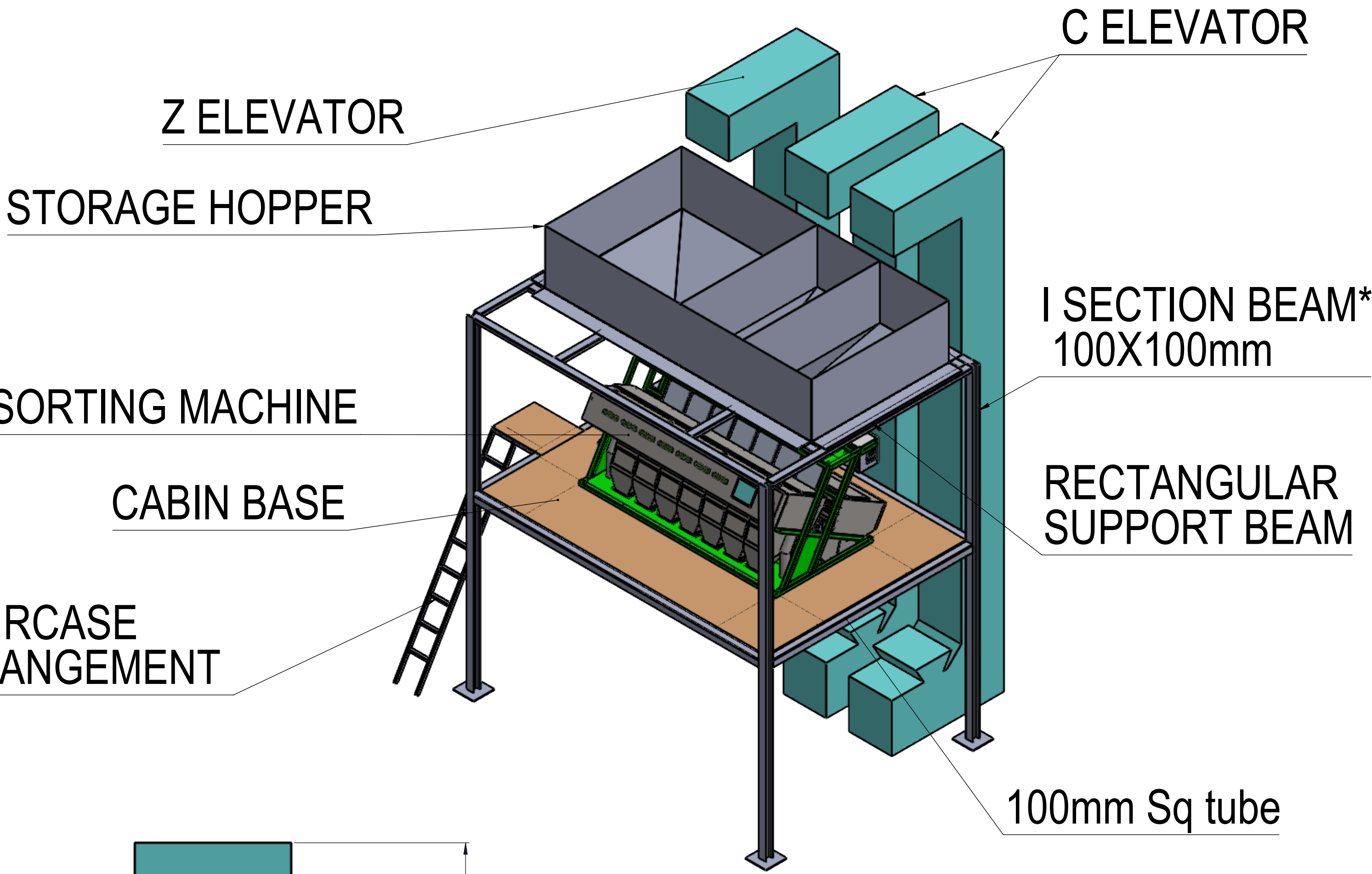
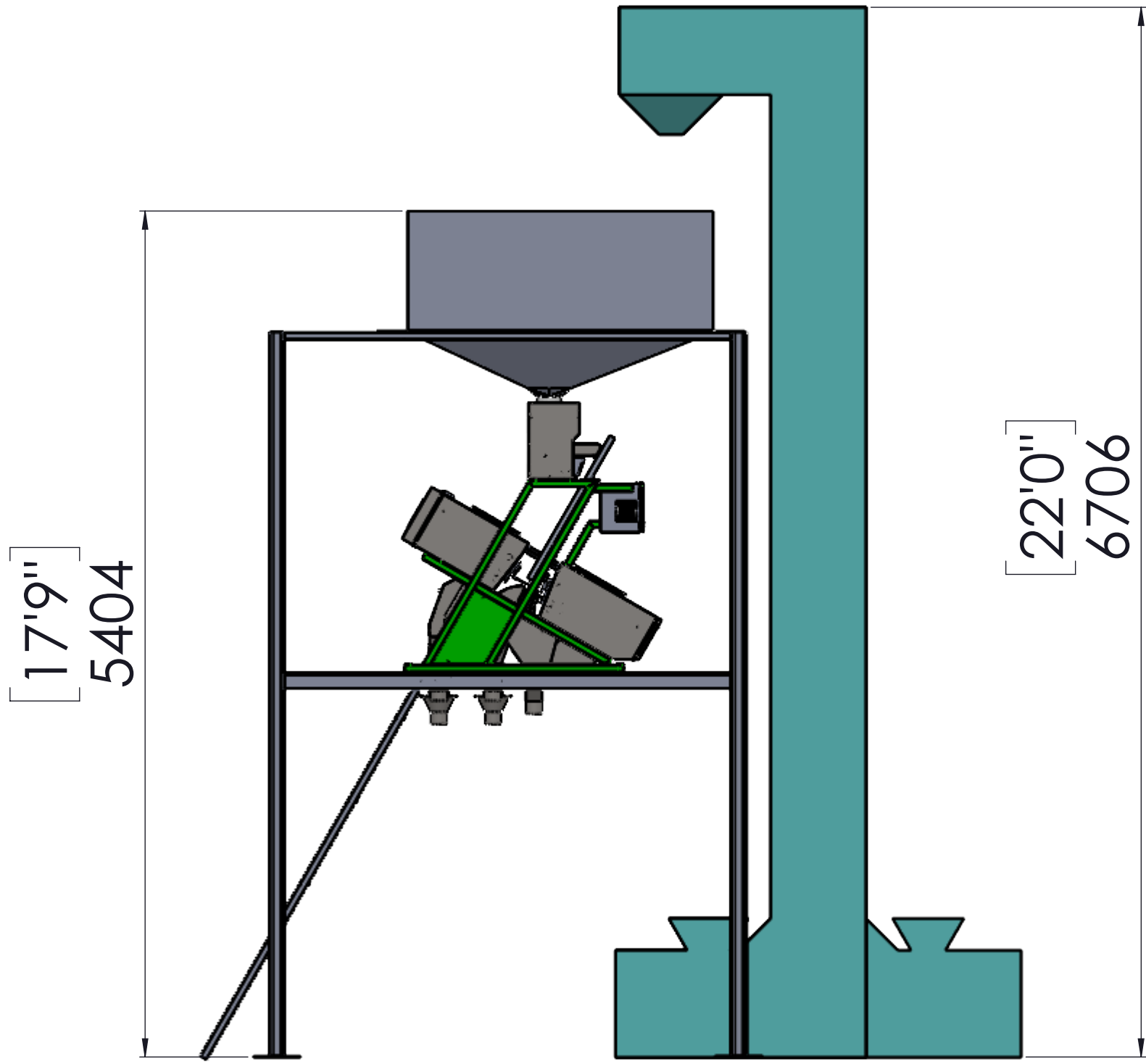
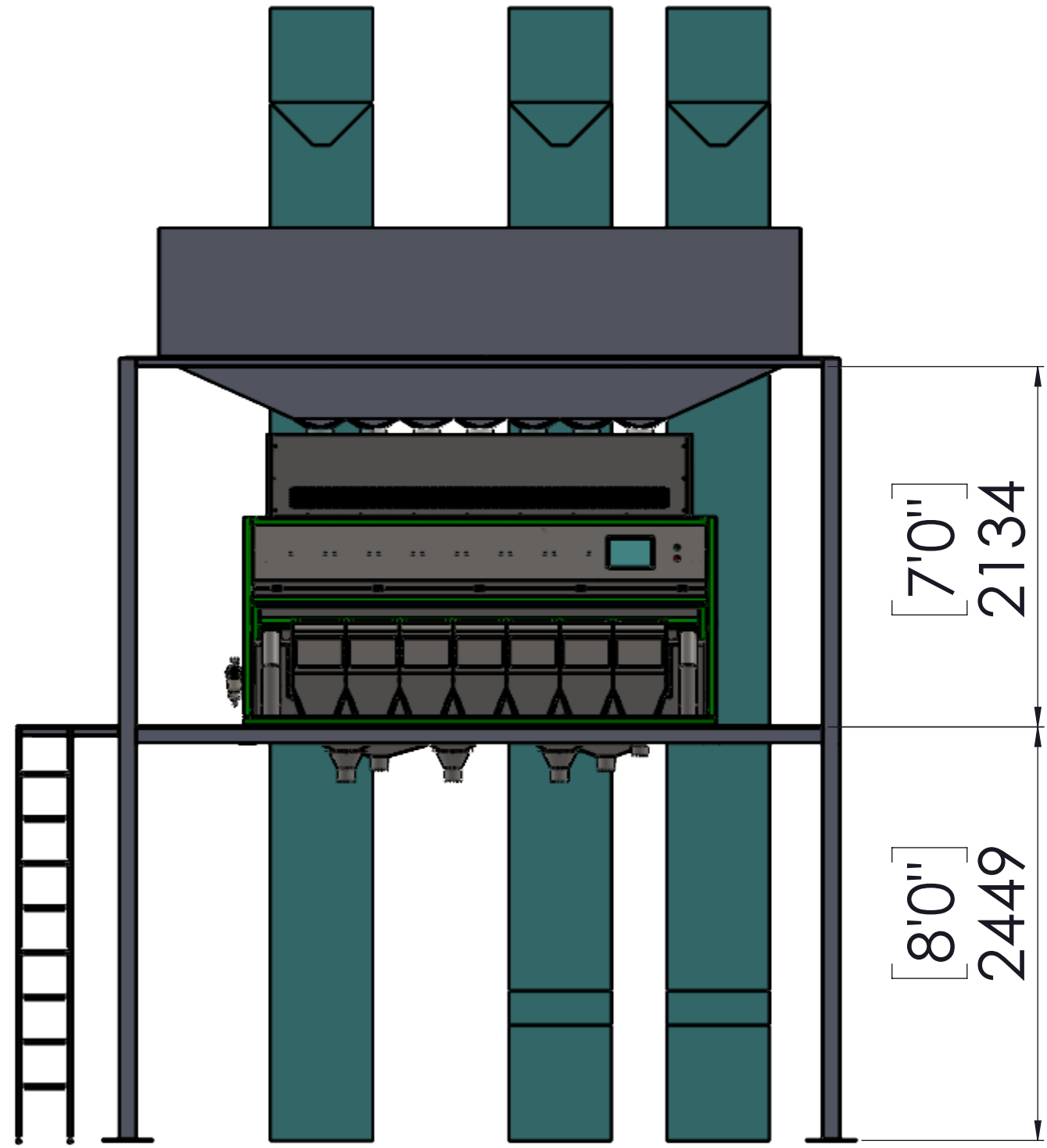
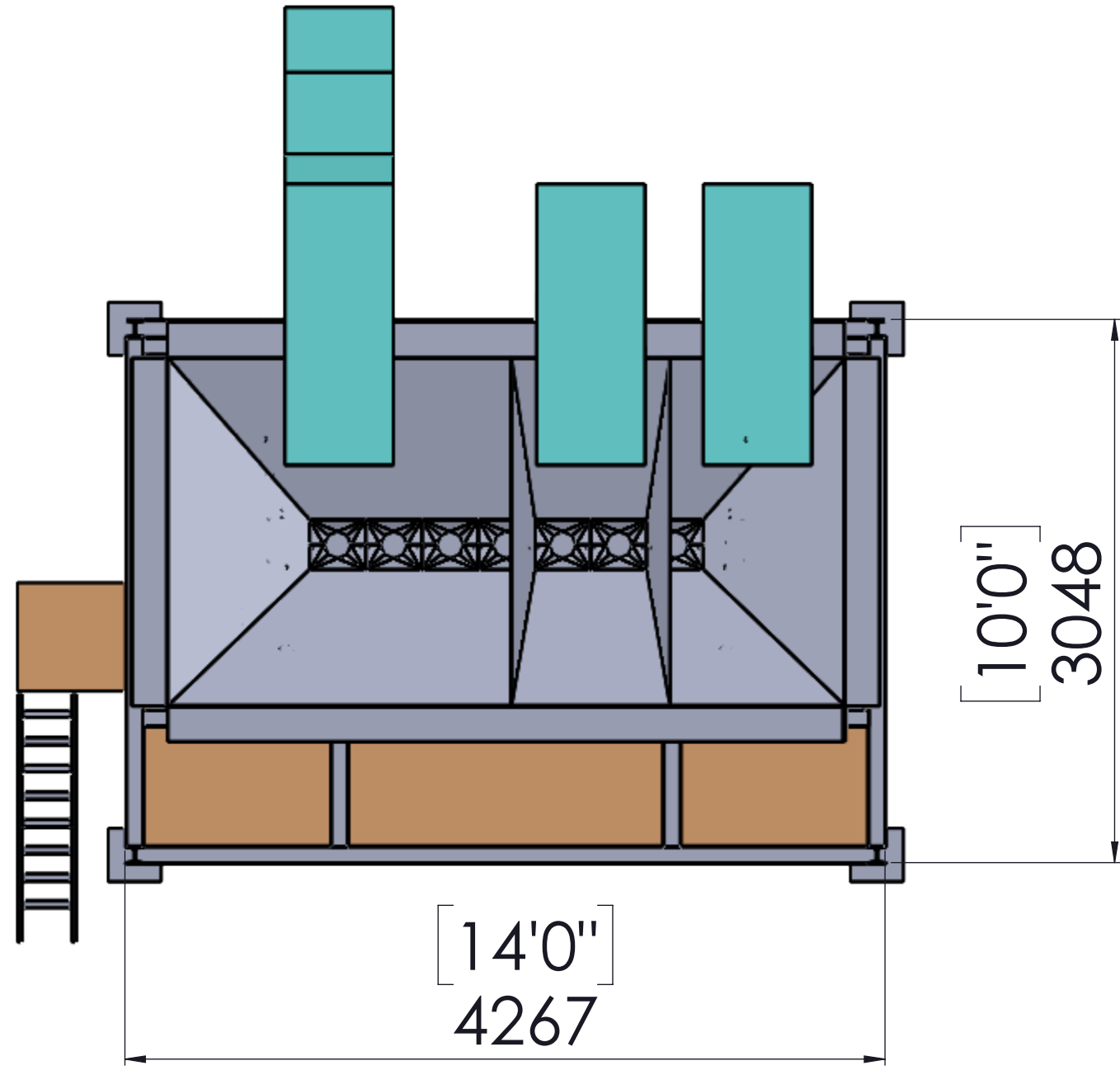


