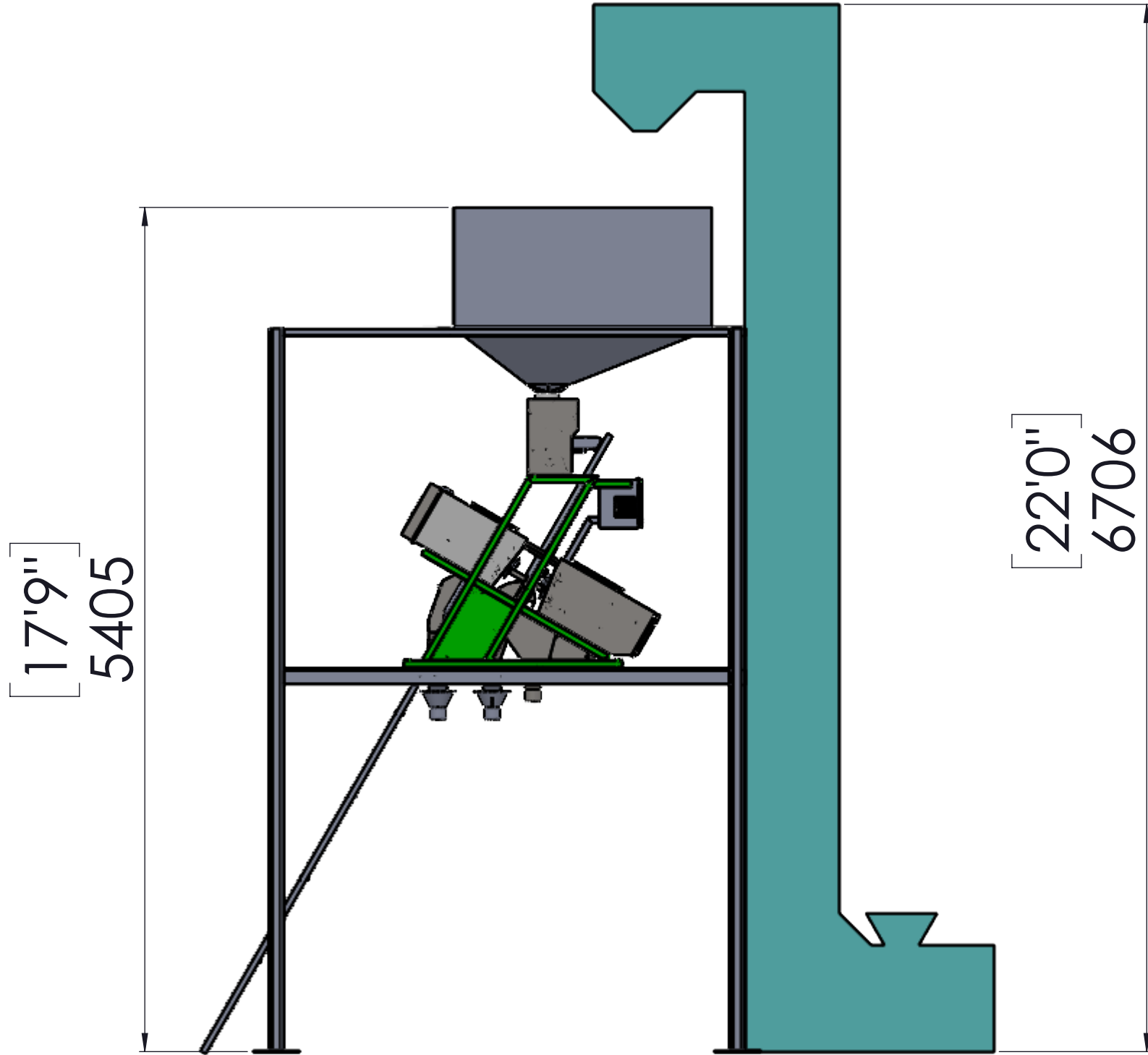
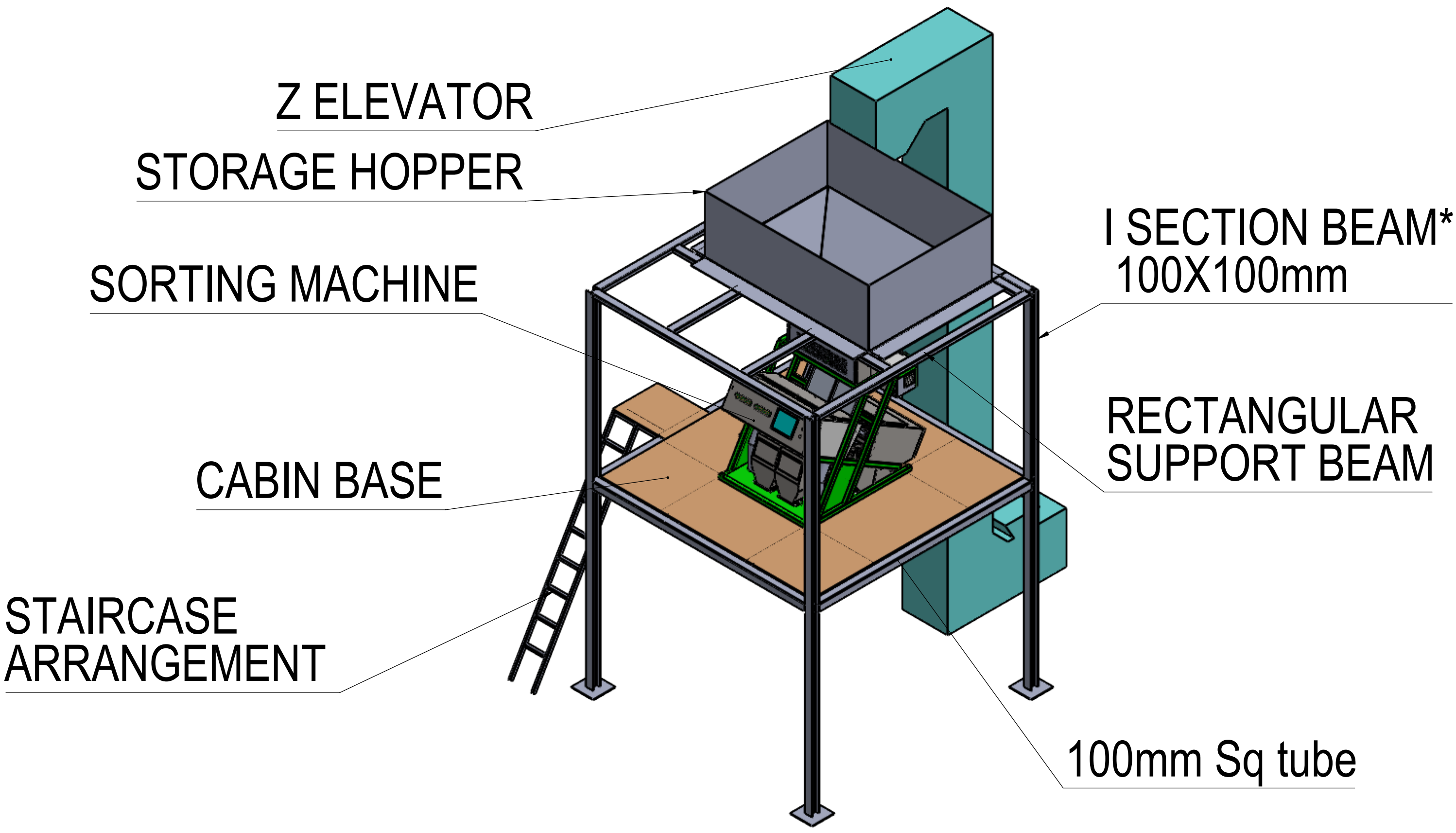
