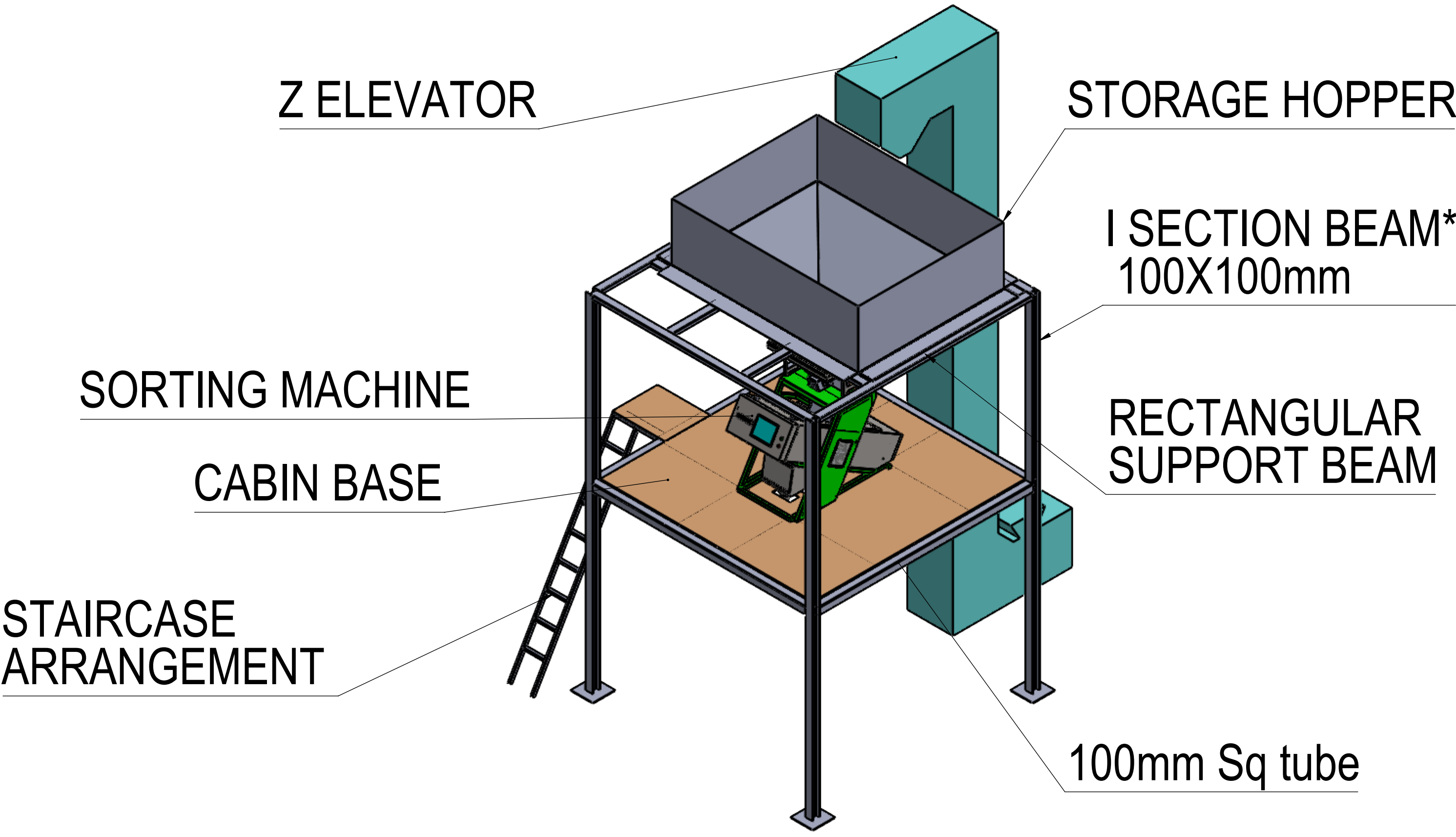
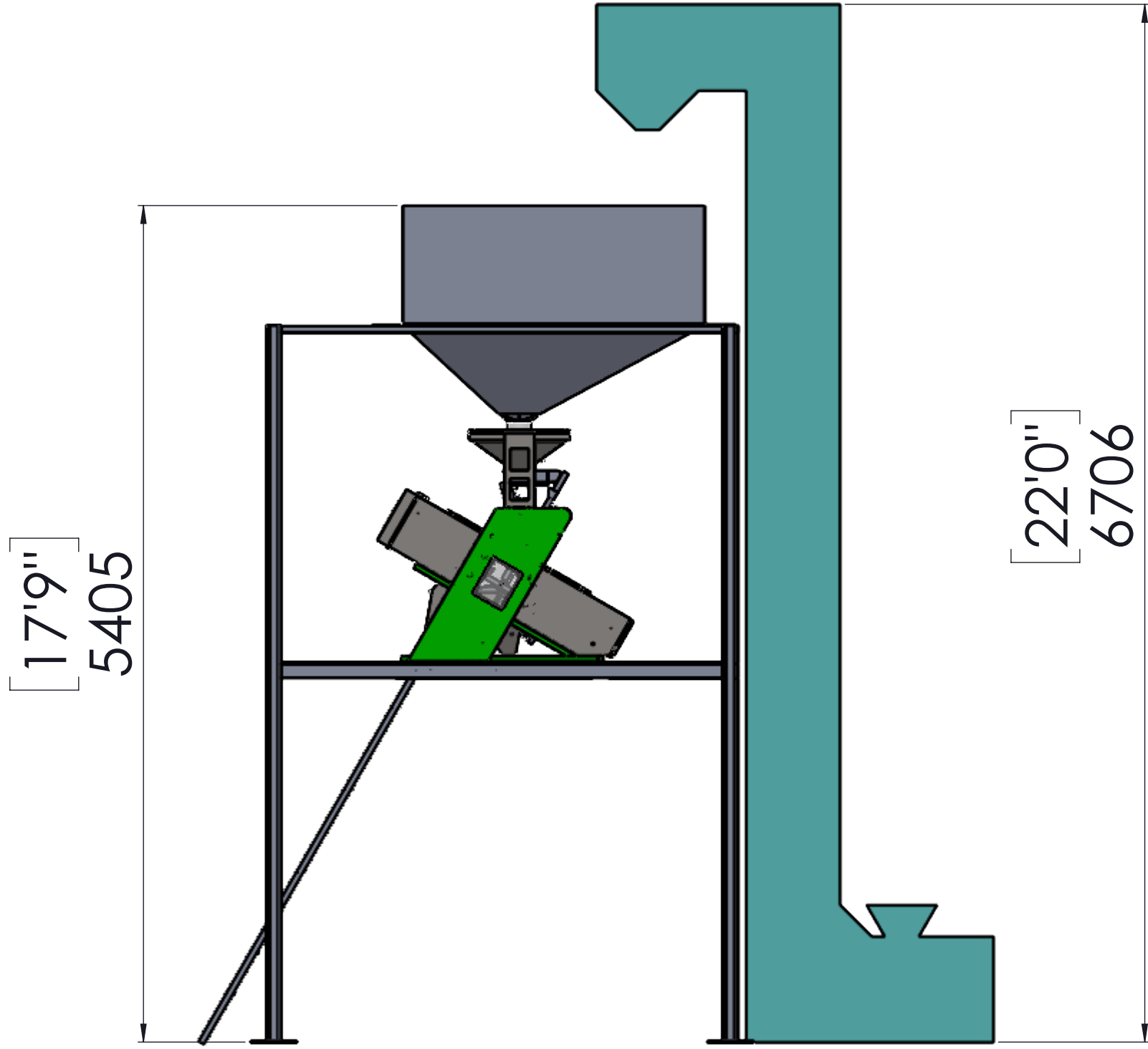
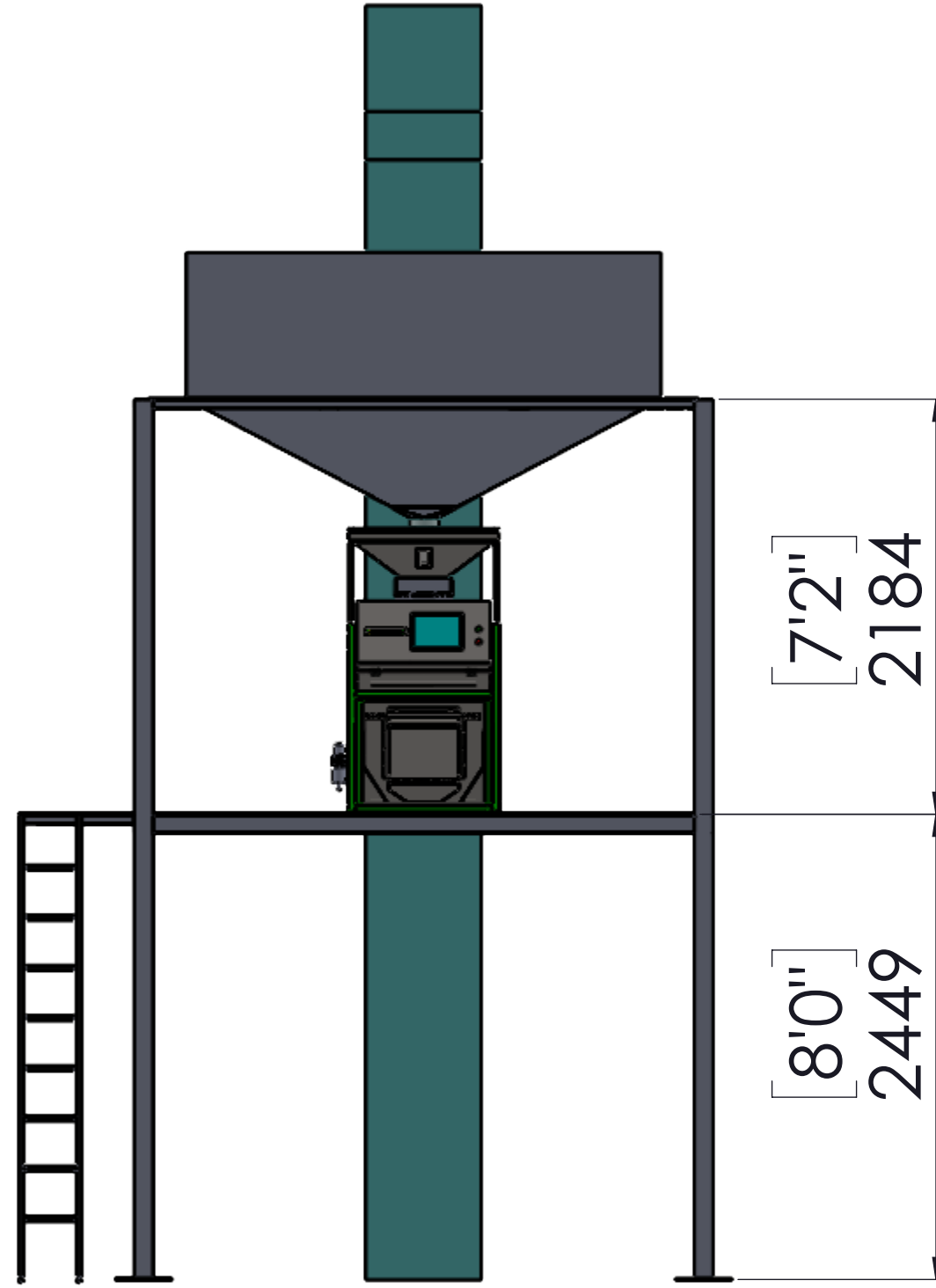
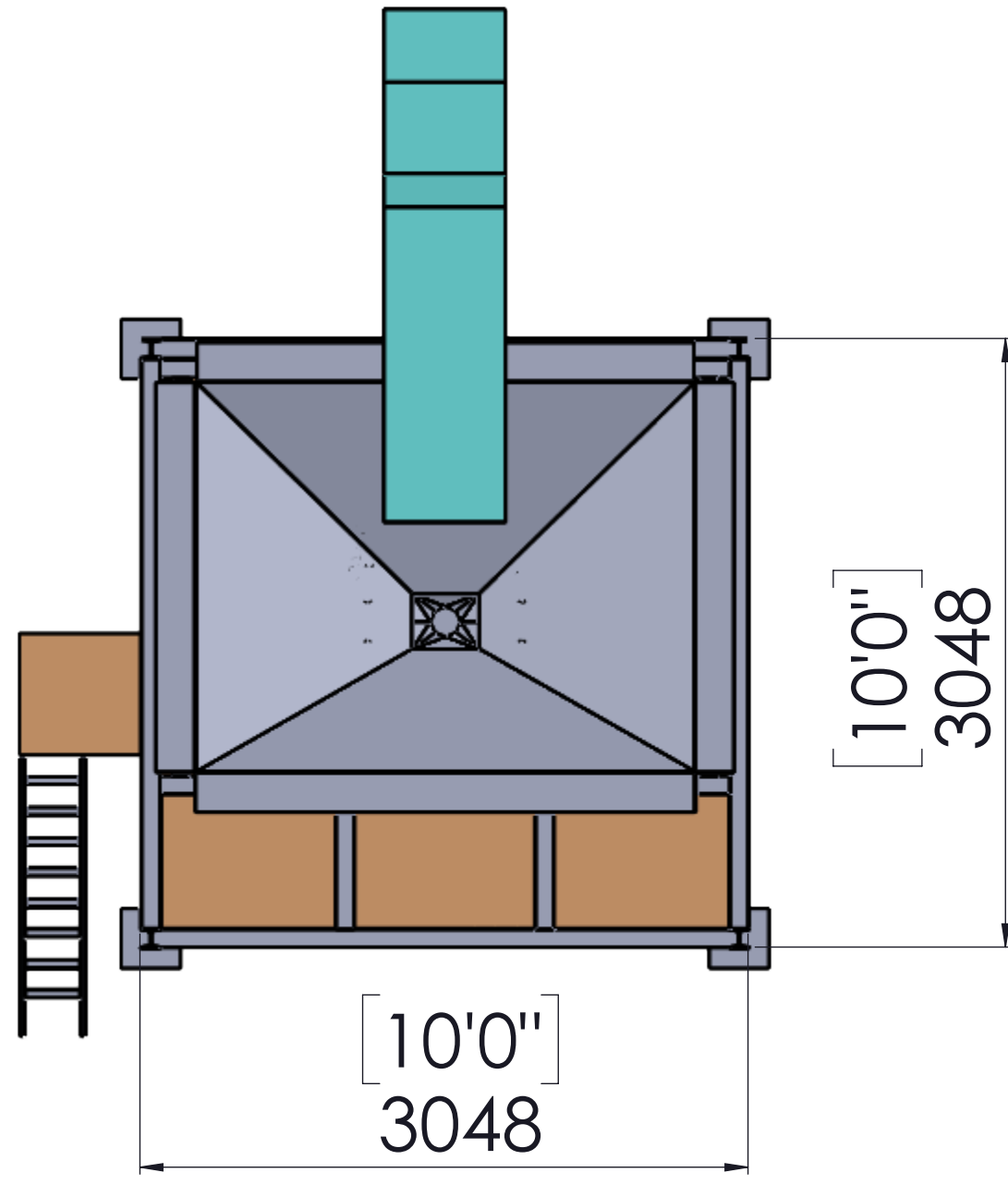


