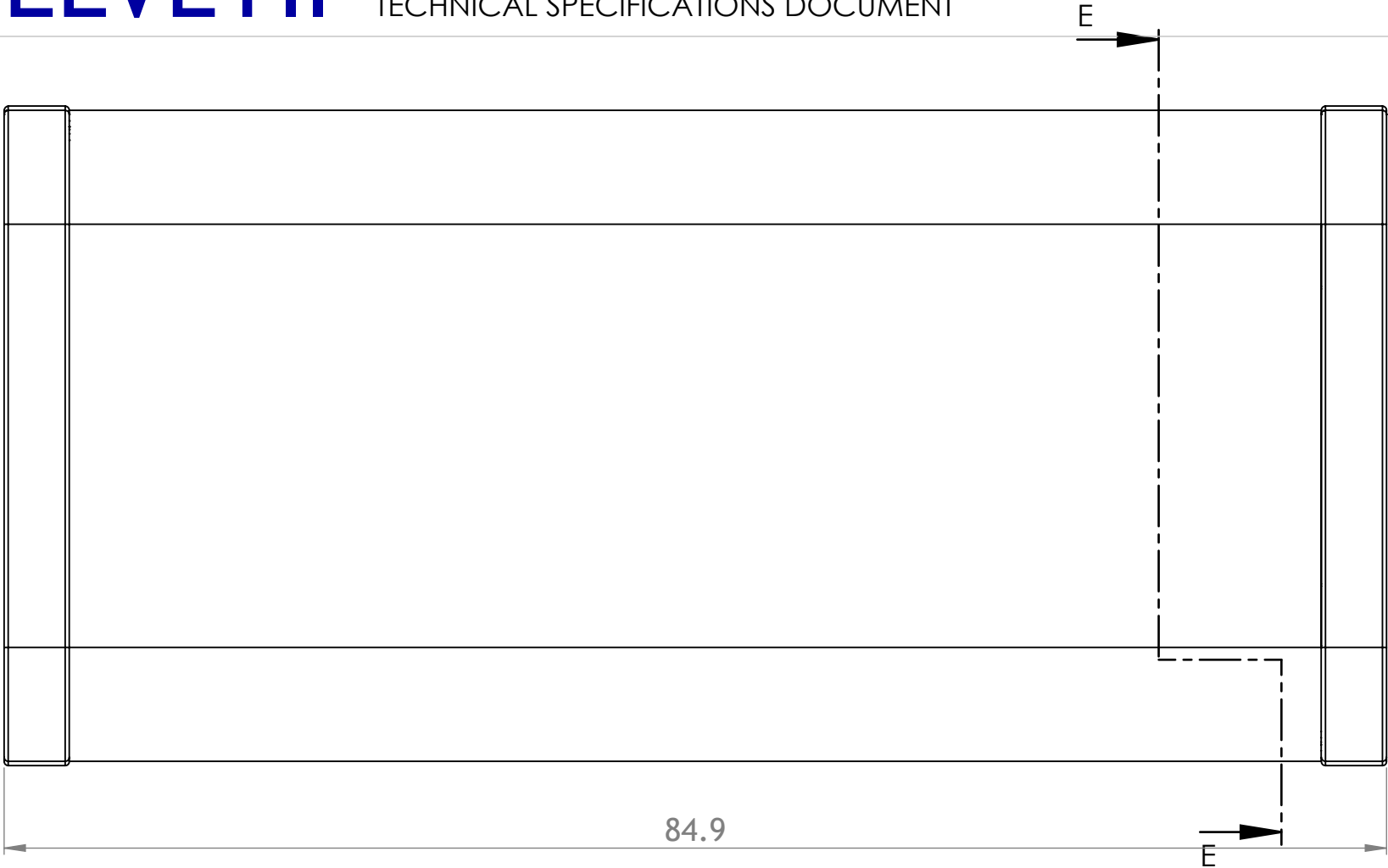
DATE 5/31/2021

REV. DO NOT SCALE DRAWING

SIZE A

SCALE:1:10

SHEET 3 OF 13



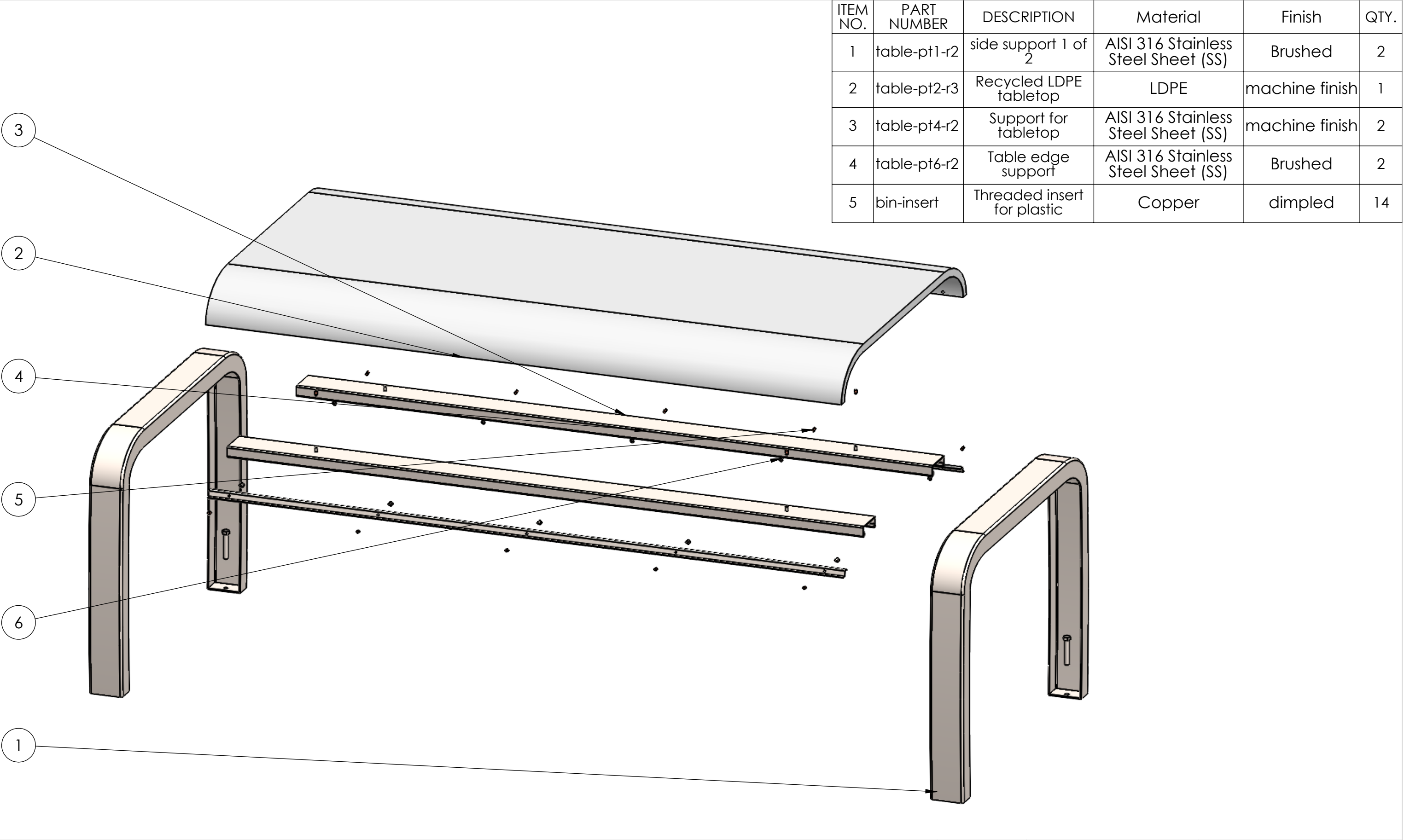
PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF RAPHAEL KAISER. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF RAPHAEL KAISER IS PROHIBITED.