CABIN ARRANGMENT

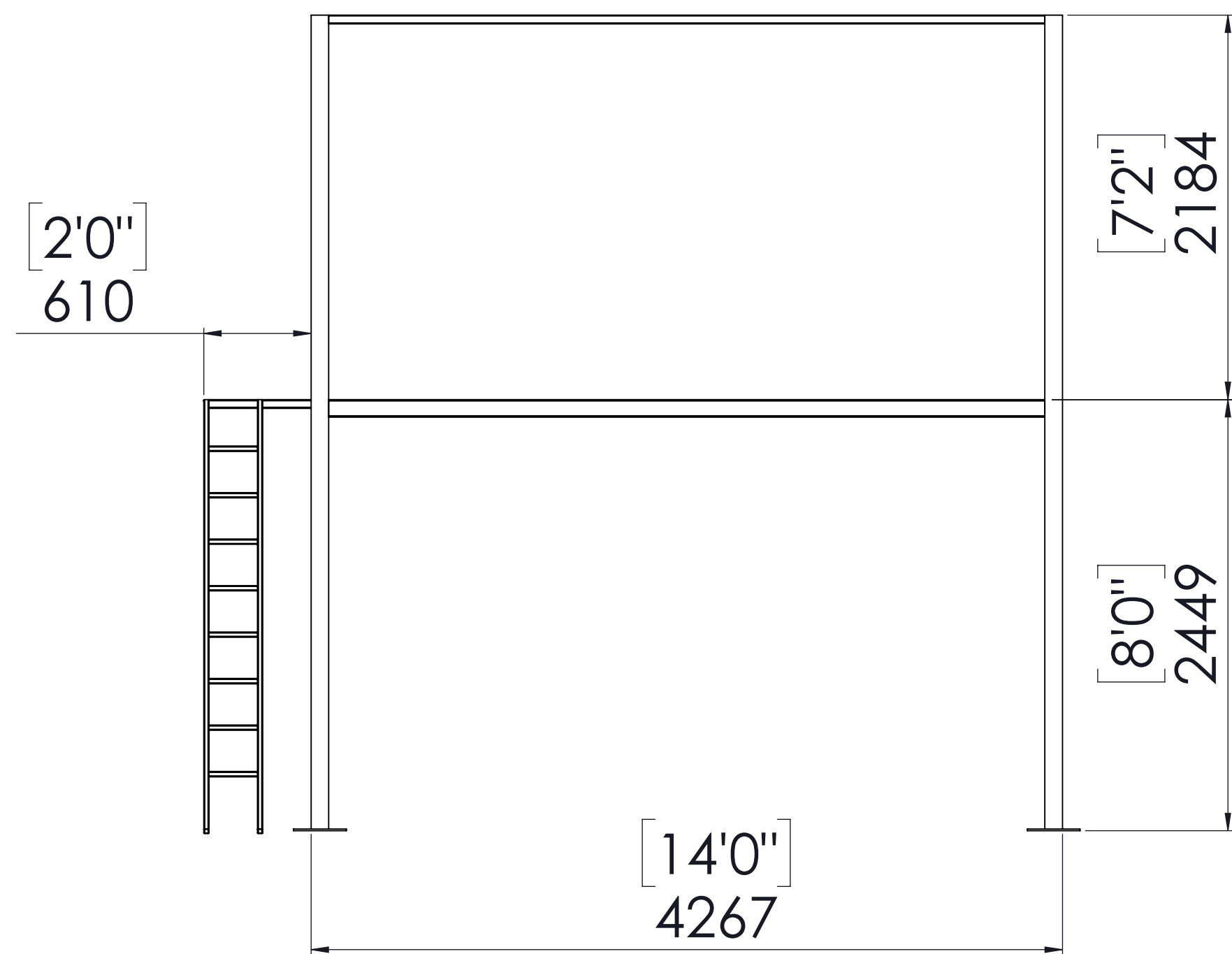
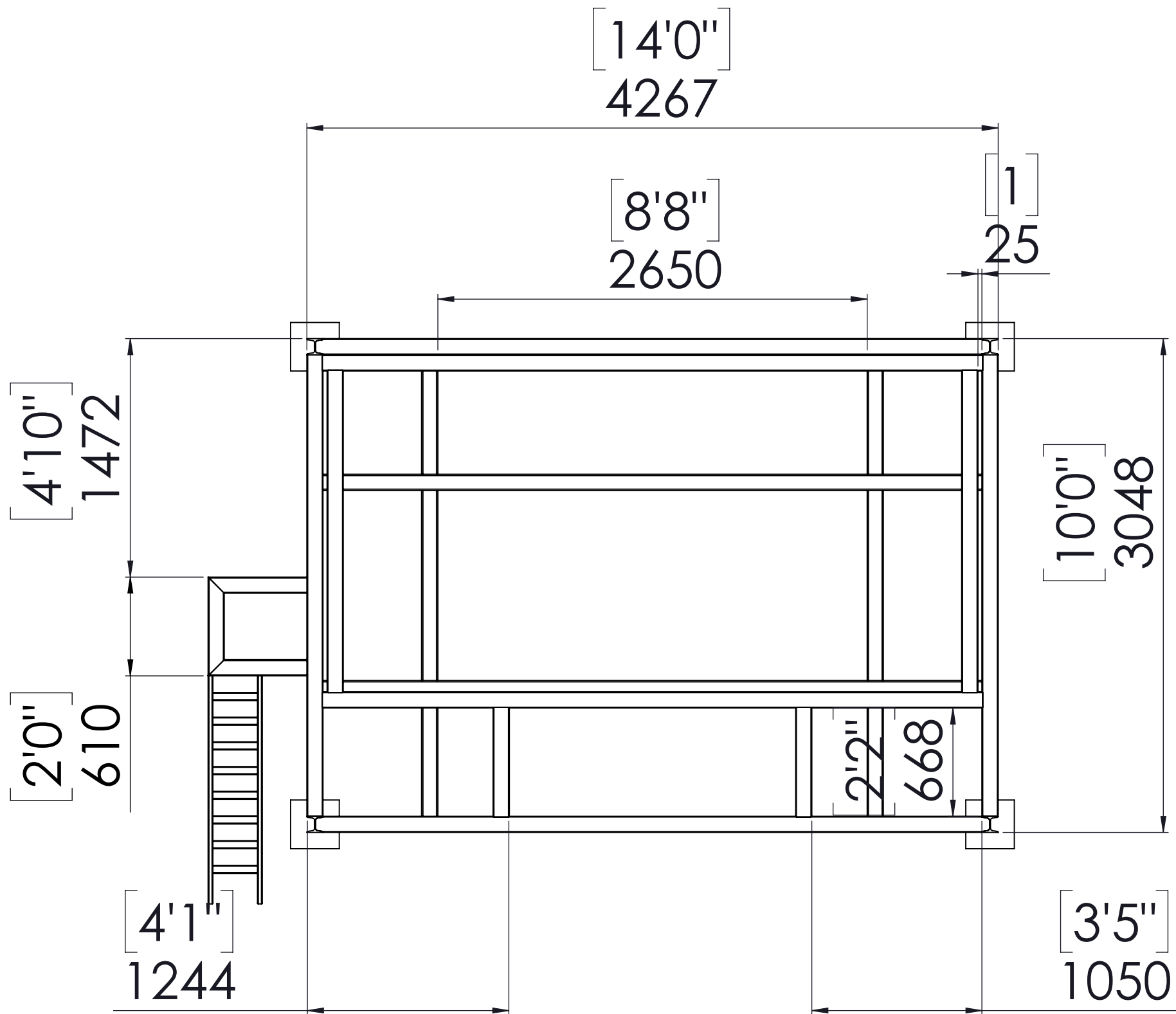


