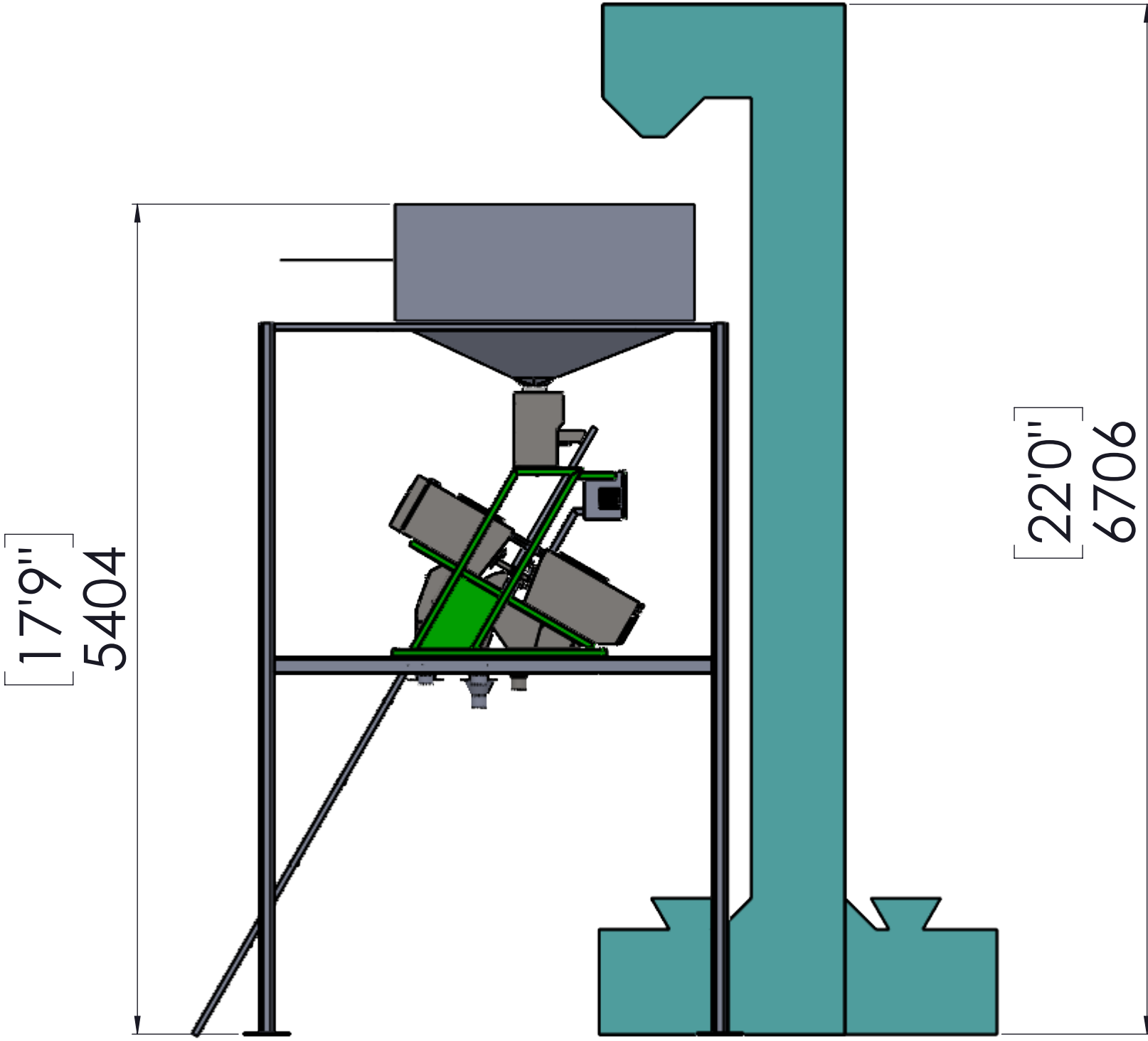
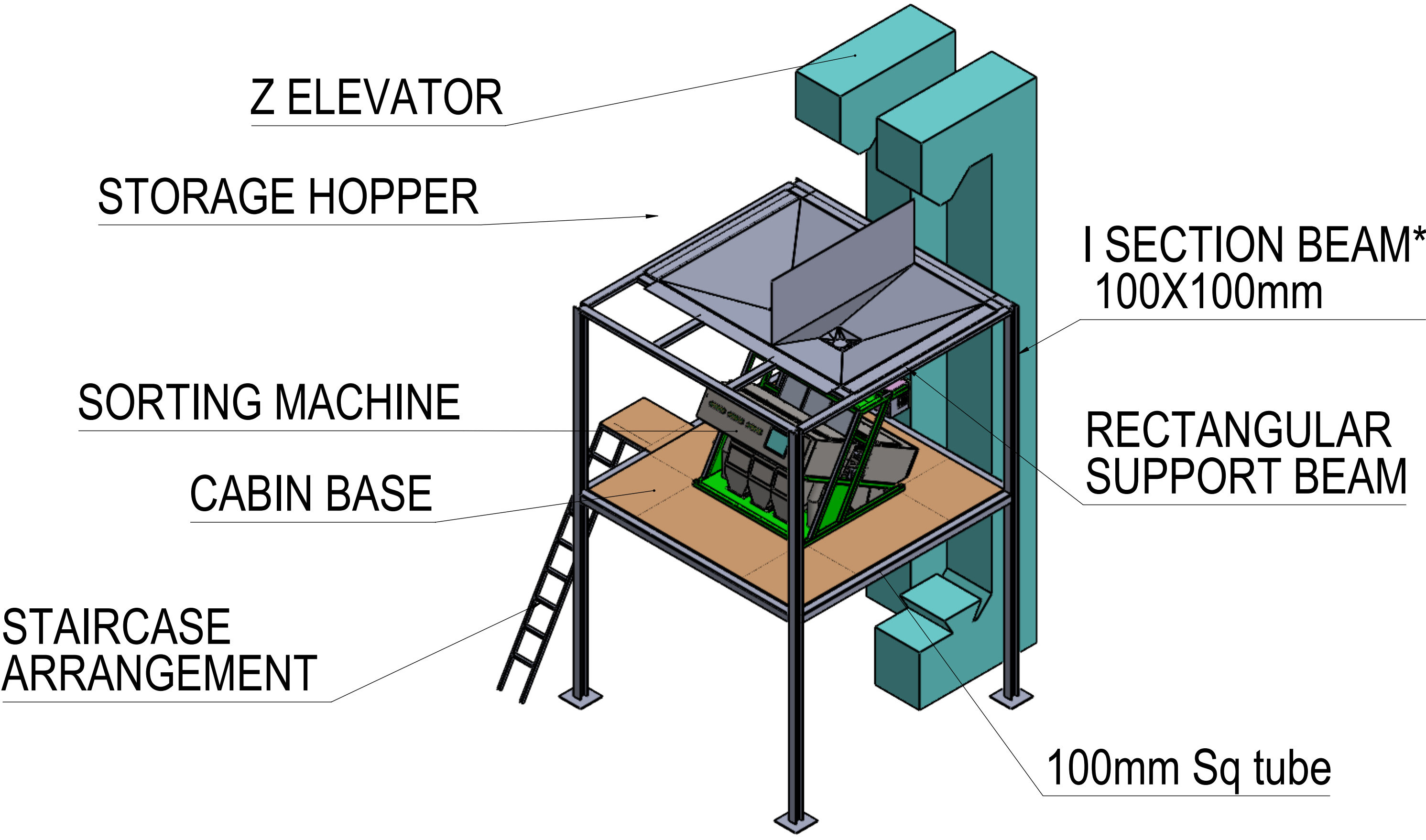
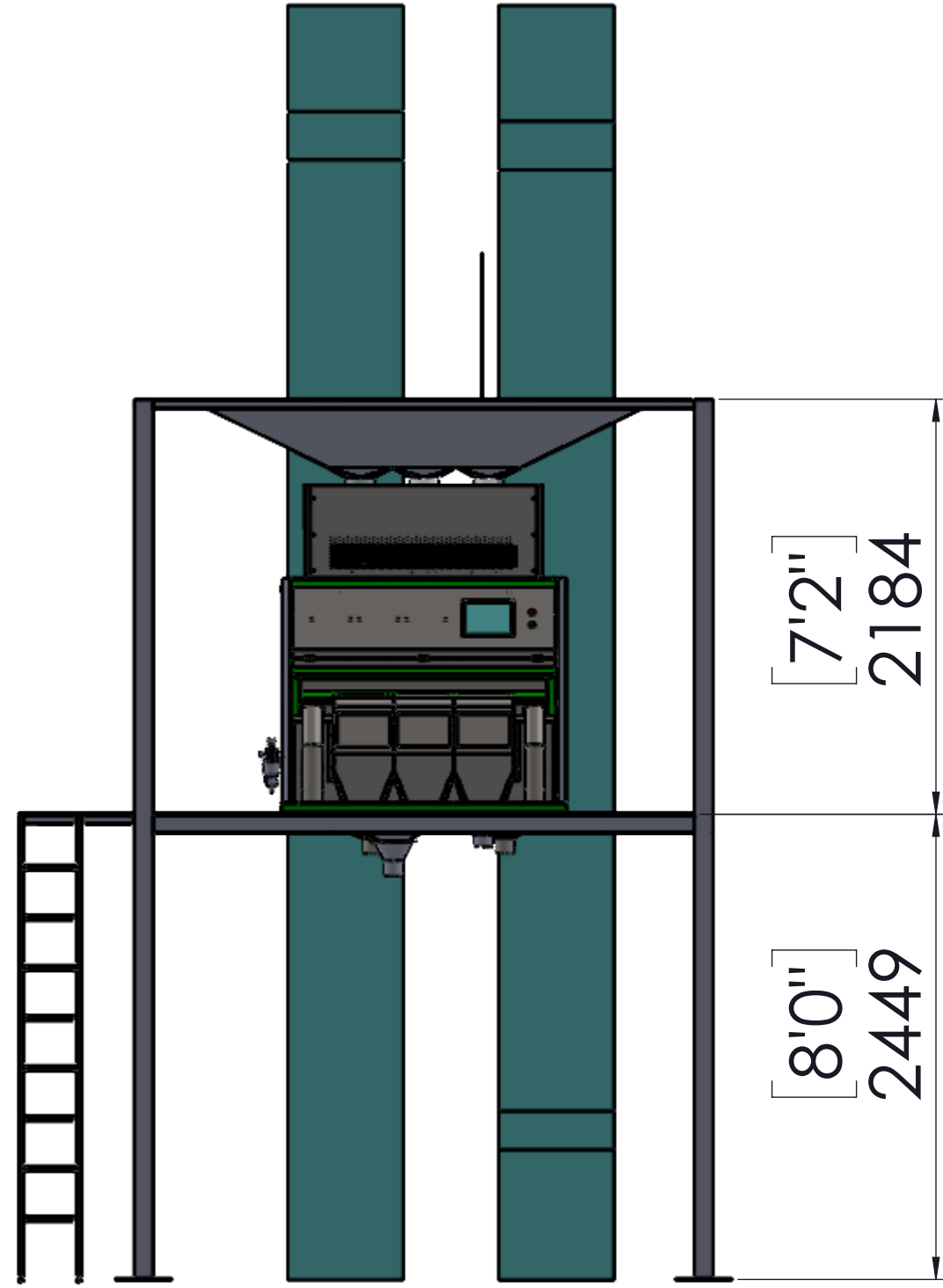
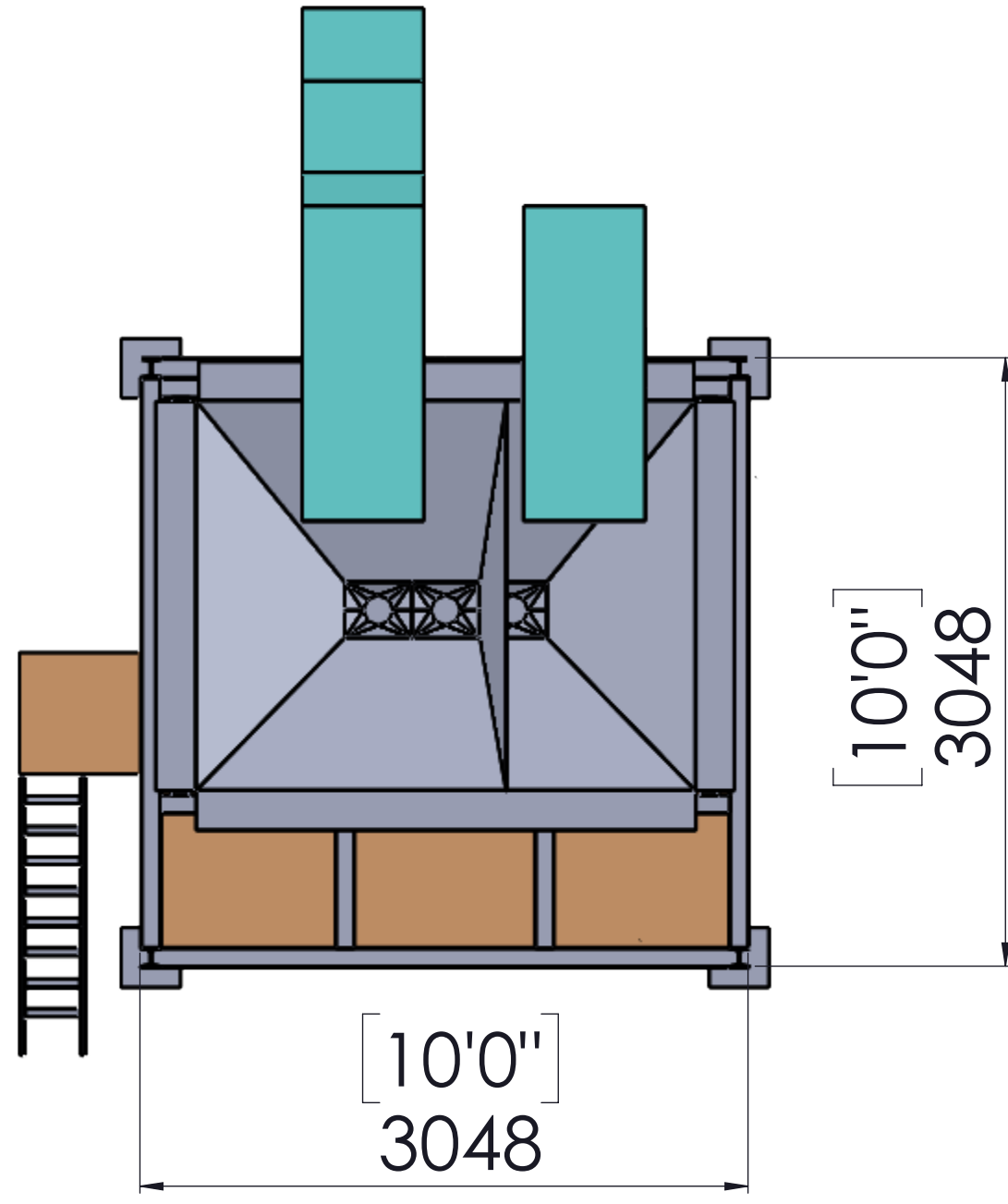