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±

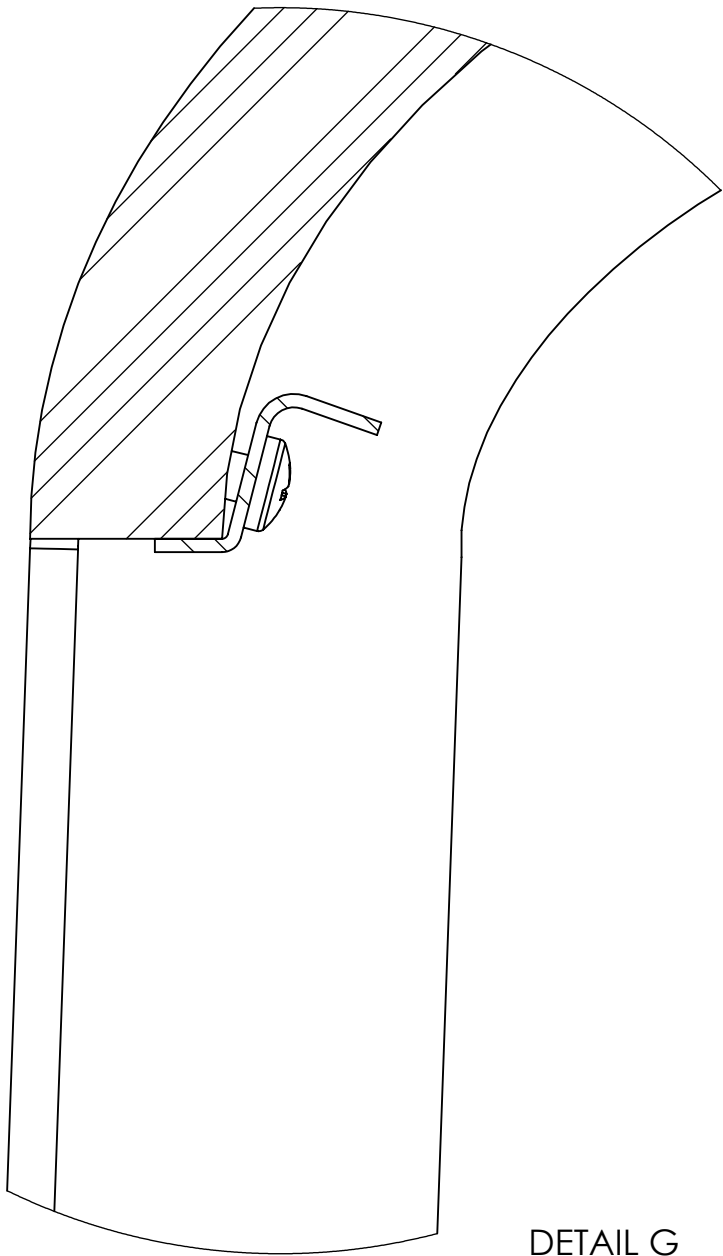
DATE	5/31/2021
------	-----------

NAME	
DRAWN	RAPHAEL KAISER - 1632037
MATERIAL	
FINISH	
REV.	DO NOT SCALE DRAWING

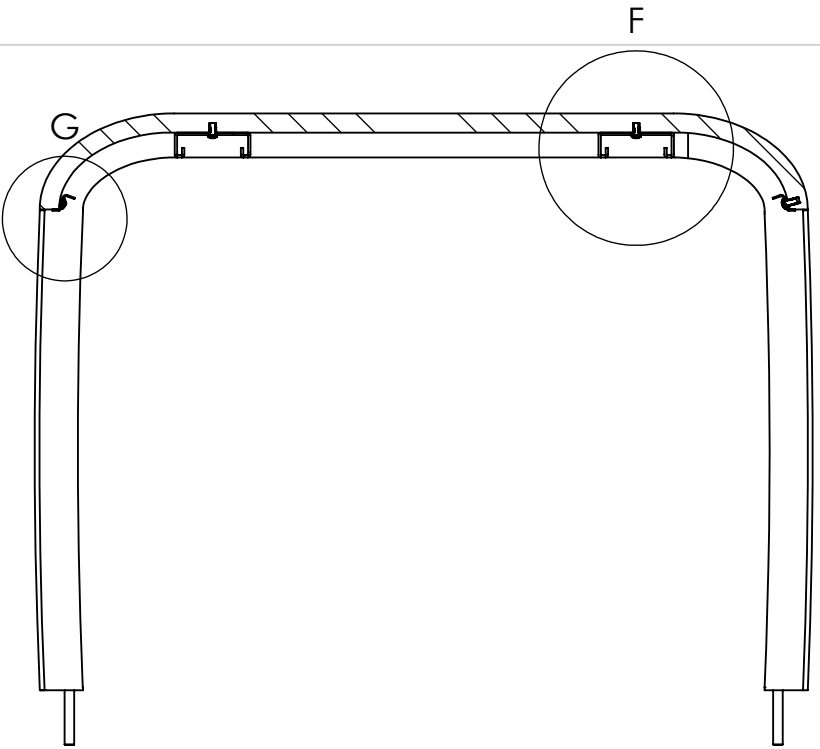
DWG. NO.	Table Orthoview
SCALE:1:10	
SHEET 4 OF 13	



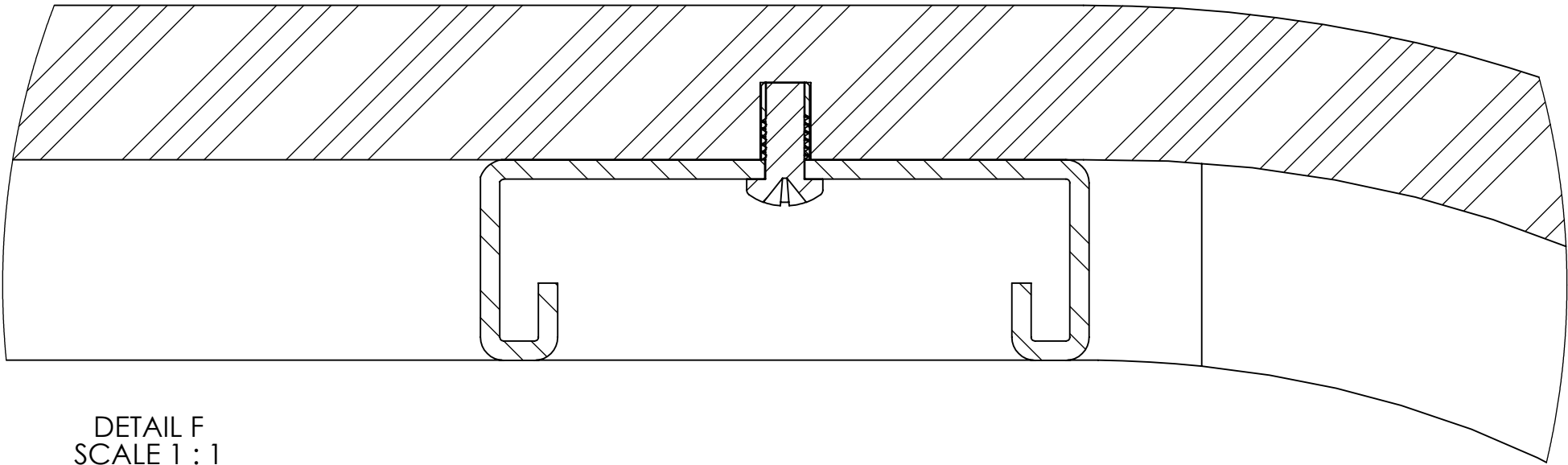
ITEM NO.	PART NUMBER	DESCRIPTION	Material	Finish	QTY.
1	table-pt1-r2	side support 1 of 2	AISI 316 Stainless Steel Sheet (SS)	Brushed	2
2	table-pt2-r3	Recycled LDPE tabletop	LDPE	machine finish	1
3	table-pt4-r2	Support for tabletop	AISI 316 Stainless Steel Sheet (SS)	machine finish	2
4	table-pt6-r2	Table edge support	AISI 316 Stainless Steel Sheet (SS)	Brushed	2
5	bin-insert	Threaded insert for plastic	Copper	dimpled	14