*RECTANGULAR SECTION BEAMS
CAN ALSO BE USED

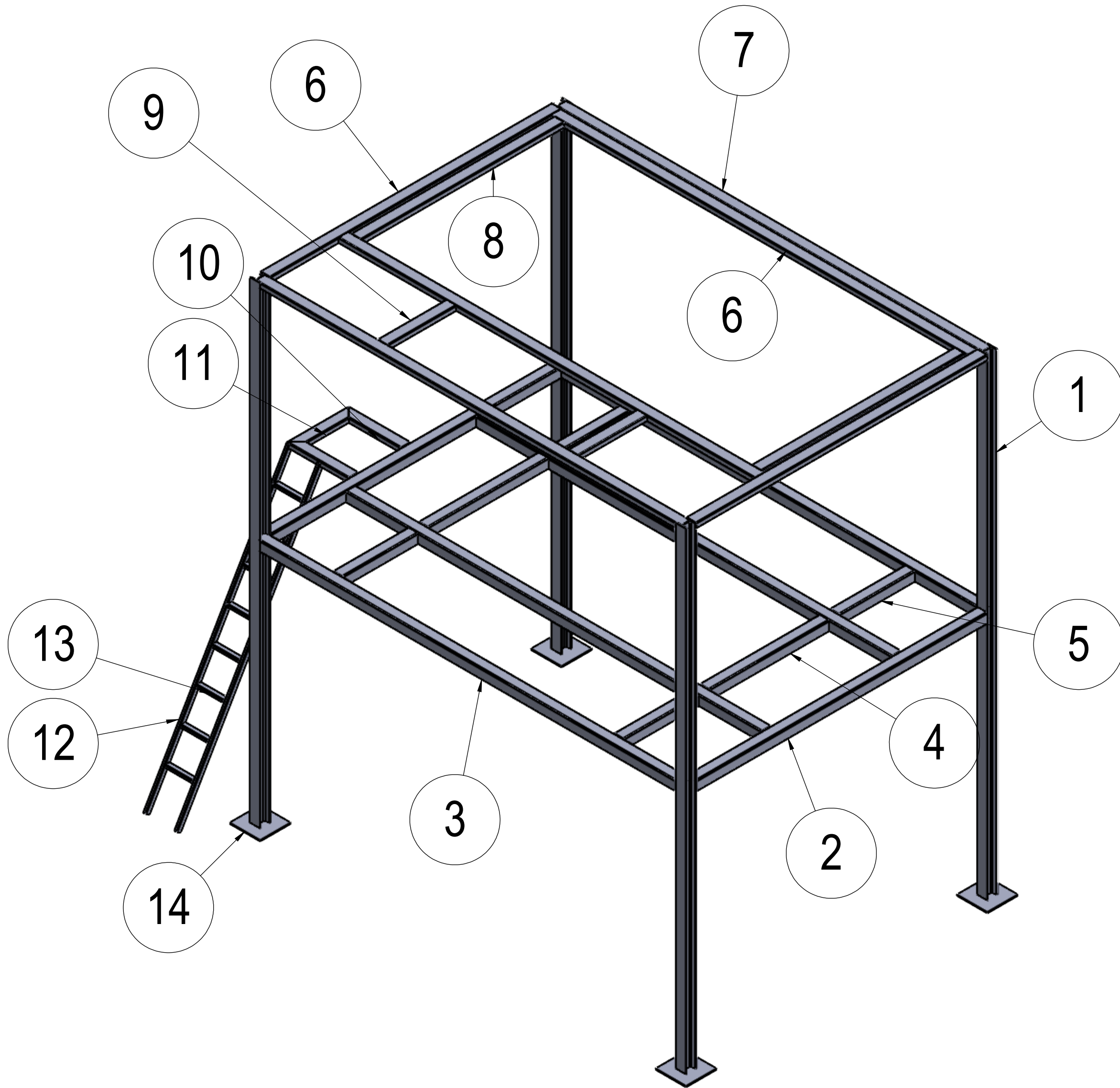
NOTE: ALL PRIMARY DIMENTIONS ARE IN mm,
AND ALL SECONDARY DIMENTIONS ARE
IN FEET AND INCHES

DO NOT SCALE DRAWING. CAD MATHEMATICAL DATA IS MASTER FOR THIS PART UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES UNLESS OTHERWISE SPECIFIED		REVISION AA NOTES: NEW RELEASE			
UNSPECIFIED TOLERANCES ARE: LINEAR: $\pm 1.0\text{mm}$ ANGULAR: $\pm 0.5^\circ$		THE INFORMATION CONTAINED IN THIS DOCUMENT IS PROPRIETARY INFORMATION OF Swan Sorter systems PVT.LTD. INDIA AND IS DISCLOSED IN CONFIDENCE. IT IS THE PROPERTY OF Swan Sorter systems PVT.LTD. AND SHALL NOT BE USED, DISCLOSED TO OTHERS OR REPRODUCED WITHOUT THE EXPRESS WRITTEN CONSENT OF AN AUTHORIZED EMPLOYEE OF Swan Sorter systems PVT.LTD. IF WRITTEN CONSENT IS GIVEN BY Swan Sorter, FOR REPRODUCTION IN WHOLE OR IN PART, THIS NOTICE AND THE NOTICE SET FORTH ON EACH PAGE OF THIS DOCUMENT SHALL APPEAR IN ANY SUCH REPRODUCTION IN WHOLE OR IN PART. UNAUTHORIZED EXPORT IS PROHIBITED.			
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GEOMETRIC DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ASME Y14.5M-1994		Approved by : Shijo Checked by : Vinayaka Prepared by : Jaypradhaban		DATE 14/11/2023	
		3D CAD FILE (SAP DOC # - TYPE - VERSION #)		THIRD ANGLE PROJECTION	
		PART NAME (SAP 3D CAD DIR DESCRIPTION)		DRAWING NUMBER (SAP DOC # - TYPE - VERSION #)	
		SHT 1		OF 13	
		SIZE D		SCALE 1:50	
				REVISION	
				AA	

CABIN WELDMENT CUT LIST



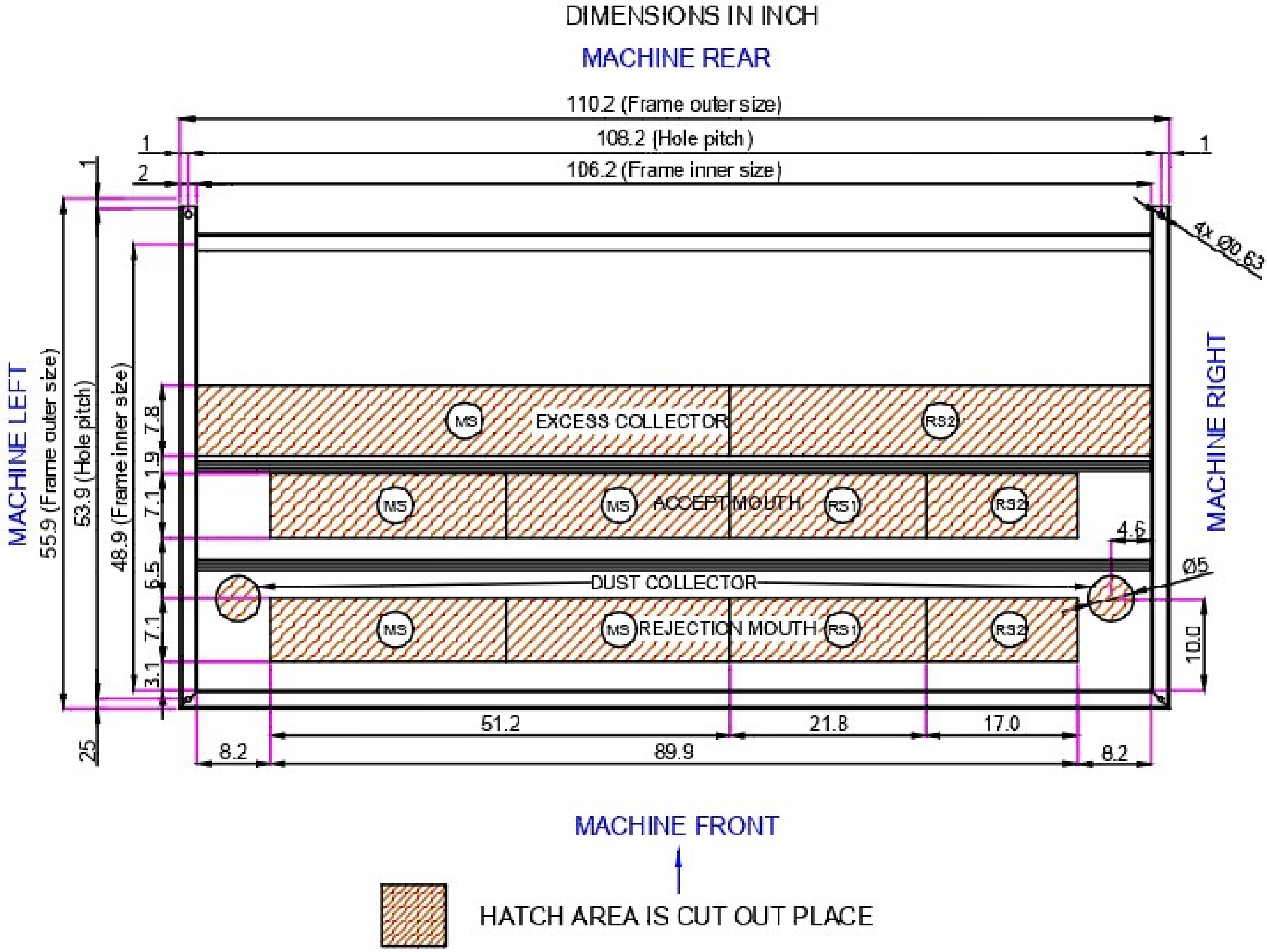
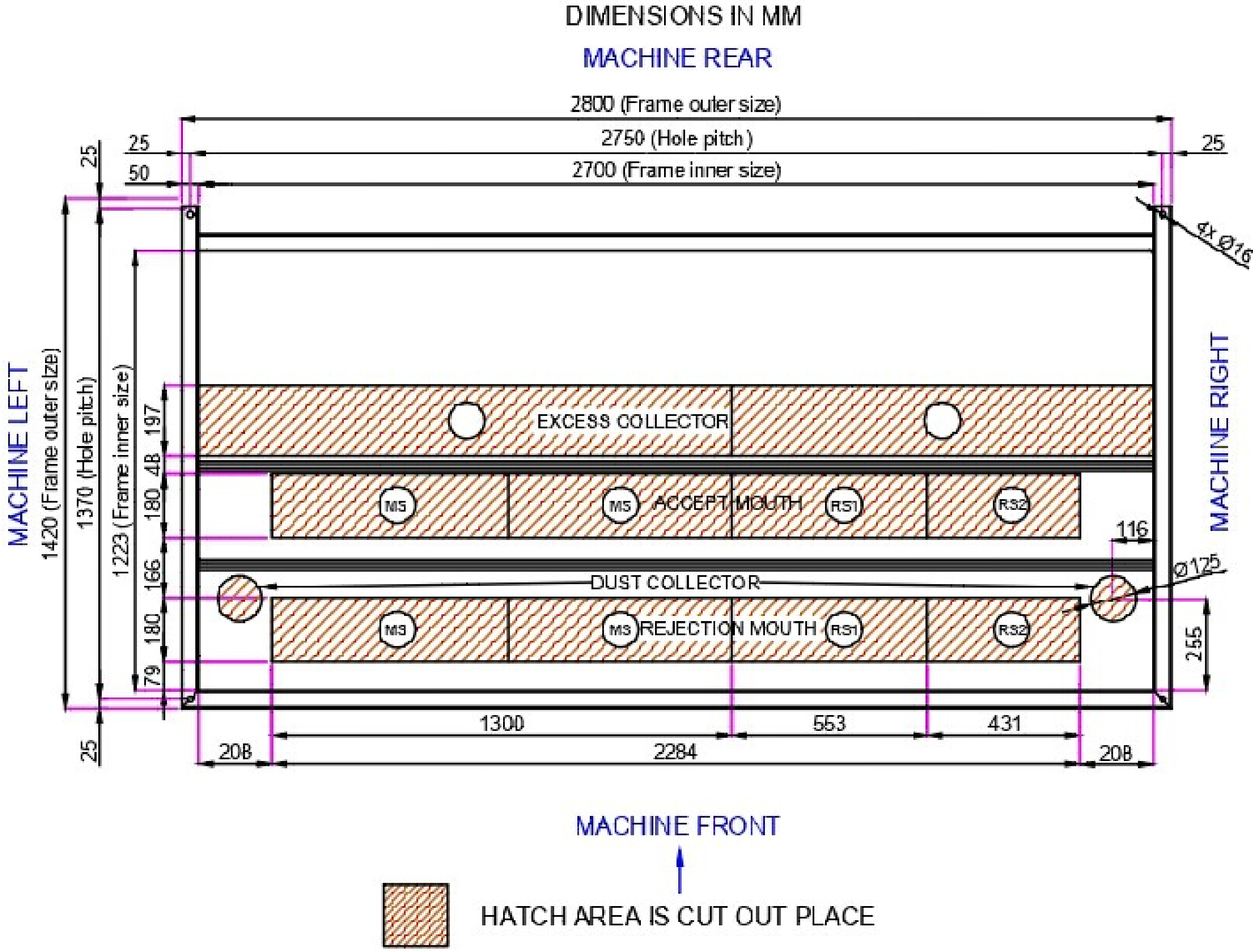
ITEM NO.	Length in mm	Length in inch	Qty
100x100 - 6 thik mm - i channel 4x4 - 0.25 thik inch - i channel			
1	4622	182	4
100x100 - 5thik mm - Sq tube 4x4 - 0.25thik inch - Sq tube			
2	2848	112.1	2
3	4161	163.8	4
4	1173	46.2	2
5	737	29.0	4
100x50 - 5thik mm - Rec tube 4x2 - 0.25thik inch - Rec tube			
6	2848	112.1	2
7	4161	163.8	4
8	1980	78.0	2
9	668	26.3	2
10	610	24.0	2
11	610	24.0	1
50x25 - 3 thik mm - Rectangular pipe 2x1 - 0.12 thik inch - Rectangular pipe			
12	2816	97.0	2
13	275	10.83	8
Ms plate			
14	300x300x12	12x12x0.5	4