CABIN ARRANGMENT

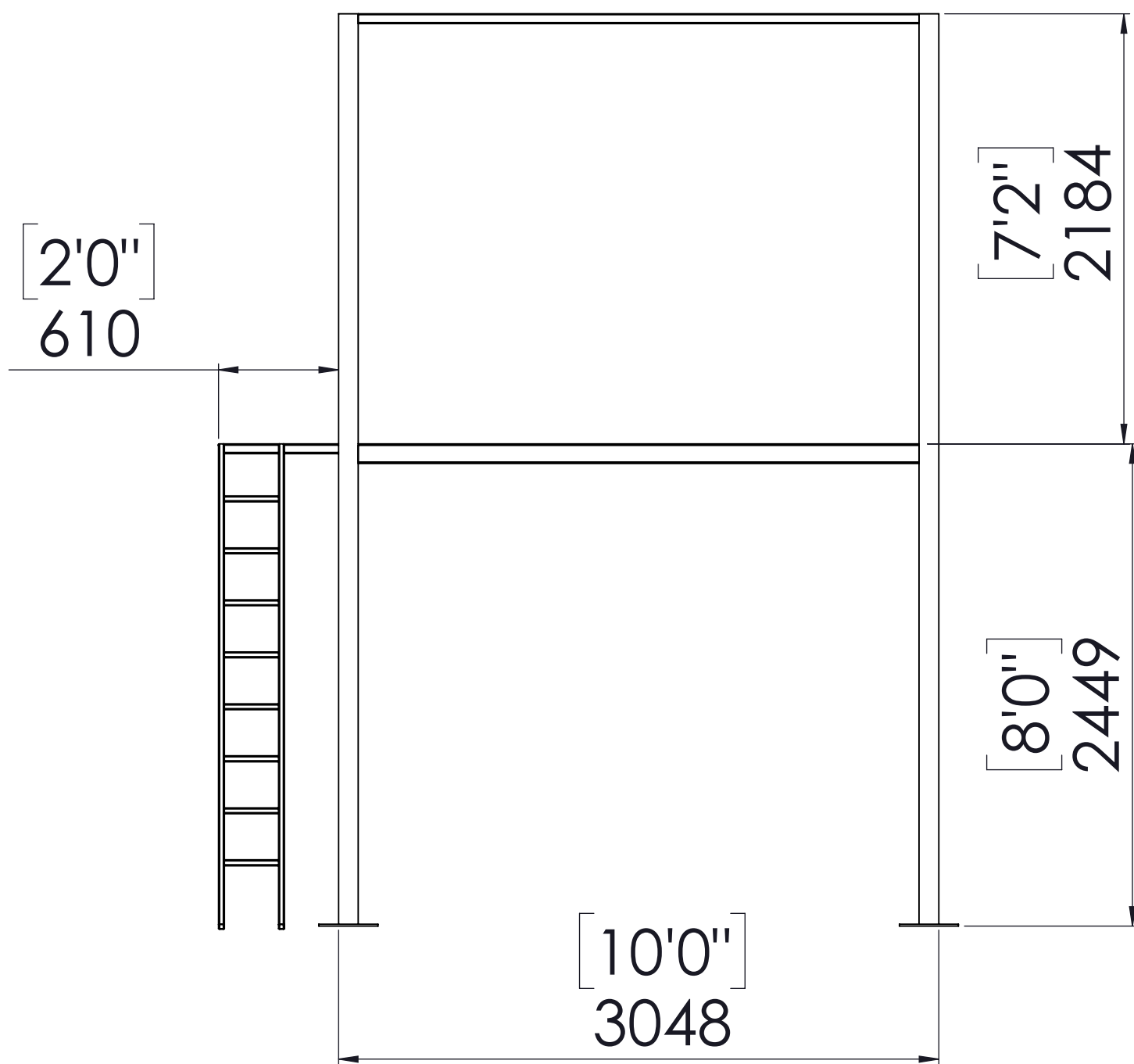
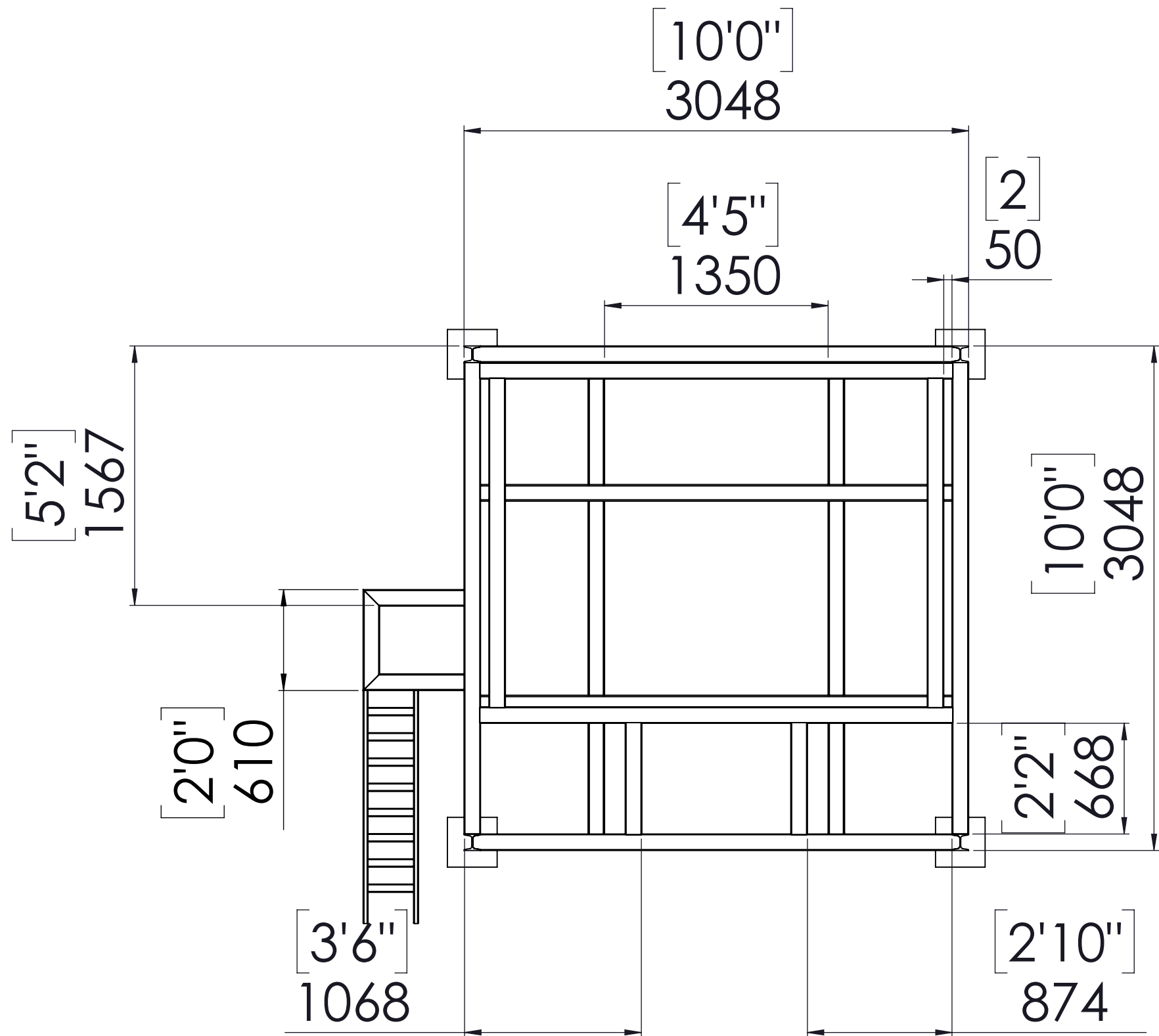


*RECTANGULAR SECTION BEAMS
CAN ALSO BE USED

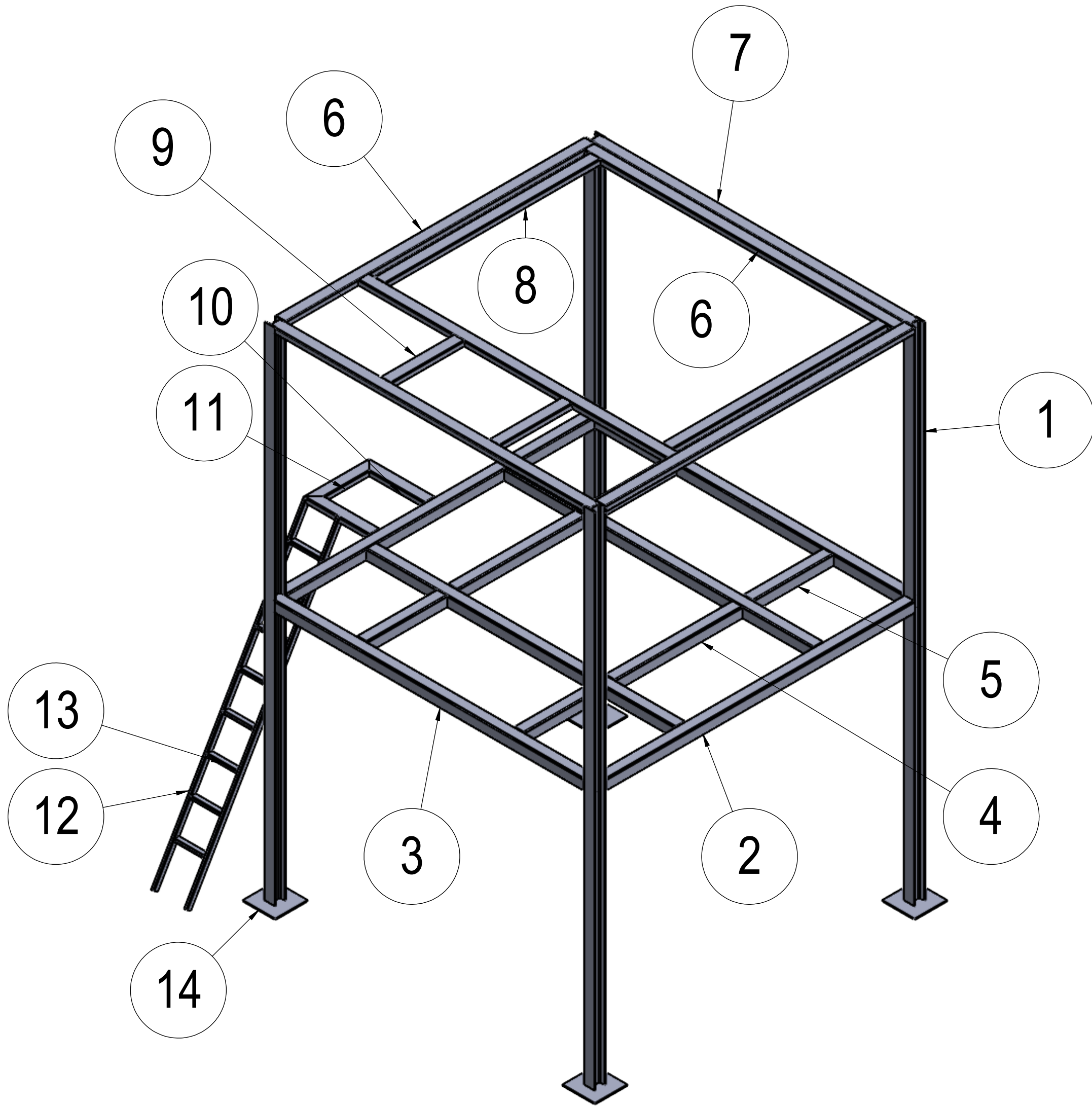
NOTE: ALL PRIMARY DIMENTIONS ARE IN mm,
AND ALL SECONDARY DIMENTIONS ARE
IN FEET AND INCHES