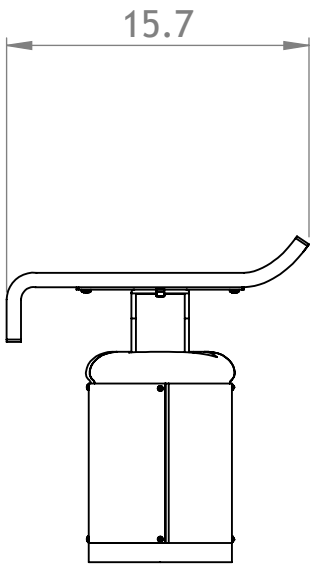
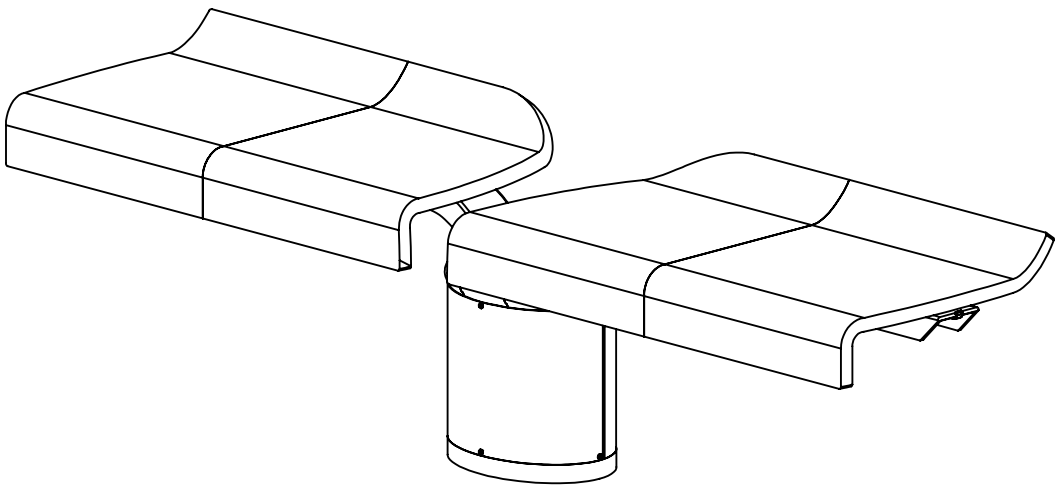
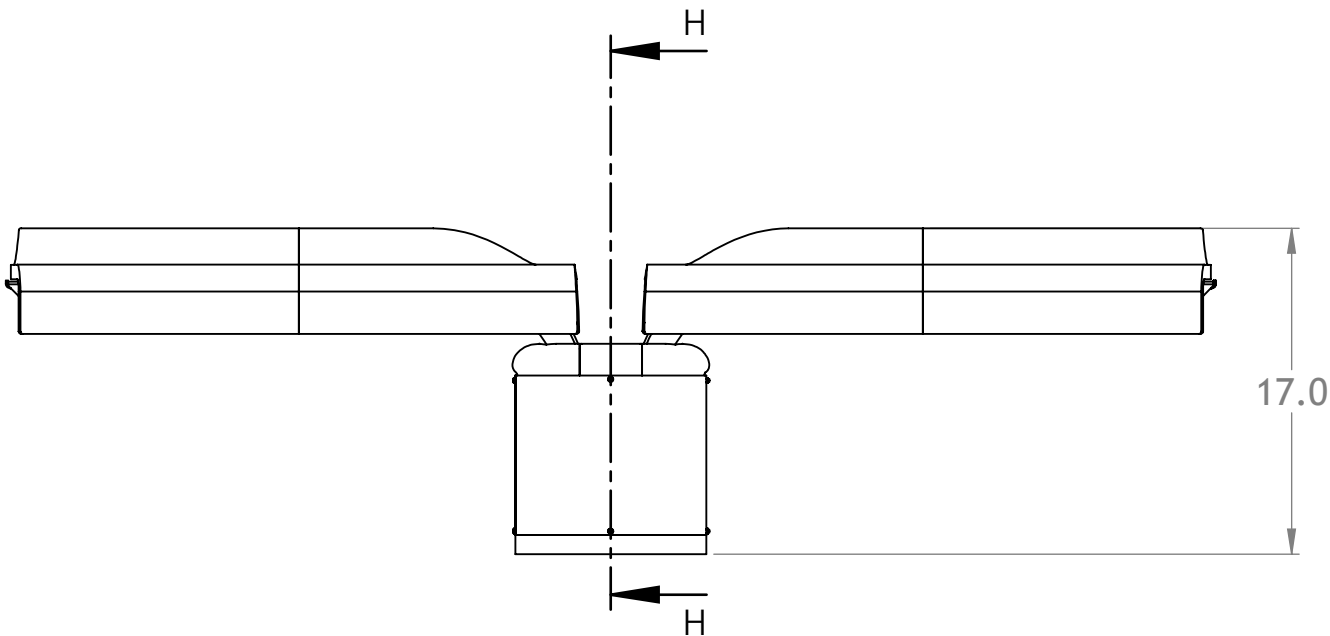
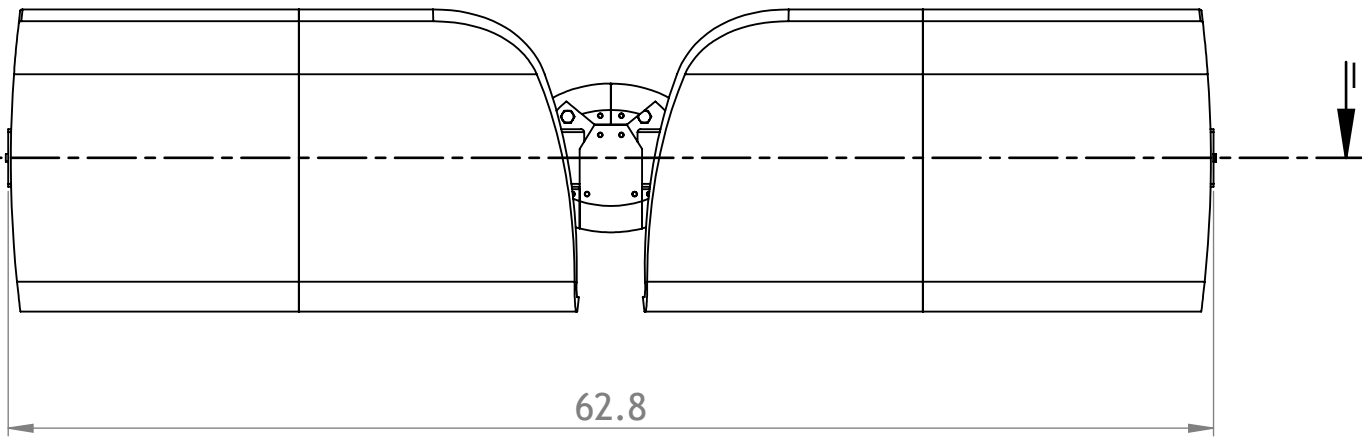
DETAIL G
SCALE 1 : 1



SECTION E-E



DETAIL F
SCALE 1 : 1



PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE
SOLE PROPERTY OF RAPHAEL KAISER. ANY
REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE
WRITTEN PERMISSION OF RAPHAEL KAISER IS
PROHIBITED.