CABIN ARRANGMENT

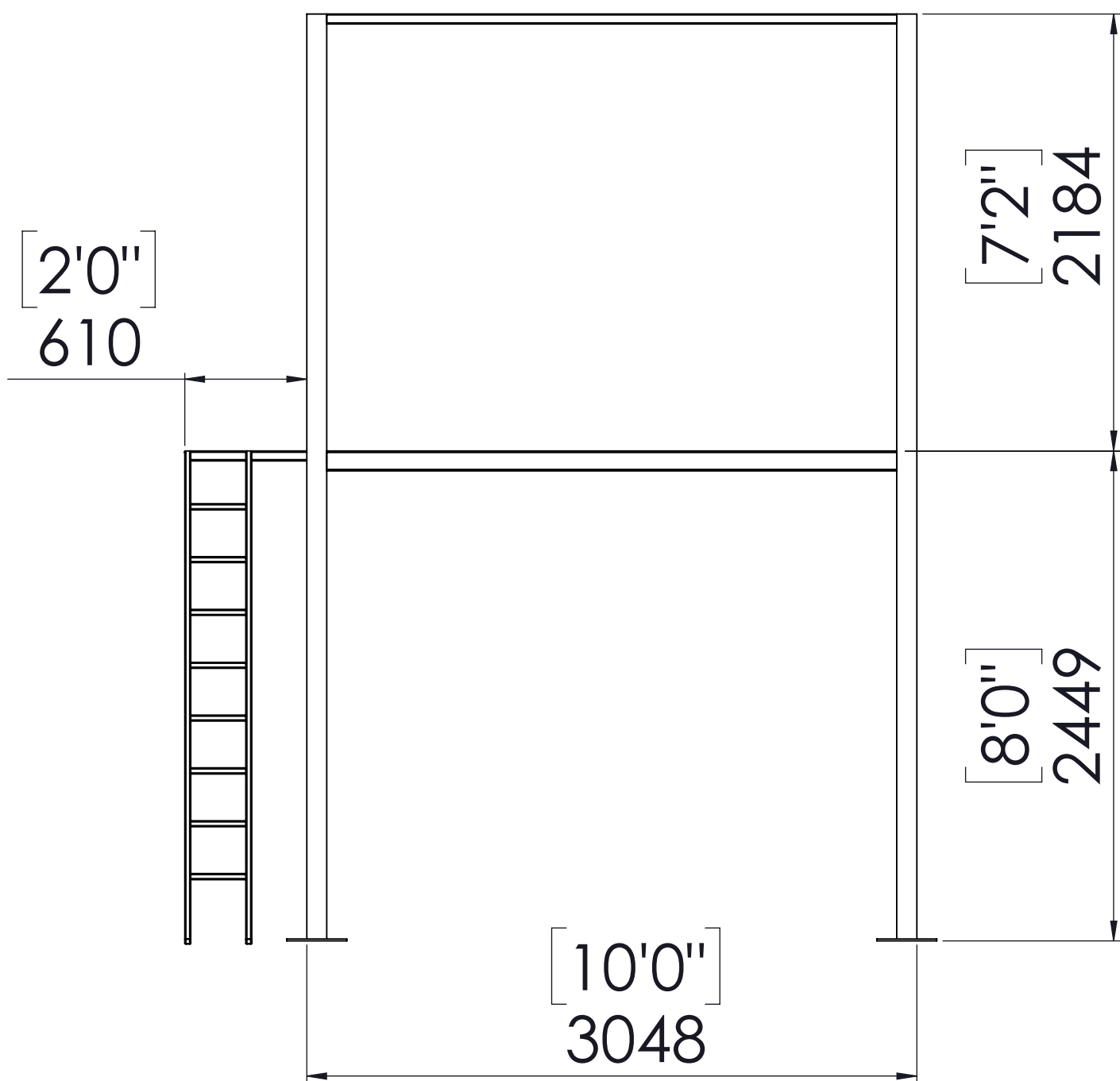
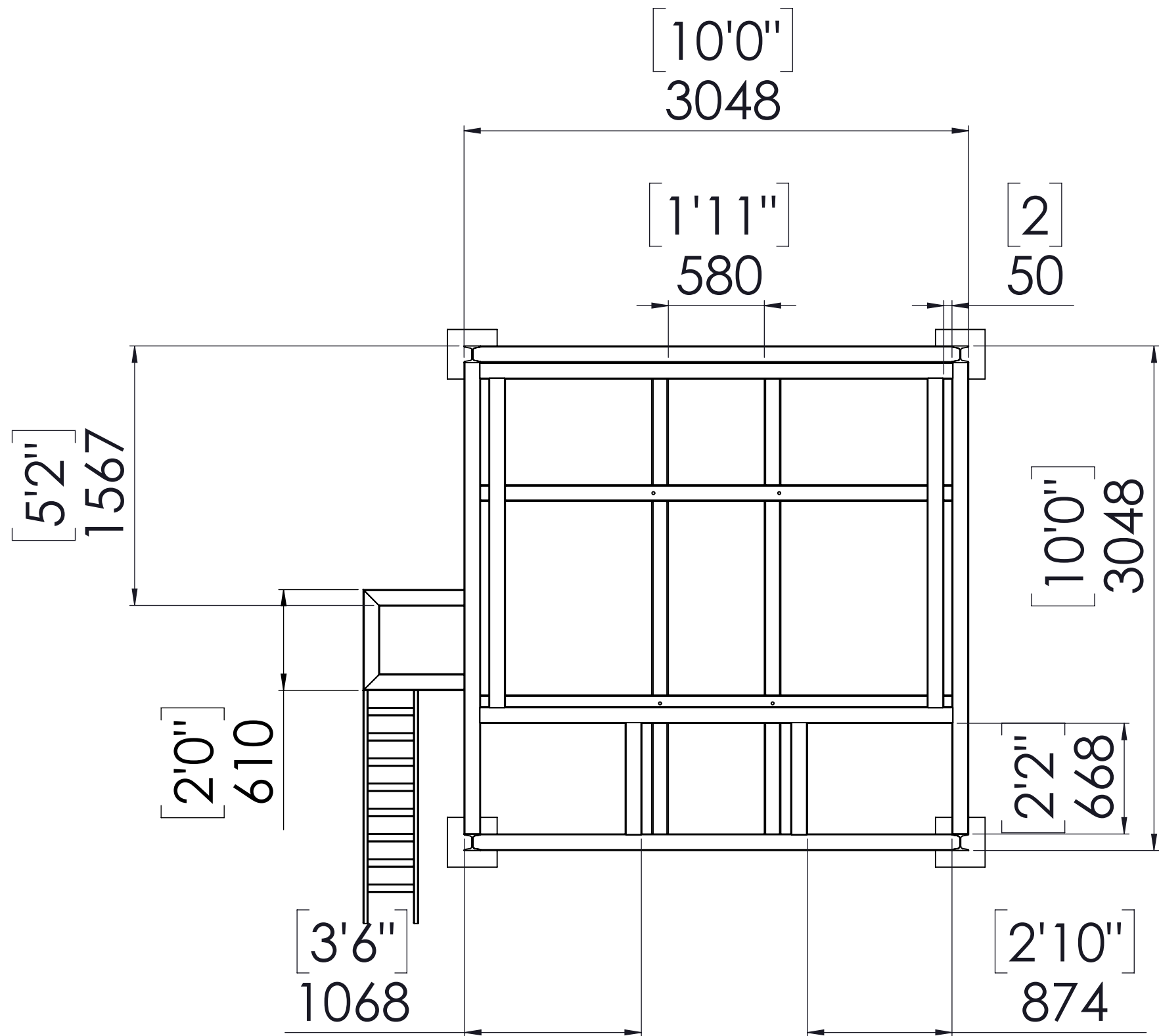


NOTE: ALL PRIMARY DIMENTIONS ARE IN mm,
AND ALL SECONDARY DIMENTIONS ARE
IN FEET AND INCHES

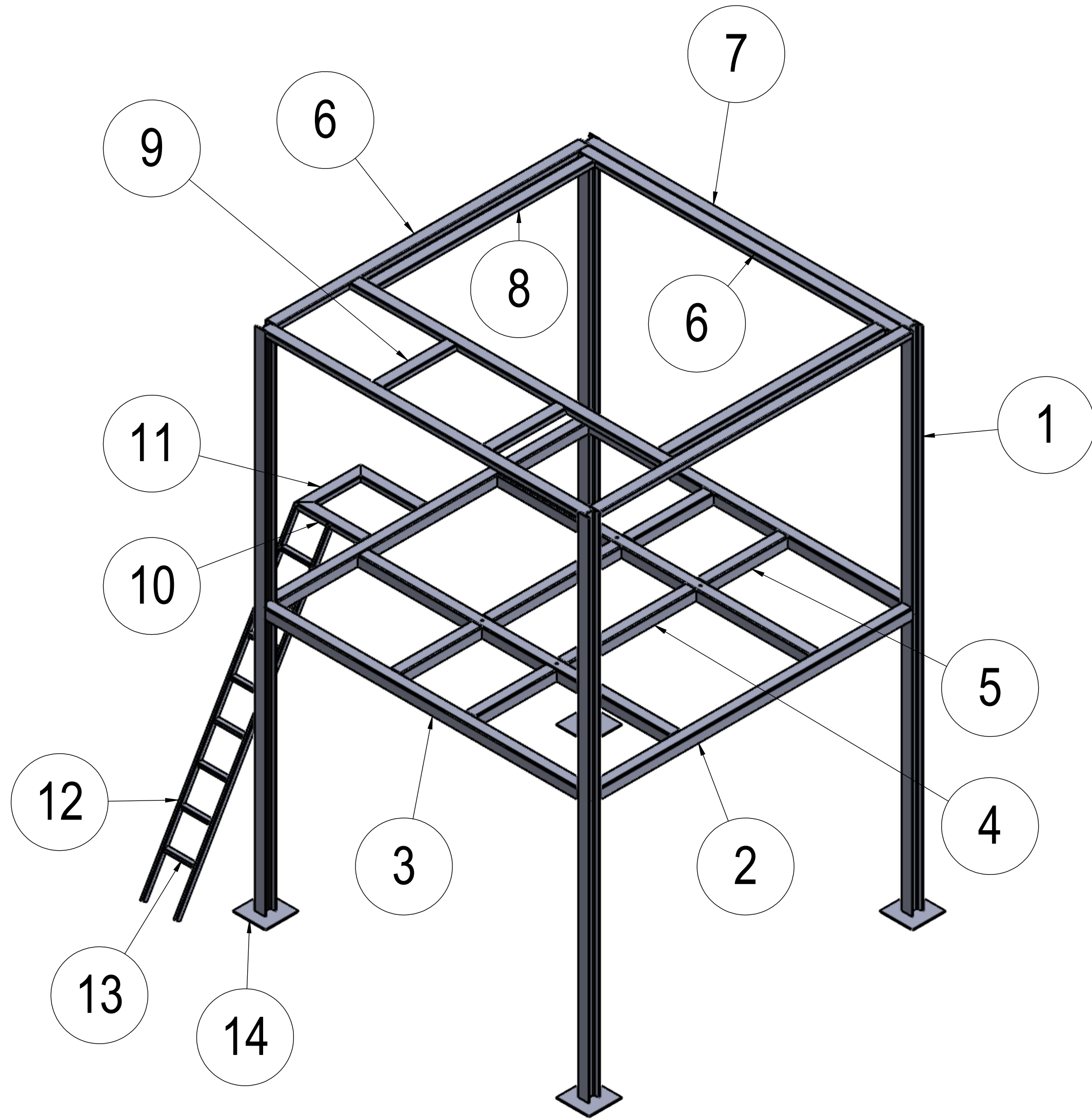
*RECTANGULAR SECTION BEAMS
CAN ALSO BE USED

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			MATERIAL		
			WEIGHT		
			REVISION		
			DRAWING NUMBER (SAP DOC # - TYPE - VERSION #)		
			THIRD ANGLE PROJECTION		
			PART NAME (SAP 3D CAD DIR DESCRIPTION)		
			SHT 1 OF 12 SIZE D SCALE 1:50		
			AA		