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	
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GEOMETRIC DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ASME Y14.5M-1994		MATERIAL	
Approved by : Shijo Checked by : Vinayaka Prepared by : Jaypradhaban		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 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	4
3	2942	115.8	2
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	4
7	2942	115.8	2
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

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: $\pm 1.0\text{mm}$ ANGULAR: $\pm 0.5^\circ$	
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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Approved by : Shijo		DATE 26/12/2020		3D CAD FILE (SAP DOC # - TYPE - VERSION #)		THIRD ANGLE PROJECTION		DRAWING NUMBER (SAP DOC # - TYPE - VERSION #)	
Checked by : Vinayaka		PART NAME (SAP 3D CAD DIR DESCRIPTION)		SHT 2		OF 13		SIZE D	
Prepared by : Jayapradhaban		SCALE 1:50							



C

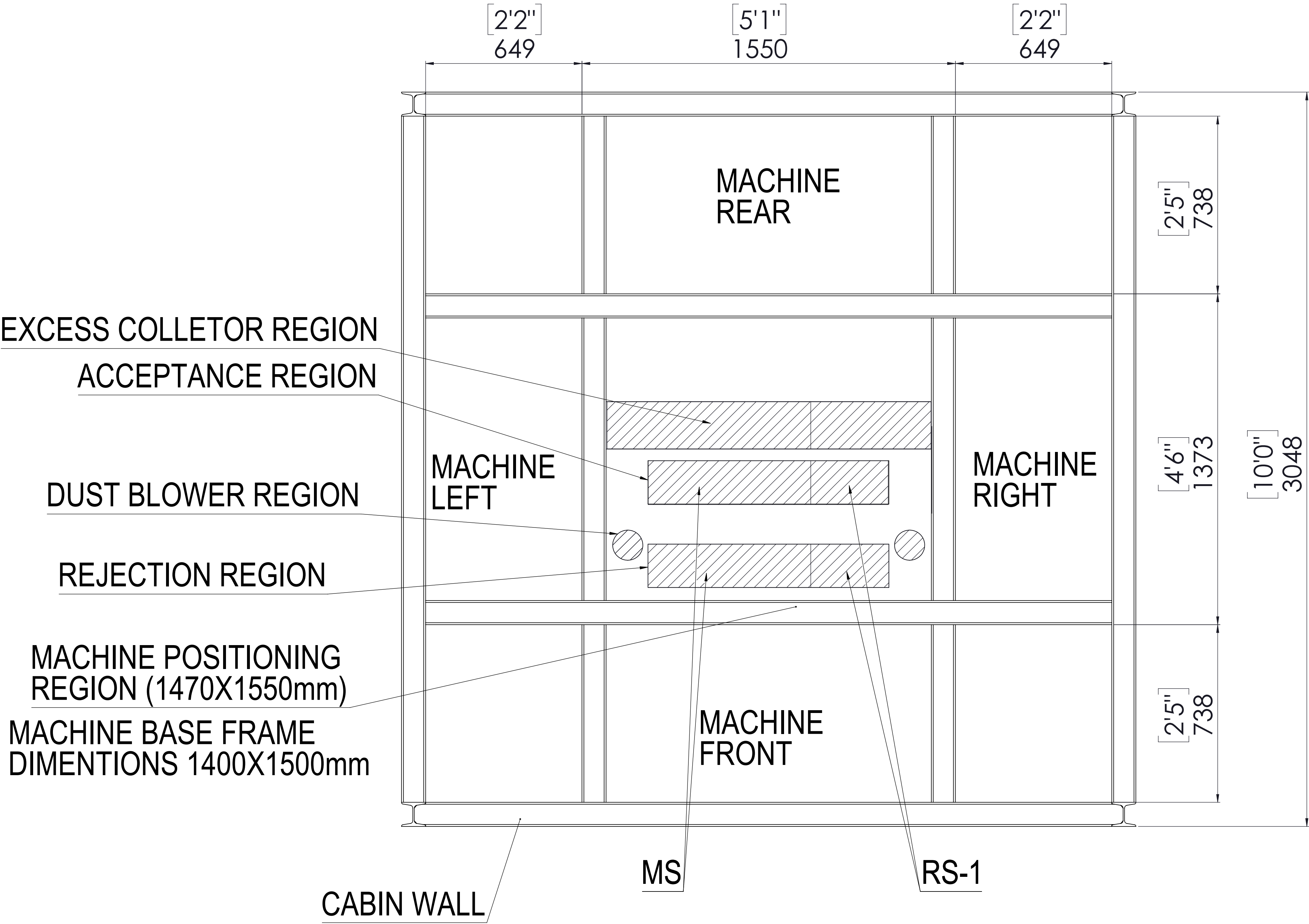
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B



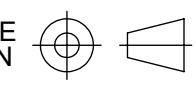
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A

A

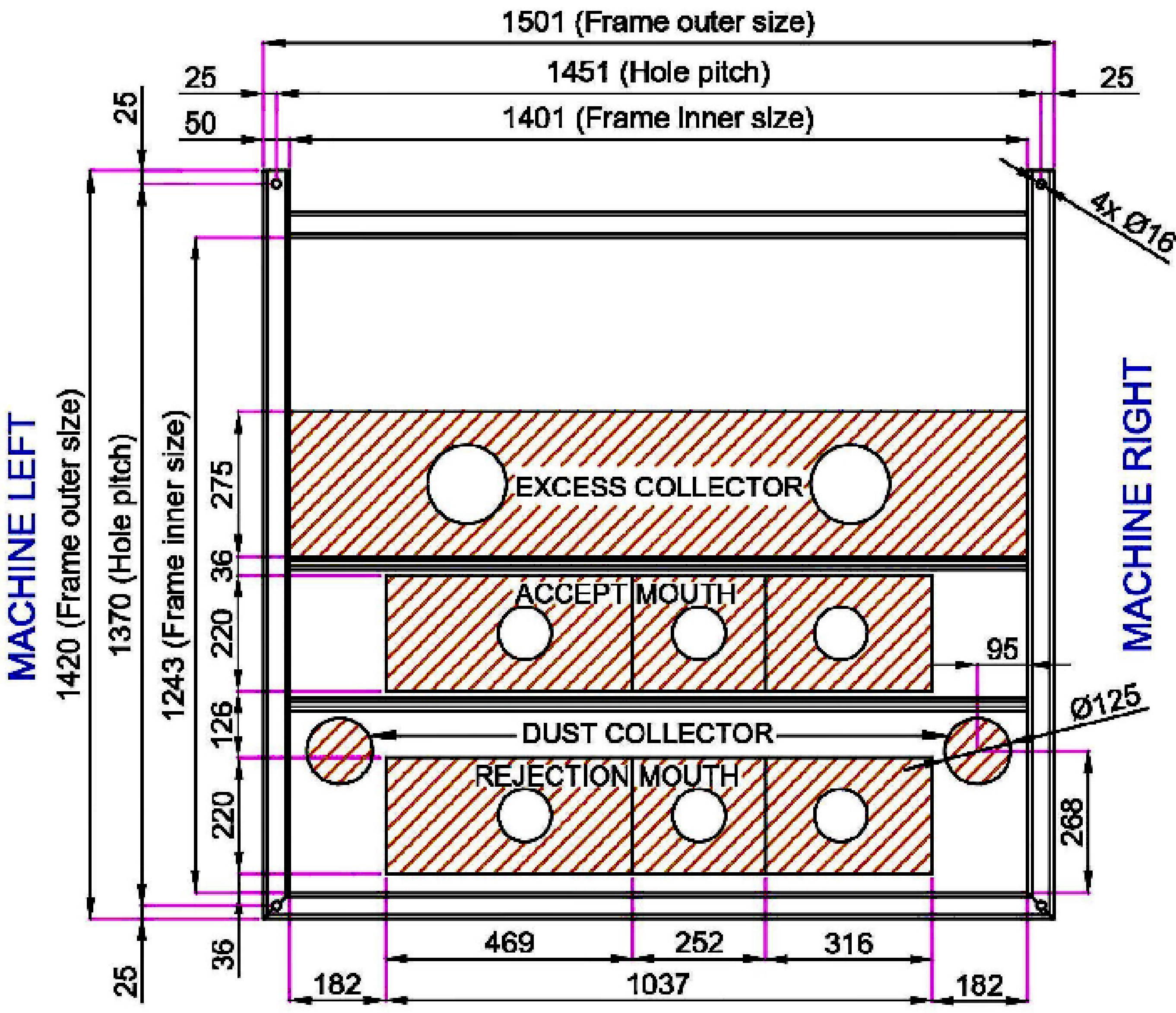


CABIN BASE

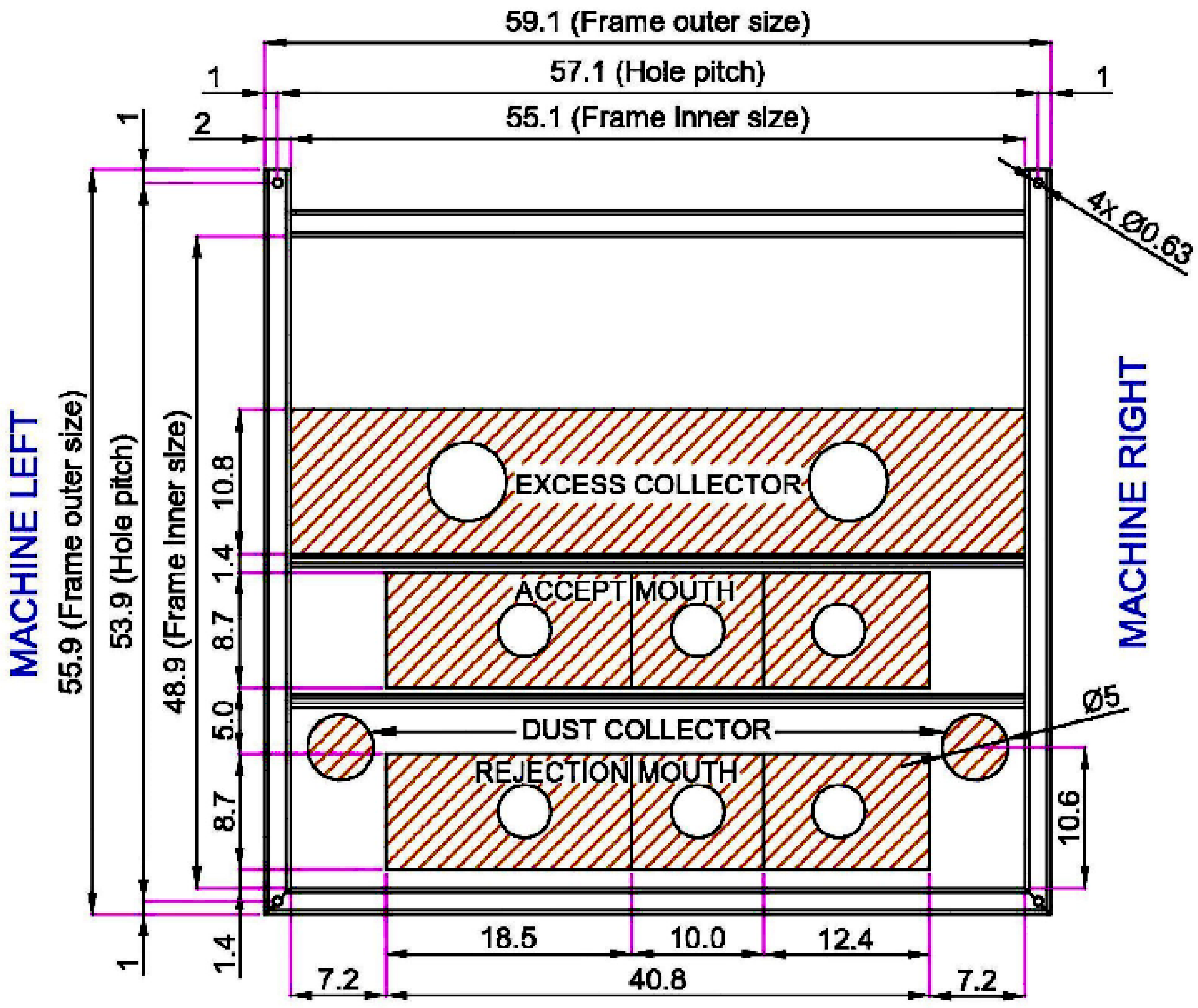
DO NOT SCALE DRAWING. CAD MATHEMATICAL DATA IS MASTER FOR THIS PART UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES UNLESS OTHERWISE SPECIFIED		REVISION AA NOTES: NEW RELEASE	
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		MATERIAL	
		WEIGHT	
GEOMETRIC DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ASME Y14.5M-1994		REVISION	
		DRAWING NUMBER (SAP DOC # - TYPE - VERSION #)	
		3D CAD FILE (SAP DOC # - TYPE - VERSION #)	
		THIRD ANGLE PROJECTION 	
		PART NAME (SAP 3D CAD DIR DESCRIPTION)	
		SHT	
		OF	
		SIZE	
		SCALE	
		1:50	