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±

NAME
DRAWN RAPHAEL KAISER - 1632037
MATERIAL
FINISH

DWG. NO.

Pivot Orthoview

DATE 5/31/2021

REV.

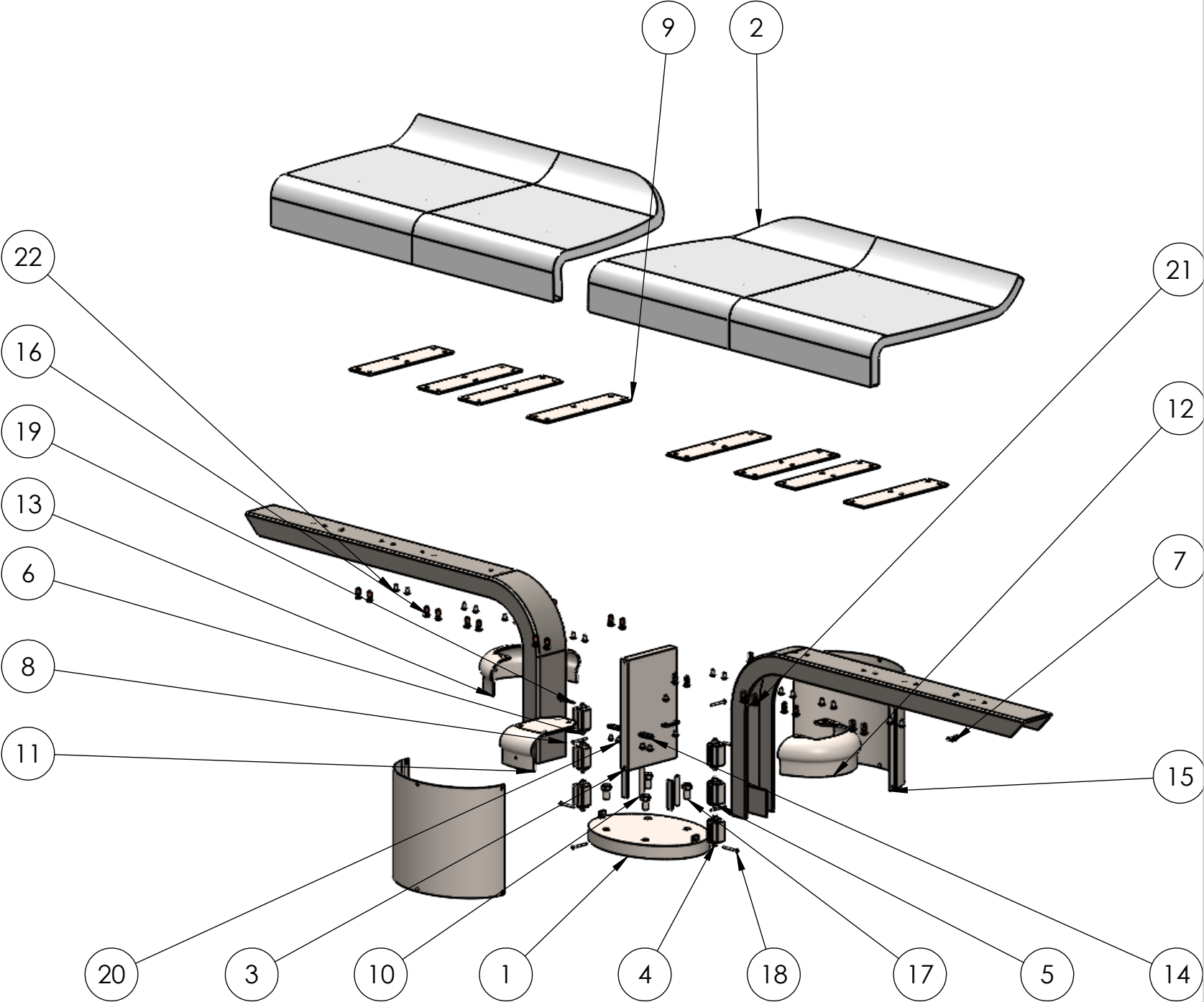
DO NOT SCALE DRAWING

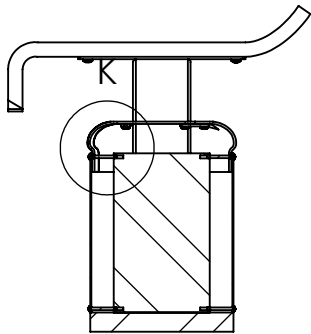
SIZE A

SCALE:1:10

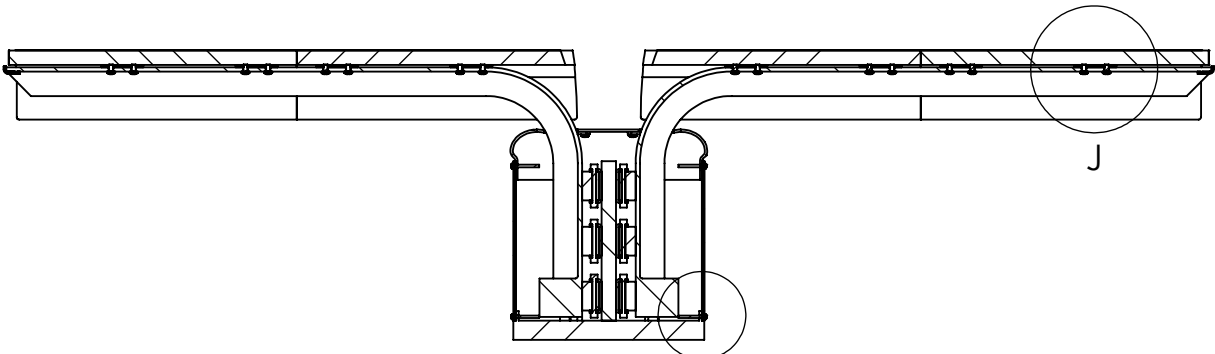
SHEET 7 OF 13

ITEM NO.	PART NUMBER	DESCRIPTION	Material	Finish	QTY.
1	spin-pt4-r2	Base	AISI 316 Stainless Steel Sheet (SS)	Brushed	1
2	spin-pt1-r2	1 OF 2 SEAT REST	LDPE	Machine	2
3	spin-pt5-r2	Hinge suppot	AISI 316 Stainless Steel Sheet (SS)	Brushed	1
4	spin-pt6-r2	SHUT IT HINGE	AISI 347 Annealed Stainless Steel (SS)	brushed	6
5	spin-pt7-r2	SHUT IT HINGE	AISI 347 Annealed Stainless Steel (SS)	N/A	6
6	spin-pt8-r2	SHUT IT HINGE	AISI 316 Annealed Stainless Steel Bar (SS)	N/A	6
7	spin-pt10-r2	Hook	201 Annealed Stainless Steel (SS)	brushed	3
8	spin-pt-arm-r2	Main support structure 1 of 2	AISI 1045 Steel, cold drawn	machine	2
9	spin-pt12-r2	Pivot seat support 1 of 8	AISI 316 Stainless Steel Sheet (SS)	Brushed	8
10	spin-pt14-r2	Stoppers	201 Annealed Stainless Steel (SS)	machine	2
11	spin-cover-pt1-r2	Part 1 of 3 for mechanism cover	AISI 316 Stainless Steel Sheet (SS)	Sand blast	1
12	spin-cover-pt2-r2	Mechanism cover 1 of 3	AISI 316 Stainless Steel Sheet (SS)	Sand Blast	1
13	spin-cover-pt3-r2	Part 1 of 3 mechanism cover	AISI 316 Stainless Steel Sheet (SS)	Sand Blast	1
14	spin-pt16-r2	Fastening Brackets got Covers	AISI 316 Stainless Steel Sheet (SS)	Brushed	1
15	spin-pt17-r2	1 OF 2 SCHROUD COVER	AISI 316 Stainless Steel Sheet (SS)	BRUSHED	2
16	bin-insert	Threaded insert for plastic	Copper	dimpled	32