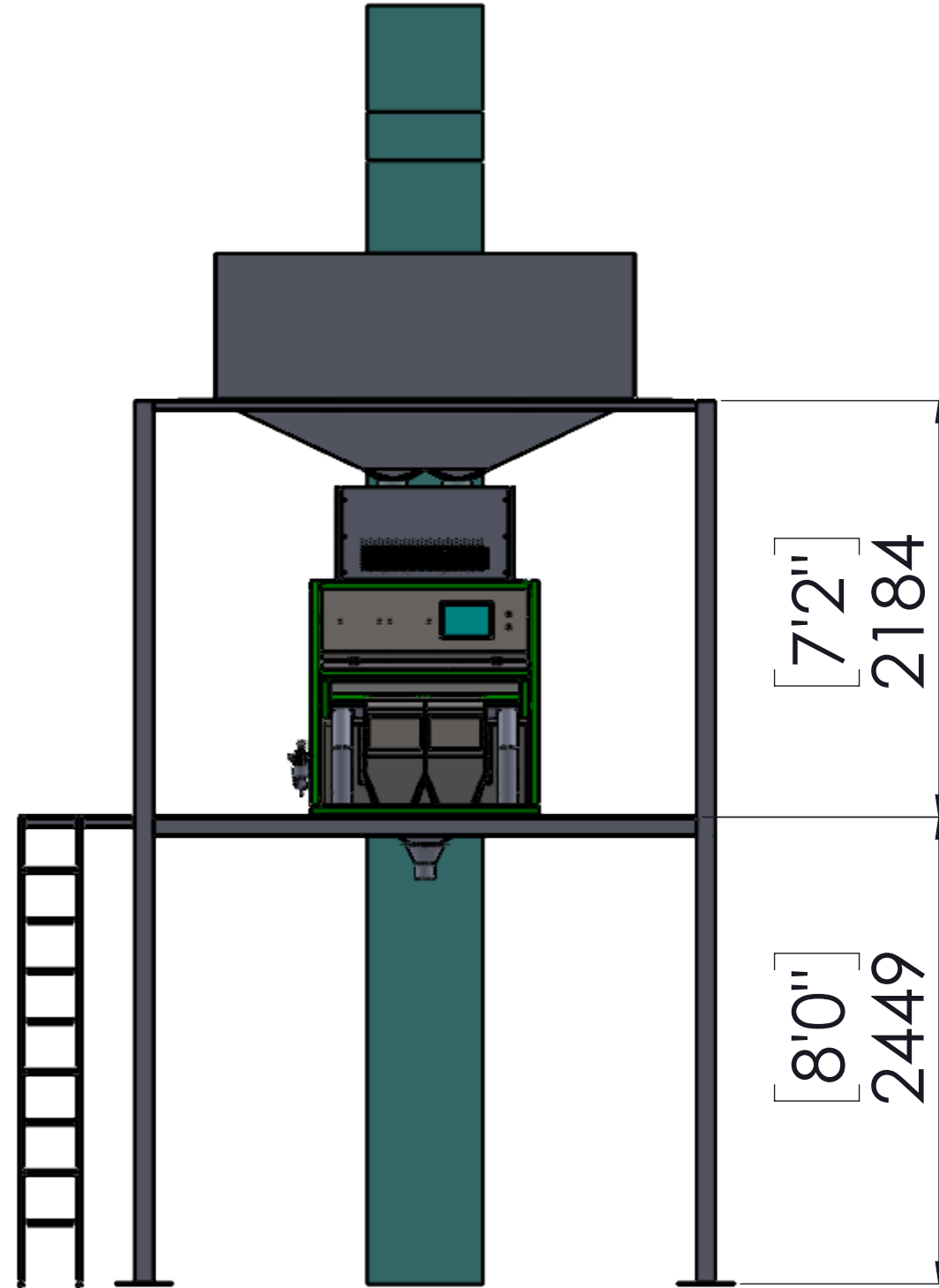
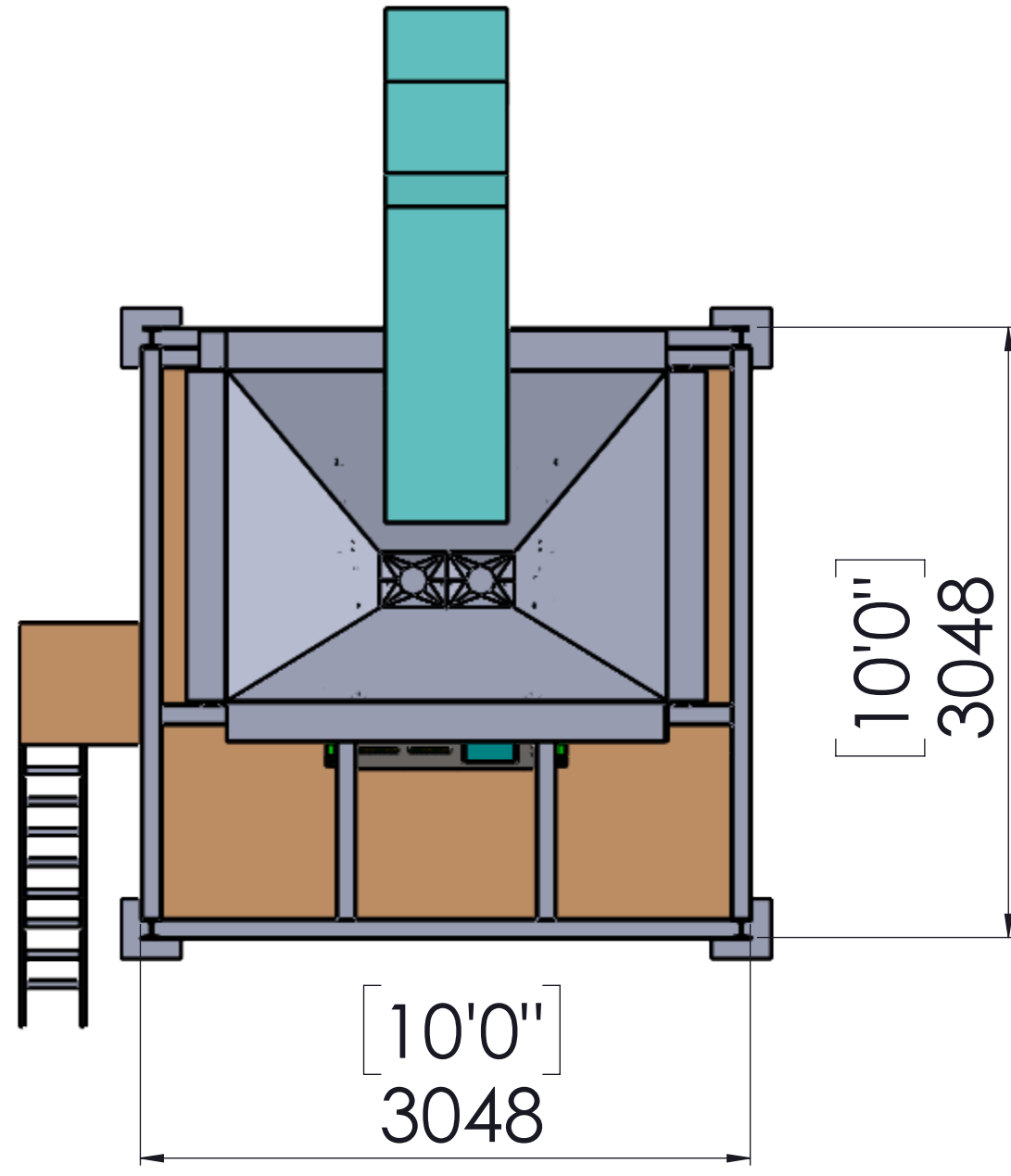