4FT MACHINE FRAME SIZE

DIMENSIONS IN MM
MACHINE REAR



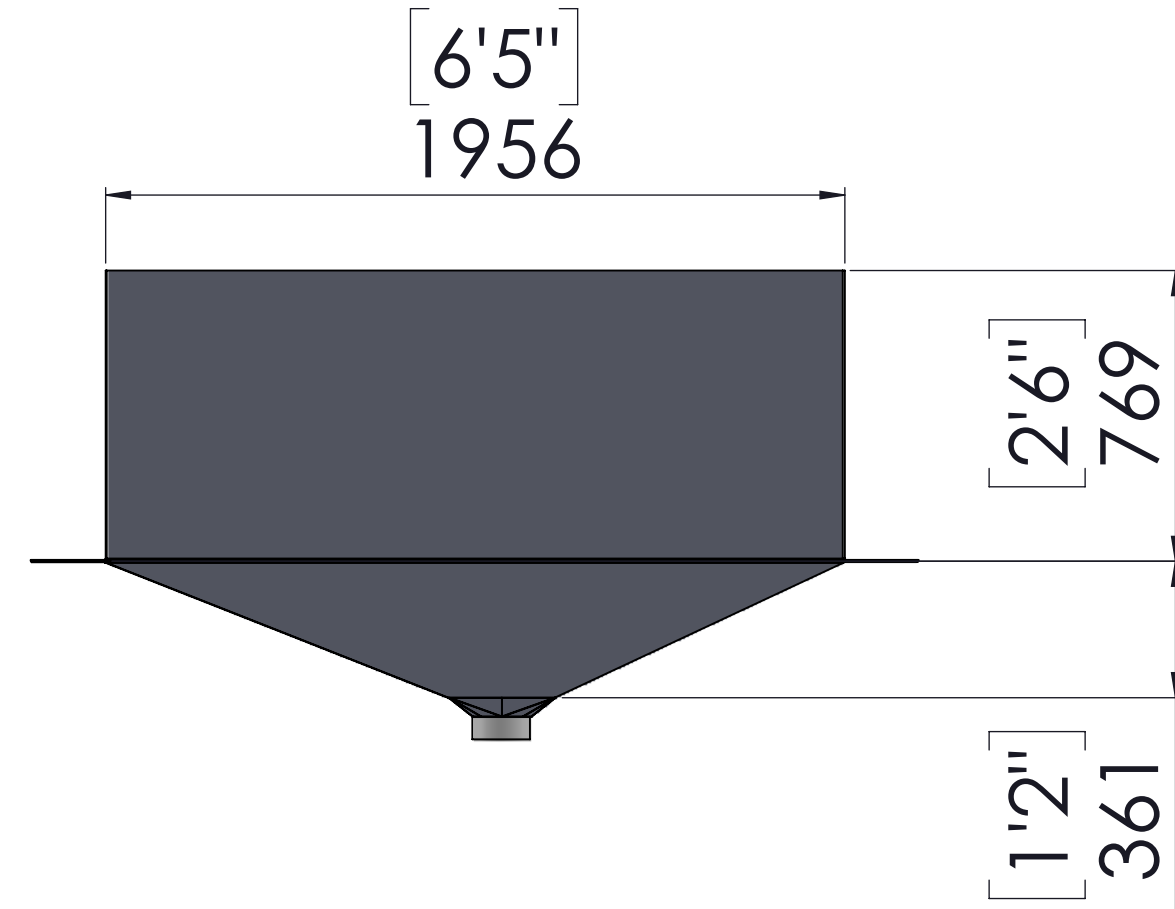
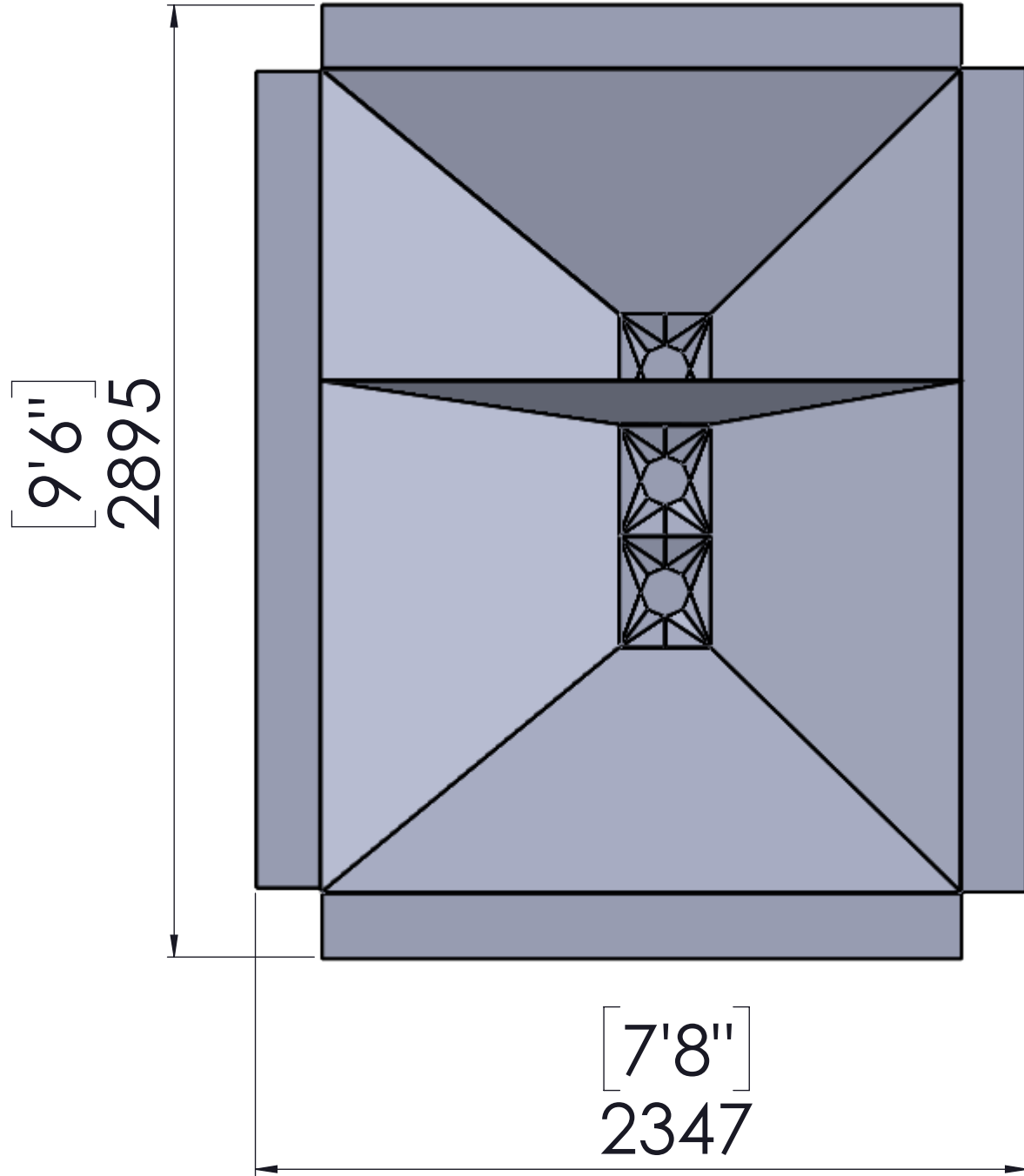
DIMENSIONS IN INCH
MACHINE REAR