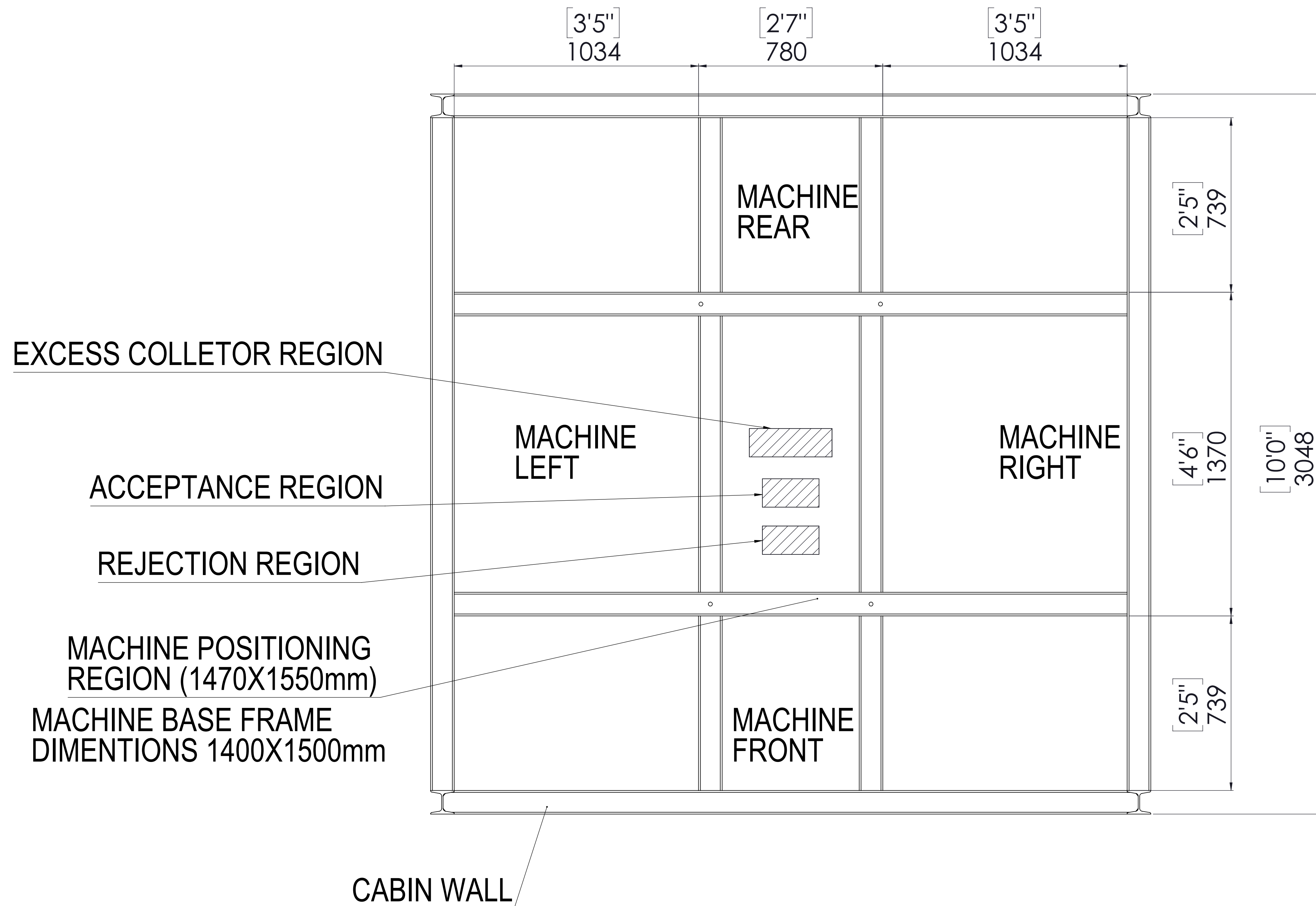
CABIN WELDMENT CUT LIST



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	4
3	2942	115.8	2
4	1170	46.1	2
5	739	29.1	4
100x50 - 5thik mm - Rec tube 4x2 - 0.25thik inch - Rec tube			
6	2848	112.1	4
7	2942	115.8	2
8	1980	78.0	2
7			
8			
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

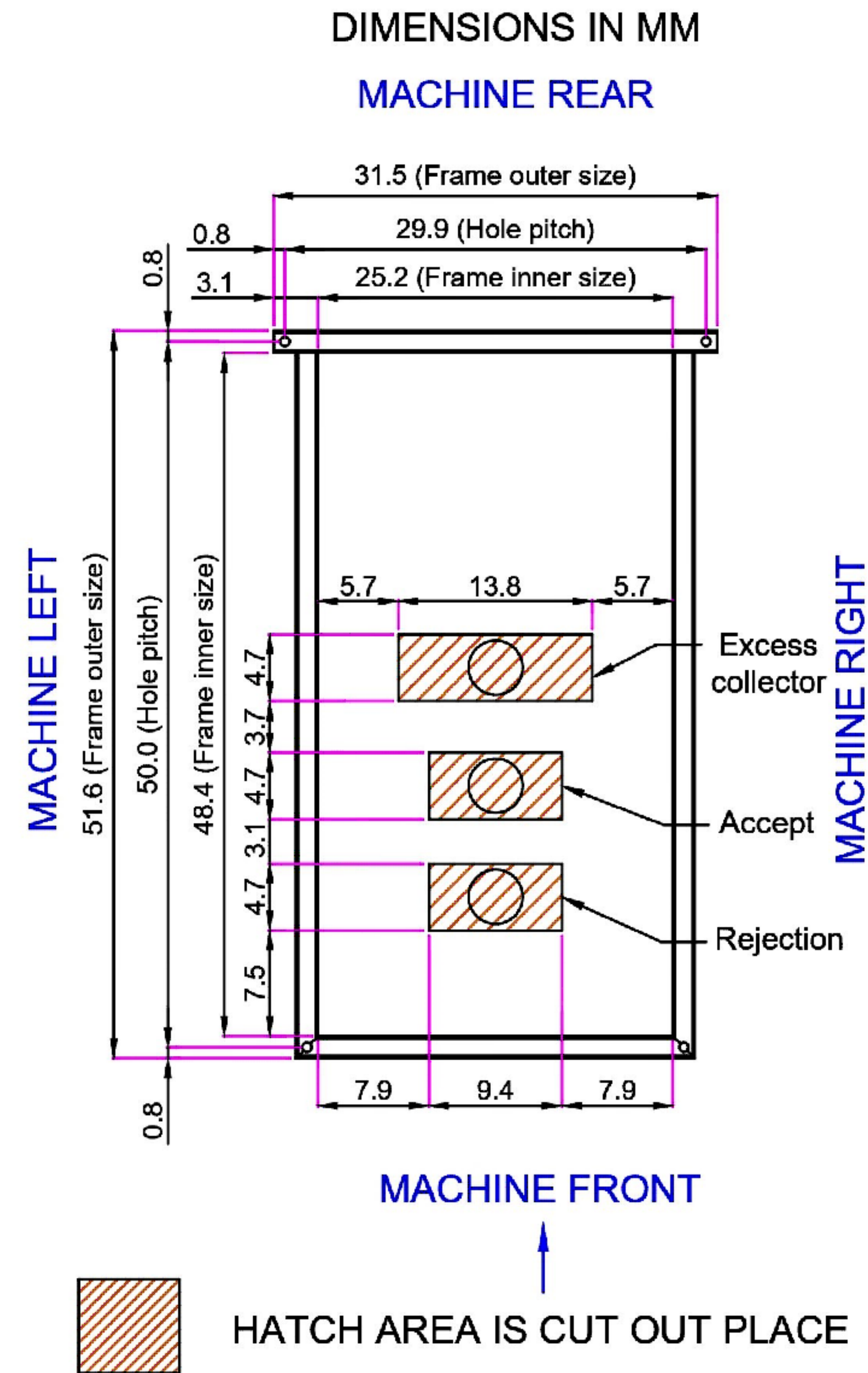
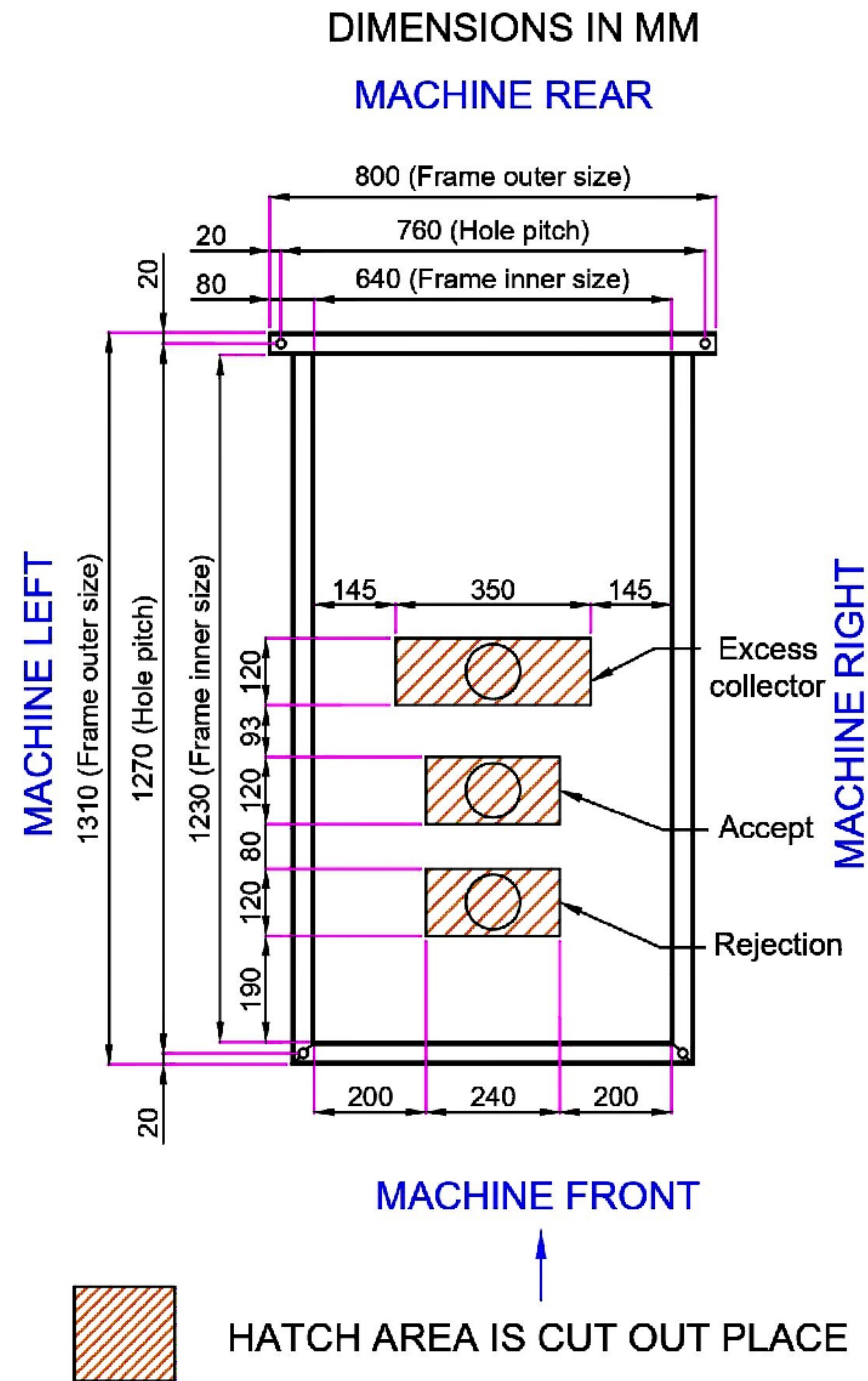