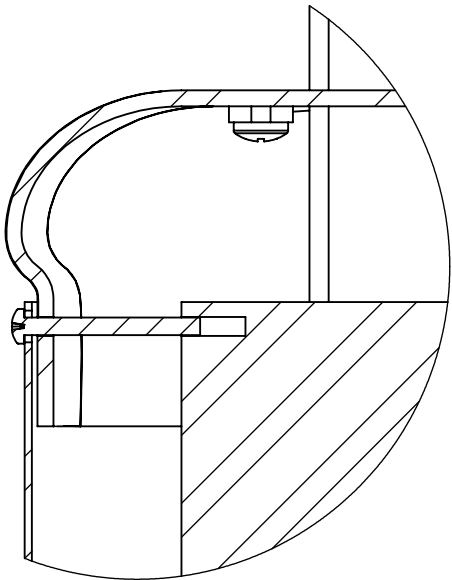




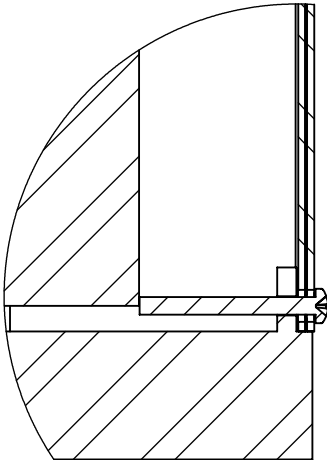
SECTION H-H



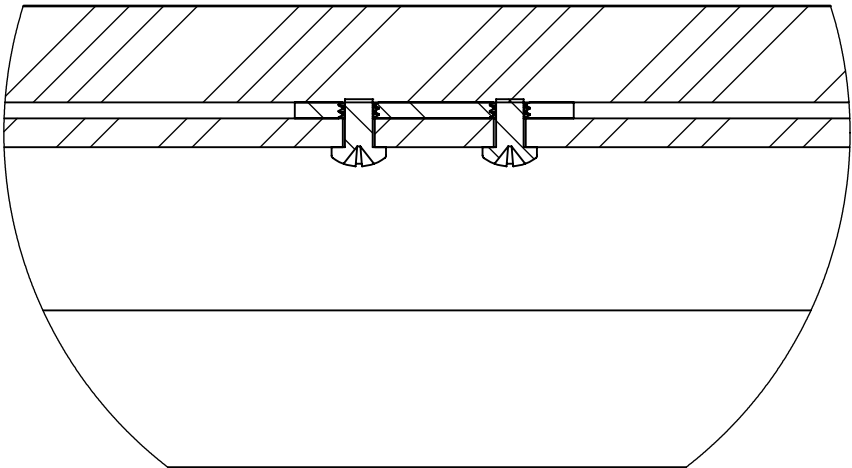
SECTION I-I