NOTE:THE STRUCTURE AND BOM SHOWN ABOVE ARE FOR REFERANCE PURPOSE ONLY, FABRICATION CAN BE DONE AS PER REQUIREMENT

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UNSPECIFIED TOLERANCES ARE: LINEAR: $\pm 1.0\text{mm}$ ANGULAR: $\pm 0.5^\circ$		THE INFORMATION CONTAINED IN THIS DOCUMENT IS PROPRIETARY INFORMATION OF Swan Sorter systems PVT.LTD. INDIA AND IS DISCLOSED IN CONFIDENCE. IT IS THE PROPERTY OF Swan Sorter systems PVT.LTD. AND SHALL NOT BE USED, DISCLOSED TO OTHERS OR REPRODUCED WITHOUT THE EXPRESS WRITTEN CONSENT OF AN AUTHORIZED EMPLOYEE OF Swan Sorter systems PVT.LTD. IF WRITTEN CONSENT IS GIVEN BY Swan Sorter, FOR REPRODUCTION IN WHOLE OR IN PART, THIS NOTICE AND THE NOTICE SET FORTH ON EACH PAGE OF THIS DOCUMENT SHALL APPEAR IN ANY SUCH REPRODUCTION IN WHOLE OR IN PART. UNAUTHORIZED EXPORT IS PROHIBITED.	
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GEOMETRIC DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ASME Y14.5M-1994		APPROVED BY: Shijo DATE: 14/11/2023 CHECKED BY: Vinayaka PREPARED BY: Jayapradhaban	
		MATERIAL: 3D CAD FILE (SAP DOC # - TYPE - VERSION #) THIRD ANGLE PROJECTION PART NAME (SAP 3D CAD DIR DESCRIPTION)	
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		REVISION: AA	

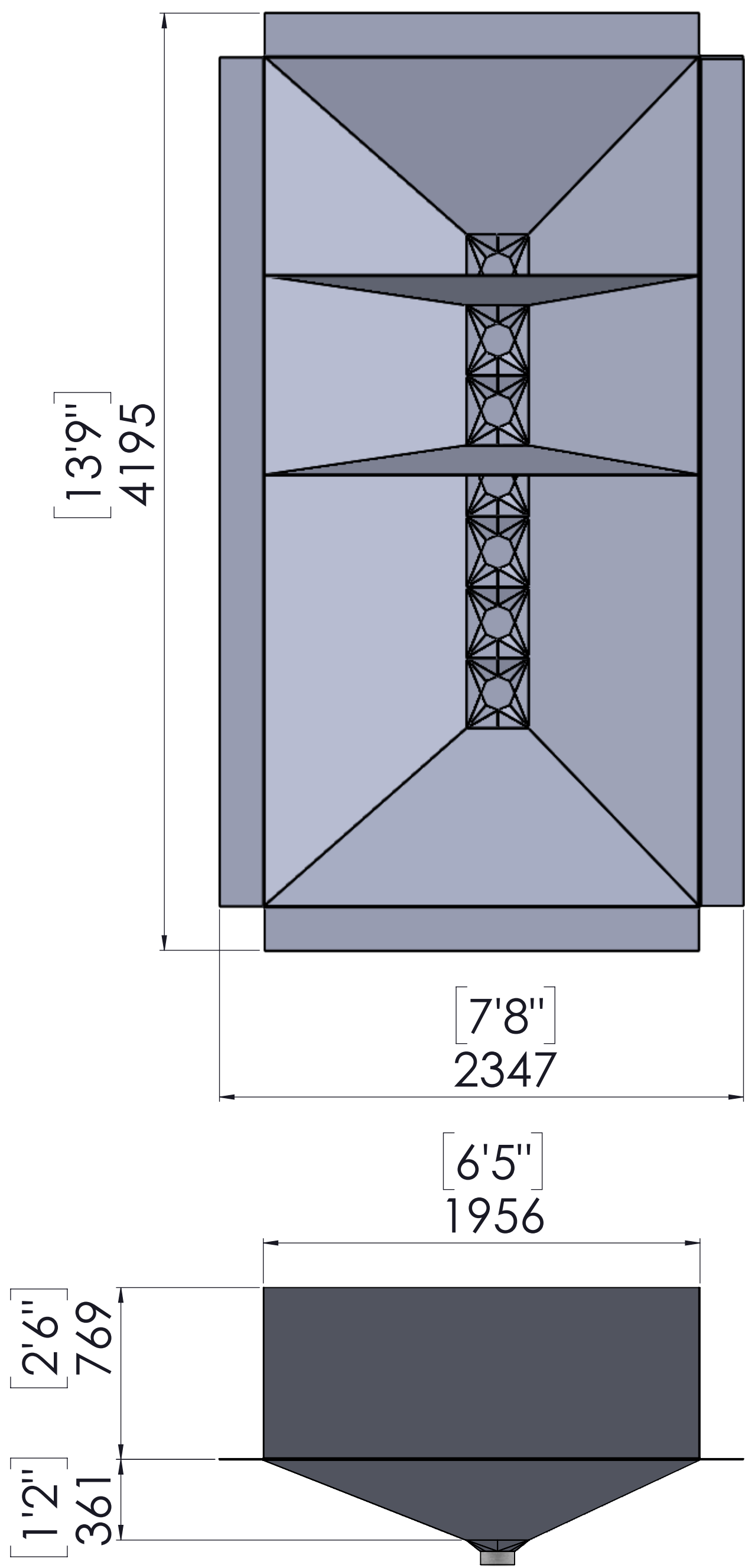
448 CHANNEL REVERSE MACHINE FRAME SIZE



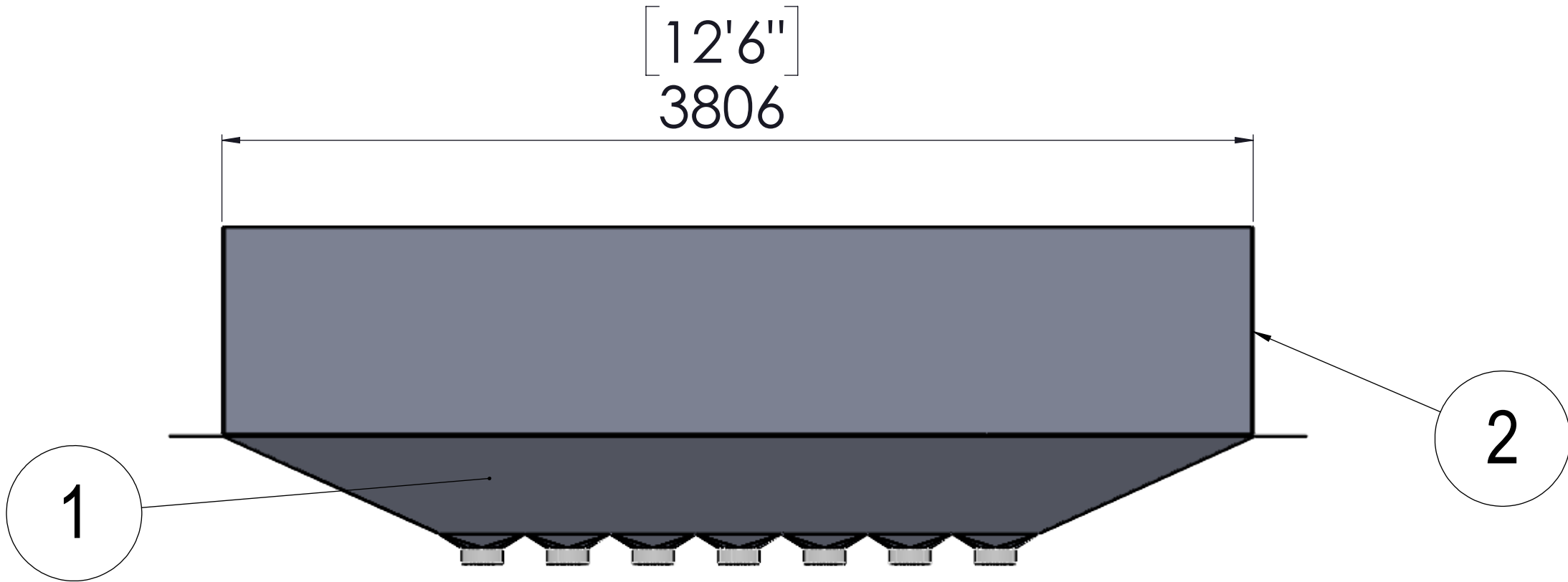
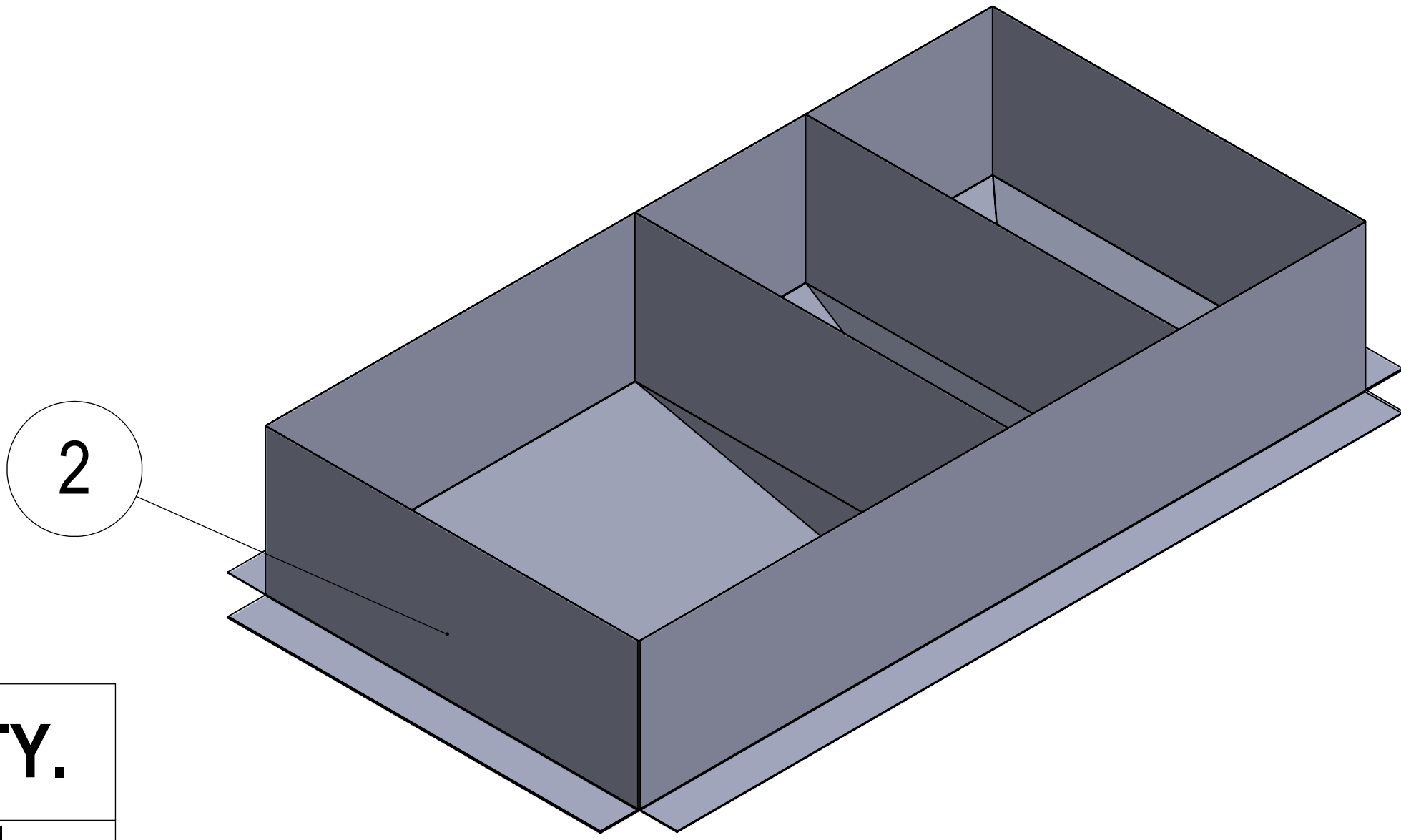
Frame cut out size