CABIN BASE


GLOBAL FORMAT (D-SIZE)
REV: 2016-09-08

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		MATERIAL	
		WEIGHT	
		REVISION	
Approved by: Shijo Checked by: Vinayaka Prepared by: Jayapradhaban		DATE: 26/12/2020	
3D CAD FILE (SAP DOC # - TYPE - VERSION #)		THIRD ANGLE PROJECTION 	
PART NAME (SAP 3D CAD DIR DESCRIPTION)		DRAWING NUMBER (SAP DOC # - TYPE - VERSION #)	
SHT: 3		OF: 12	
SIZE: D		SCALE: 1:50	
IS IN ACCORDANCE WITH ASME Y14.5M-1994			

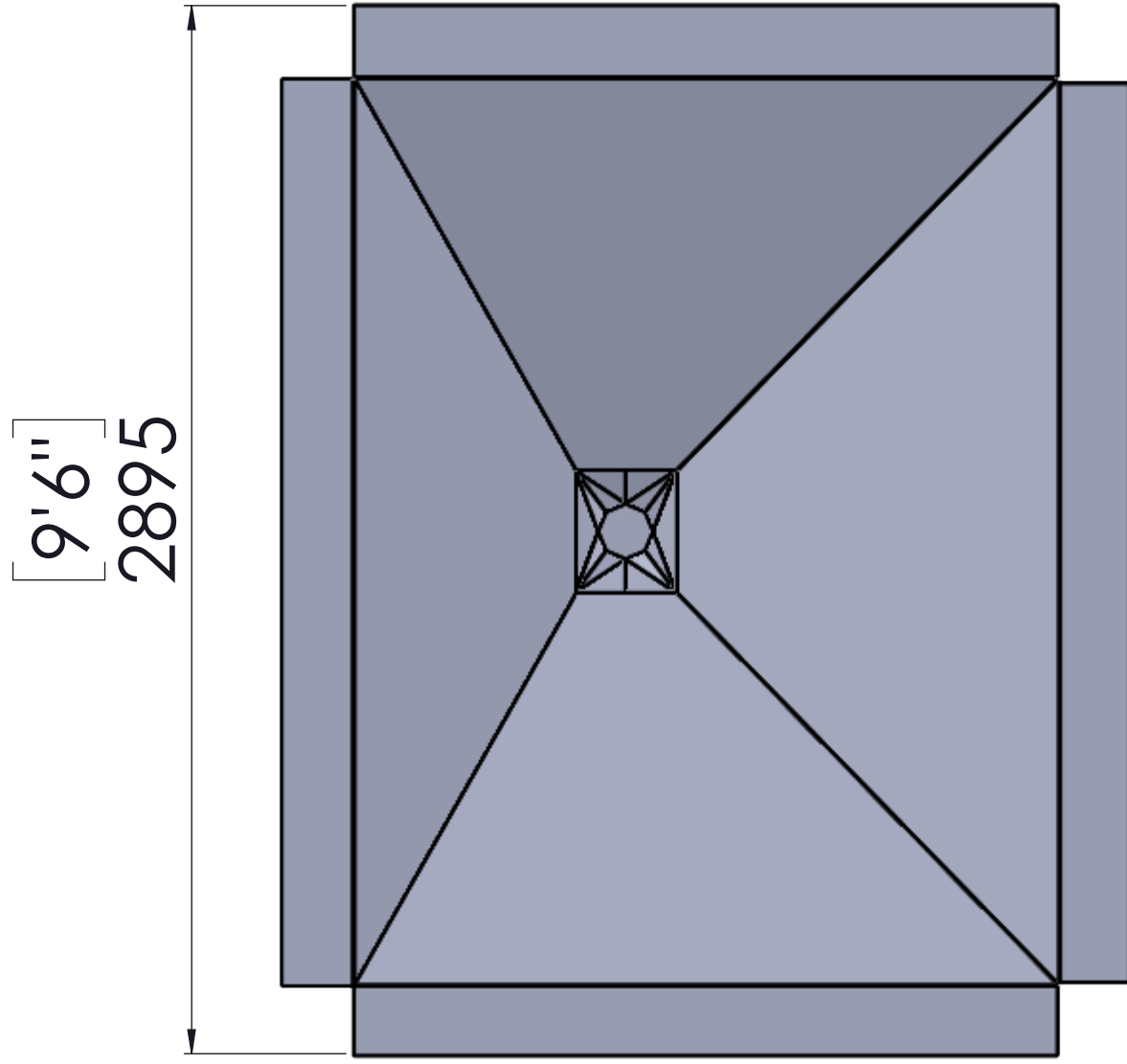
64 CHANNEL REVERSE MACHINE FRAME SIZE



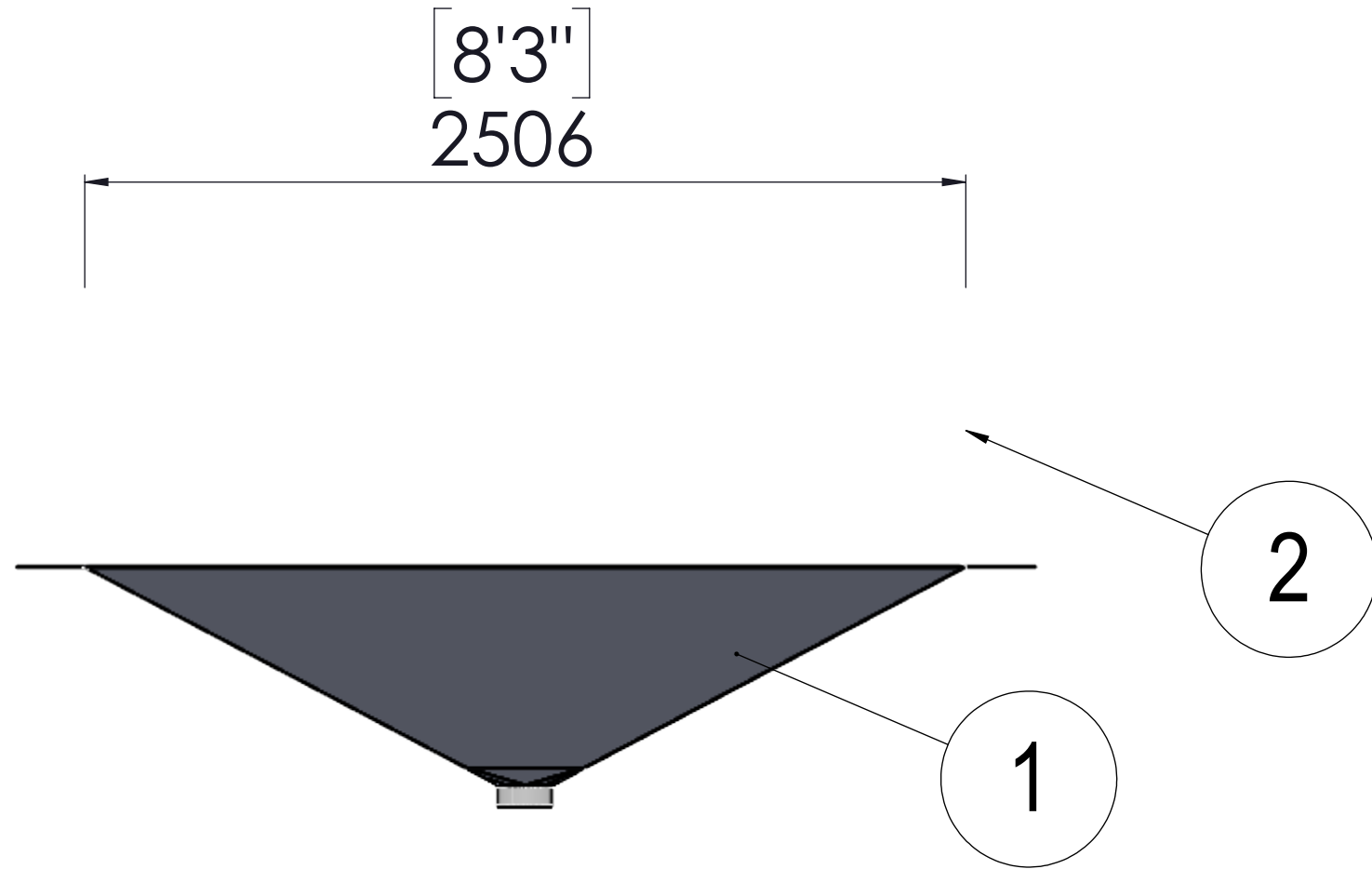
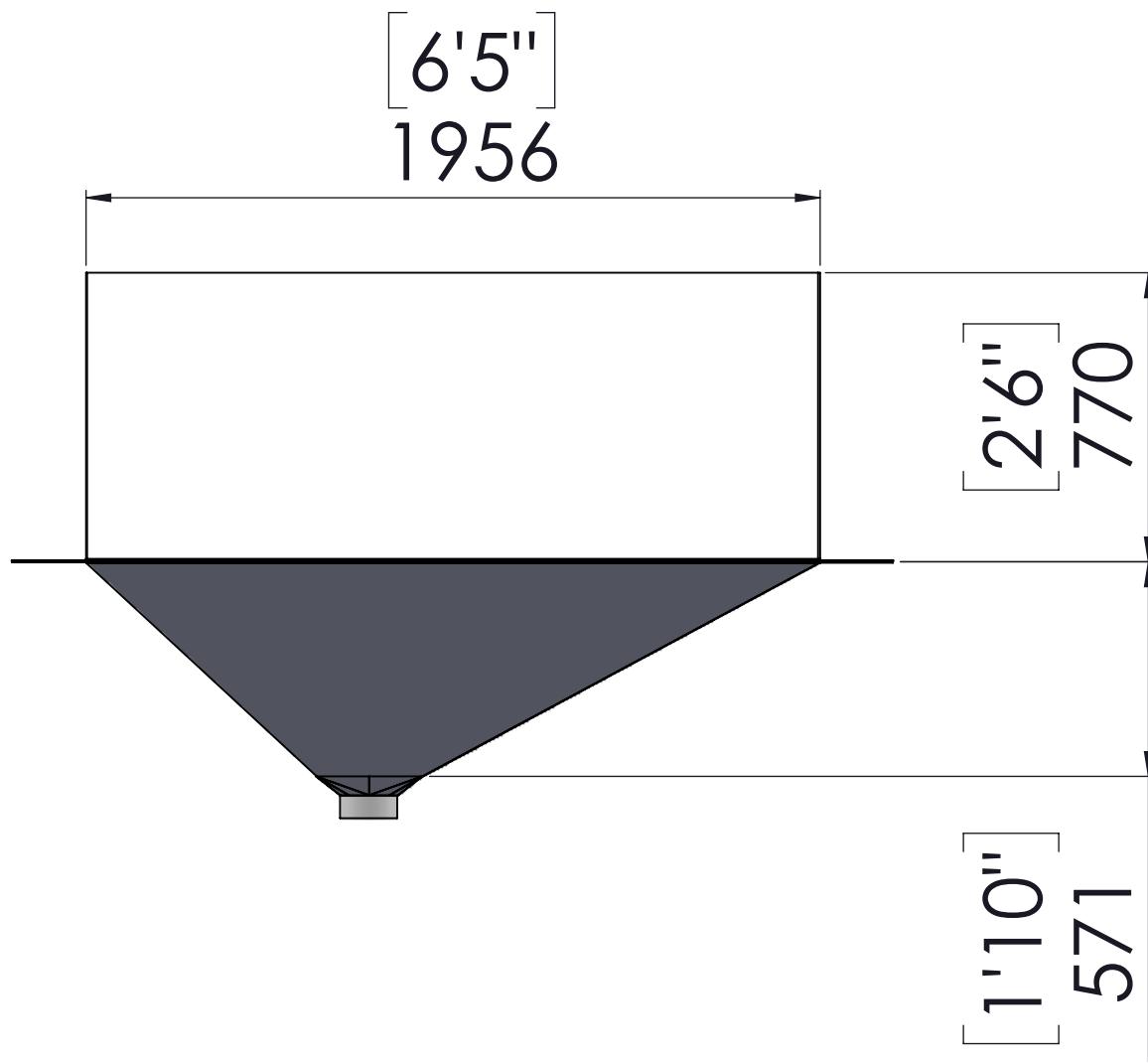
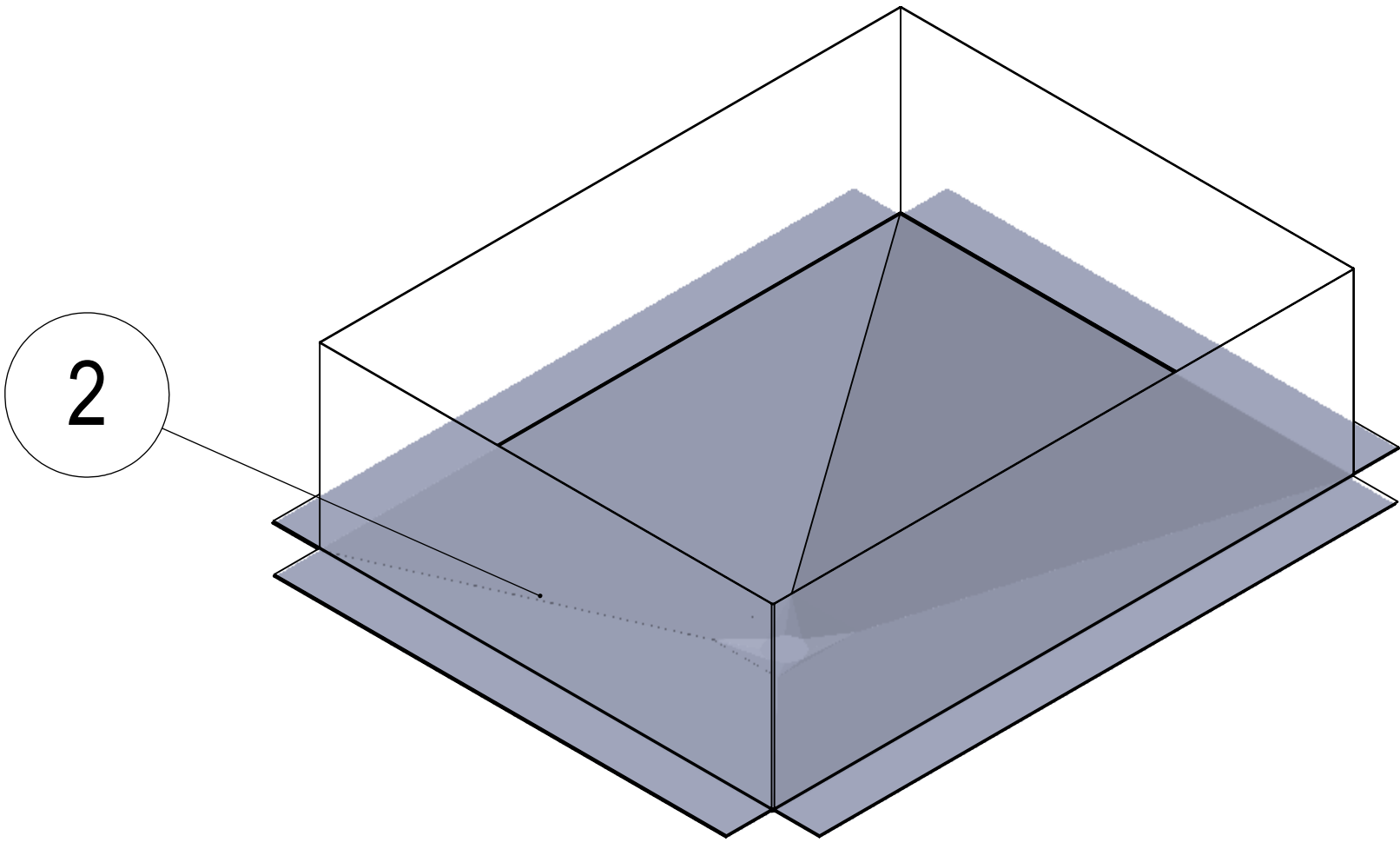
Frame cut out size