CABIN ARRANGMENT

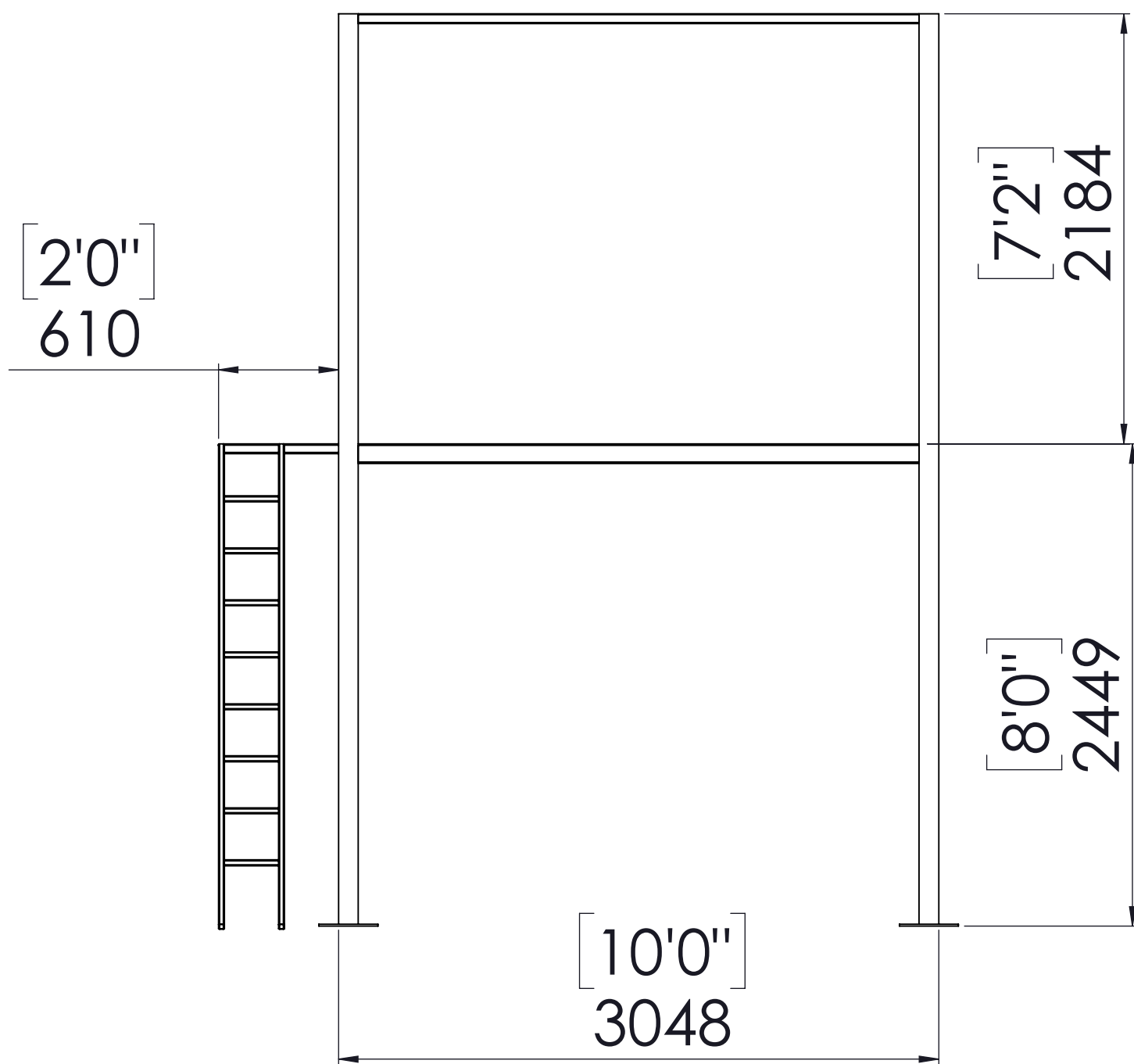
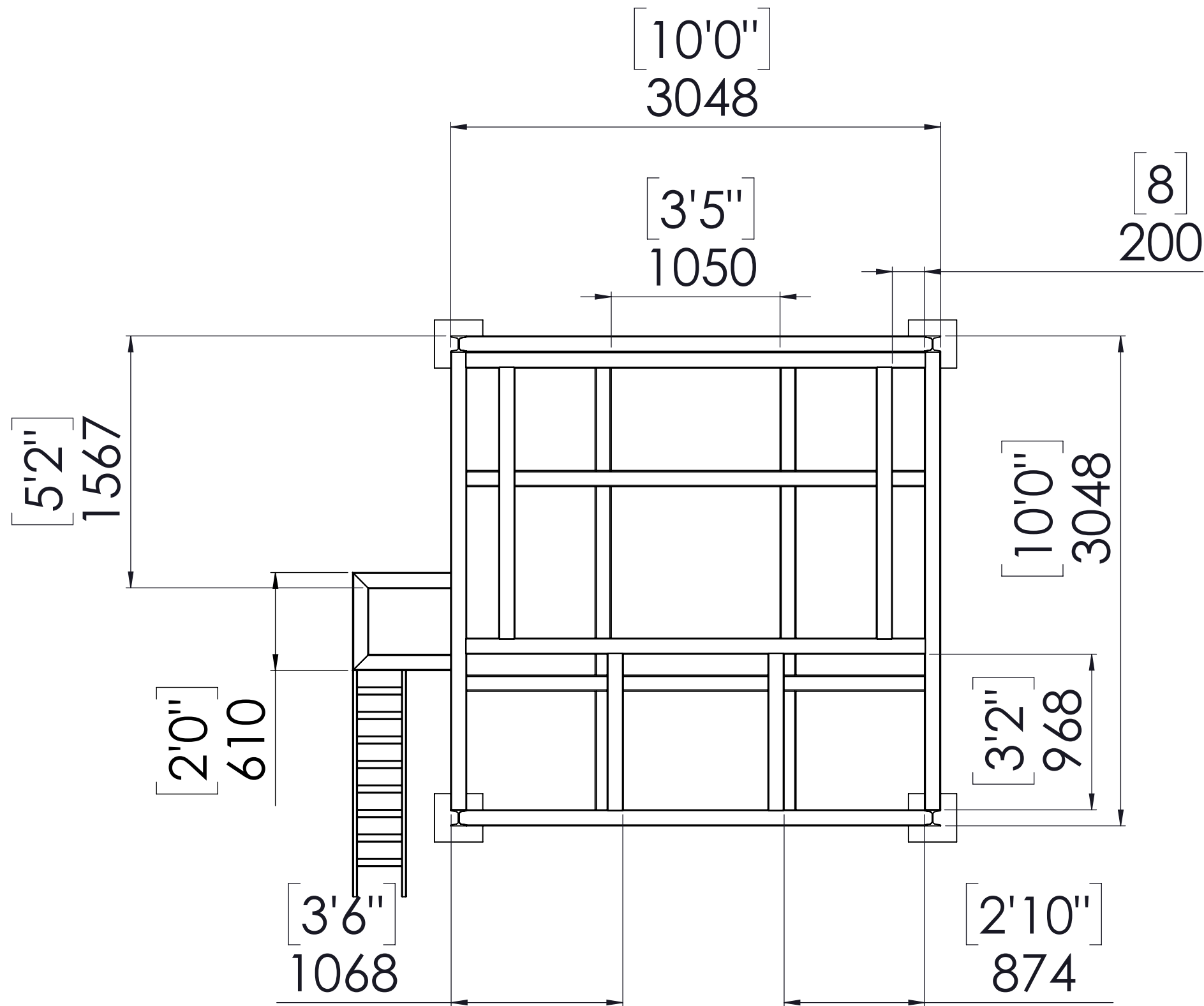


*RECTANGULAR SECTION BEAMS
CAN ALSO BE USED

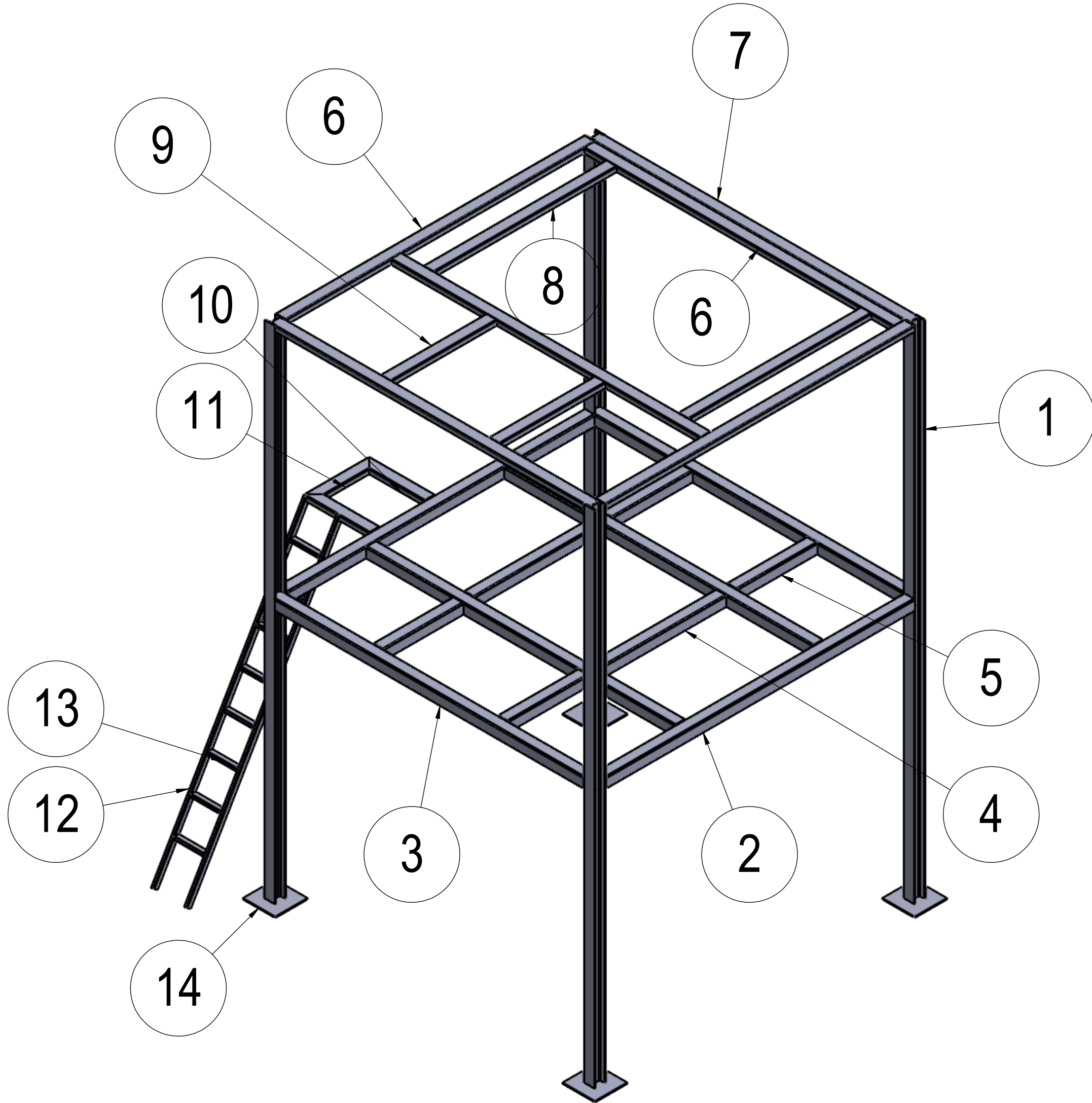
NOTE: ALL PRIMARY DIMENTIONS ARE IN mm,
AND ALL SECONDARY DIMENTIONS ARE
IN FEET AND INCHES