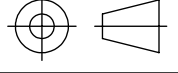

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		MATERIAL: 3D CAD FILE (SAP DOC # - TYPE - VERSION #) THIRD ANGLE PROJECTION PART NAME (SAP 3D CAD DIR DESCRIPTION)	
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		REVISION AA	

STORAGE HOPPER

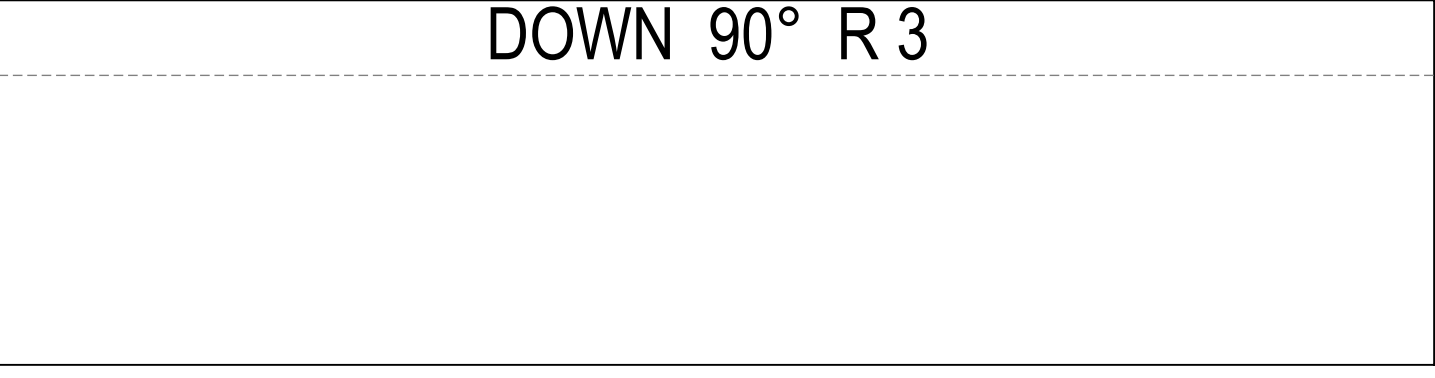
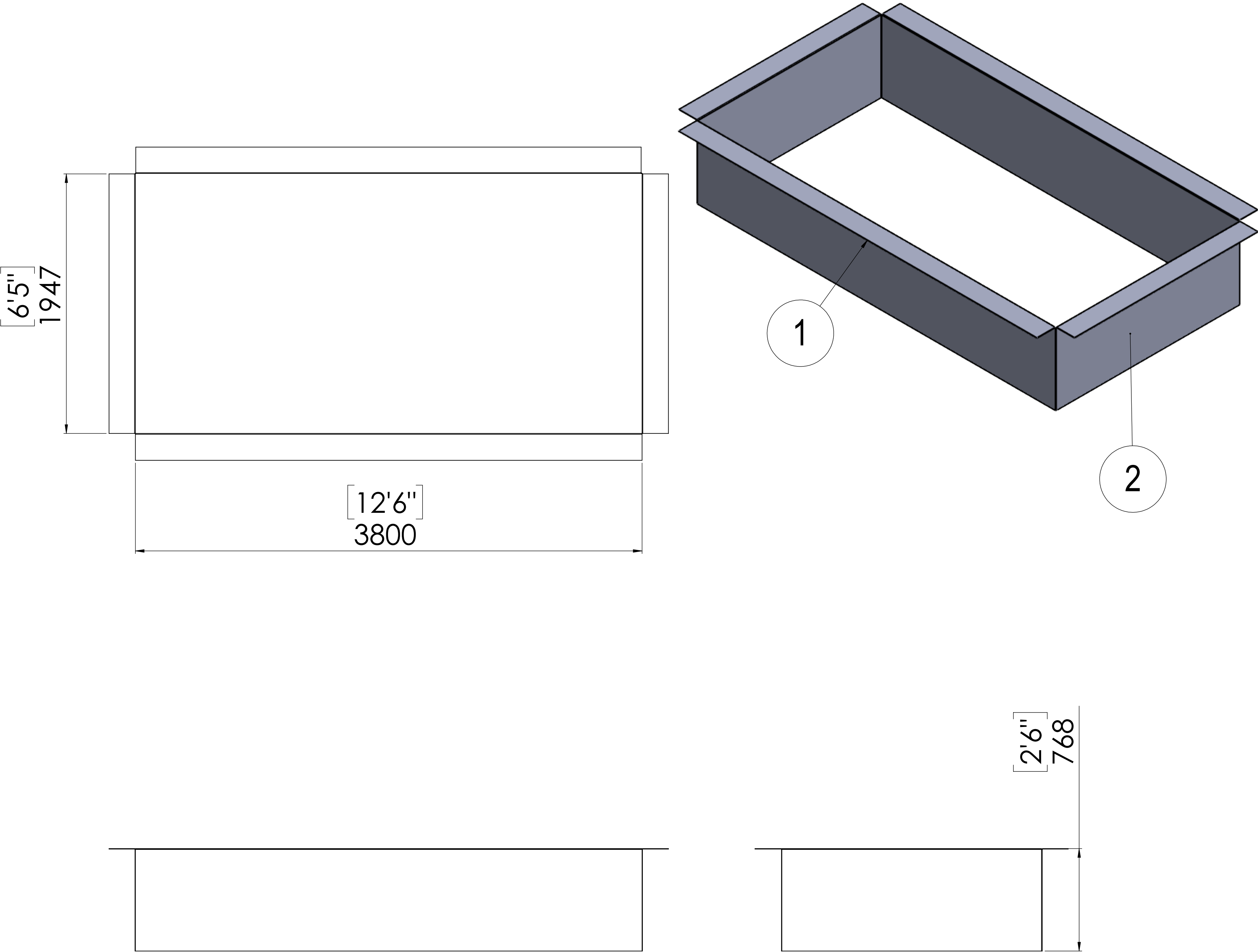


ITEM NO.	DESCRIPTION	QTY.
1	STORAGE HOPPER BOTTOM	1
2	STORAGE HOPPER TOP	1
3	SEPERATOR 2	1
4	PIPE	7
5	PIPE CONNECTOR 1	7
6	SEPERATOR	1

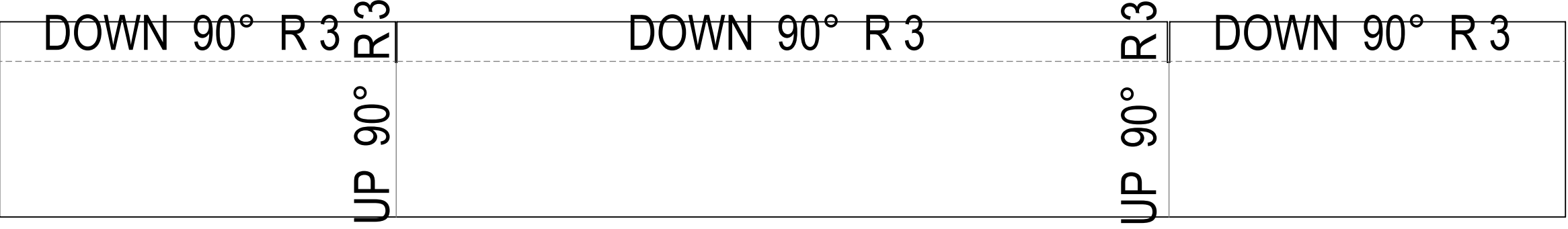


DO NOT SCALE DRAWING. CAD MATHEMATICAL DATA IS MASTER FOR THIS PART UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES UNLESS OTHERWISE SPECIFIED		REVISION AA NOTES: NEW RELEASE	
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GEOMETRIC DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ASME Y14.5M-1994		MATERIAL	
		Approved by : Shijo	DATE 14/11/2023
		Checked by : Vinayaka	
		Prepared by : Jayapradhaban	
		3D CAD FILE (SAP DOC # - TYPE - VERSION #)	THIRD ANGLE PROJECTION 
		PART NAME (SAP 3D CAD DIR DESCRIPTION)	WEIGHT
			DRAWING NUMBER (SAP DOC # - TYPE - VERSION #)
		SHT 5	OF 13
		SIZE D	SCALE 1:20
		REVISION 	