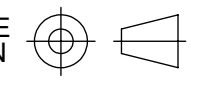

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GEOMETRIC DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ASME Y14.5M-1994		<div><div></div><div><div>Approved by : Shijo</div><div>Checked by : Vinayaka</div><div>Prepared by : Jayapradhaban</div></div><div><div>DATE 26/12/2020</div><div>3D CAD FILE (SAP DOC # - TYPE - VERSION #)</div><div>PART NAME (SAP 3D CAD DIR DESCRIPTION)</div></div><div><div>THIRD ANGLE PROJECTION</div><div>DRAWING NUMBER (SAP DOC # - TYPE - VERSION #)</div><div>SHT 4</div><div>OF 12</div><div>SIZE D</div><div>SCALE 1:10</div></div><div><div>REVISION</div><div>AA</div></div></div>	

STORAGE HOPPER

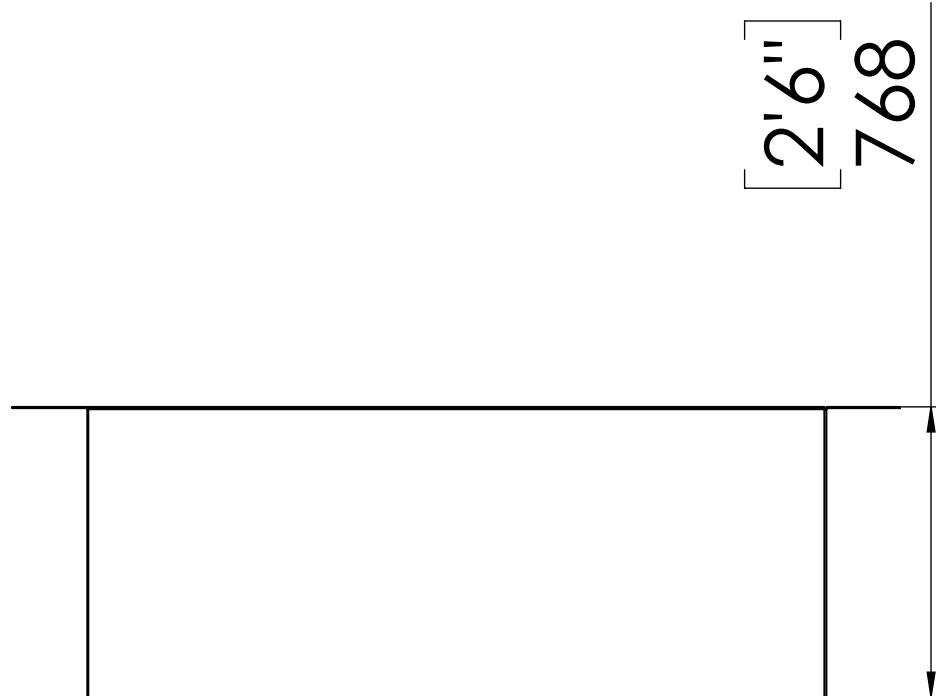
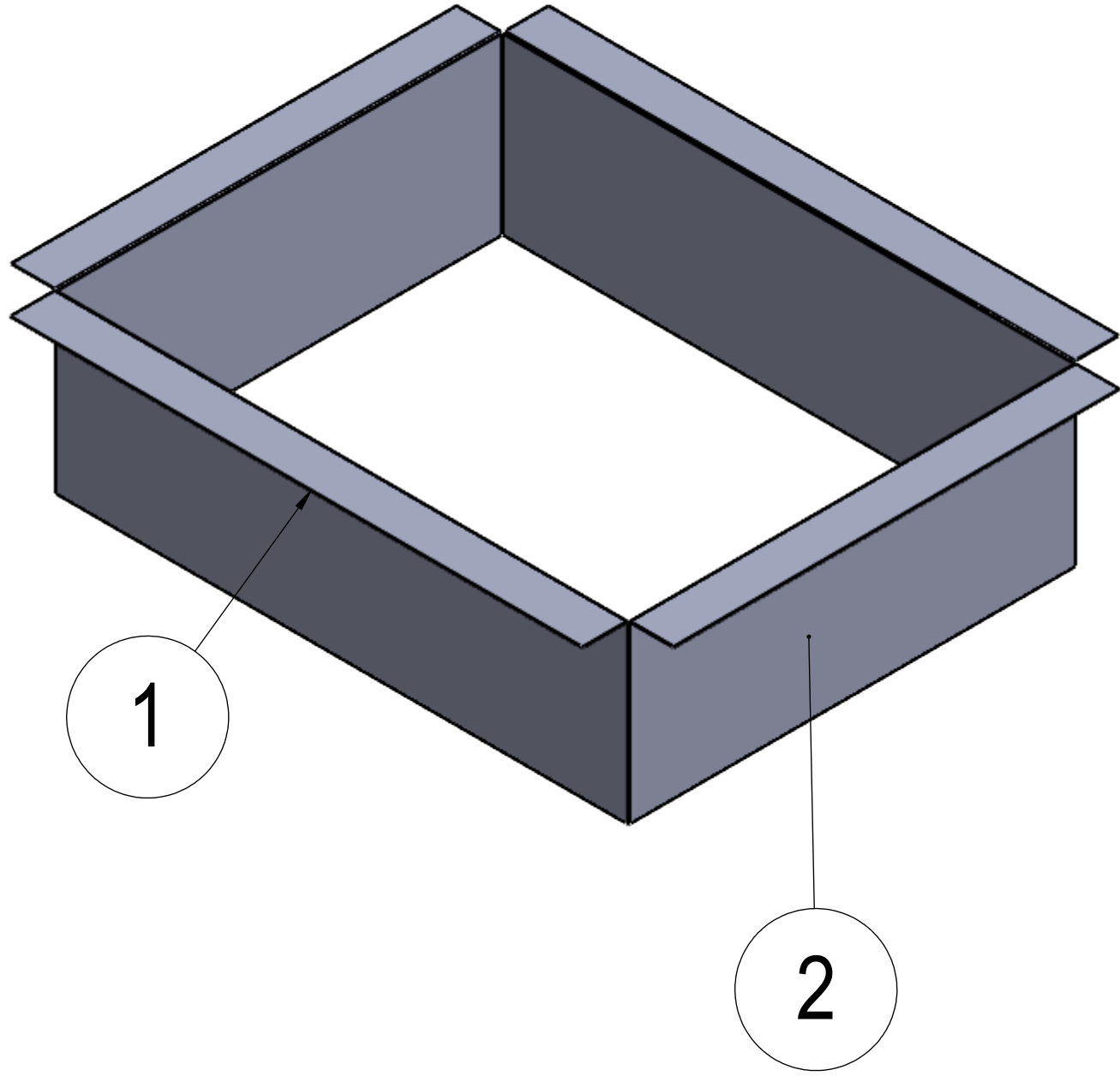
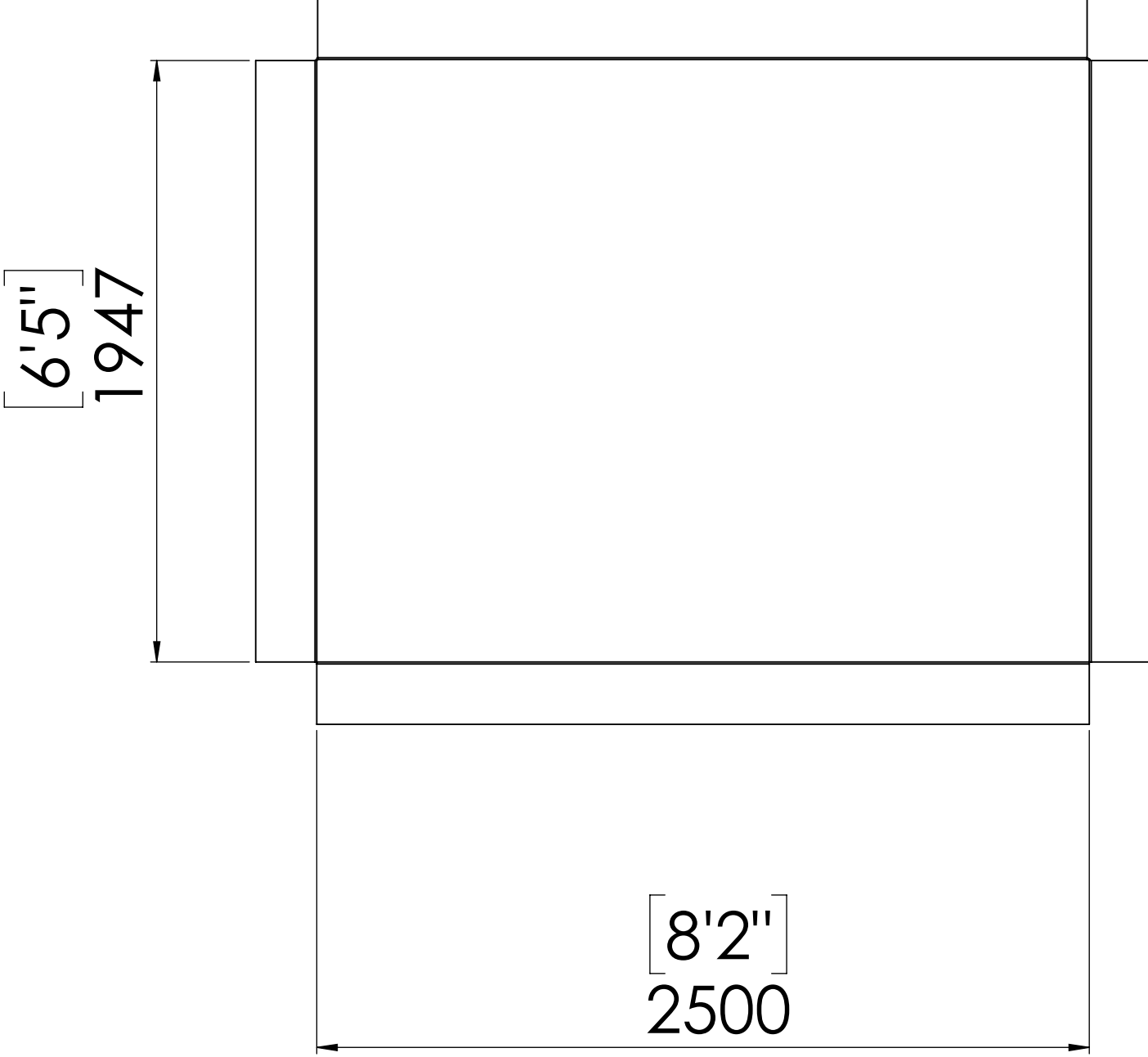