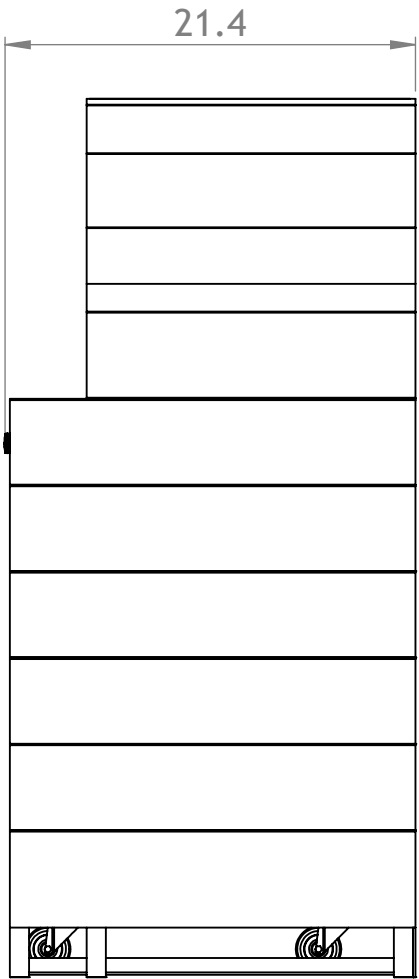
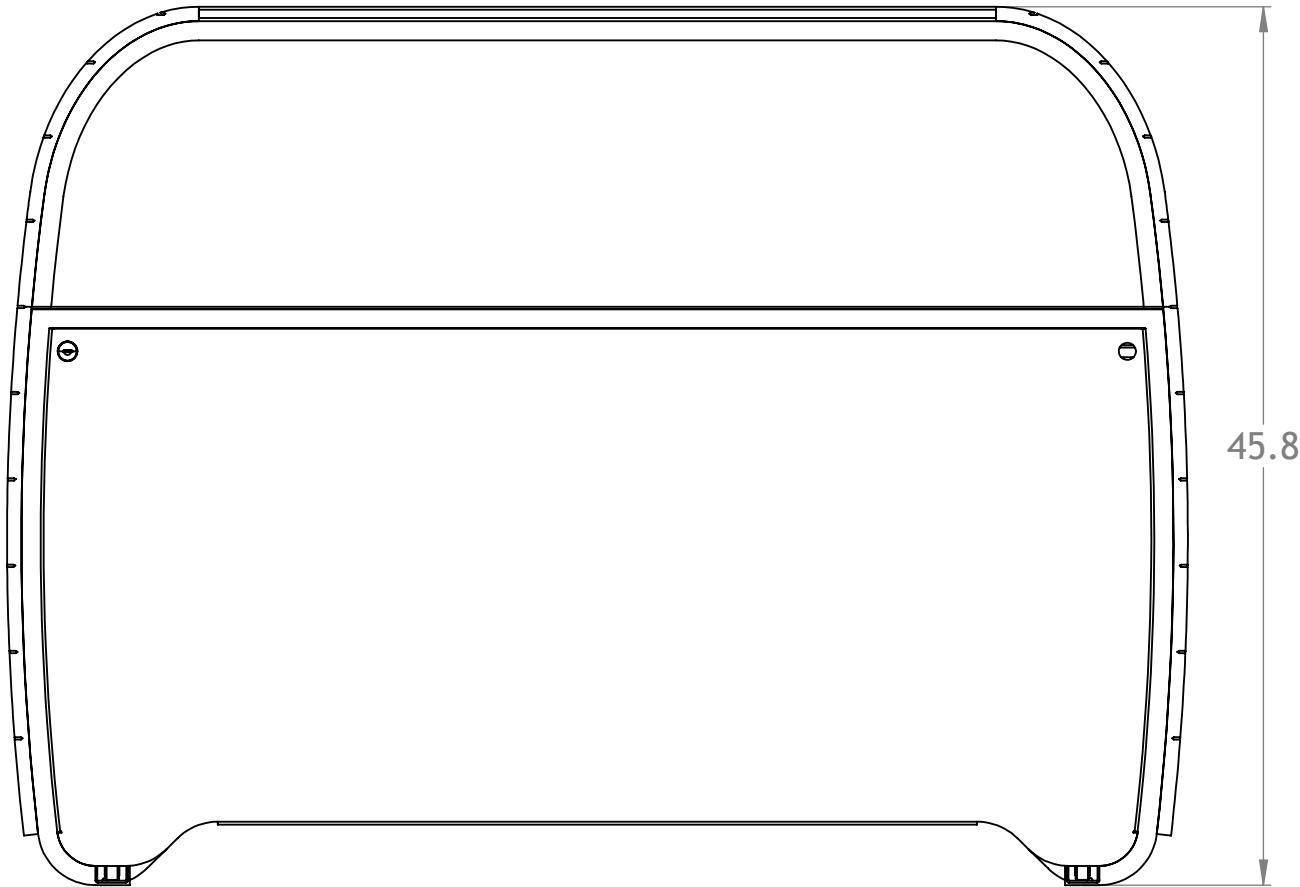
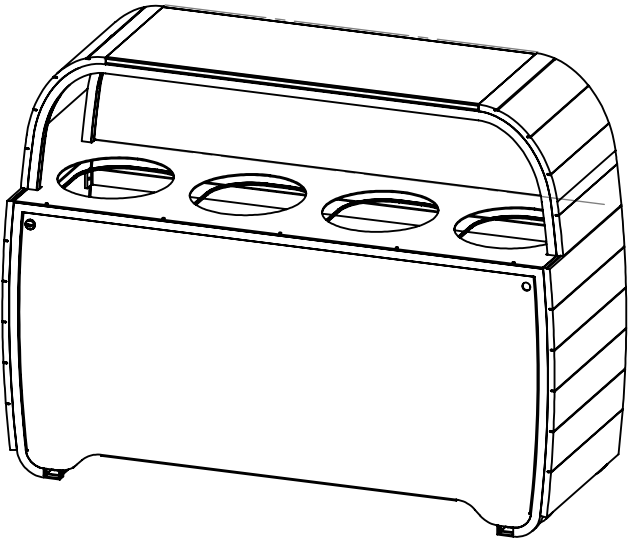
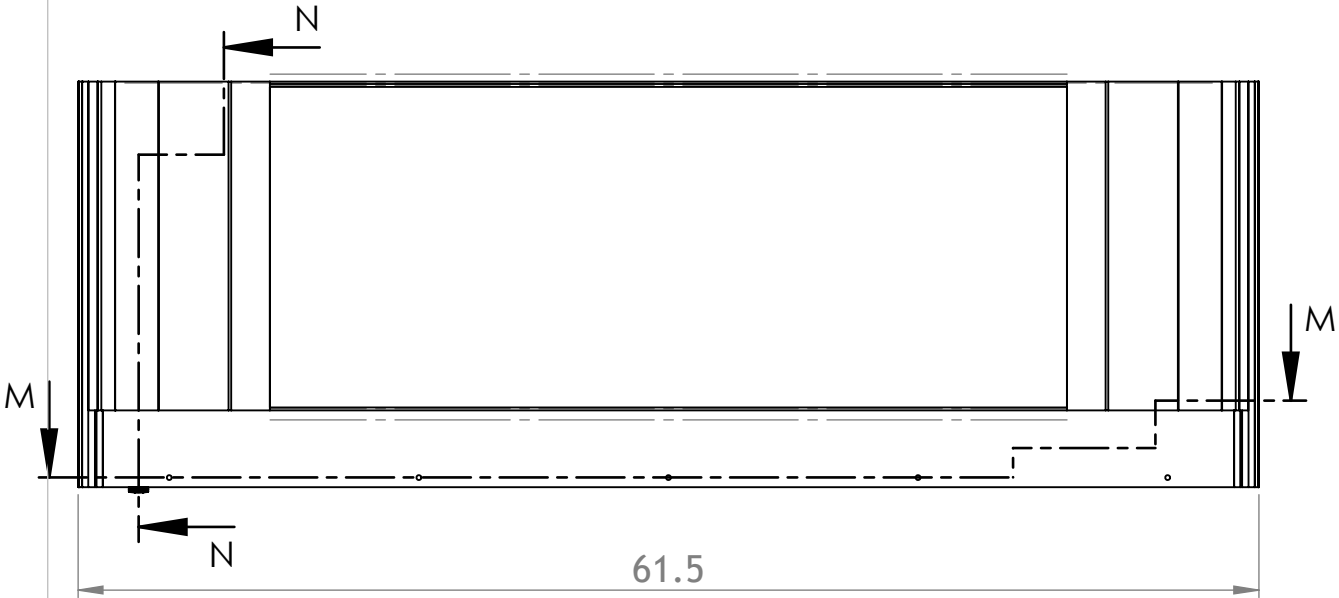
DETAIL K
SCALE 2 : 3