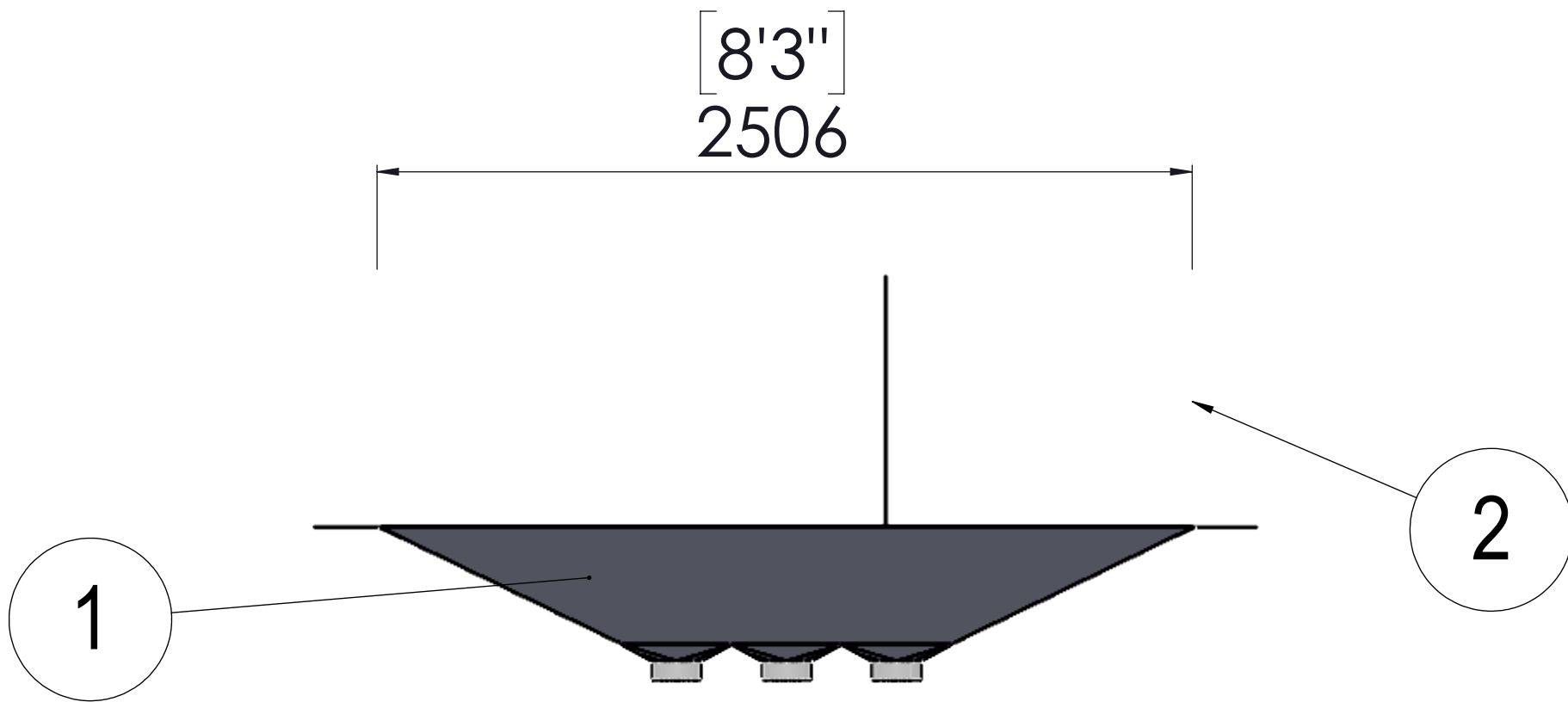
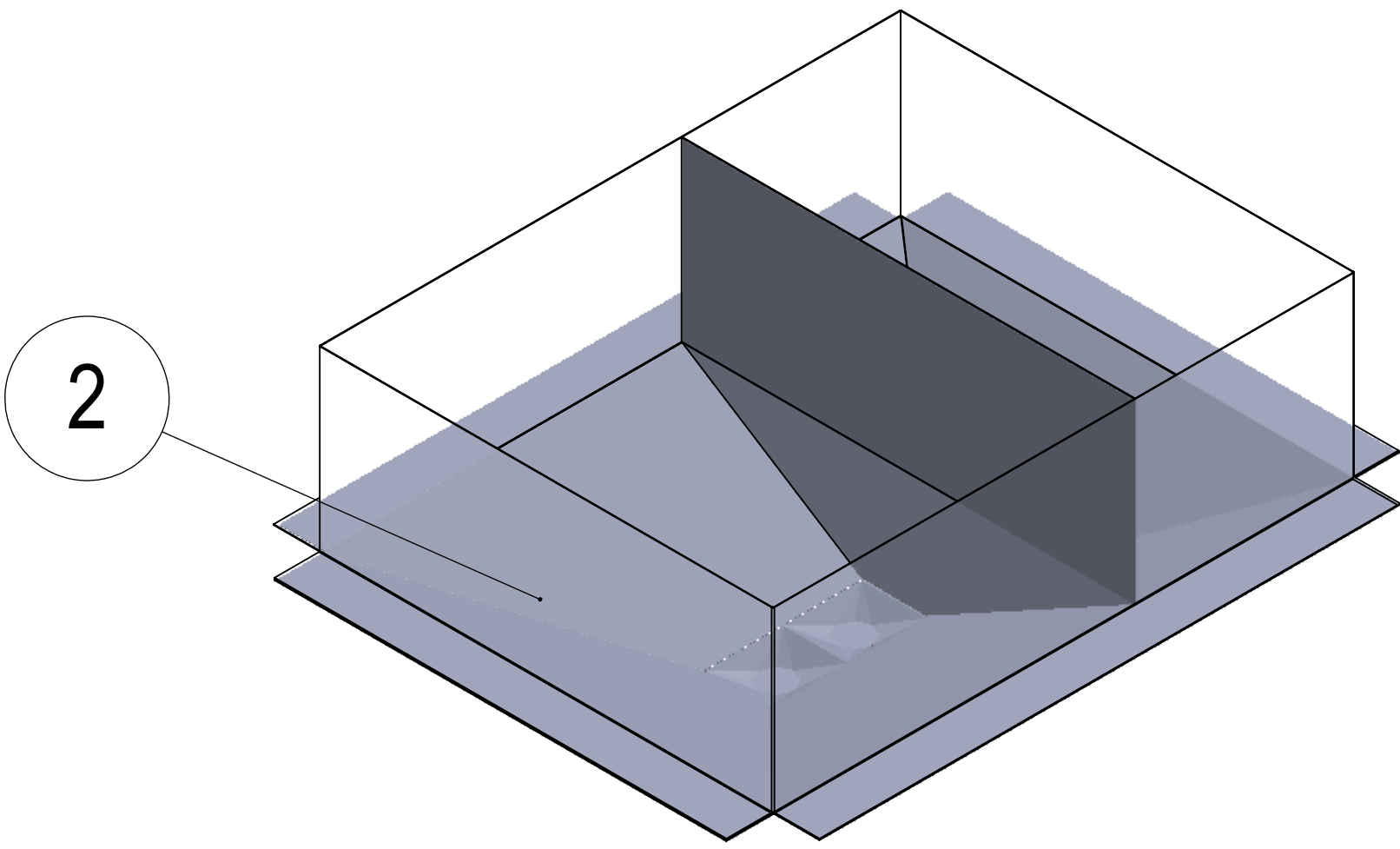
Frame cut out size



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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	
		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 4 OF 13 SIZE D SCALE 1:10	
		REVISION AA	

STORAGE HOPPER

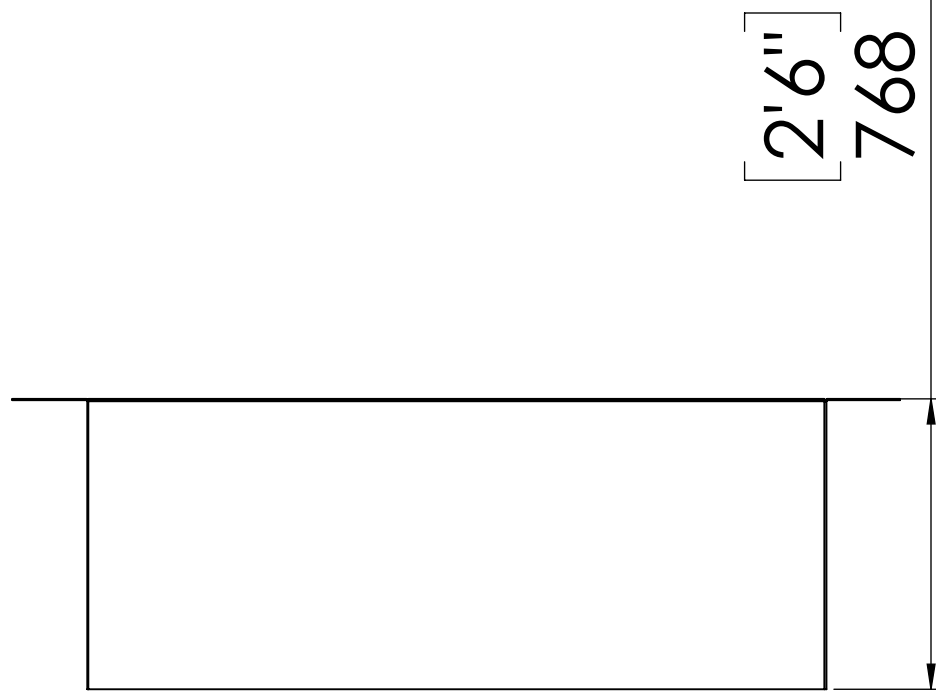
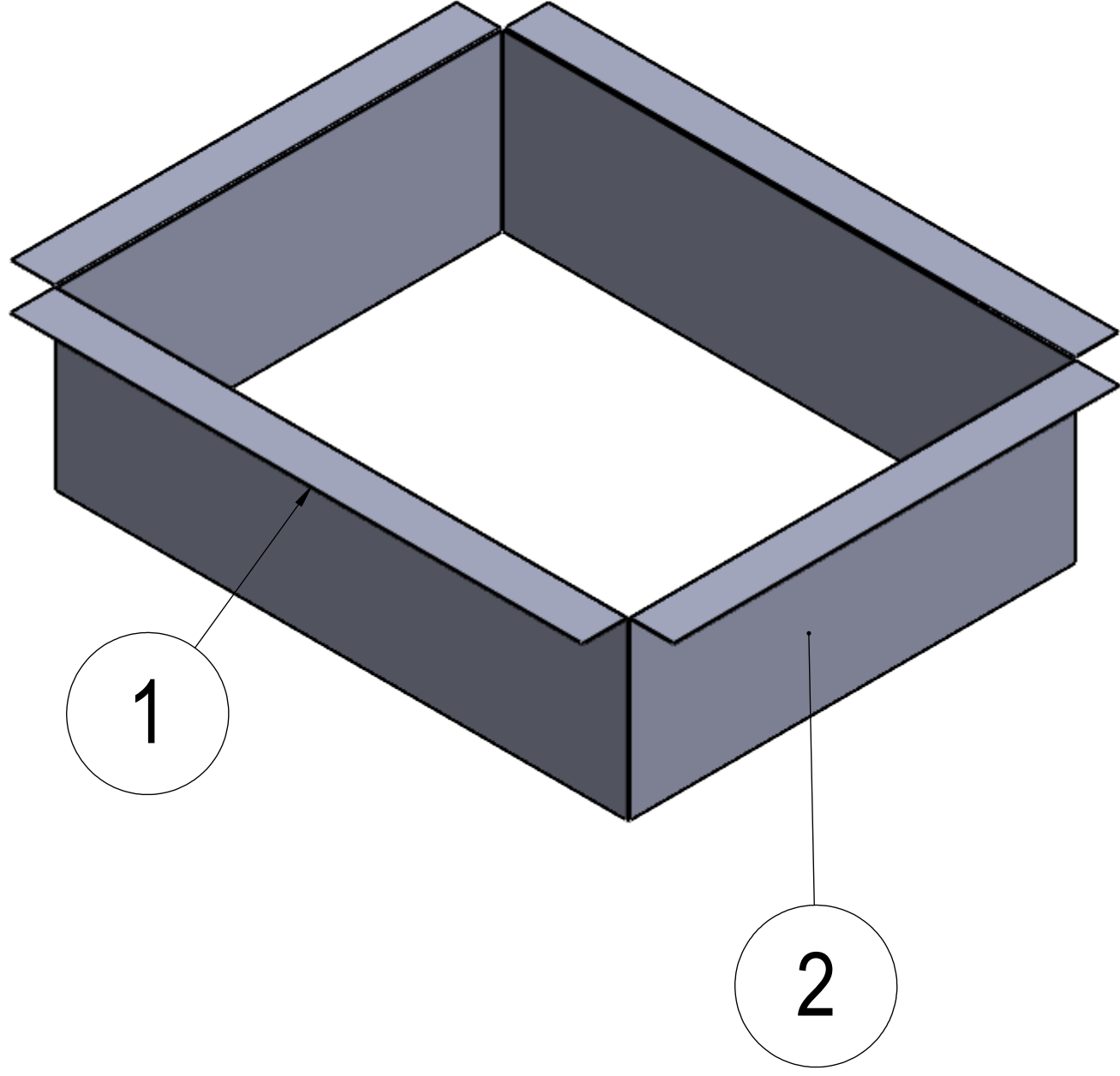
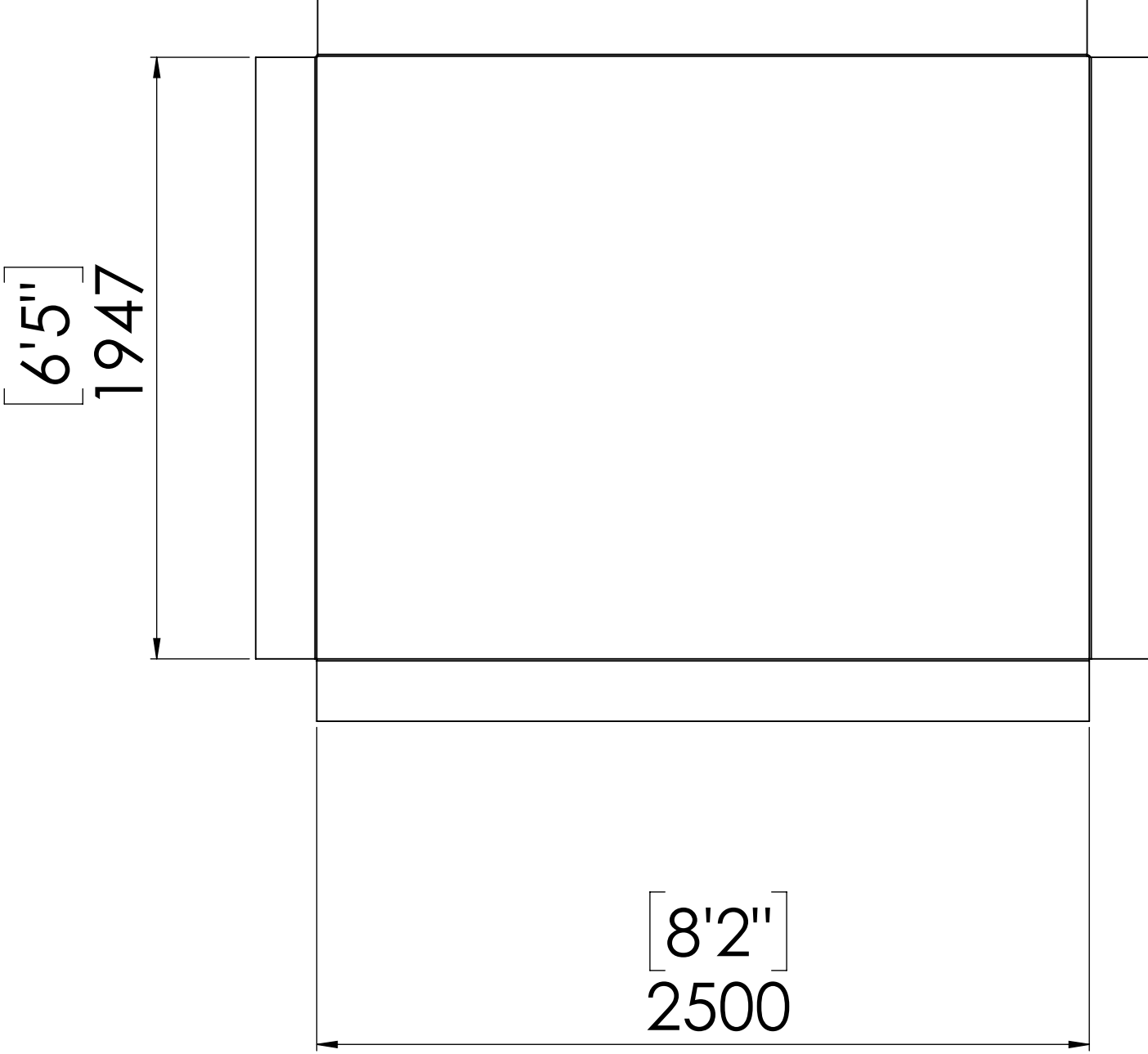