ITEM NO.	DESCRIPTION	QTY.
1	STORAGE HOPPER BOTTOM	1
2	STORAGE HOPPER TOP	1
3	PIPE	1
4	PIPE CONNECTOR 1	1



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GEOMETRIC DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ASME Y14.5M-1994				3D CAD FILE (SAP DOC # - TYPE - VERSION #)	THIRD ANGLE PROJECTION 
		Approved by : Shijo DATE 26/12/2020 Checked by : Vinayaka Prepared by : Jayapradhaban		DRAWING NUMBER (SAP DOC # - TYPE - VERSION #)	
				PART NAME (SAP 3D CAD DIR DESCRIPTION)	SHT 5 OF 12 SIZE D SCALE 1:20
					

STORAGE HOPPER TOP PART



DOWN 90° R 3

ITEM NUMBER:1
FLAT PATTERN
SCALE: 1:20

DOWN 90° R 3

UP 90° R 3

DOWN 90° R 3

UP 90° R 3

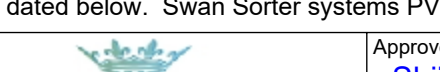

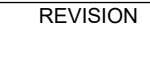
DOWN 90° R 3

ITEM NUMBER:2
FLAT PATTERN
SCALE: 1:20

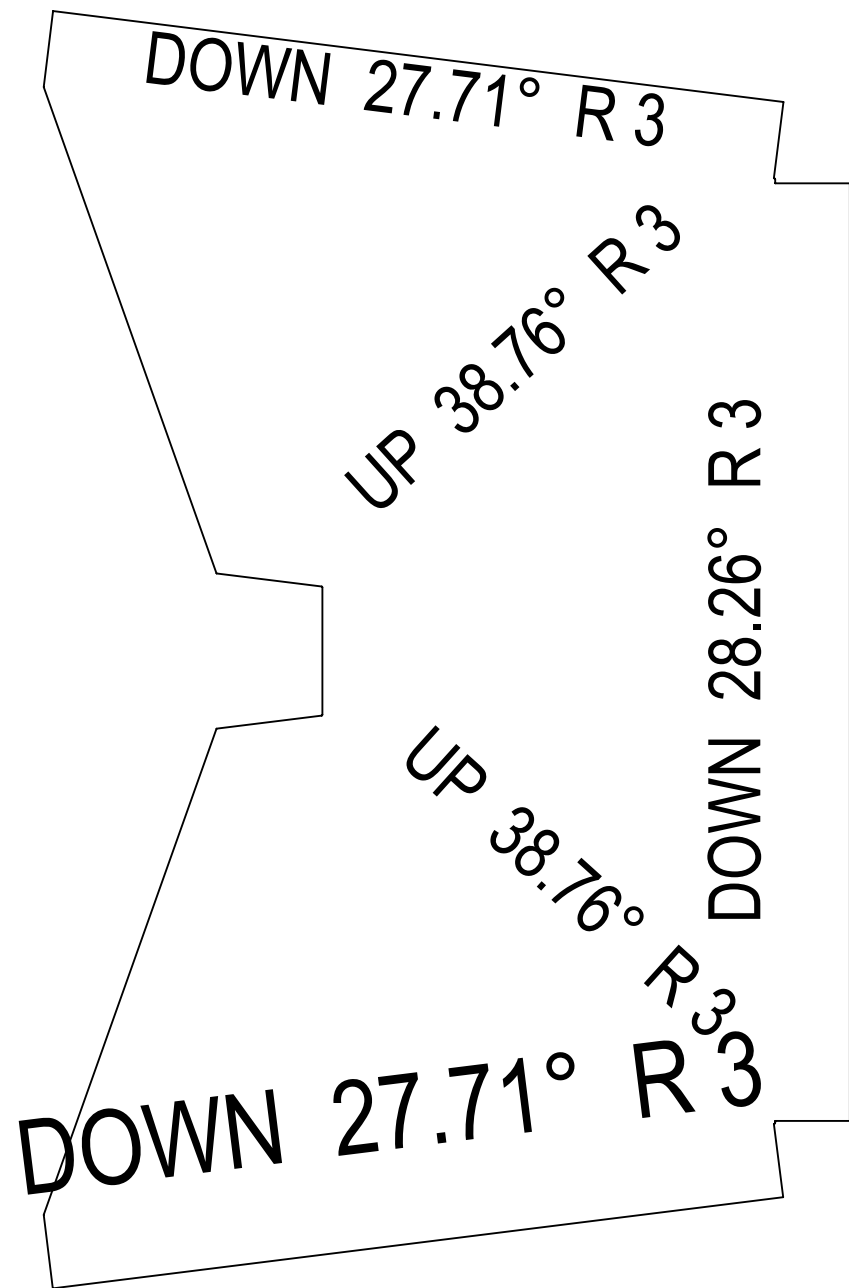
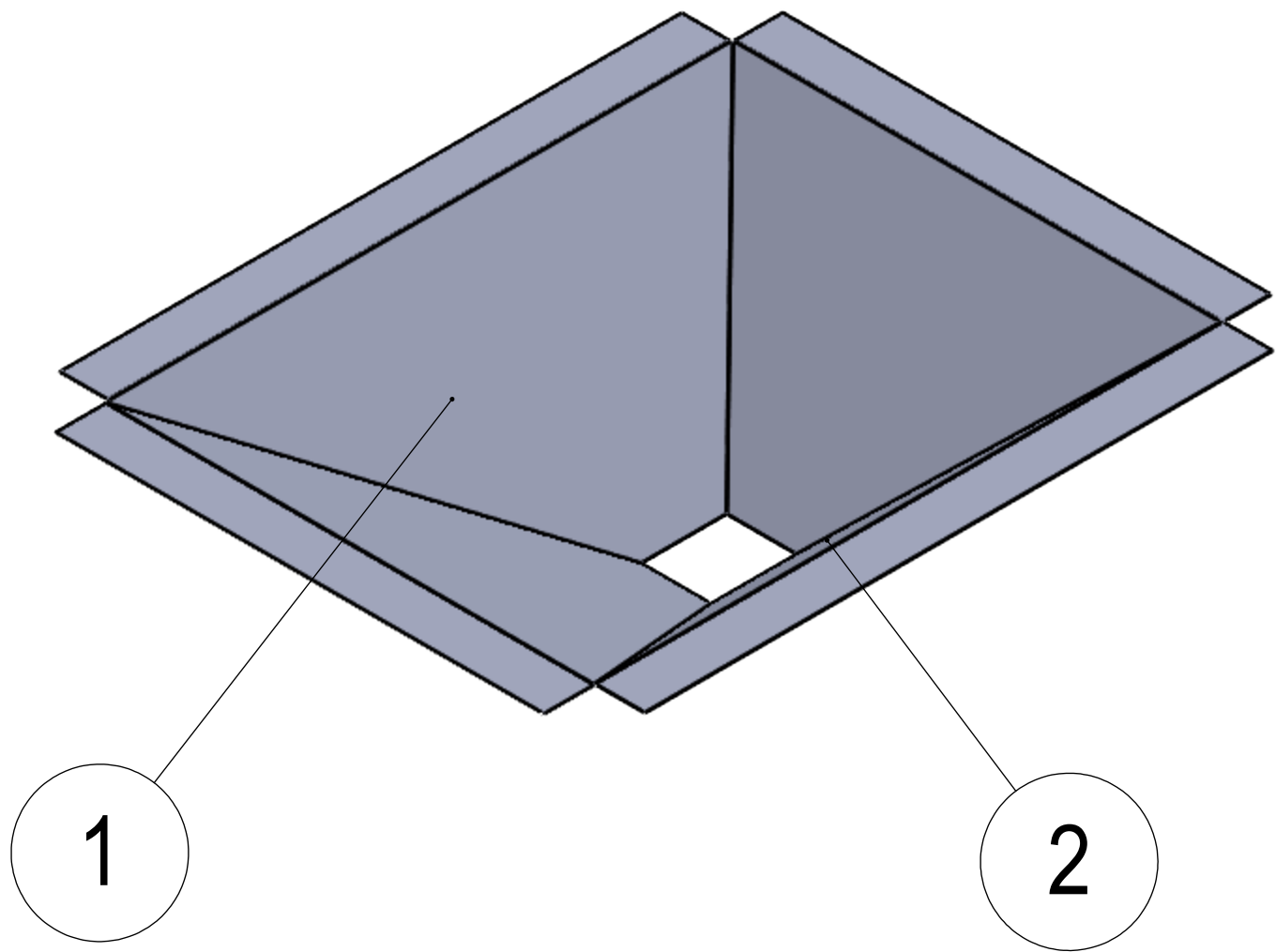
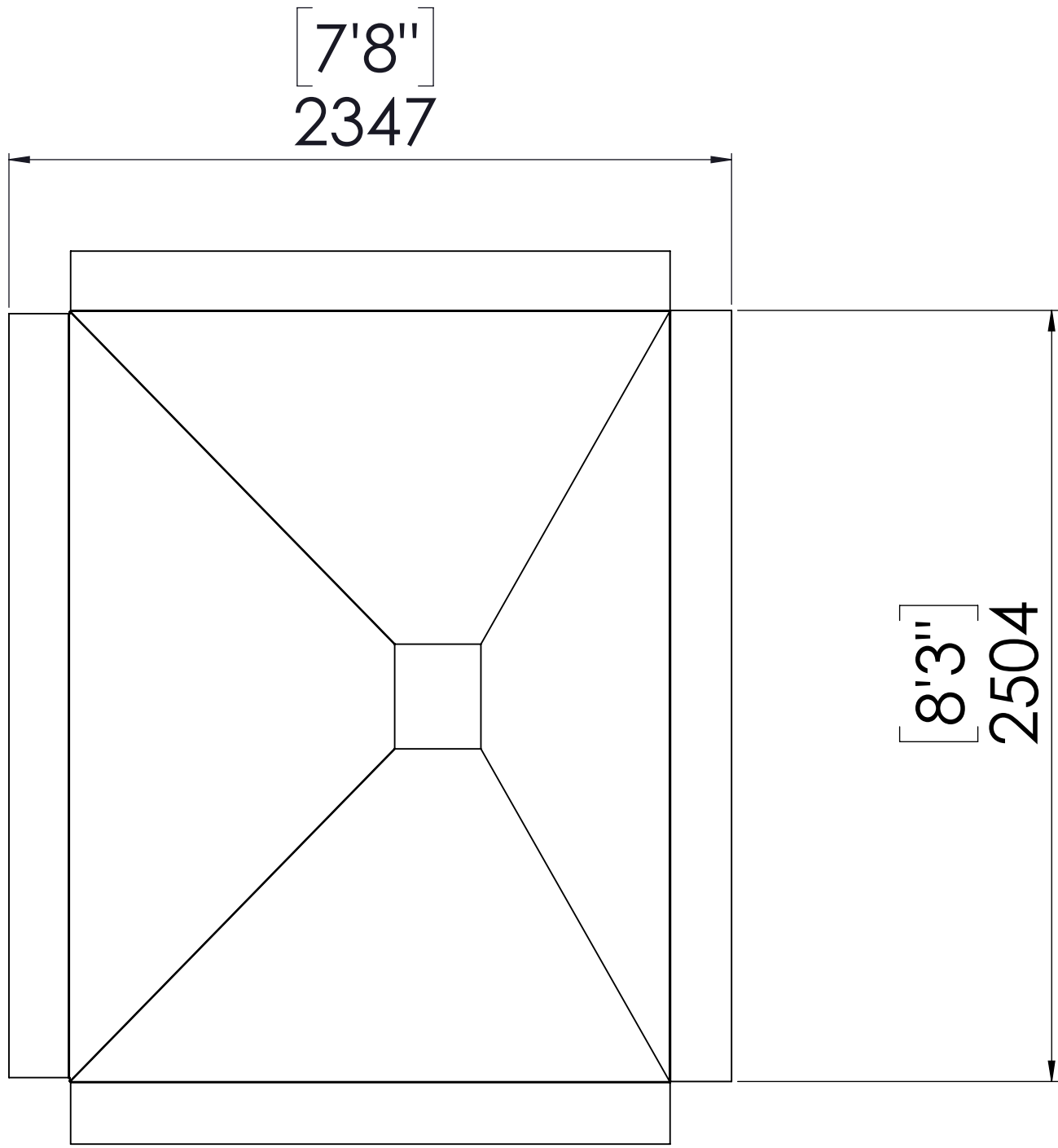
MATERIAL USED- MS
SHEET METAL THICKNESS- 3mm
RECOMENDED BENDING RADIUS- 3mm