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		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	1690	66.5	2
9	978	38.5	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: $\pm 0.5^\circ$	
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Approved by : Shijo Checked by : Vinayaka Prepared by : Jayapradhaban		DATE 26/12/2020		THIRD ANGLE PROJECTION		SHT 2	
PART NAME (SAP 3D CAD DIR DESCRIPTION)		OF 13		SIZE D		SCALE 1:50	

C

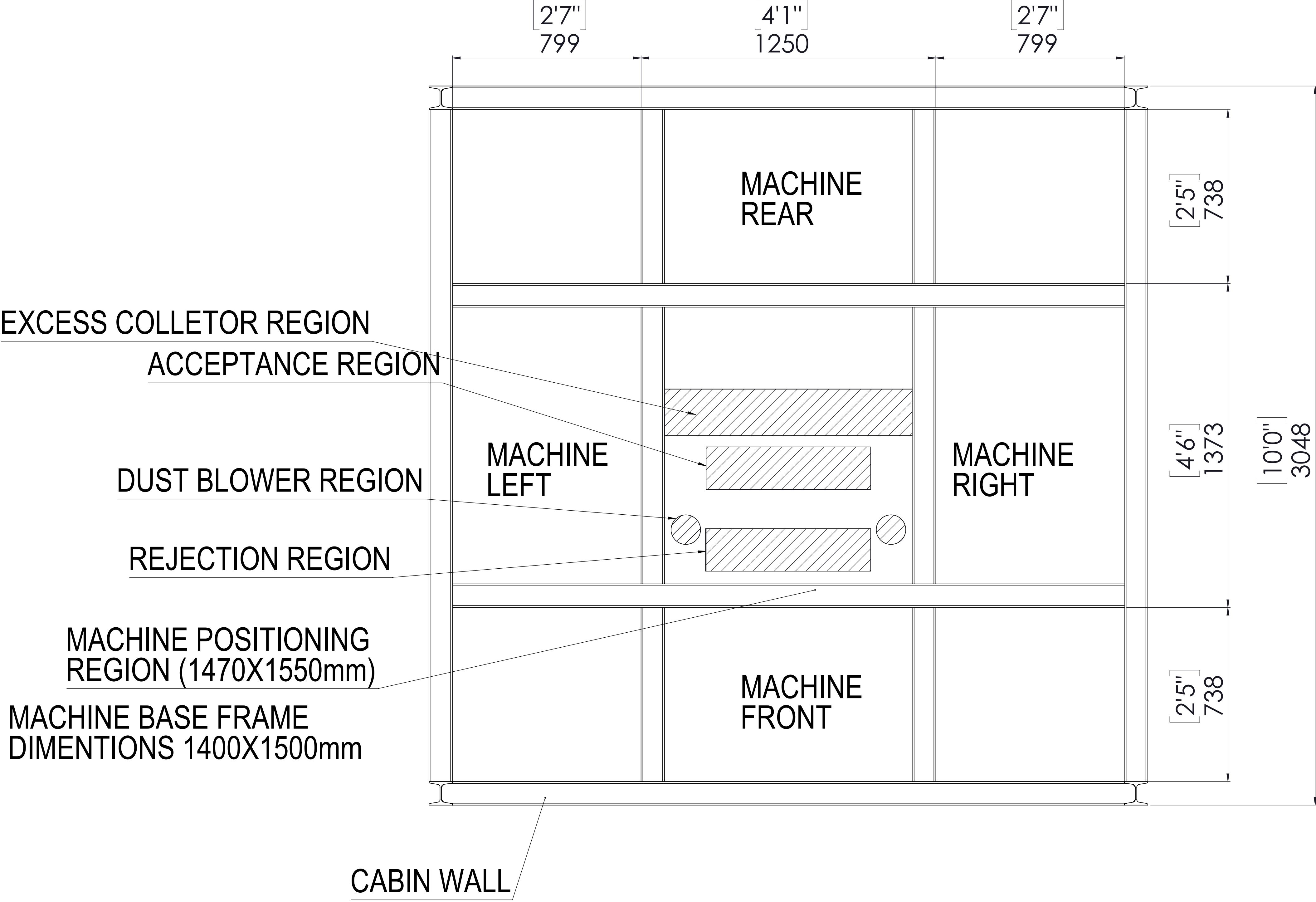
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B



B

A

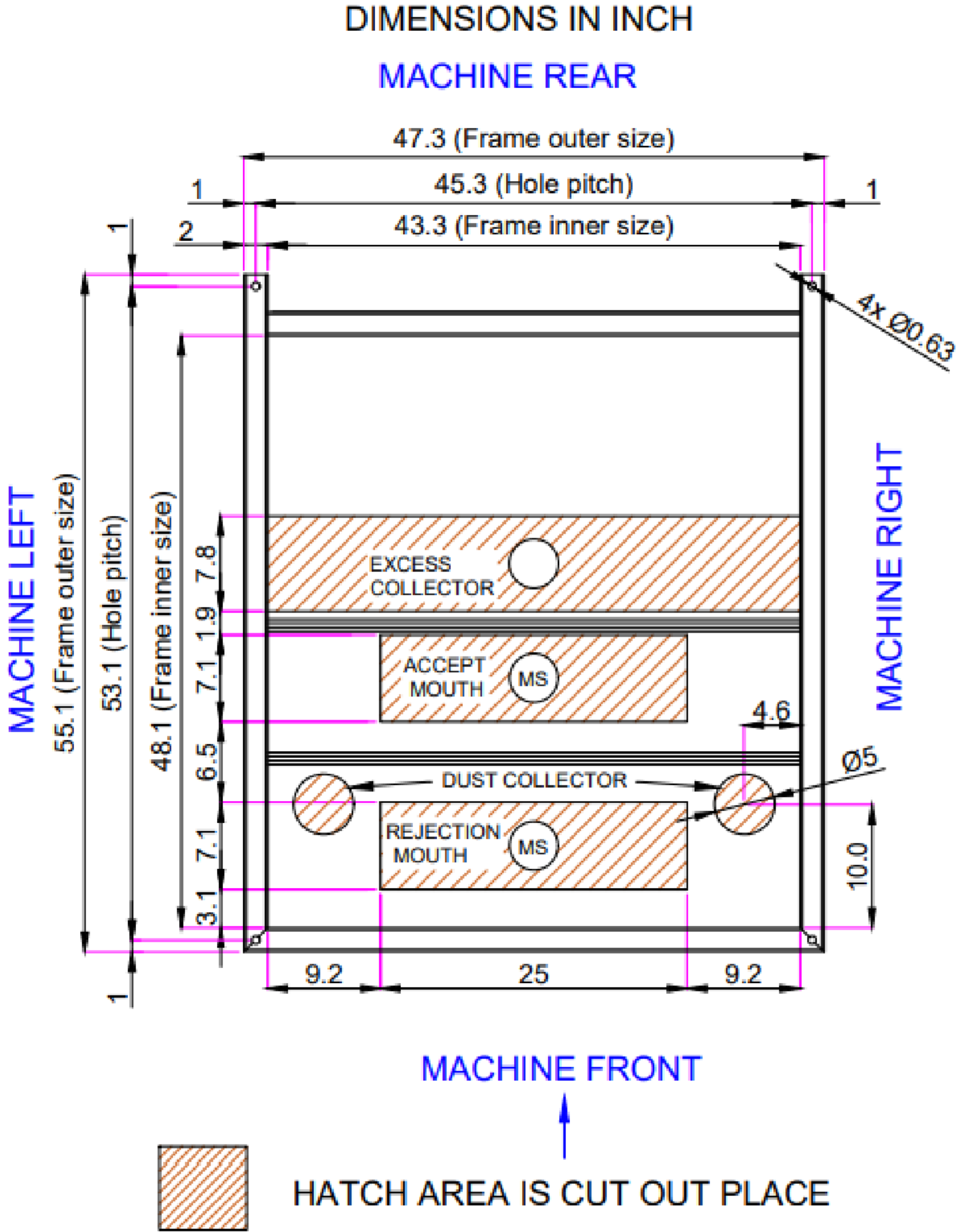
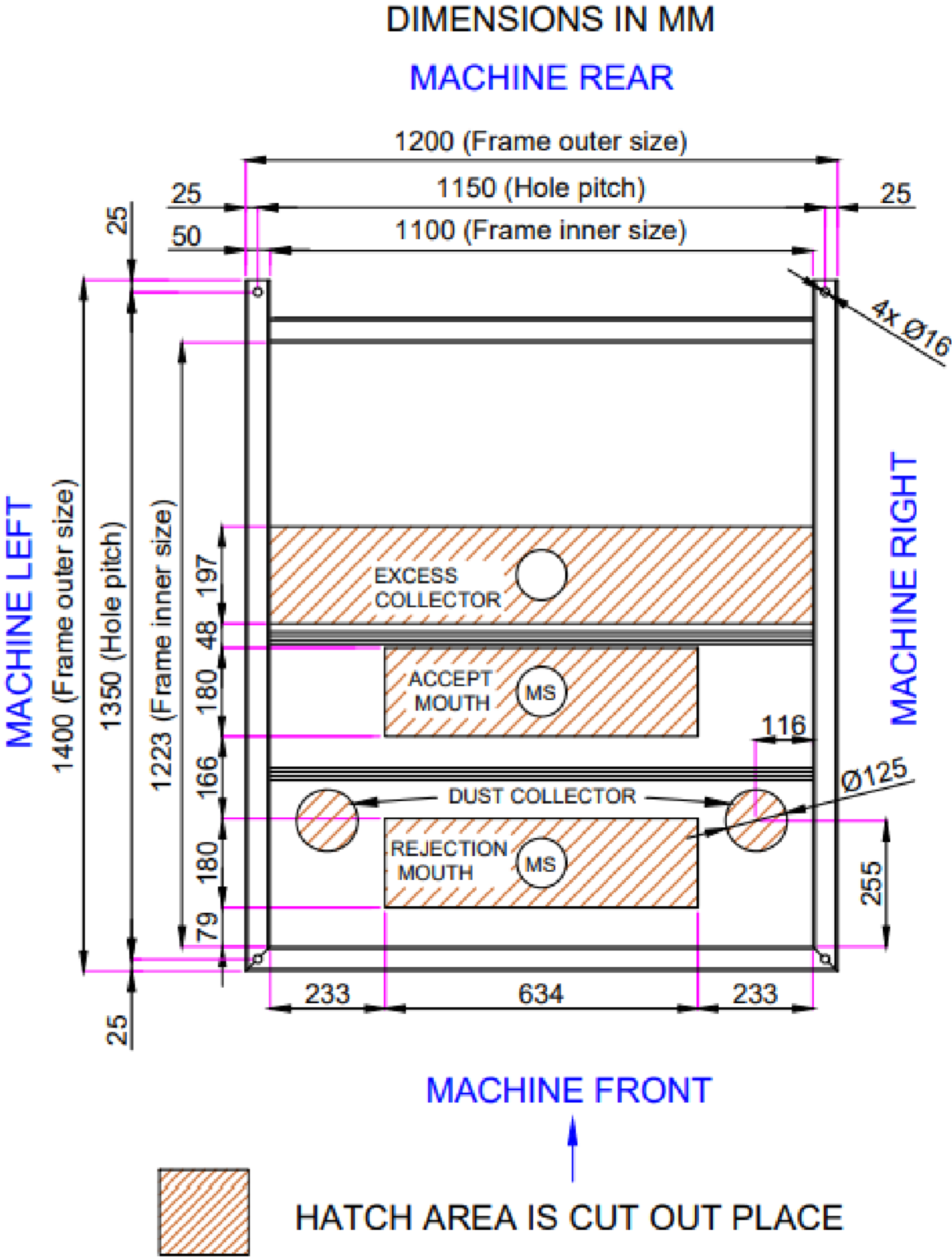
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CABIN BASE