ITEM NO.	DESCRIPTION	QTY.
1	STORAGE HOPPER BOTTOM	1
2	STORAGE HOPPER TOP	1
3	SEPERATOR 2	1
4	PIPE	3
5	PIPE CONNECTOR 1	3



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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 : Checked by : Prepared by :  Shijo Vinayaka Jayapradhaban		DATE 26/12/2020 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 OF SIZE SCALE	
				5 13 D 1:20	
				REVISION 	

STORAGE HOPPER TOP PART



DOWN 90° R 3

ITEM NUMBER:1
FLAT PATTERN
SCALE: 1:20

DOWN 90° R 3

DOWN 90° R 3

DOWN 90° R 3

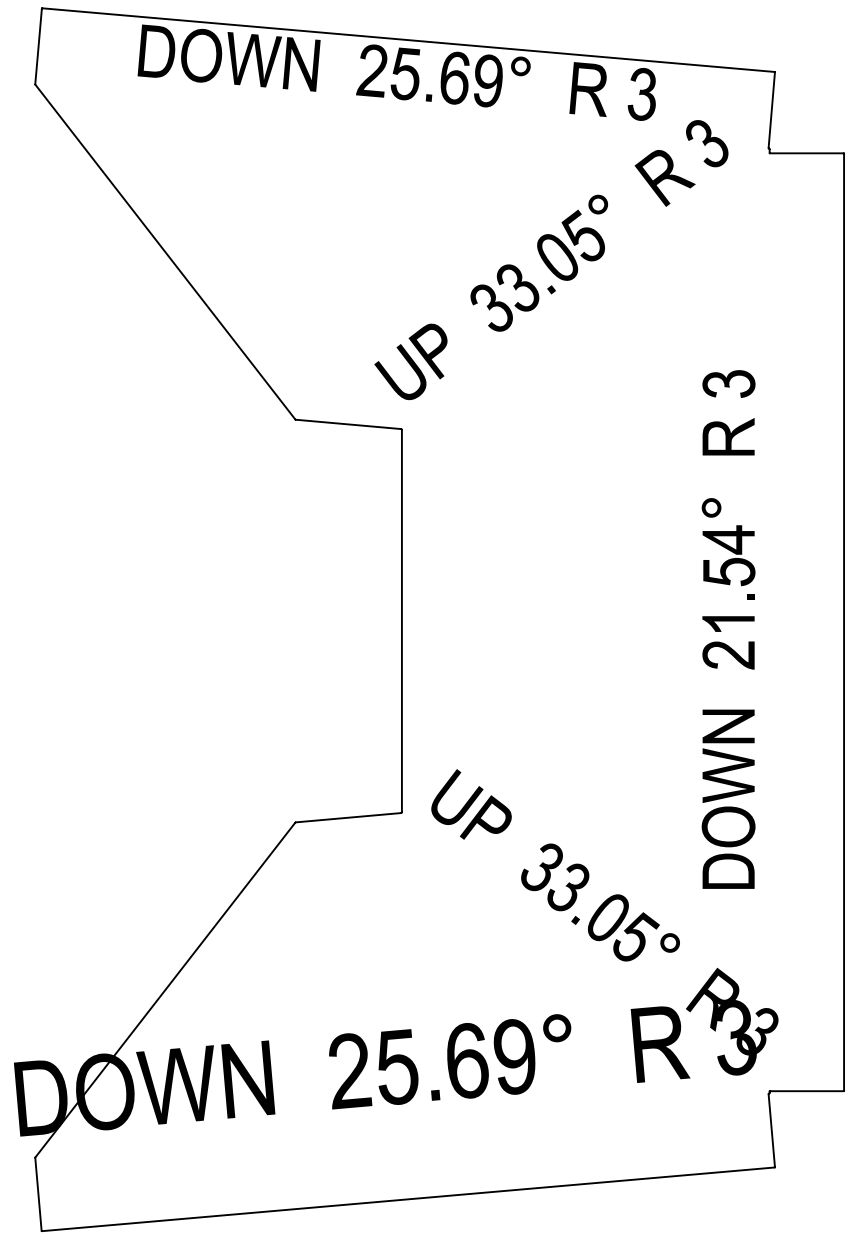
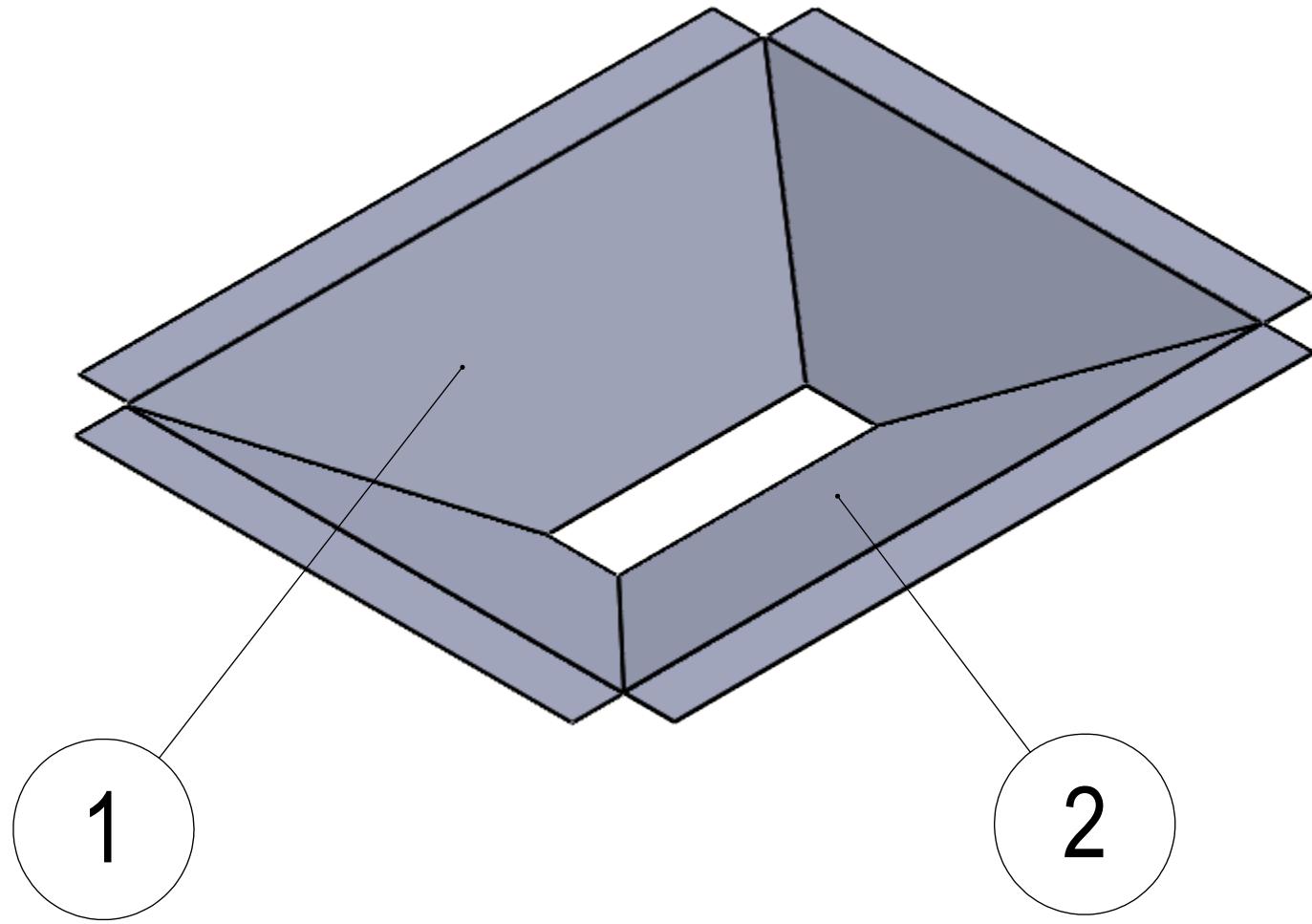
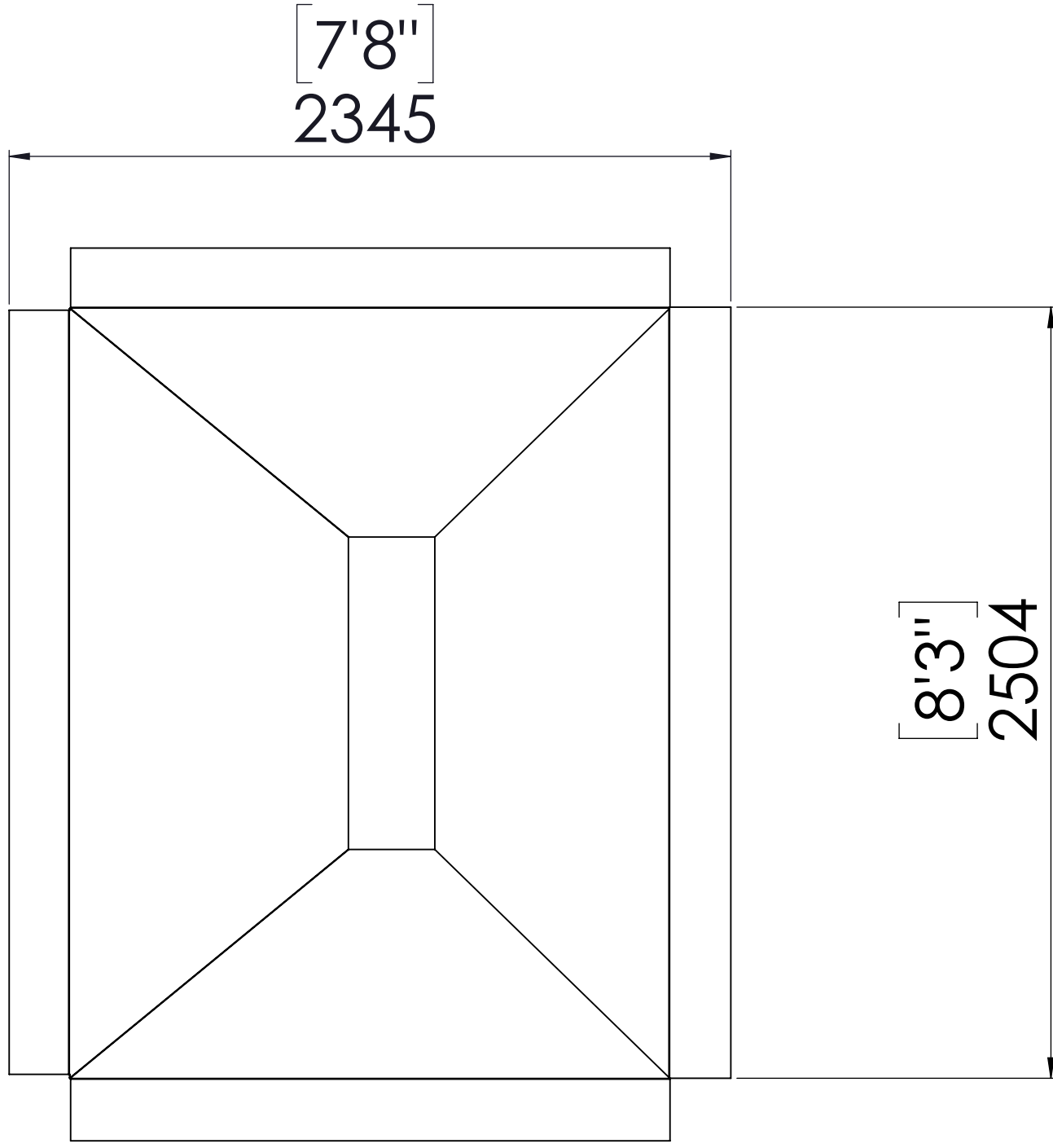
ITEM NUMBER:2
FLAT PATTERN
SCALE: 1:20