STORAGE HOPPER TOP PART



ITEM NUMBER:1
FLAT PATTERN
SCALE: 1:20

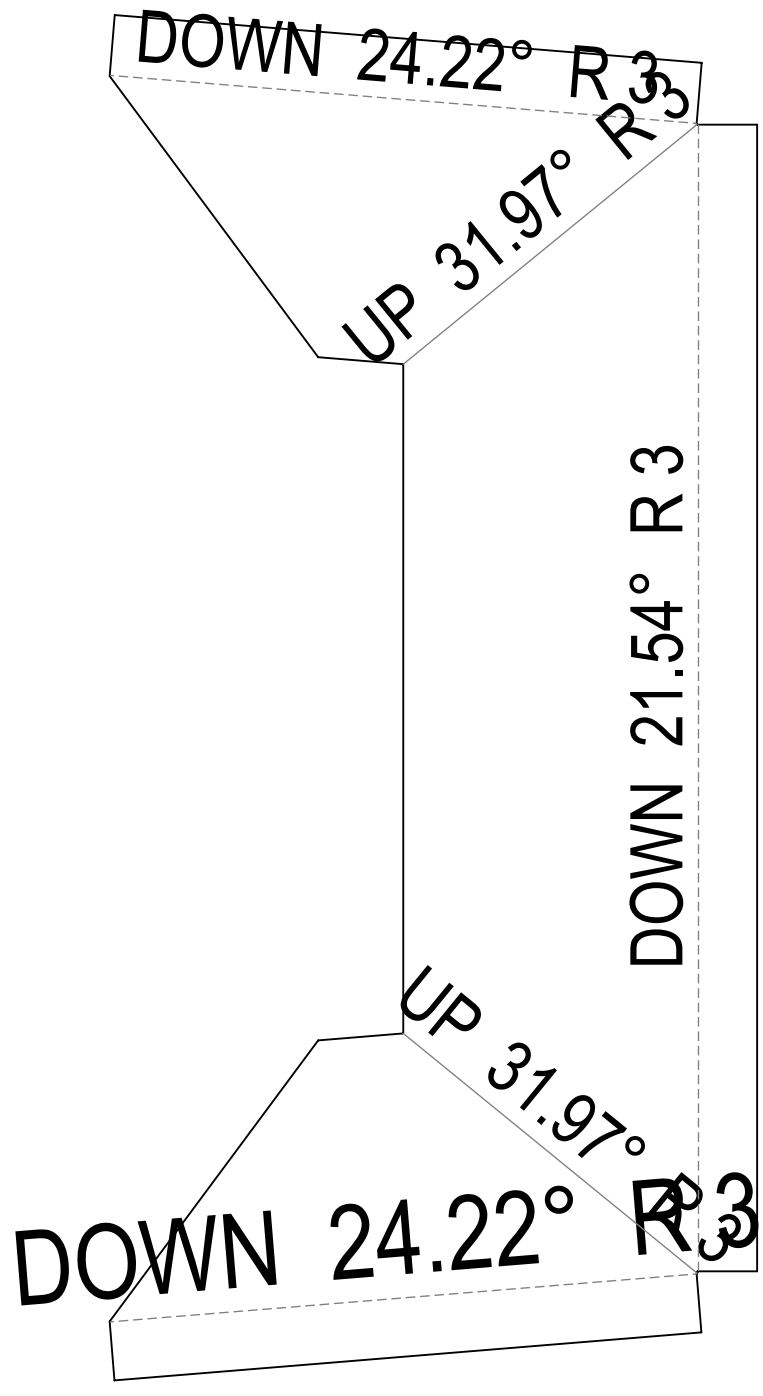
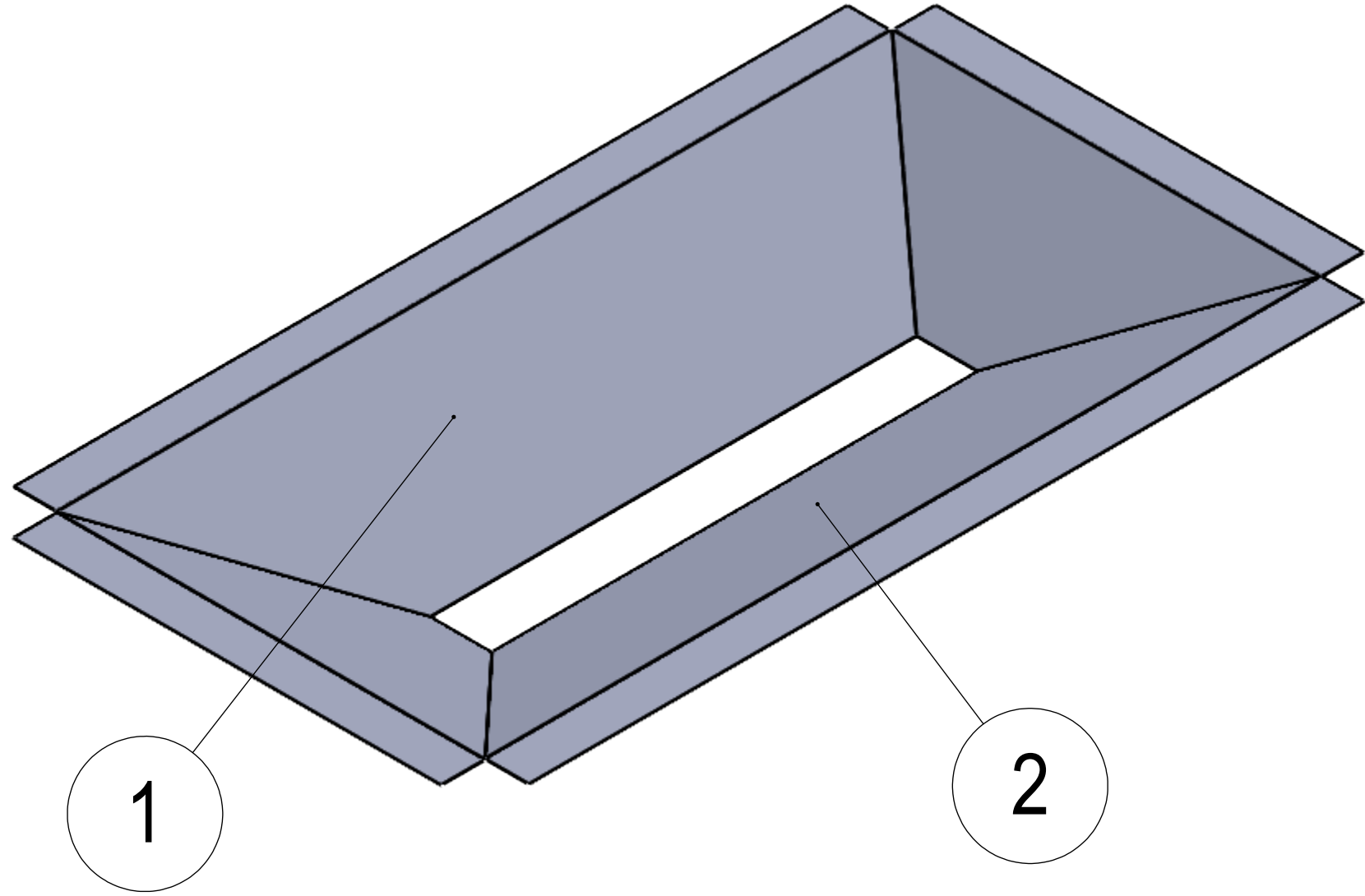
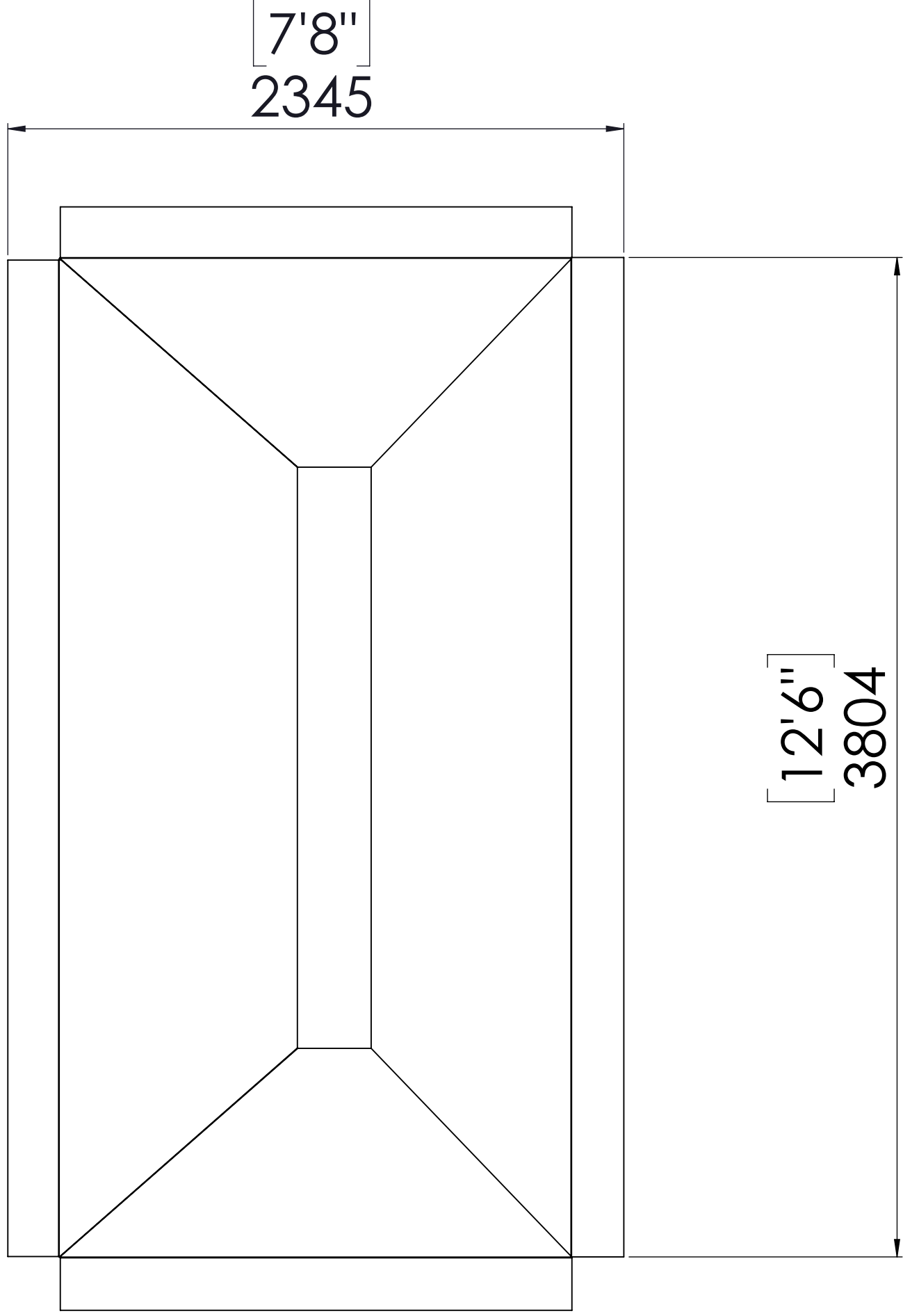


ITEM NUMBER:2
FLAT PATTERN
SCALE: 1:20

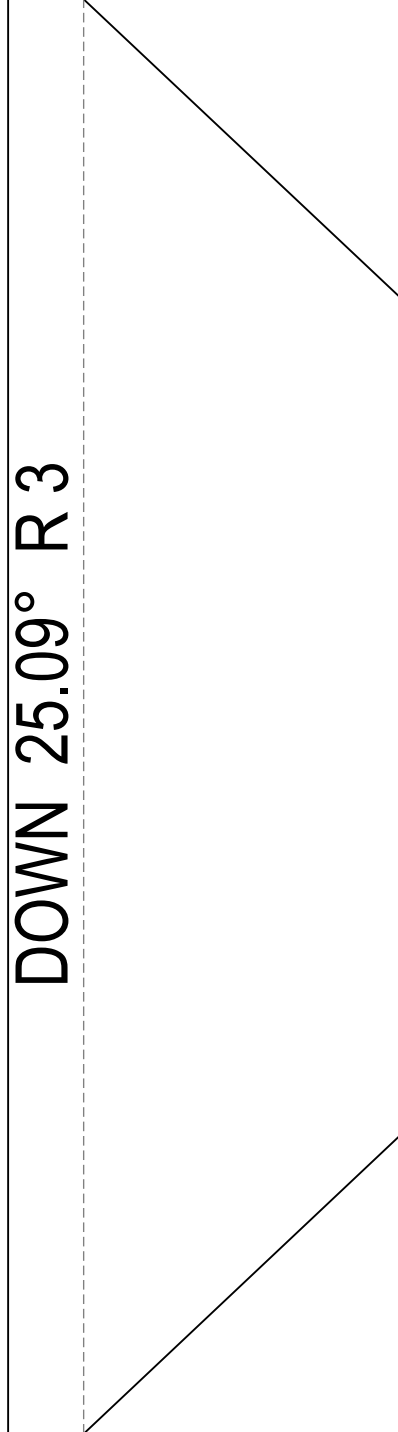
MATERIAL USED- MS
SHEET METAL THICKNESS- 3mm
RECOMENDED BENDING RADIUS- 3mm

DO NOT SCALE DRAWING. CAD MATHEMATICAL DATA IS MASTER FOR THIS PART UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES UNLESS OTHERWISE SPECIFIED				REVISION AA NOTES: NEW RELEASE			
UNSPECIFIED TOLERANCES ARE: LINEAR: $\pm 1.0\text{mm}$ ANGULAR: $\pm 0.5^\circ$				THE INFORMATION CONTAINED IN THIS DOCUMENT IS PROPRIETARY INFORMATION OF Swan Sorter systems PVT.LTD. INDIA AND IS DISCLOSED IN CONFIDENCE. IT IS THE PROPERTY OF Swan Sorter systems PVT.LTD. AND SHALL NOT BE USED, DISCLOSED TO OTHERS OR REPRODUCED WITHOUT THE EXPRESS WRITTEN CONSENT OF AN AUTHORIZED EMPLOYEE OF Swan Sorter systems PVT.LTD. IF WRITTEN CONSENT IS GIVEN BY Swan Sorter, FOR REPRODUCTION IN WHOLE OR IN PART, THIS NOTICE AND THE NOTICE SET FORTH ON EACH PAGE OF THIS DOCUMENT SHALL APPEAR IN ANY SUCH REPRODUCTION IN WHOLE OR IN PART. UNAUTHORIZED EXPORT IS PROHIBITED.			
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GEOMETRIC DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ASME Y14.5M-1994				Approved by : Shijo Checked by : Vinayaka Prepared by : Jayapradhaban		DATE 14/11/2023 3D CAD FILE (SAP DOC # - TYPE - VERSION #) THIRD ANGLE PROJECTION	
				PART NAME (SAP 3D CAD DIR DESCRIPTION)		WEIGHT DRAWING NUMBER (SAP DOC # - TYPE - VERSION #)	
						SHT 6	
						OF 13	
						SIZE D	
						SCALE 1:20	
						REVISION AA	