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				Approved by : Shijo		DATE 26/12/2020	
				Checked by : Vinayaka		THIRD ANGLE PROJECTION	
				Prepared by : Jayapradhaban		PART NAME (SAP 3D CAD DIR DESCRIPTION)	
				WEIGHT		REVISION	
				DRAWING NUMBER (SAP DOC # - TYPE - VERSION #)		SHT 3	
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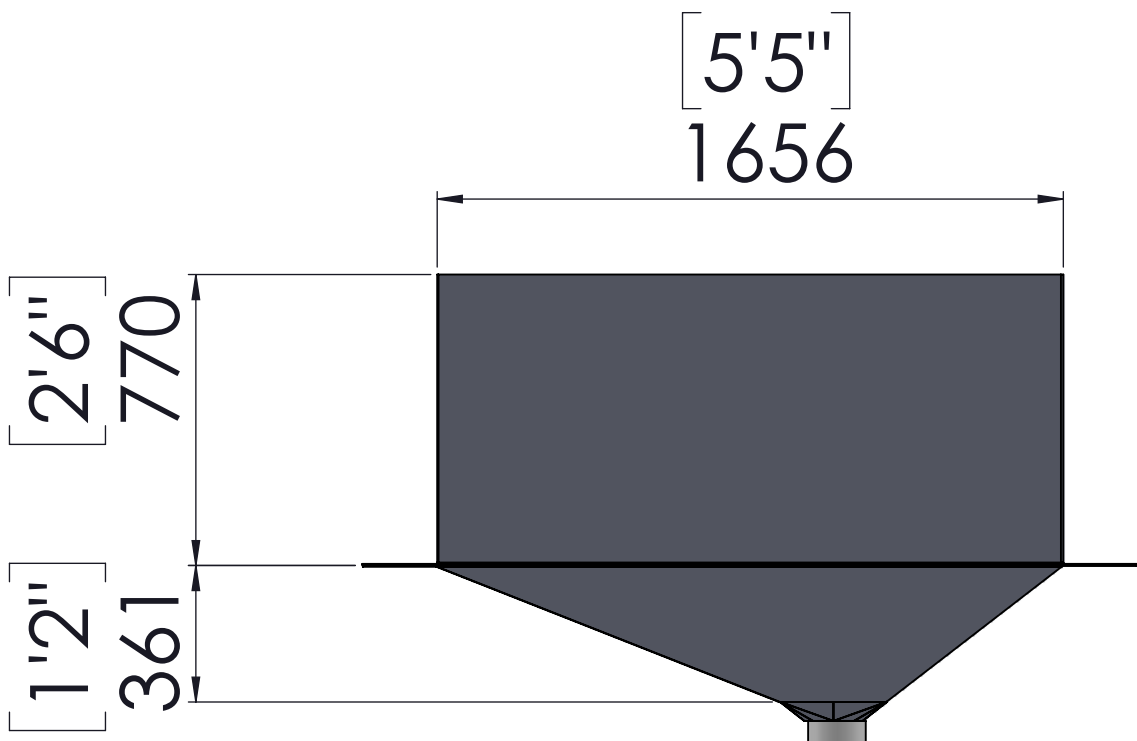
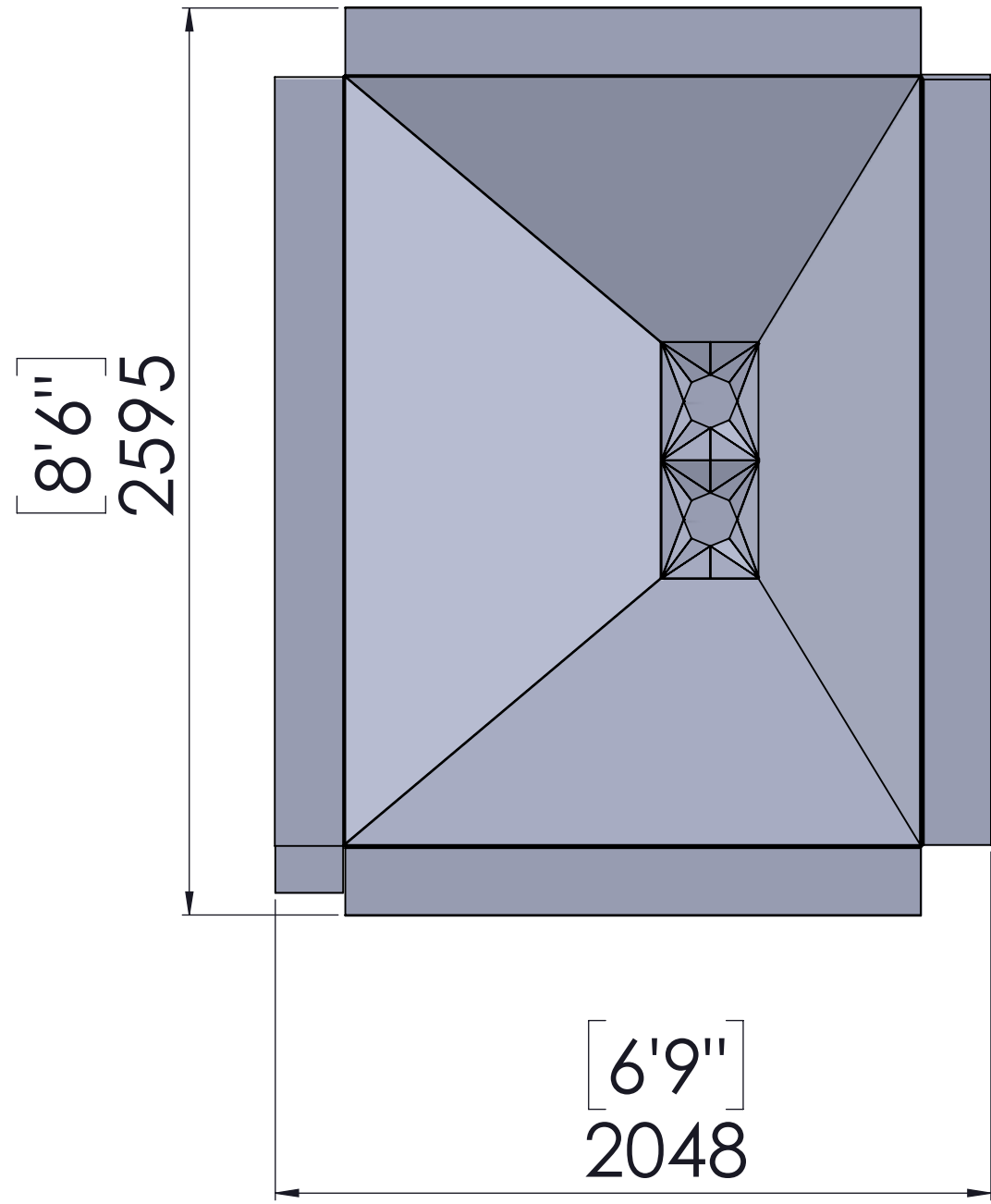
128 CHANNEL REVERSE MACHINE FRAME SIZE