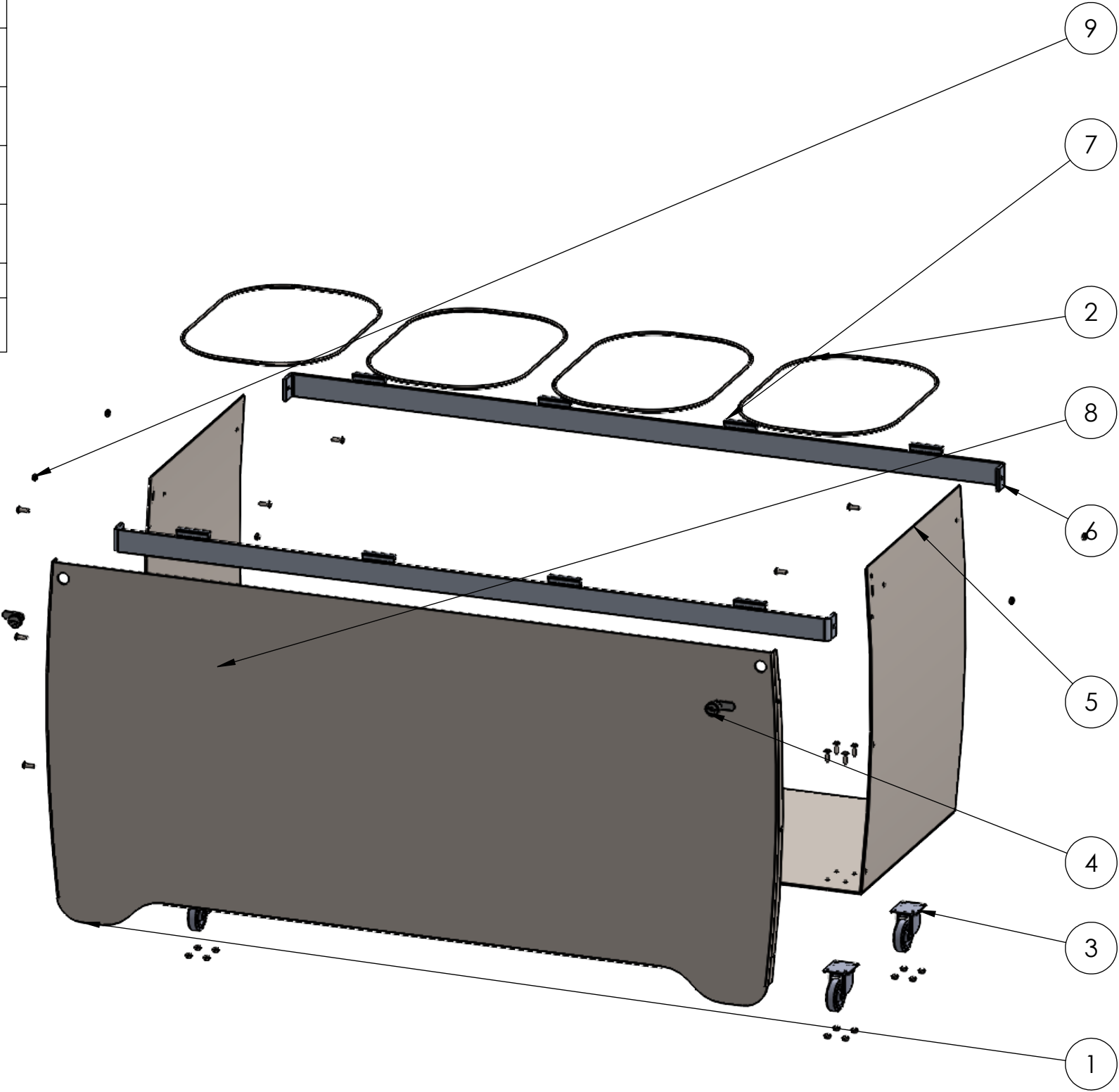
DETAIL L
SCALE 2 : 3



DETAIL J
SCALE 2 : 3



ITEM NO.	PART NUMBER	DESCRIPTION	Material	Finish	QTY.
1	bin-pt10-r2	Front Cover with locks	AISI 316 Stainless Steel Sheet (SS)	Brushed	1
2	bin-pt12-r2	Bag-ring Support	AISI 316 Annealed Stainless Steel Bar (SS)	Machine finish	1
3	wheels				4
4	Cam Lock.STEP				2
5	bin-pt11-r1	Waste receptacle	AISI 316 Stainless Steel Sheet (SS)	Brushed	1
6	bin-pt15-r1	Bag support	7075-T6 (SN)	Machine Finish	2
7	bin-pt16-r1	Extruded bag-ring support	7075-T6 (SN)	machine finish	8



PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF RAPHAEL KAISER. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF RAPHAEL KAISER IS PROHIBITED.

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL: ±
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±

DATE 5/31/2021

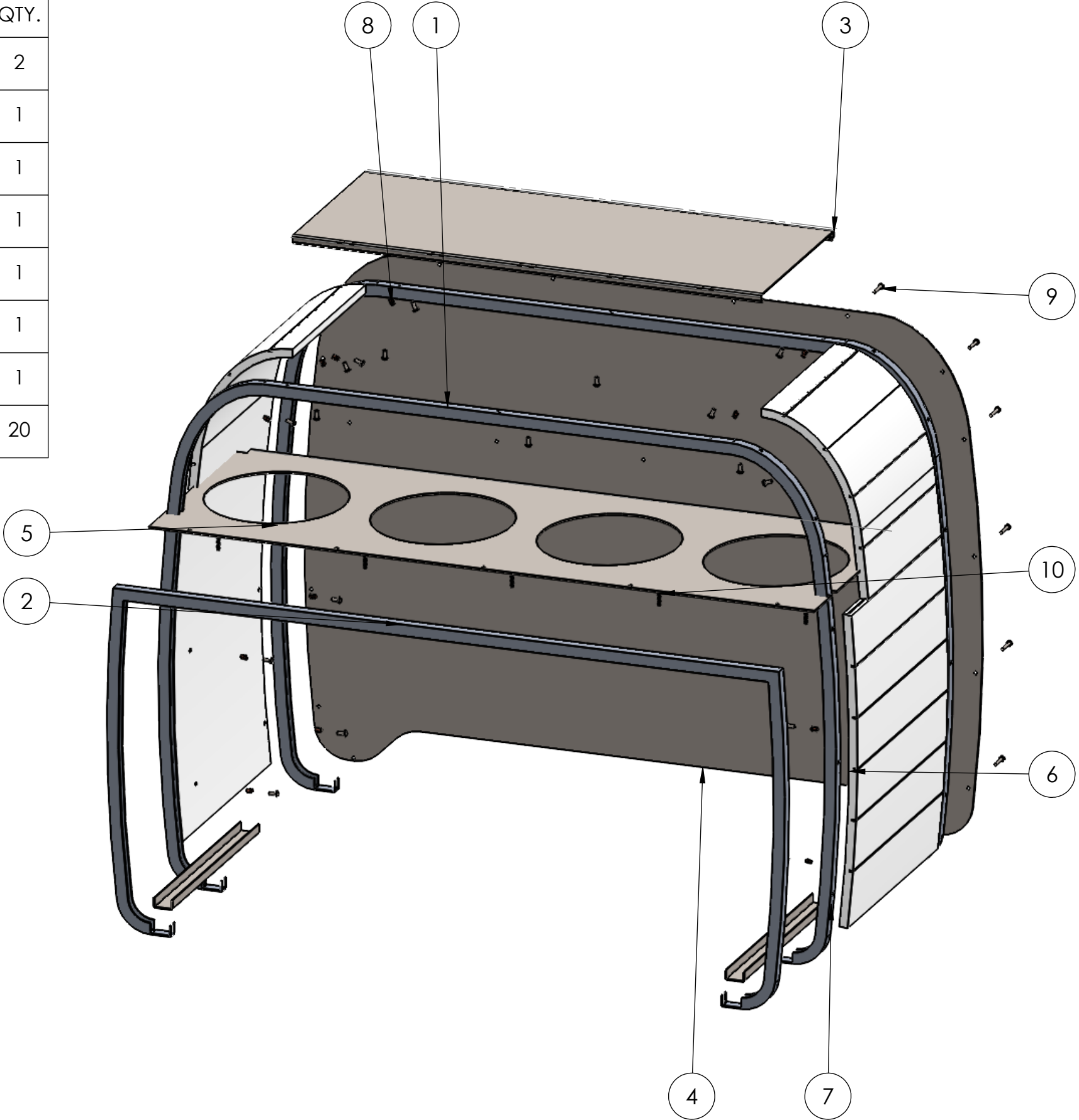
NAME
DRAWN RAPHAEL KAISER - 1632037
MATERIAL
FINISH

REV. DO NOT SCALE DRAWING SIZE A

DWG. NO.
Waste Tray Exploded View
SCALE:1:10

SHEET 11 OF 13

ITEM NO.	PART NUMBER	DESCRIPTION	Material	Finish	QTY.
1	bin-pt1-r3	Support structure	7075-T6 (SN)	Machine Finish	2
2	bin-pt2-r2	Support Structure	7075-T6 (SN)	Material Finish	1
3	bin-pt14-r2	Top cover	AISI 316 Stainless Steel Sheet (SS)	Brushed	1
4	bin-pt8-r2	Back Cover	AISI 316 Stainless Steel Sheet (SS)	Brushed	1
5	bin-pt9-r2	Illustratation for waste recepticles	AISI 316 Stainless Steel Sheet (SS)	Polished	1
6	bin-pt3-r2	Recycled material cover	PET	Machine Finish	1
7	bin-pt13-r2	Roller Channel	AISI 316 Stainless Steel Sheet (SS)	Brushed	1
8	bin-insert	Threaded insert for plastic	Copper	dimpled	20



PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE
SOLE PROPERTY OF RAPHAEL KAISER. ANY
REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE
WRITTEN PERMISSION OF RAPHAEL KAISER IS
PROHIBITED.