STORAGE HOPPER BOTTOM

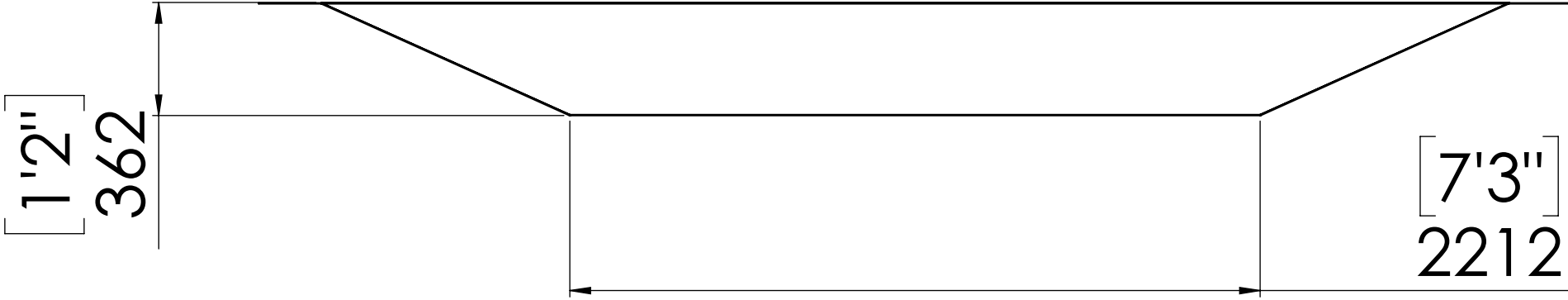
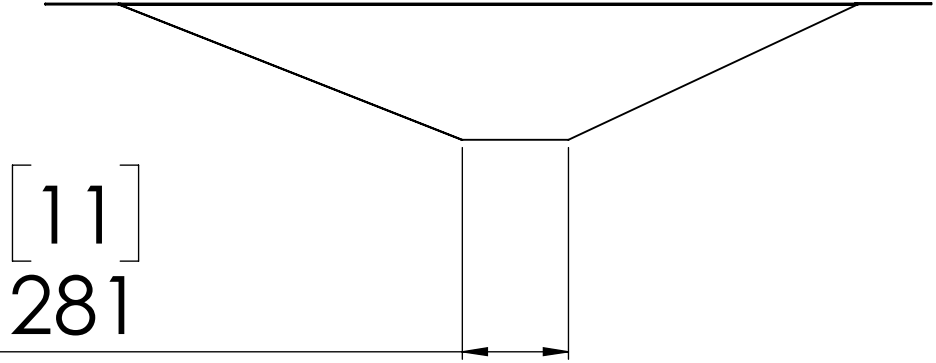


ITEM NUMBER:1
FLAT PATTERN
SCALE: 1:20



ITEM NUMBER:2
FLAT PATTERN
SCALE: 1:20

MATERIAL USED- MS
SHEET METAL THICKNESS- 3mm
RECOMENDED BENDING RADIUS- 3mm



DO NOT SCALE DRAWING. CAD MATHEMATICAL DATA IS MASTER FOR THIS PART UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES UNLESS OTHERWISE SPECIFIED		REVISION AA NOTES: NEW RELEASE			
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GEOMETRIC DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ASME Y14.5M-1994		Approved by : Shijo Checked by : Vinayaka Prepared by : Jayapradhaban		DATE 14/11/2023	
		3D CAD FILE (SAP DOC # - TYPE - VERSION #)		THIRD ANGLE PROJECTION	
		PART NAME (SAP 3D CAD DIR DESCRIPTION)		DRAWING NUMBER (SAP DOC # - TYPE - VERSION #)	
		SHT 7		OF 13	
		SIZE D		SCALE 1:20	
				REVISION	

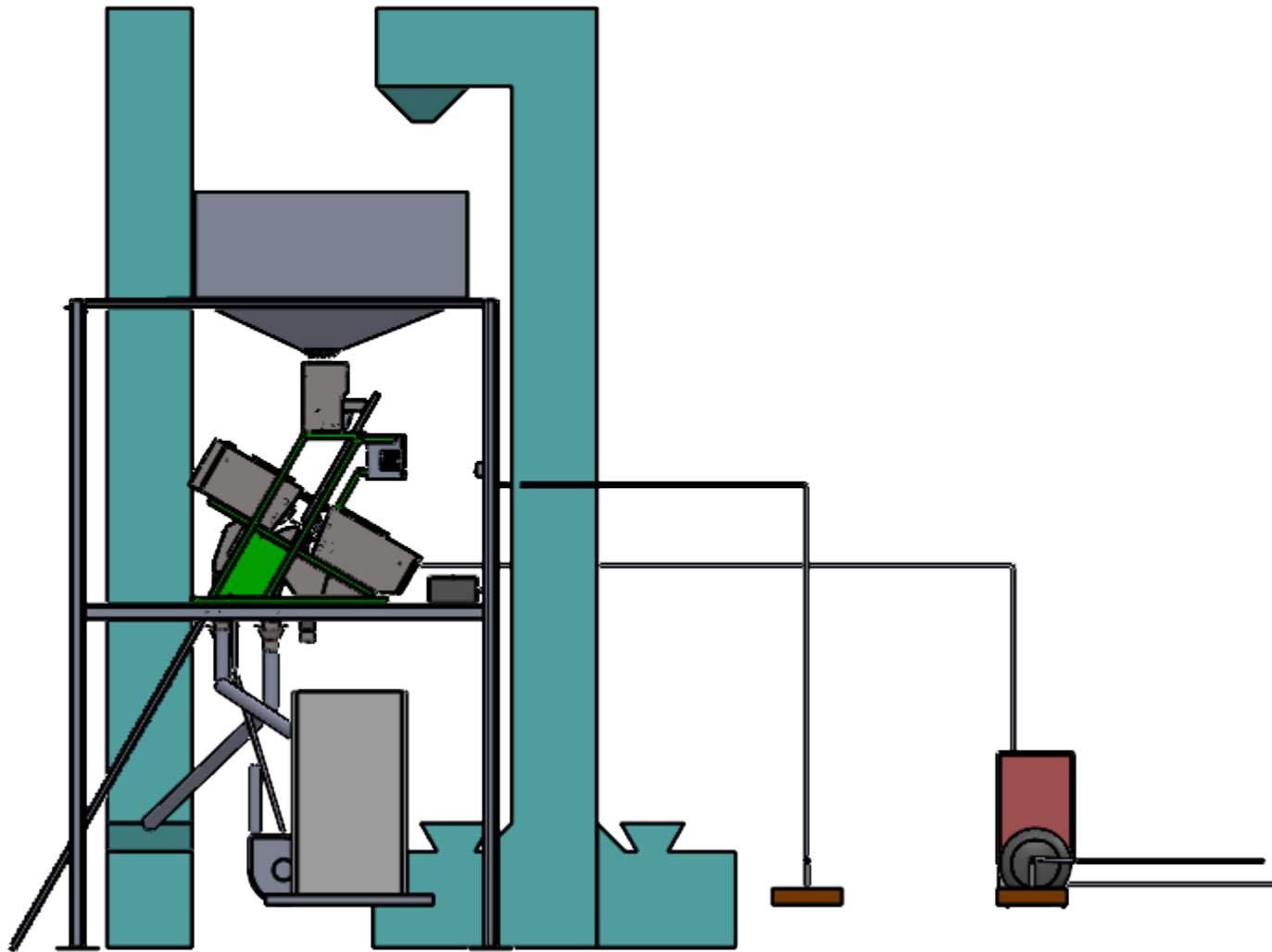
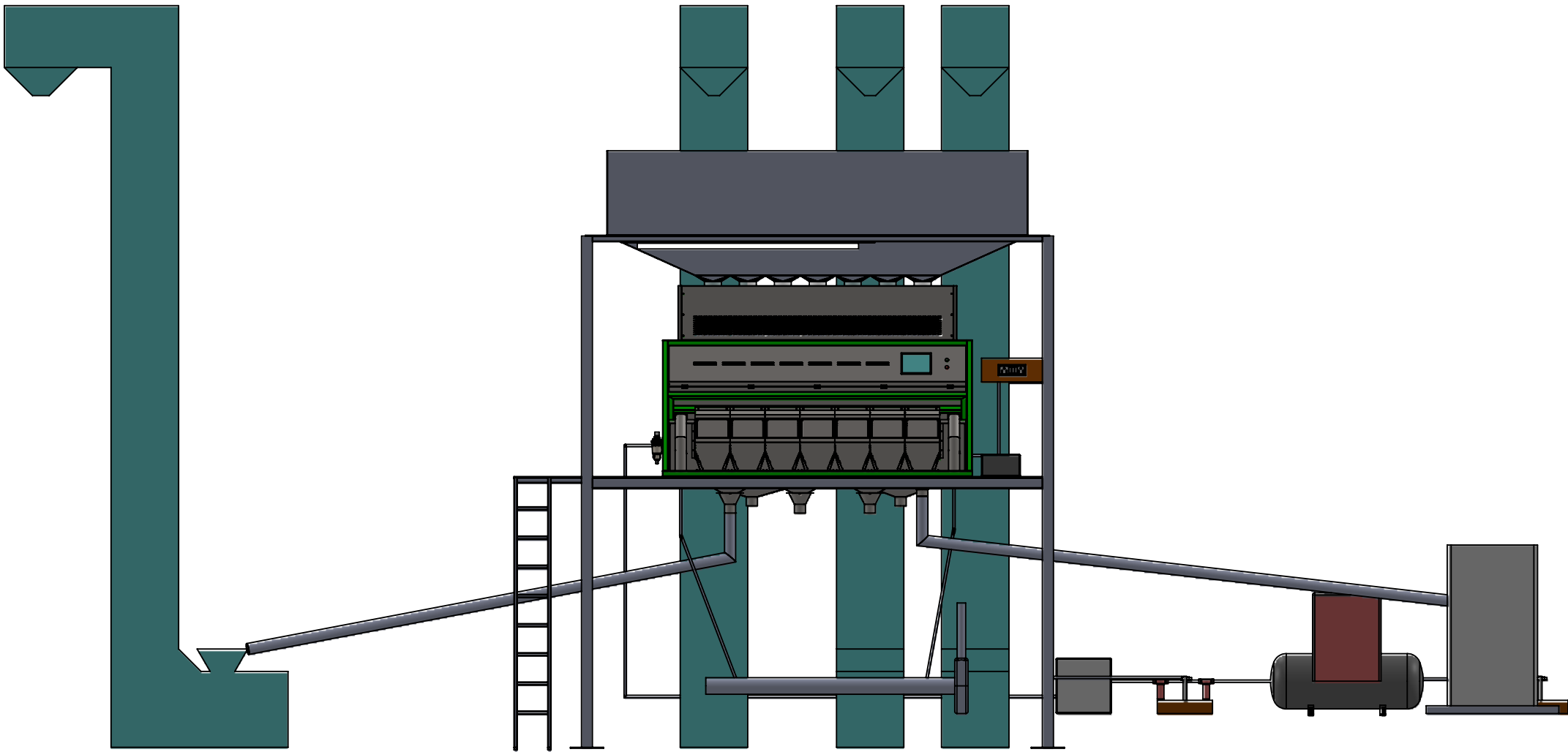
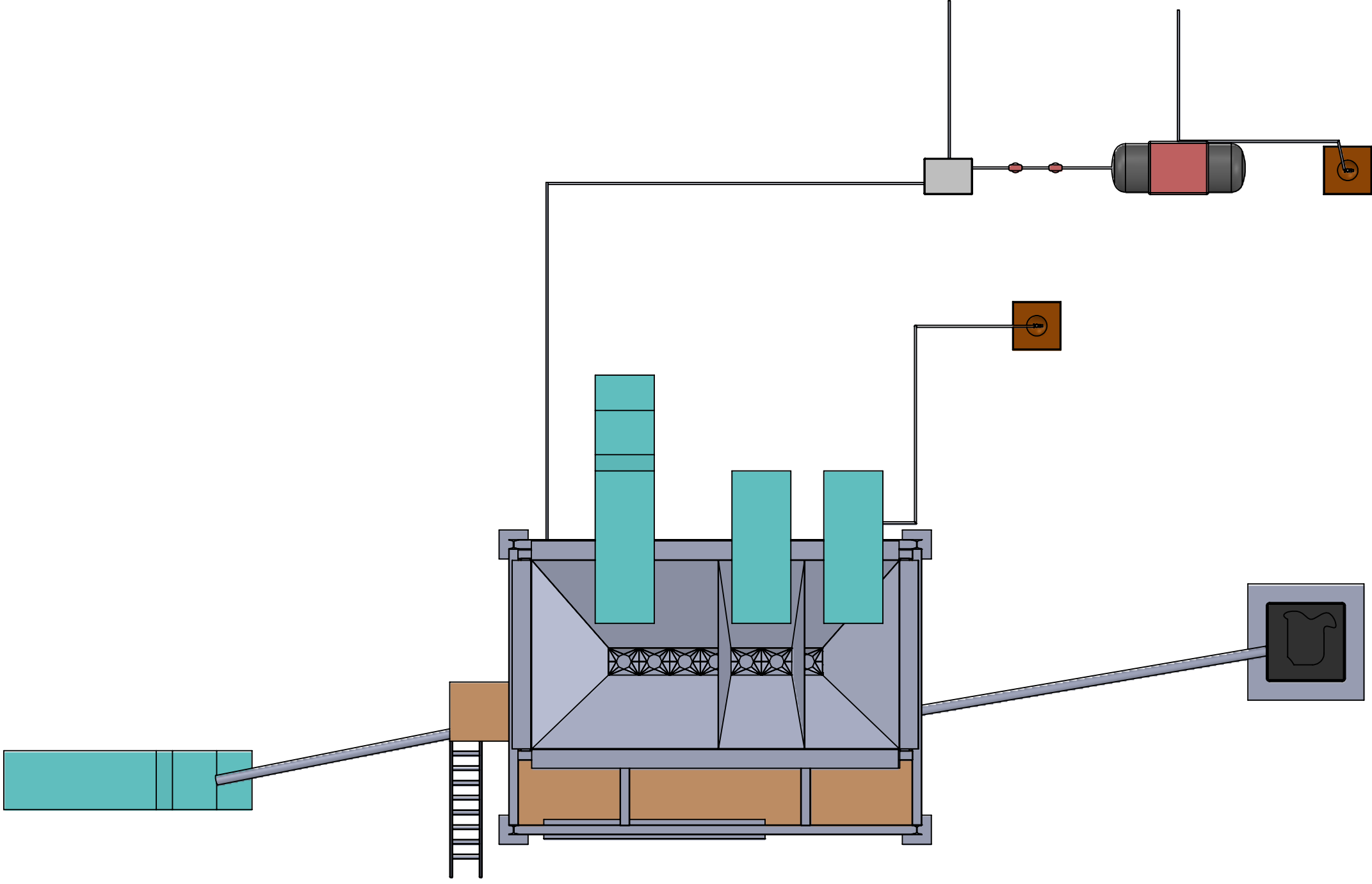
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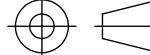