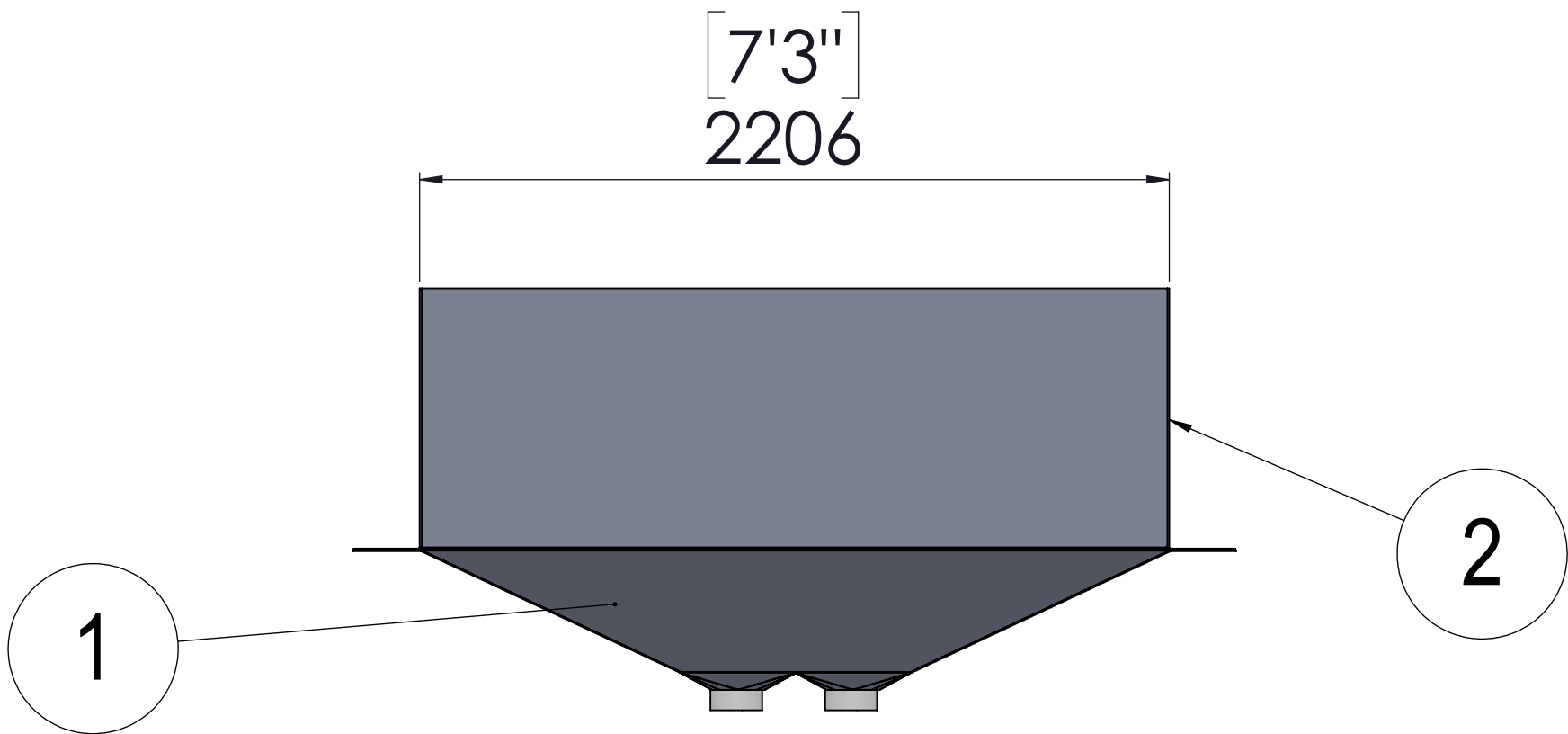
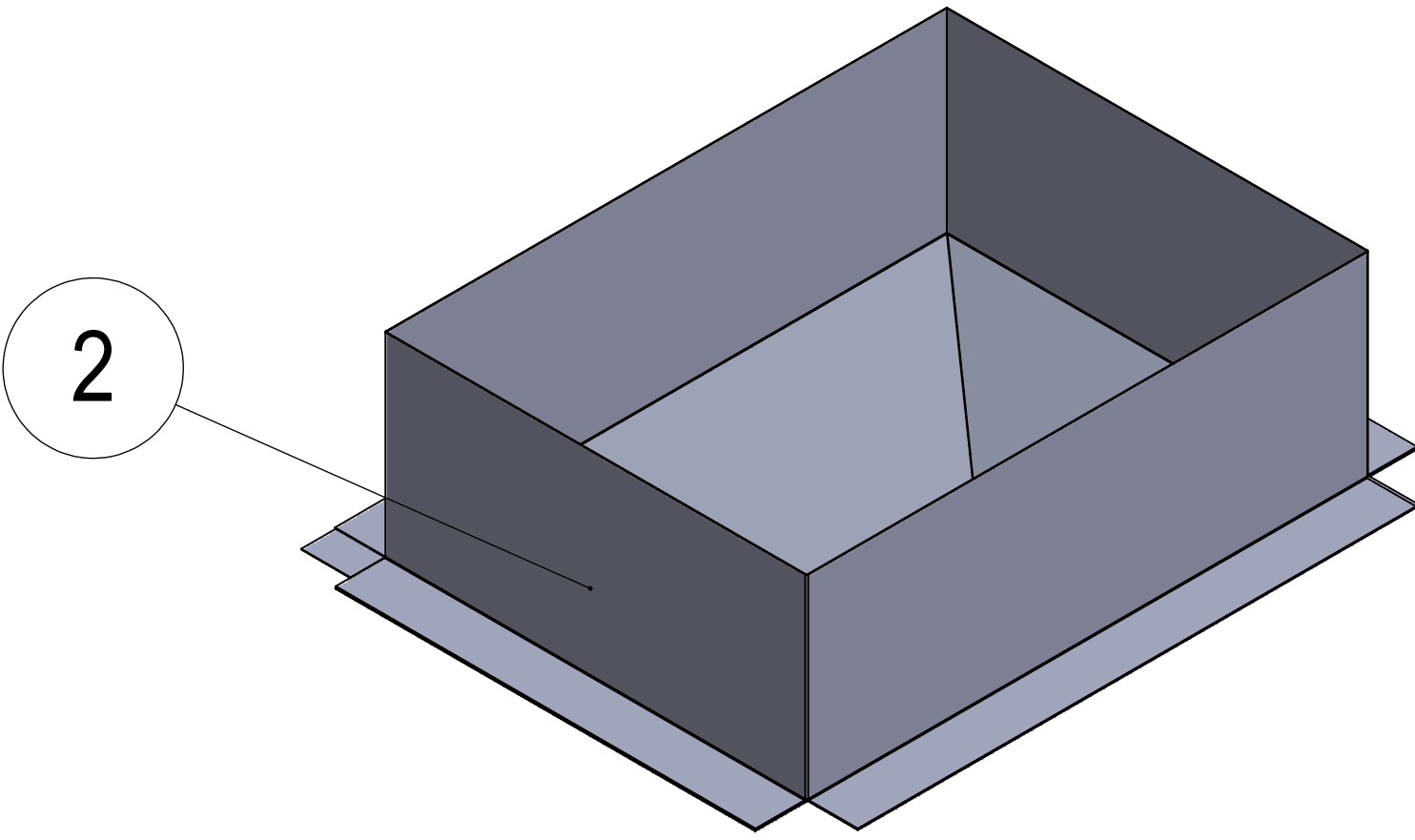
Frame cut out size

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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 4		OF 13	
SIZE D		SCALE 1:10	
		REVISION	
		AA	