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

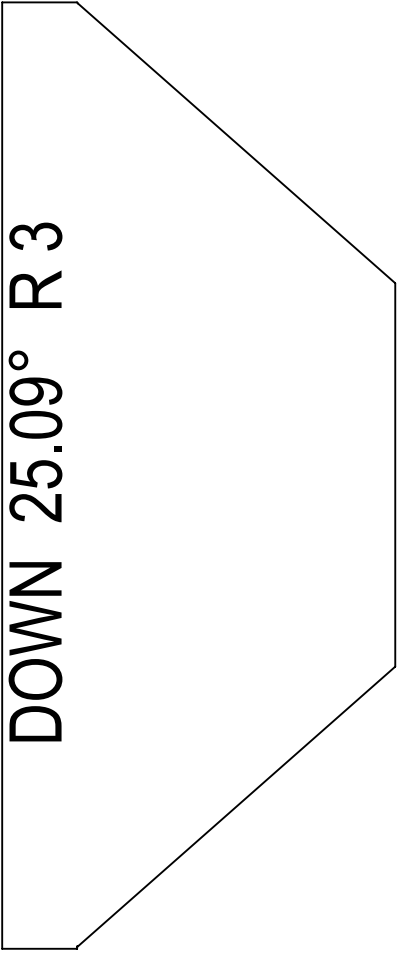
DO NOT SCALE DRAWING. CAD MATHEMATICAL DATA IS MASTER FOR THIS PART UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES UNLESS OTHERWISE SPECIFIED	
UNSPECIFIED TOLERANCES ARE: LINEAR: ±1.0mm ANGULAR: ±0.5°	
UNLESS OTHERWISE SPECIFIED GEOMETRIC TOLERANCES ARE: ISO 2768-mK	
GEOMETRIC DIMENSIONING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

REVISION AA NOTES: NEW RELEASE			
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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 6		OF 13	
SIZE D		SCALE 1:20	
		REVISION	
		AA	

STORAGE HOPPER BOTTOM

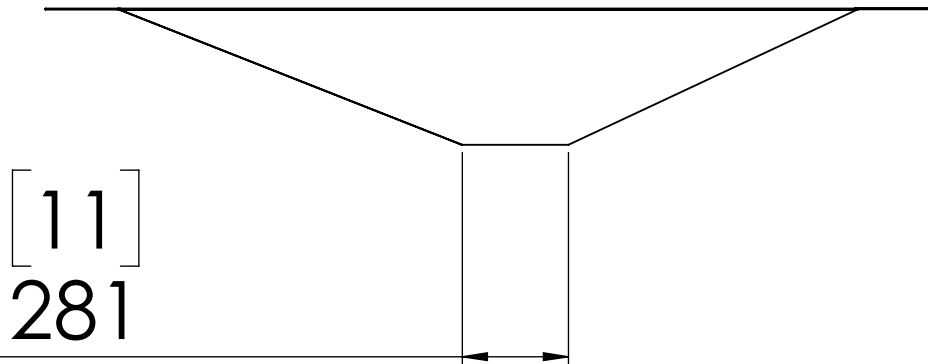



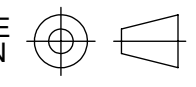

ITEM NUMBER:1
FLAT PATTERN
SCALE: 1:20



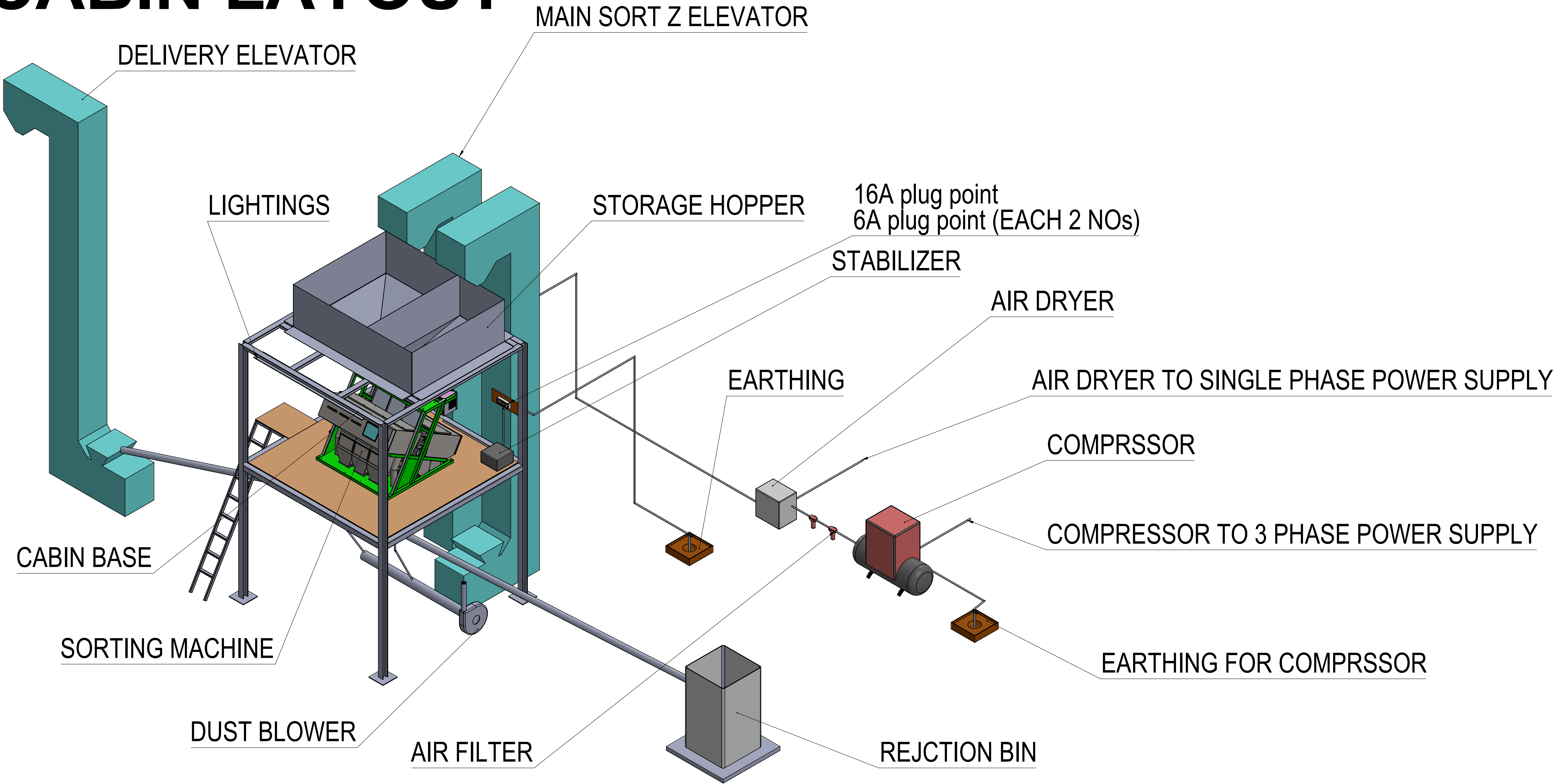
ITEM NUMBER:2
FLAT PATTERN
SCALE: 1:20

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


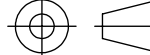



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GEOMETRIC DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ASME Y14.5M-1994				Approved by : Shijo Checked by : Vinayaka Prepared by : Jayapradhaban	DATE 26/12/2020
		3D CAD FILE (SAP DOC # - TYPE - VERSION #)		THIRD ANGLE PROJECTION 	
		PART NAME (SAP 3D CAD DIR DESCRIPTION)		SHT 7	OF 13
				SIZE D	SCALE 1:20
				REVISION 	