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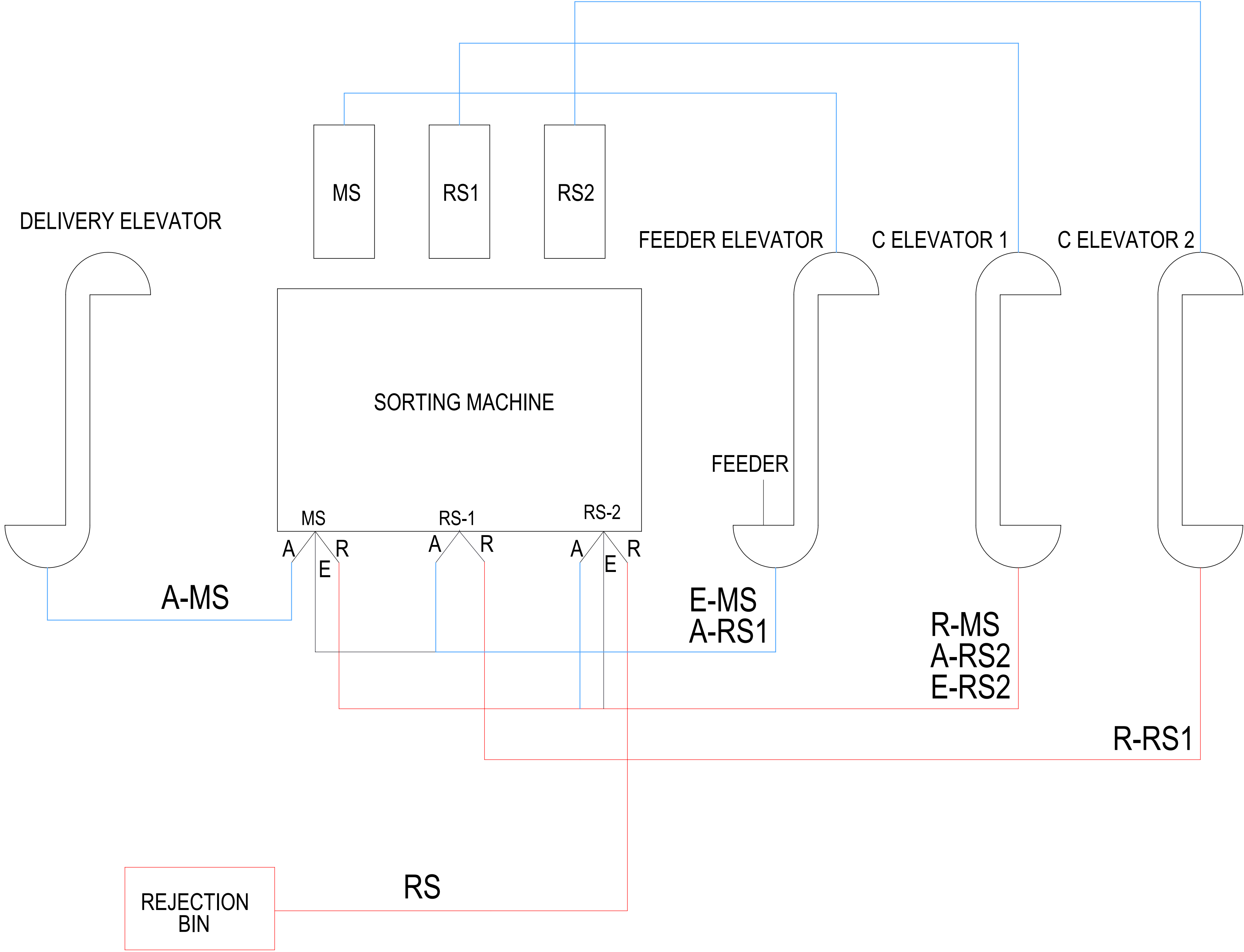
CABIN LAYOUT



NOTE: THE LAYOUT SHOWN ABOVE IS FOR REPRESENTATION PURPOSE ONLY FRAME BASE CUTOUT AND STAIRCASE ARRANGEMENT CAN BE ALTERED AS PER REQUIREMENT. THE LIGHTINGS CAN ALSO BE POSITIONED AS PER CONVINIENCE

DO NOT SCALE DRAWING. CAD MATHEMATICAL DATA IS MASTER FOR THIS PART UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES UNLESS OTHERWISE SPECIFIED		REVISION AA NOTES: NEW RELEASE			
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GEOMETRIC DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ASME Y14.5M-1994		 <div>Approved by : Shijo Checked by : Vinayaka Prepared by : Jayapradhaban</div>		DATE 14/11/2023	3D CAD FILE (SAP DOC # - TYPE - VERSION #)
				THIRD ANGLE PROJECTION 	DRAWING NUMBER (SAP DOC # - TYPE - VERSION #)
				PART NAME (SAP 3D CAD DIR DESCRIPTION)	SHT 9
					OF 13
					SIZE D
					SCALE 1:50
					REVISION
					

CONNECTIONS



- MS- MAIN SORT
RS - RESORT
A-MS- ACCEPTANCE FROM MAIN SORT
R-MS- REJECTION FROM MAIN SORT
E-MS- EXCESS COLLECTOR FROM MAIN SORT
A-RS1 - ACCEPTANCE FROM RESORT 1
R-RS1 - REJECTION FROM RESORT 1
A-RS2 - ACCEPTANCE FROM RESORT 2
R-RS2 - REJECTION FROM RESORT 2
E-RS2 - EXCESS COLLECTOR FROM RESORT 2

- ACCEPTANCE CONNECTION
REJECTION CONNECTION
EXCESS COLLECTOR CONNECTION

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		3D CAD FILE (SAP DOC # - TYPE - VERSION #)		THIRD ANGLE PROJECTION	
		PART NAME (SAP 3D CAD DIR DESCRIPTION)		DRAWING NUMBER (SAP DOC # - TYPE - VERSION #)	
		SHT 10		OF 13	
		SIZE D		SCALE 1:20	
				REVISION	
				AA	

Customer Specifications

Customers needs to purchase seperately below mentioned equipments with mentioned specifcations

COMPRESSOR SPECIFICATIONS

- 1. 3PHASE 40HP (25HP or 40HP CAN BE USED DEPENDING ON THE LOADS)
- 2. 63A MCB TO BE USED
- 3. COMPRESSOR MUST BE OPERATED AT 2 TO 6 BAR PRESSURE
- 4. AIR CONSUMPTION 500 litres per minute DEPENDING ON THE LOAD
- 5. FREE VENTILATION MUST BE PROVIDED
- 6. COMPRESSOR MUST BE GROUNDED
- 7. AIR LINE CONNECTION 3/4" OR 1" PIPE CPVC OR GI PIPE
- 8. MACHINE TO AIR LINE HOSE PIPE - 3/4" OR 1"

STORAGE HOPPER SPECIFICATIONS

- 1. REFER DRAWINGS FOR DIMENTIONS
- 2. 4.2+ METER CUBE STORAGE CAPACITY
- 3. 5000+ kilograms OF GROUNDNUT CAN BE ACCOMODATED IN THE HOPPER (THE VALUES MAY VARY SIGNIFICANTLY AS THE DENSITY OF THE GRAIN DEPENDS ON IT'S MOISTURE CONTENT)
- 4. THE SEPERATORS CAN BE POSITIONED AS PER REQUIREMENT BUT A MINIMUM OF 2 FEET GAP IS RECOMENDED

DUST BLOWER SPECIFICATIONS

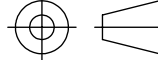

- 1. 4inch PIPES TO BE USED TO CONNECT THE DUST BLOWER.
- 2. 3HP DUST BLOWER TO BE USED

CONNECTING CABLE SPECIFICATIONS

- 1. 3 PHASE CABLE FOR COMPRESSOR
- 2. SINGLE PHASE CABLE FOR MACHINE AND AIR DRYER

MACHINE SPECIFICATIONS

- 1. MACHINE CAPACITY: 5-8 TON PER HOUR
- 2. THE MACHINE MUST BE GROUNDED
- 3. CVCF MUST BE USED IF GENERATOR IS USED
- 4. STABILIZER SHOULD NOT BE USED WHILE USING GENERATOR
- 5. COMPRESSOR TO MACHINE 1 inch \varnothing PIPE

DO NOT SCALE DRAWING. CAD MATHEMATICAL DATA IS MASTER FOR THIS PART UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES UNLESS OTHERWISE SPECIFIED		REVISION AA NOTES: NEW RELEASE			
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		3D CAD FILE (SAP DOC # - TYPE - VERSION #)		THIRD ANGLE PROJECTION 	
		PART NAME (SAP 3D CAD DIR DESCRIPTION)		DRAWING NUMBER (SAP DOC # - TYPE - VERSION #)	
				SHT 11 OF 13 SIZE D SCALE 1:50	
					

Maintenance

Daily maintenance

- 1.Clean the full machine before switch on
- 2.Clean the Front and back Camera box glass
- 3.Maintain Air pressure in gauge is 3 to 5 bar based on material
- 4.Remove water in compressor before switch on
- 5.Clean solinoid valve in FRL unit area
- 6.Maintain FRL air pressure in 2.5 to 3 bar

Weekly maintenance


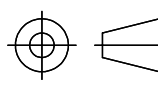

- 1. Electrical box fan dust filter clean

Quarterly maintenance

- 1.Change compressor oil for every 2000 hrs
- 2.General check up for compressor and dryer from purchased source

Yearly maintenance

- 1.Change filter in FRL Unit

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GEOMETRIC DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ASME Y14.5M-1994		<div><div></div><div><div>Approved by : Shijo</div><div>Checked by : Vinayaka</div><div>Prepared by : Jayapradhaban</div></div><div><div>DATE 14/11/2023</div></div></div>		THIRD ANGLE PROJECTION 	
		3D CAD FILE (SAP DOC # - TYPE - VERSION #)		DRAWING NUMBER (SAP DOC # - TYPE - VERSION #)	
		PART NAME (SAP 3D CAD DIR DESCRIPTION)		SHT 12	OF 13
				SIZE D	SCALE 1:50
					
				REVISION	

Air pressure



Power on switch

Power off switch

Touch screen

Air pressure gauge


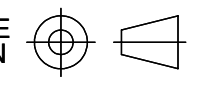
Once power on the machine check the air pressure in digital gauge is between 3 to 5bar. Depending on material it will vary.



Check the air pressure level in FRL unit for wiper and maintain air level at 2.5 to 3 bar



Clean the solinoid valve daily to prevent from jamming

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		MATERIAL 3D CAD FILE (SAP DOC # - TYPE - VERSION #)	THIRD ANGLE PROJECTION 
		PART NAME (SAP 3D CAD DIR DESCRIPTION)	WEIGHT DRAWING NUMBER (SAP DOC # - TYPE - VERSION #)
		SHT 13	OF 13
		SIZE D	SCALE 1:50
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