STORAGE HOPPER

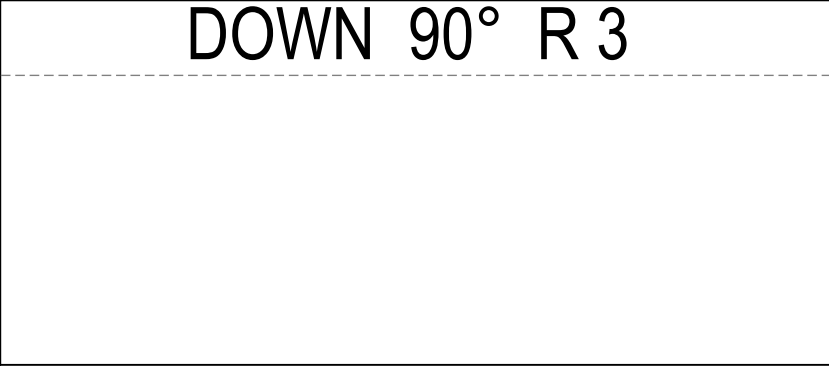
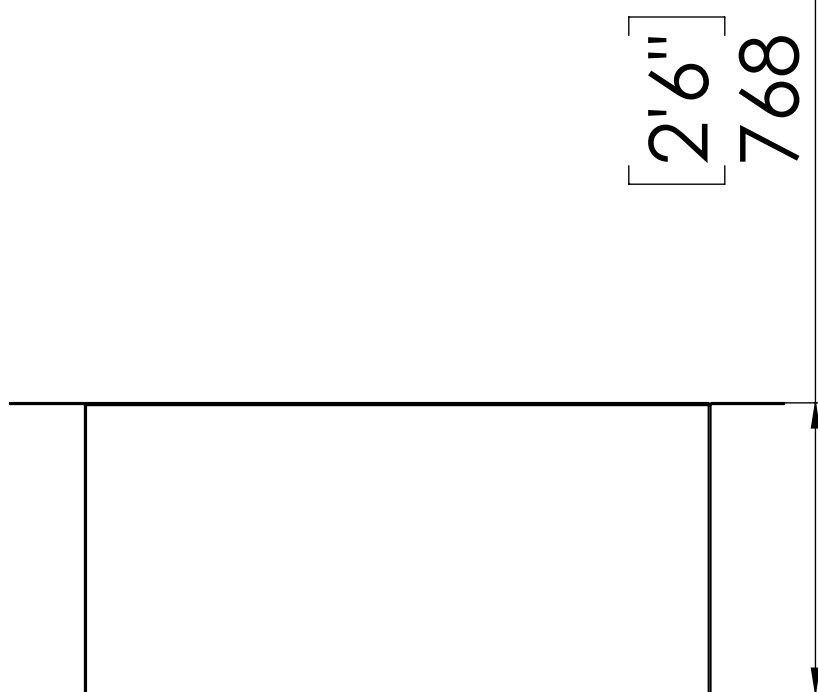
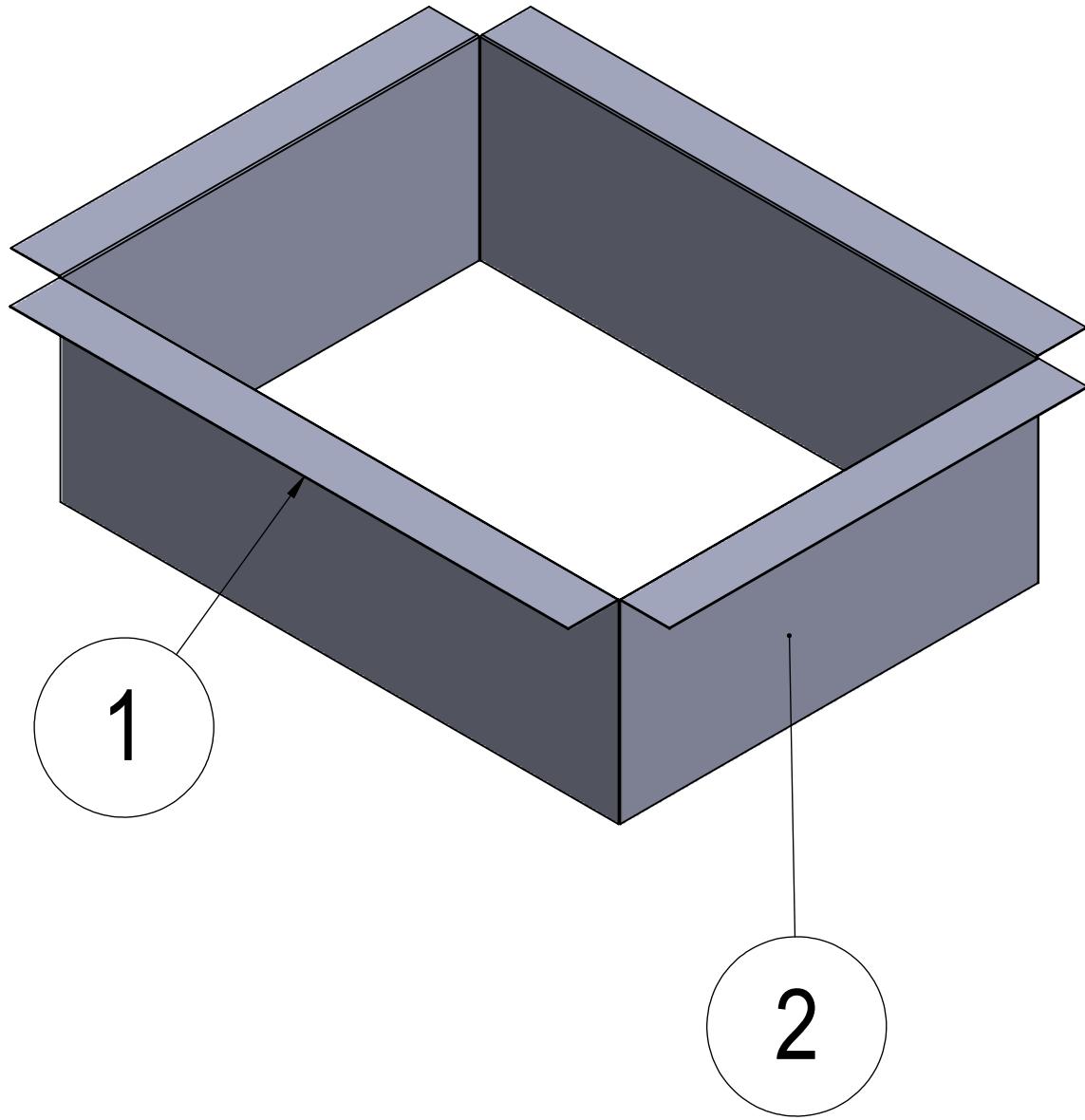
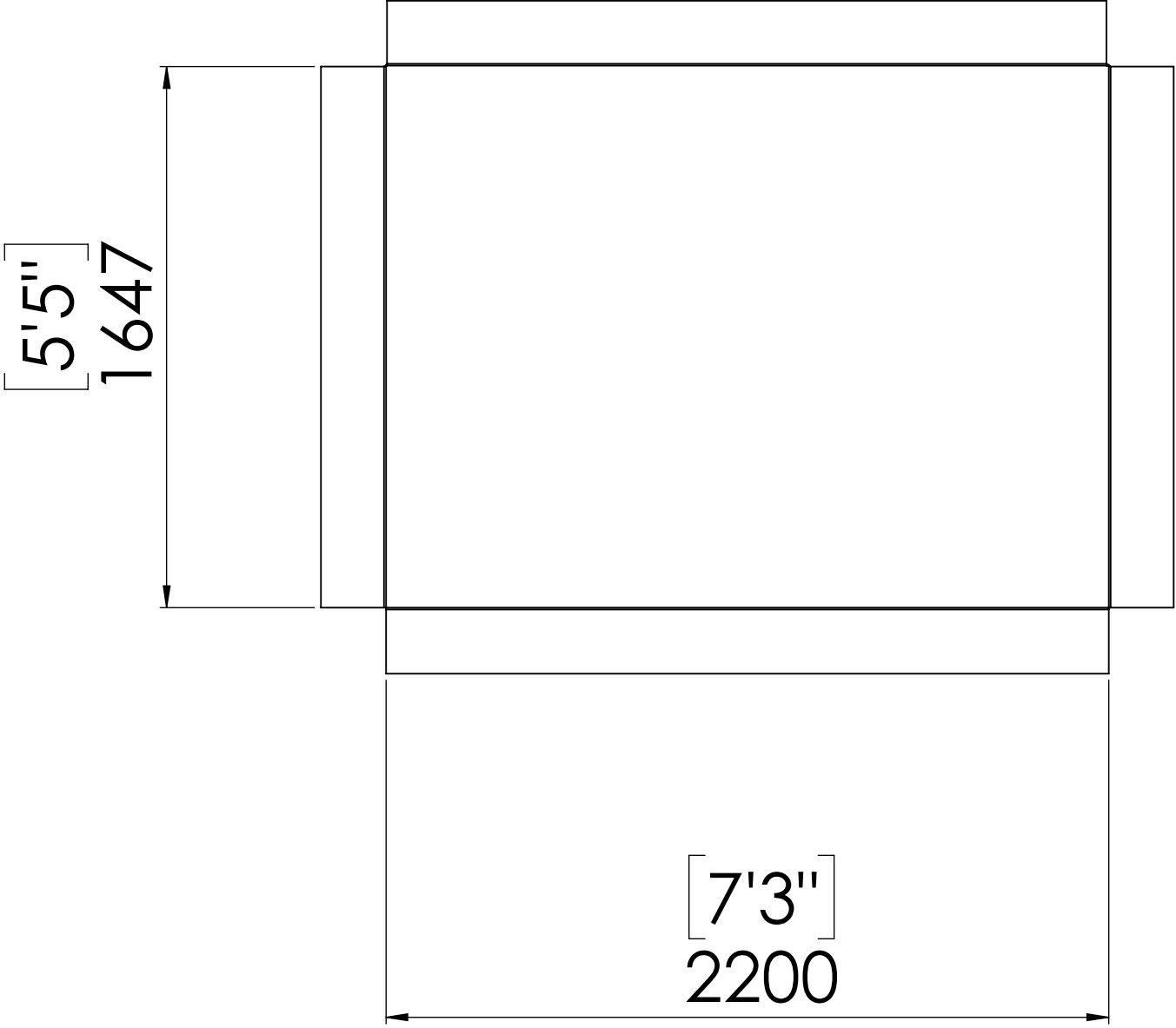