DO NOT SCALE DRAWING. CAD MATHEMATICAL DATA IS MASTER FOR THIS PART UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES UNLESS OTHERWISE SPECIFIED	
UNSPECIFIED TOLERANCES ARE: LINEAR: ±1.0mm ANGULAR: ±0.5°	
UNLESS OTHERWISE SPECIFIED GEOMETRIC TOLERANCES ARE: ISO 2768-mK	
GEOMETRIC DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ASME Y14.5M-1994	

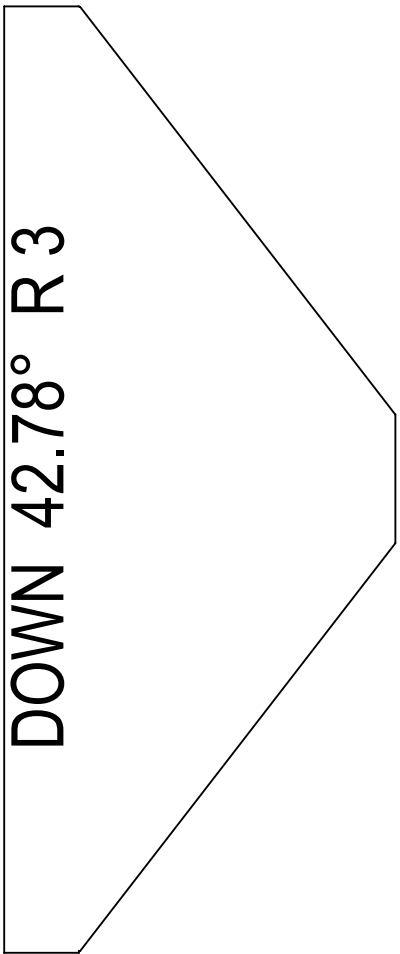
REVISION AA NOTES: [NEW RELEASE](#)

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ORIGINAL RELEASE AUTHORIZATION © as dated below. Swan Sorter systems PVT.LTD. All rights reserved.										WEIGHT			
 <div>Approved by : Shijo Checked by : Vinayaka Prepared by : Jayapradhaban</div>										THIRD ANGLE PROJECTION 		DRAWING NUMBER (SAP DOC # - TYPE - VERSION #)	
										3D CAD FILE (SAP DOC # - TYPE - VERSION #)			
PART NAME (SAP 3D CAD DIR DESCRIPTION)										SHT	OF	SIZE	SCALE
										6	12	D	1:20
													

STORAGE HOPPER BOTTOM

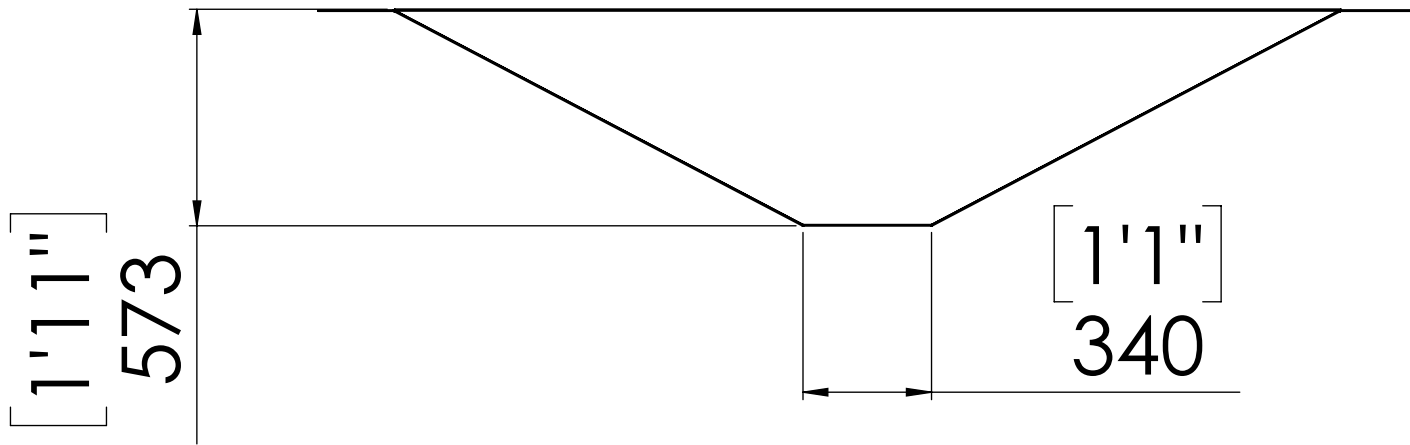
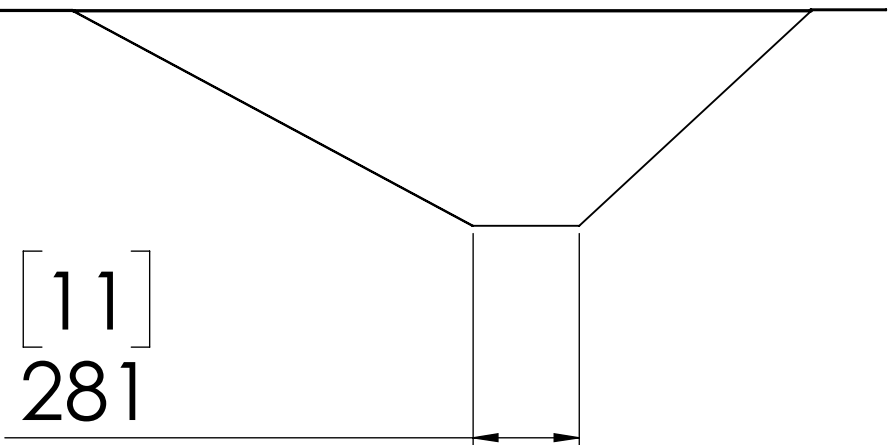


ITEM NUMBER:1
FLAT PATTERN
SCALE: 1:20



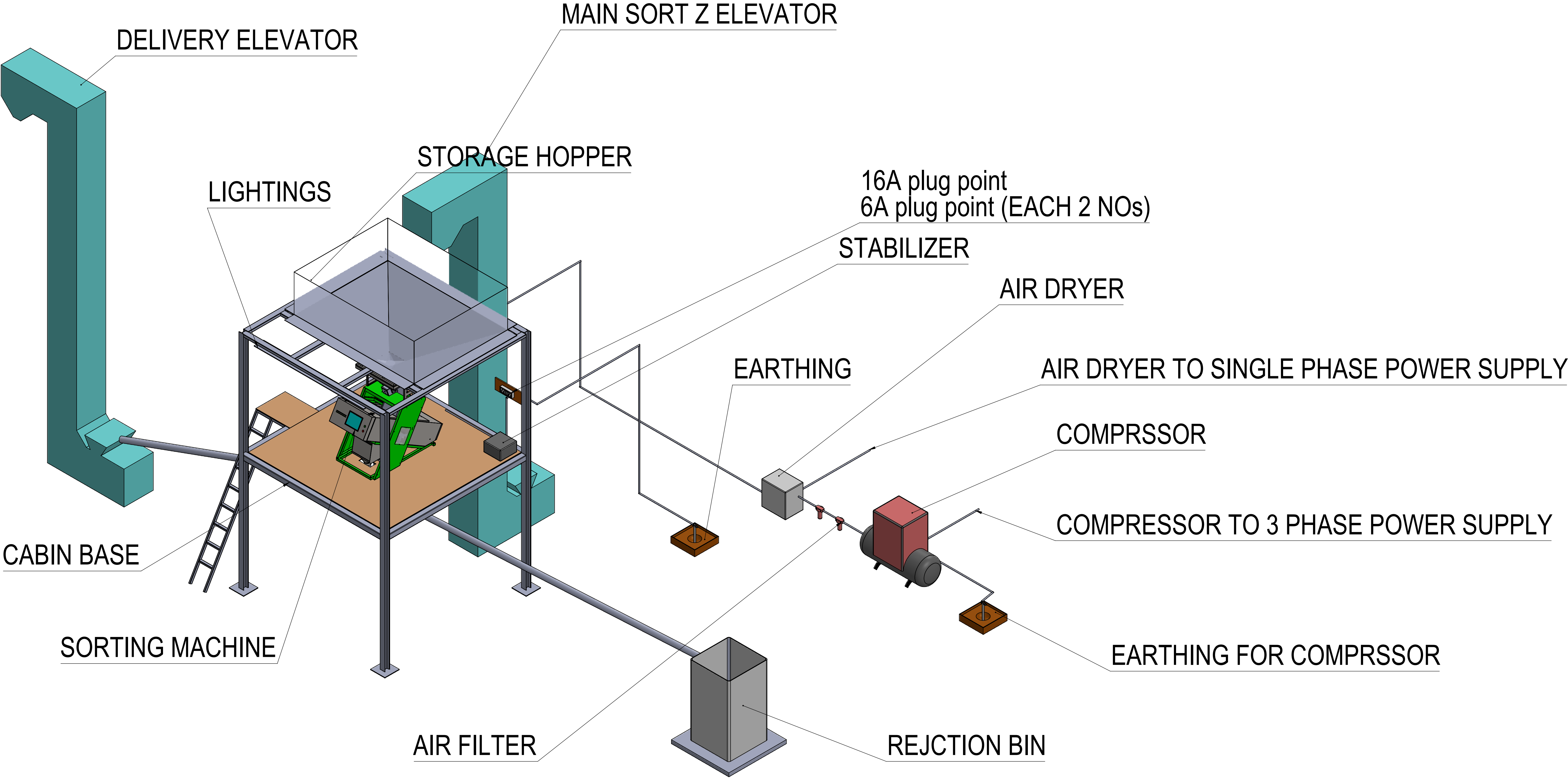
ITEM NUMBER:2
FLAT PATTERN
SCALE: 1:20

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


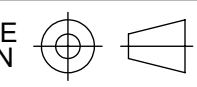



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GEOMETRIC DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ASME Y14.5M-1994		Approved by : Shijo DATE: 26/12/2020 Checked by : Vinayaka Prepared by : Jayapradhaban		THIRD ANGLE PROJECTION	
		3D CAD FILE (SAP DOC # - TYPE - VERSION #)		DRAWING NUMBER (SAP DOC # - TYPE - VERSION #)	
		PART NAME (SAP 3D CAD DIR DESCRIPTION)		SHT: 7 OF: 12 SIZE: D SCALE: 1:20	
				REVISION	