CABIN LAYOUT

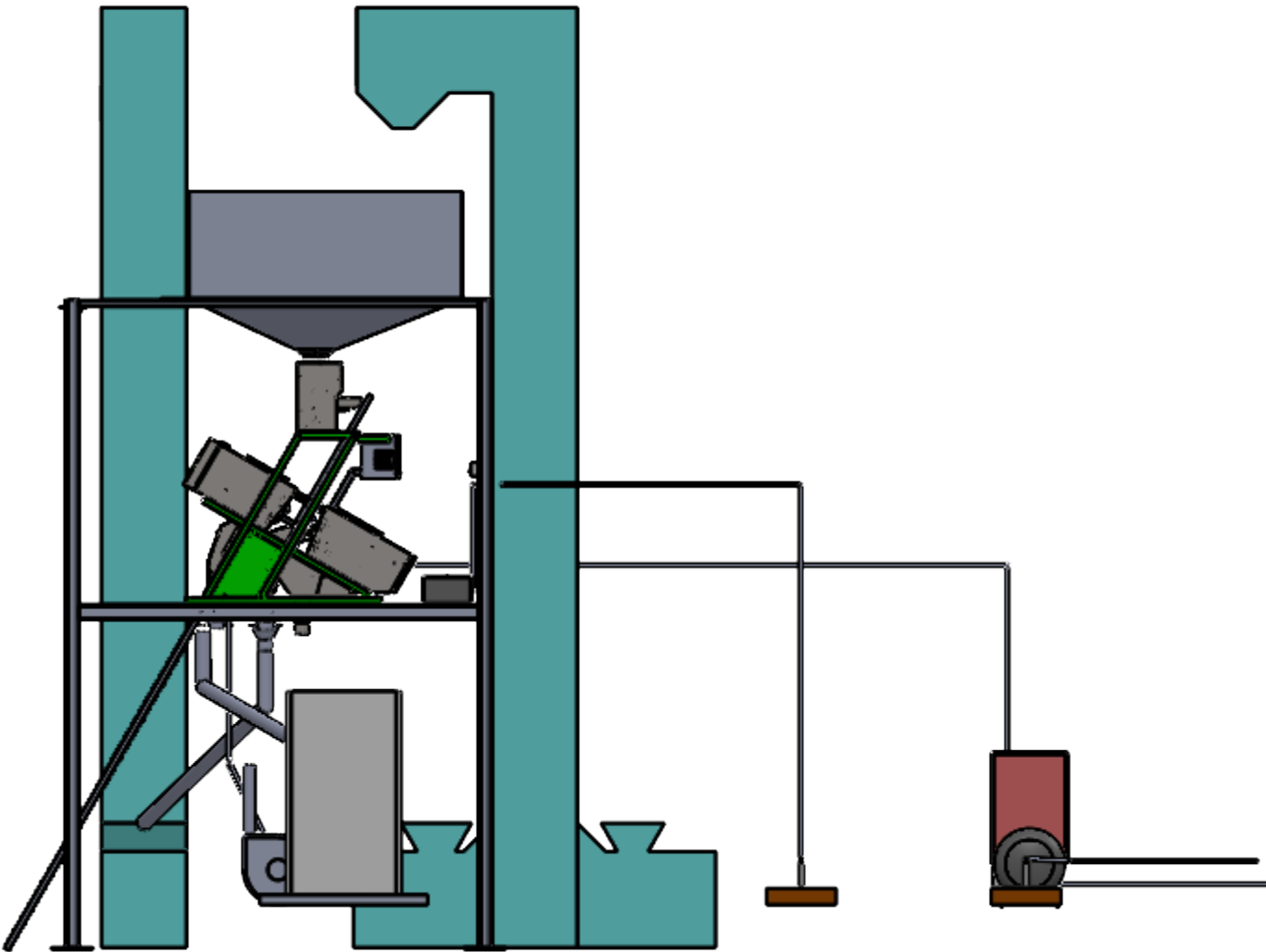
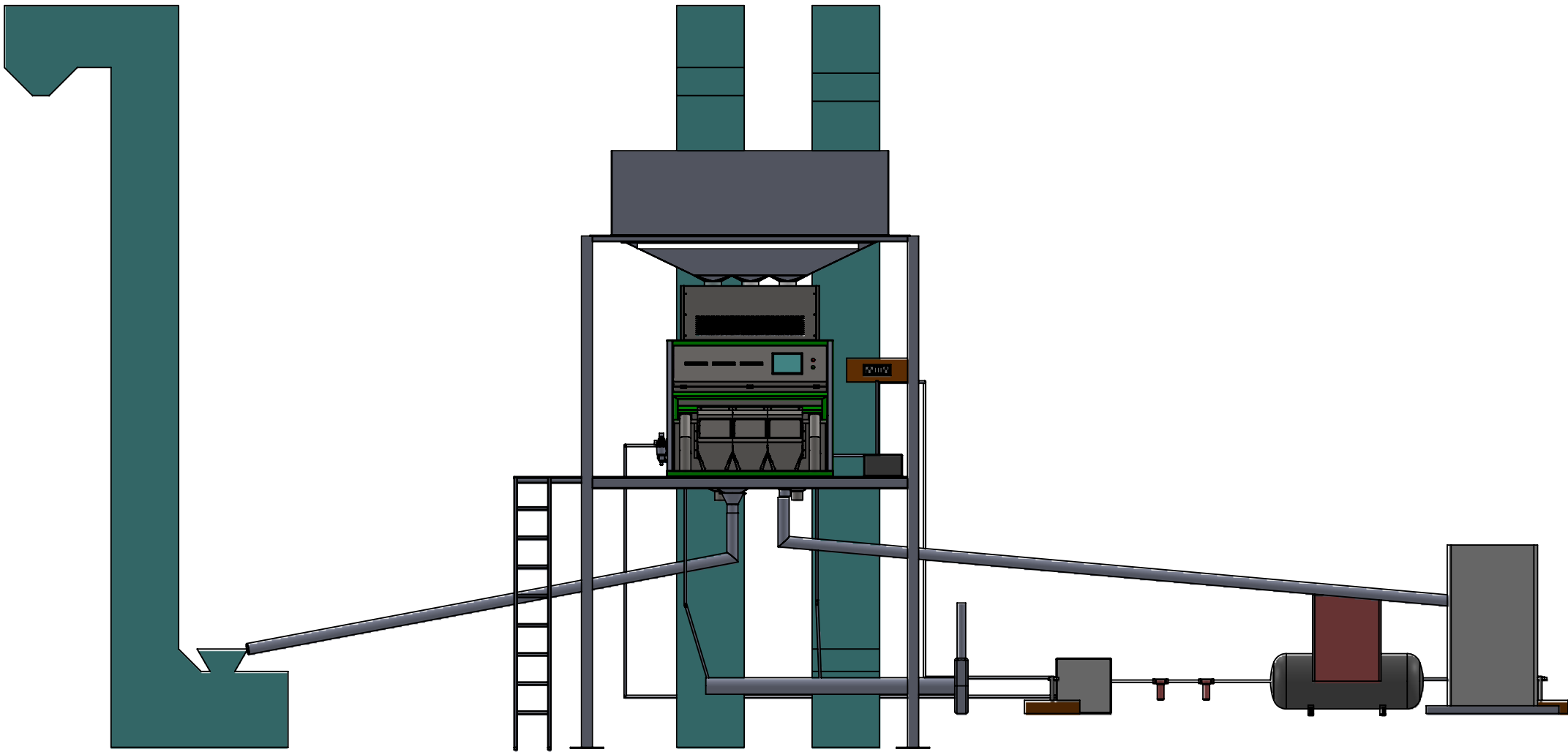
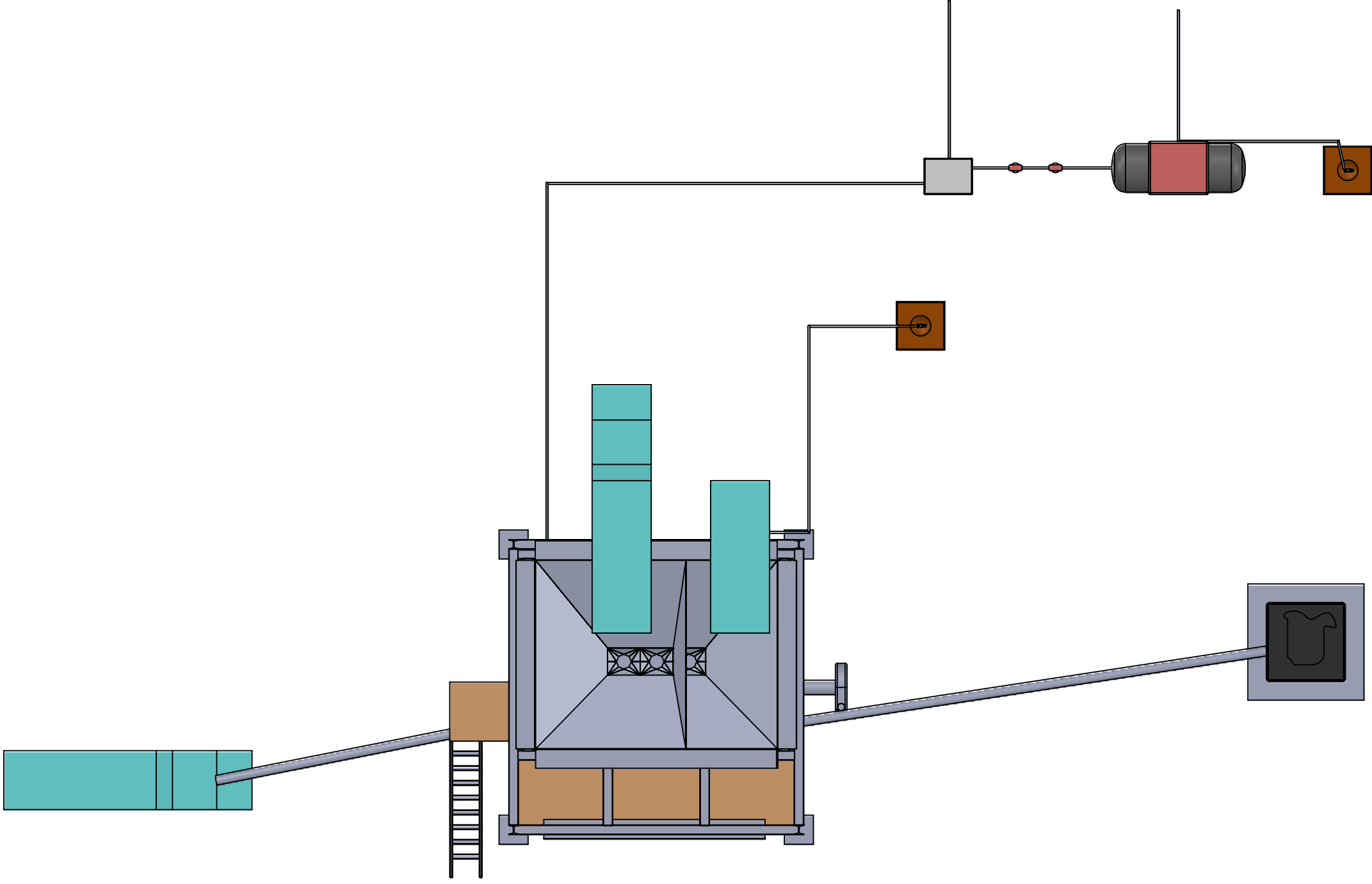


NOTE: THE LAYOUT SHOWN ABOVE IS FOR REPRESENTATION PURPOSE ONLY FRAME BASE CUTOUT AND STAIRCASE ARRANGEMENT CAN BE ALTERED AS PER REQUIREMENT. THE LIGHTINGS CAN ALSOBE POSITIONED AS PER CONVINIENCE.

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GEOMETRIC DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ASME Y14.5M-1994		<div><div></div><div><div>Approved by : Shijo Checked by : Vinayaka Prepared by : Jayapradhaban</div><div>DATE 26/12/2020</div></div></div>	
		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 8	OF 13
		SIZE D	SCALE 1:50
			

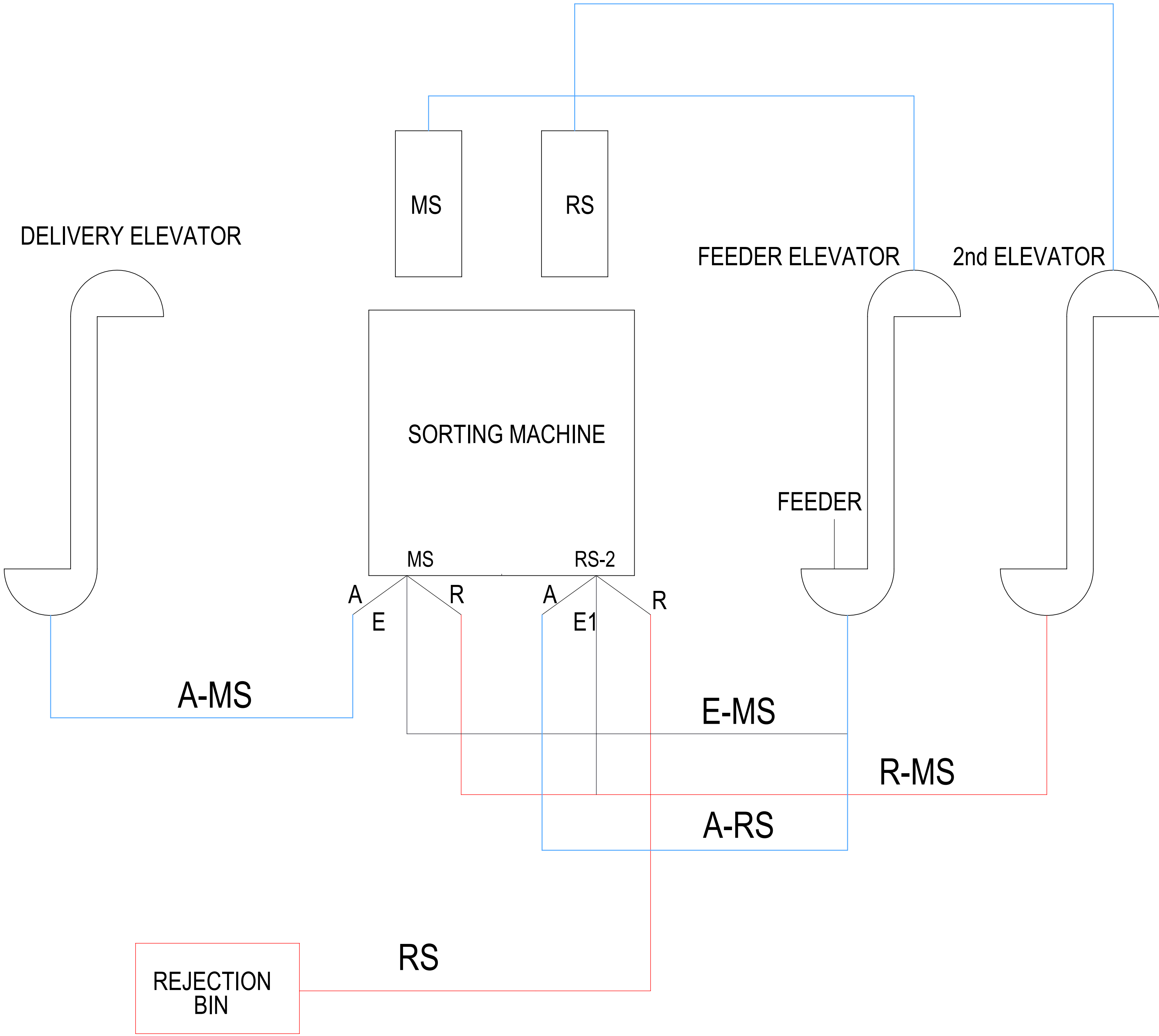
CABIN LAYOUT

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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 #)
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				PART NAME (SAP 3D CAD DIR DESCRIPTION)	SHT 9
					OF 13
					SIZE D
					SCALE 1:50
					REVISION
					AA

CONNECTIONS



- MS- MAIN SORT
 - RS - RESORT
 - A-MS- ACCEPTANCE FROM MAIN SORT
 - R-MS- REJECTION FROM MAIN SORT
 - E-MS- EXCESS COLLECTOR
 - A-RS - ACCEPTANCE FROM RESORT
 - R-RS - REJECTION FROM RESORT
 - E1-RS- EXCESS COLLECTOR
- ACCEPTANCE CONNECTION
- REJECTION CONNECTION
- EXCESS COLLECTOR CONNECTION

Customer Specifications

Customers needs to purchase seperately below mentioned equipments with mentioned specifcations

COMPRESSOR SPECIFICATIONS

- 1. 3PHASE 15HP COMPRESSOR REQUIRED
- 2. 63A MCB TO BE USED
- 3. COMPRESSOR MUST BE OPERATED AT 7.5 BAR PRESSURE
- 4. FREE VENTILATION MUST BE PROVIDED
- 5. COMPRESSOR MUST BE GROUNDED
- 6. AIR LINE CONNECTION 3/4" OR 1" PIPE CPVC OR GI PIPE
- 7. MACHINE TO AIR LINE HOSE PIPE - 3/4" OR 1"

CONNECTING CABLE SPECIFICATIONS

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

STORAGE HOPPER SPECIFICATIONS

- 1. REFER DRAWINGS FOR DIMENTIONS
- 2. 4.5+ METER CUBE STORAGE CAPACITY
- 3. 2400+ 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

MACHINE SPECIFICATIONS

- 1. MACHINE CAPACITY: 1200 TO 4500 KGS PER HOUR DEPENDING ON MATERIAL 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

DUST BLOWER SPECIFICATIONS

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

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		PART NAME (SAP 3D CAD DIR DESCRIPTION)		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


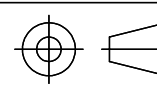

- 1. Electrical box fan dust filter clean

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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Air pressure



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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