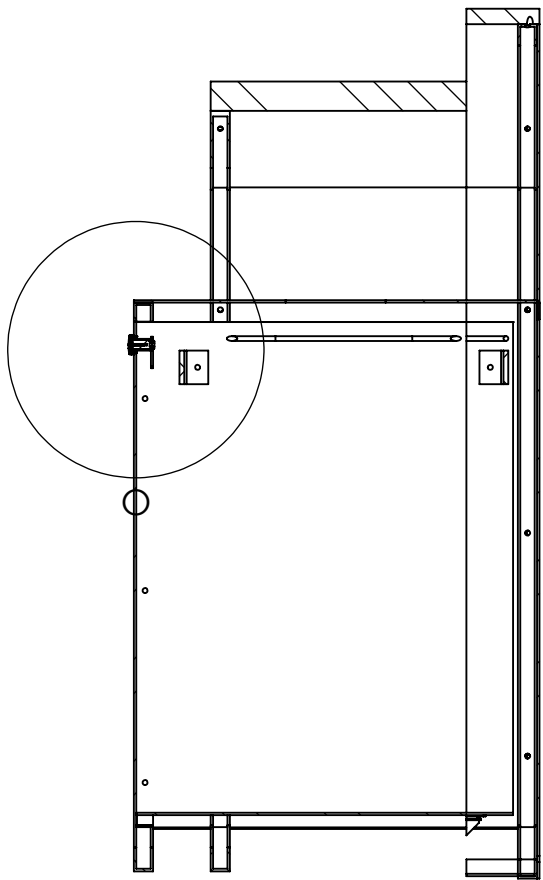
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±

DATE 5/31/2021

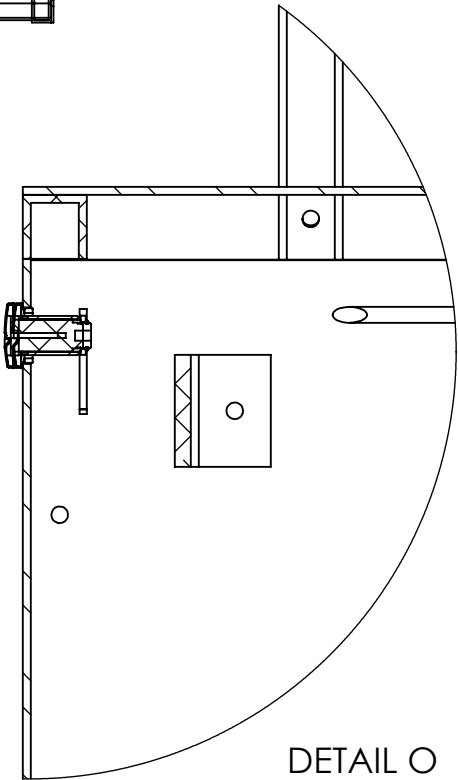
NAME
DRAWN RAPHAEL KAISER - 1632037
MATERIAL
FINISH

REV. DO NOT SCALE DRAWING SIZE A

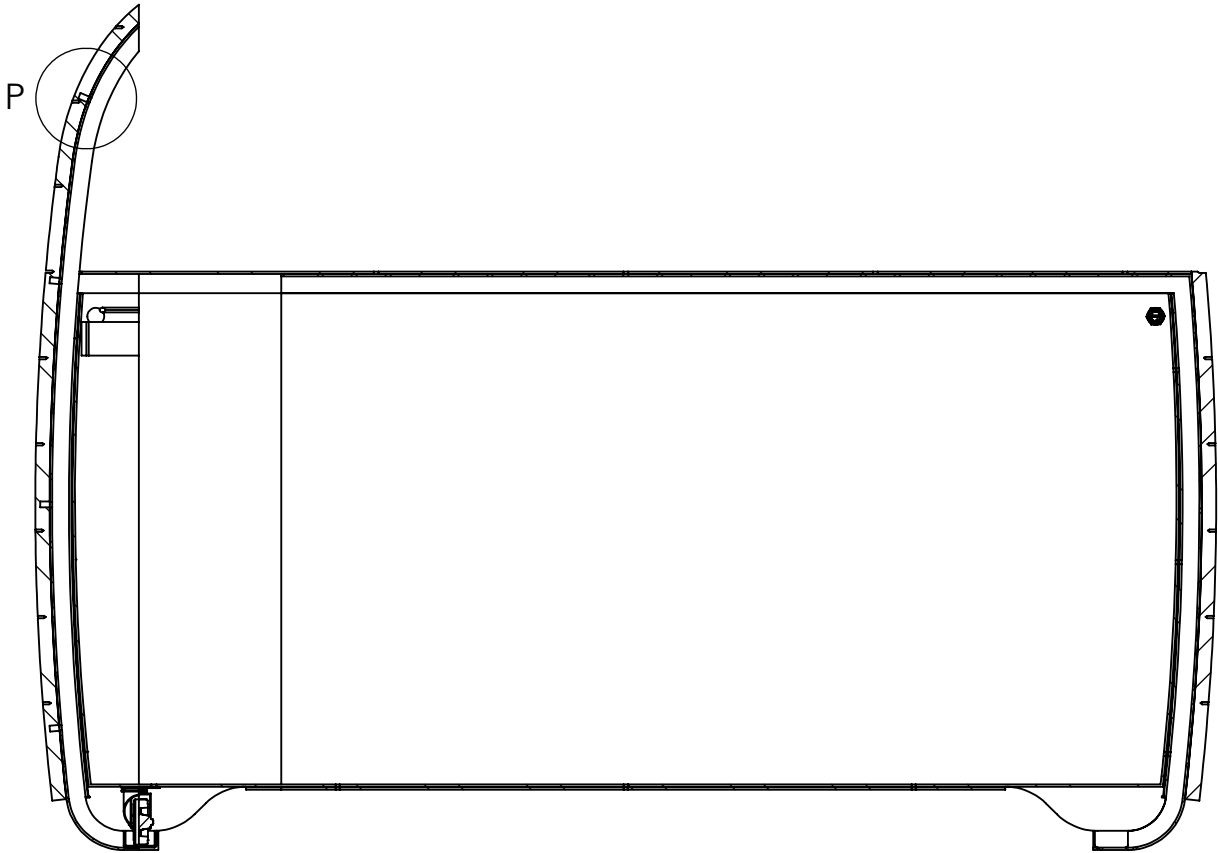
DWG. NO.
Waste Structure Exploded Vie
SCALE:1:10
SHEET 12 OF 13



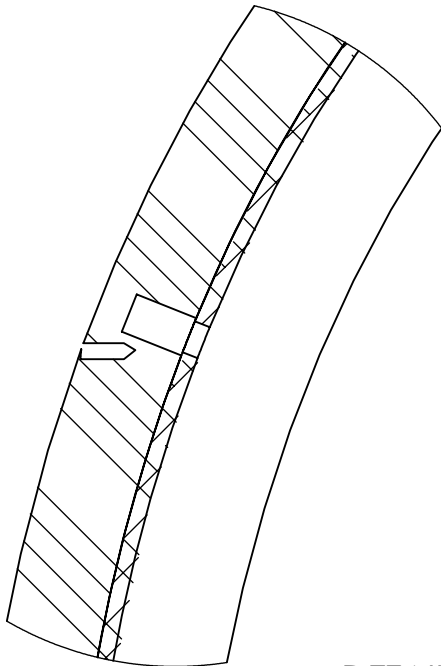
SECTION N-N



DETAIL O
SCALE 1 : 3



SECTION M-M



DETAIL P
SCALE 2 : 3

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE
SOLE PROPERTY OF RAPHAEL KAISER. ANY
REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE
WRITTEN PERMISSION OF RAPHAEL KAISER IS
PROHIBITED.

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±

NAME
DRAWN RAPHAEL KAISER - 1632037
MATERIAL
FINISH

DWG. NO.

Waste Technical View

DATE 5/31/2021

REV.

DO NOT SCALE DRAWING

SIZE A

SCALE:1:10

SHEET 13 OF 13