CABIN LAYOUT

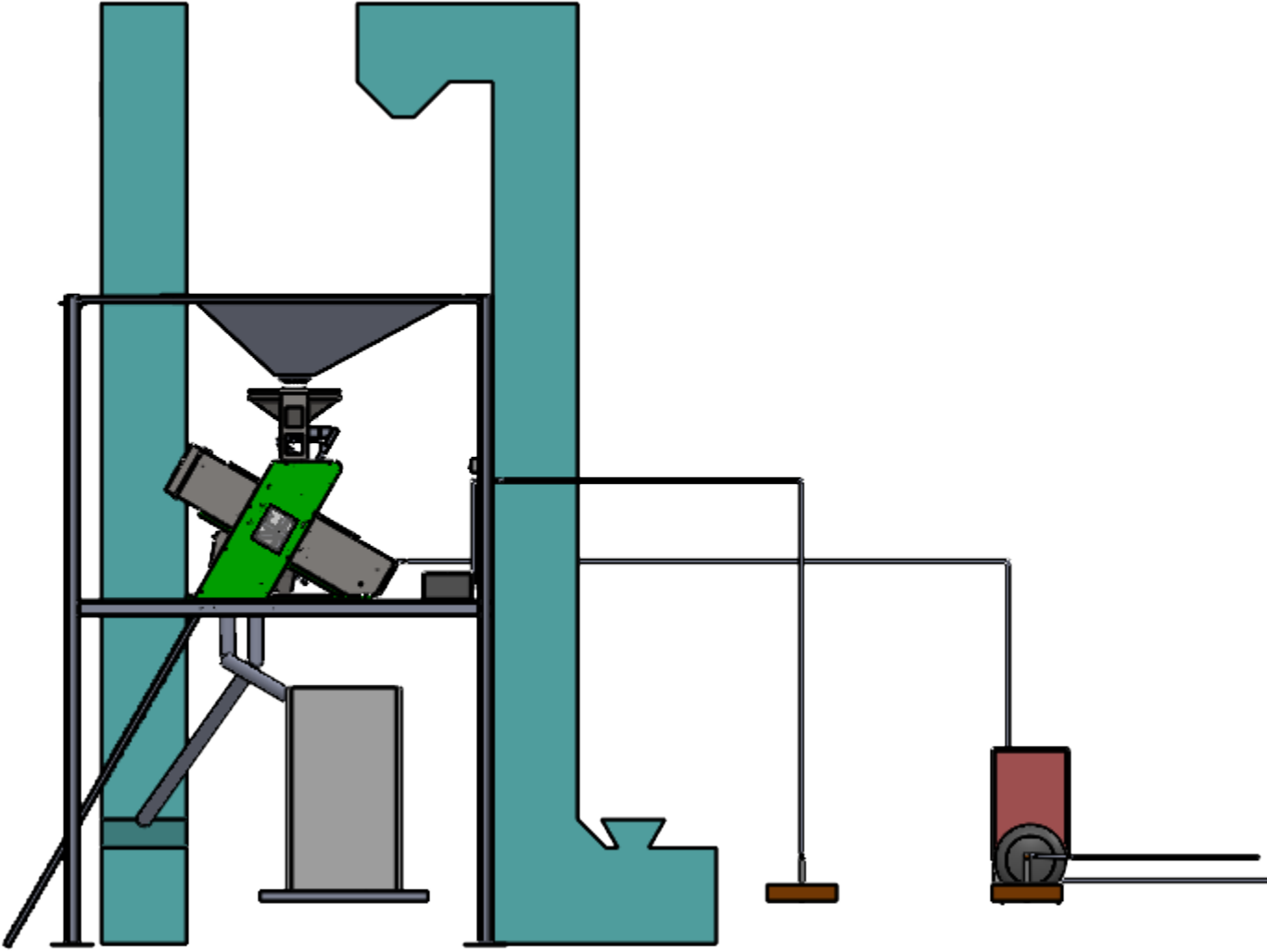
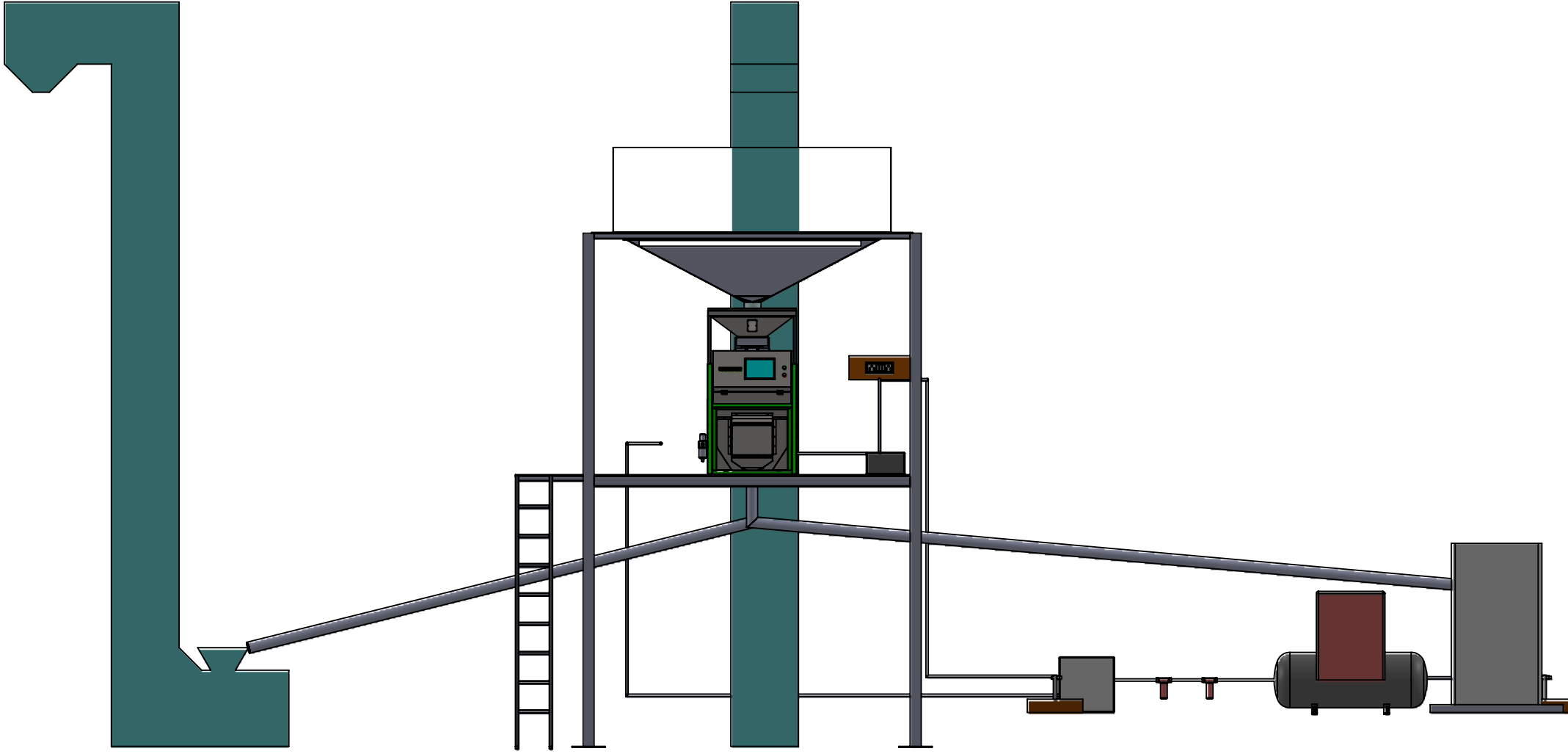
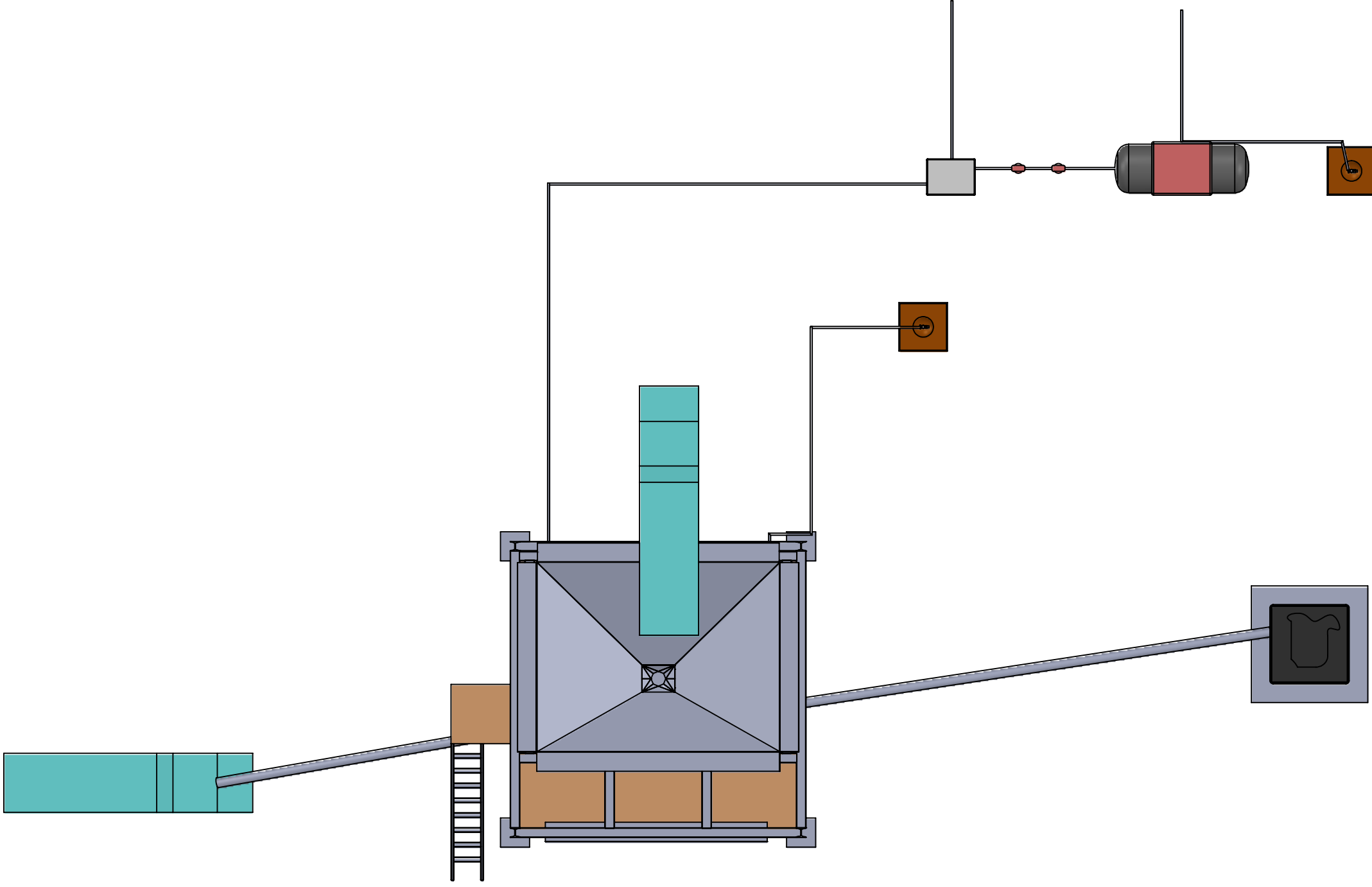



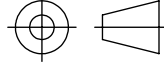

NOTE: THE LAYOUT SHOWN ABOVE IS FOR REPRESENTATION PURPOSE ONLY FRAME BASE CUTOUT AND STAIRCASE ARRANGEMENT CAN BE ALTERED AS PER REQUIREMENT. THE LIGHTINGS CAN ALSOBE POSITIONED AS PER CONVINIENCE.

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		MATERIAL	
		WEIGHT	
		REVISION	
GEOMETRIC DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ASME Y14.5M-1994		Approved by : Shijo Checked by : Vinayaka Prepared by : Jayapradhaban	
		DATE 26/12/2020	
		3D CAD FILE (SAP DOC # - TYPE - VERSION #)	
		THIRD ANGLE PROJECTION 	
		DRAWING NUMBER (SAP DOC # - TYPE - VERSION #)	
			
		PART NAME (SAP 3D CAD DIR DESCRIPTION)	
		SHT 8	
		OF 12	
		SIZE D	
		SCALE 1:50	

CABIN LAYOUT

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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 26/12/2020
		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 12
				SIZE D	SCALE 1:50
					

Customer Specifications

Customers needs to purchase seperately below mentioned equipments with mentioned specifcations

COMPRESSOR SPECIFICATIONS

- 1. 3PHASE 7.5HP
- 2. 63A MCB TO BE USED
- 3. COMPRESSOR MUST BE OPERATED AT 7.5 BAR PRESSURE
- 4. AIR CONSUMPTION 300 litres or 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

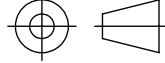

- 1. REFER DRAWINGS FOR DIMENTIONS
- 2. 5.2+ METER CUBE STORAGE CAPACITY
- 3. 2800+ kilograms OF GROUNDNUT CAN BE ACCOMODATED IN THE HOPPER (THE VALUES MAY VARY SIGNIFICANTLY AS THE DENSITY OF THE GRAIN DEPENDS ON IT'S MOISTURE CONTENT)

CONNECTING CABLE SPECIFICATIONS

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

MACHINE SPECIFICATIONS

- 1. MACHINE CAPACITY: 0.5 TO 1.5 TON PER HOUR (BASED ON MATERIAL DENSITY IT WILL VARY)
- 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			
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		<div><div><div>Approved by : Shijo</div><div>Checked by : Vinayaka</div><div>Prepared by : Jayapradhaban</div></div><div><div>DATE 26/12/2020</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 10	OF 12
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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

Air pressure

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: 12 OF: 12 SIZE: D SCALE: 1:50	
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