ITEM NO.	DESCRIPTION	QTY.
1	STORAGE HOPPER BOTTOM	1
2	STORAGE HOPPER TOP	1
3	PIPE	2
4	PIPE CONNECTOR 1	2



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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)		DRAWING NUMBER (SAP DOC # - TYPE - VERSION #)	
		SHT 5		OF 13	
		SIZE D		SCALE 1:20	
				REVISION	
				AA	

STORAGE HOPPER TOP PART



ITEM NUMBER:1
FLAT PATTERN
SCALE: 1:20

DOWN 90° R 3	DOWN 90° R 3	DOWN 90° R 3	DOWN 90° R 3
UP 90° R 3	UP 90° R 3	UP 90° R 3	UP 90° R 3

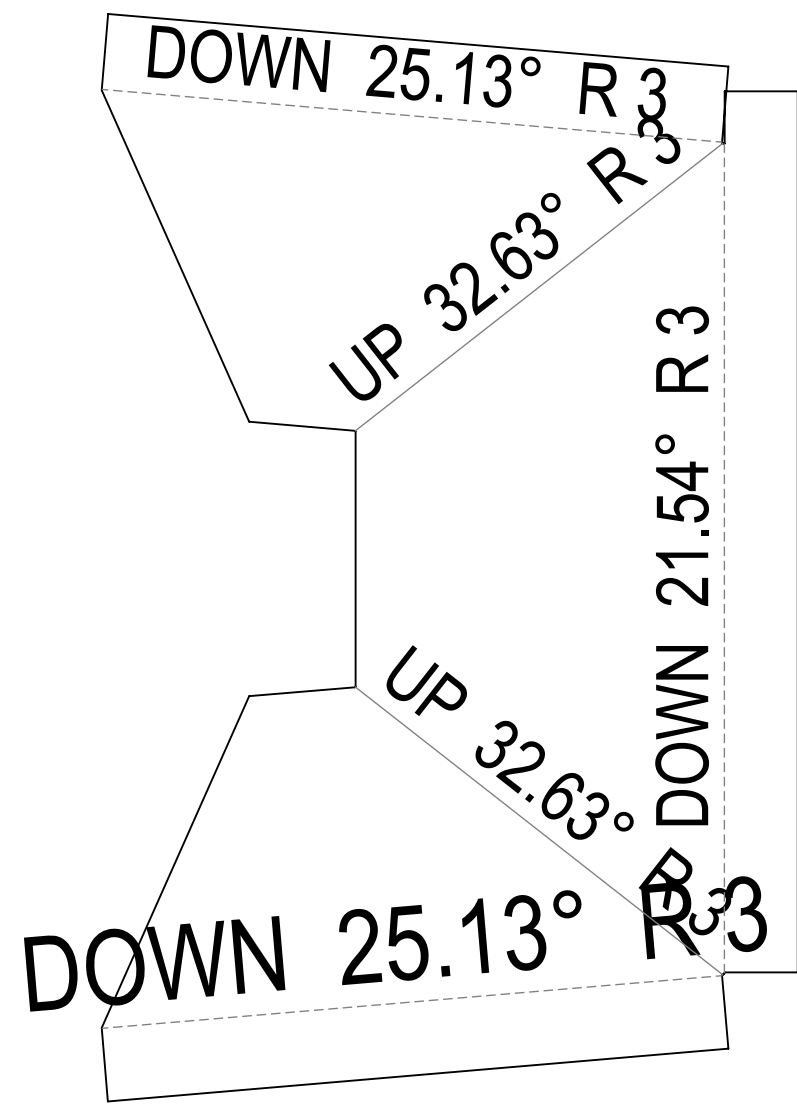
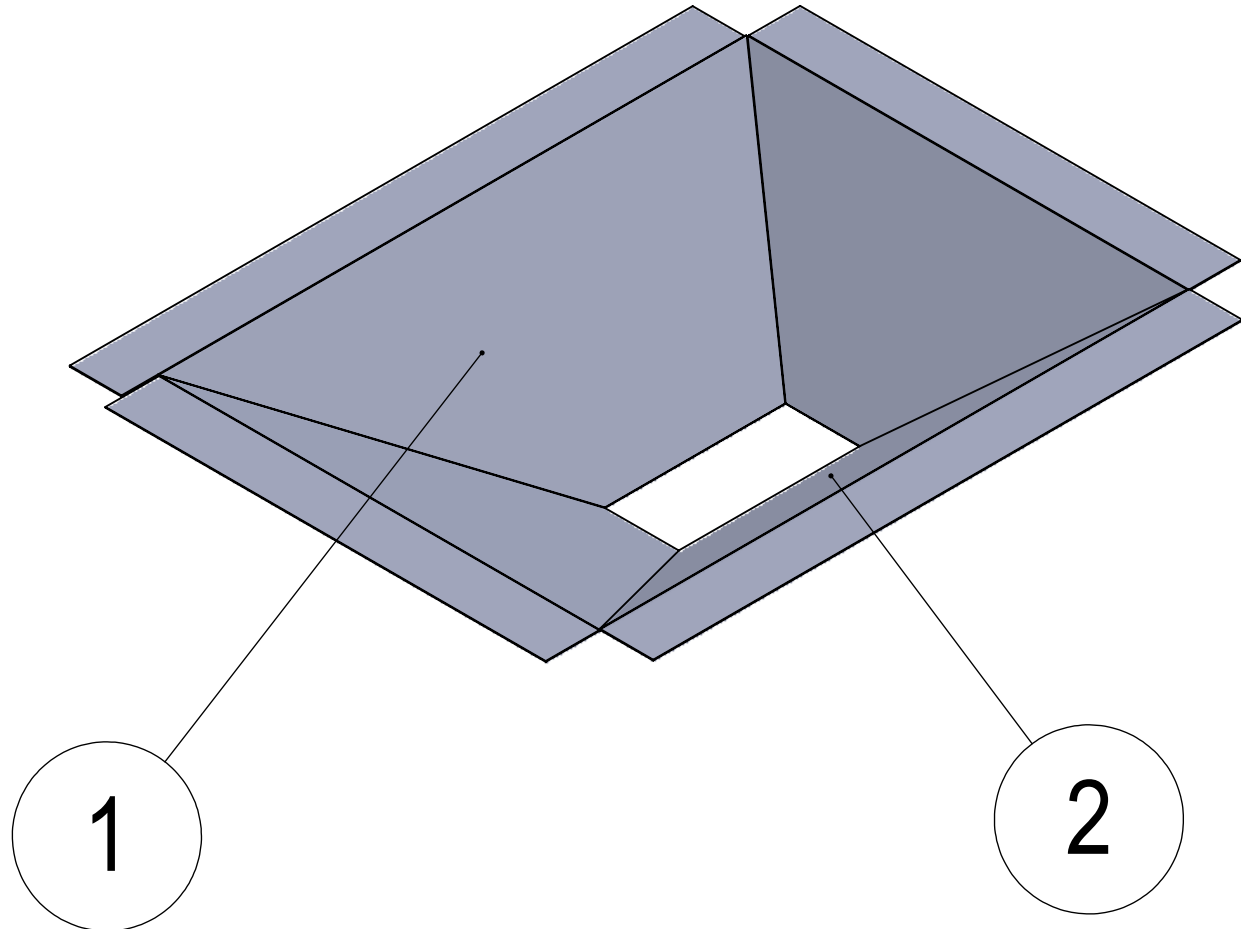
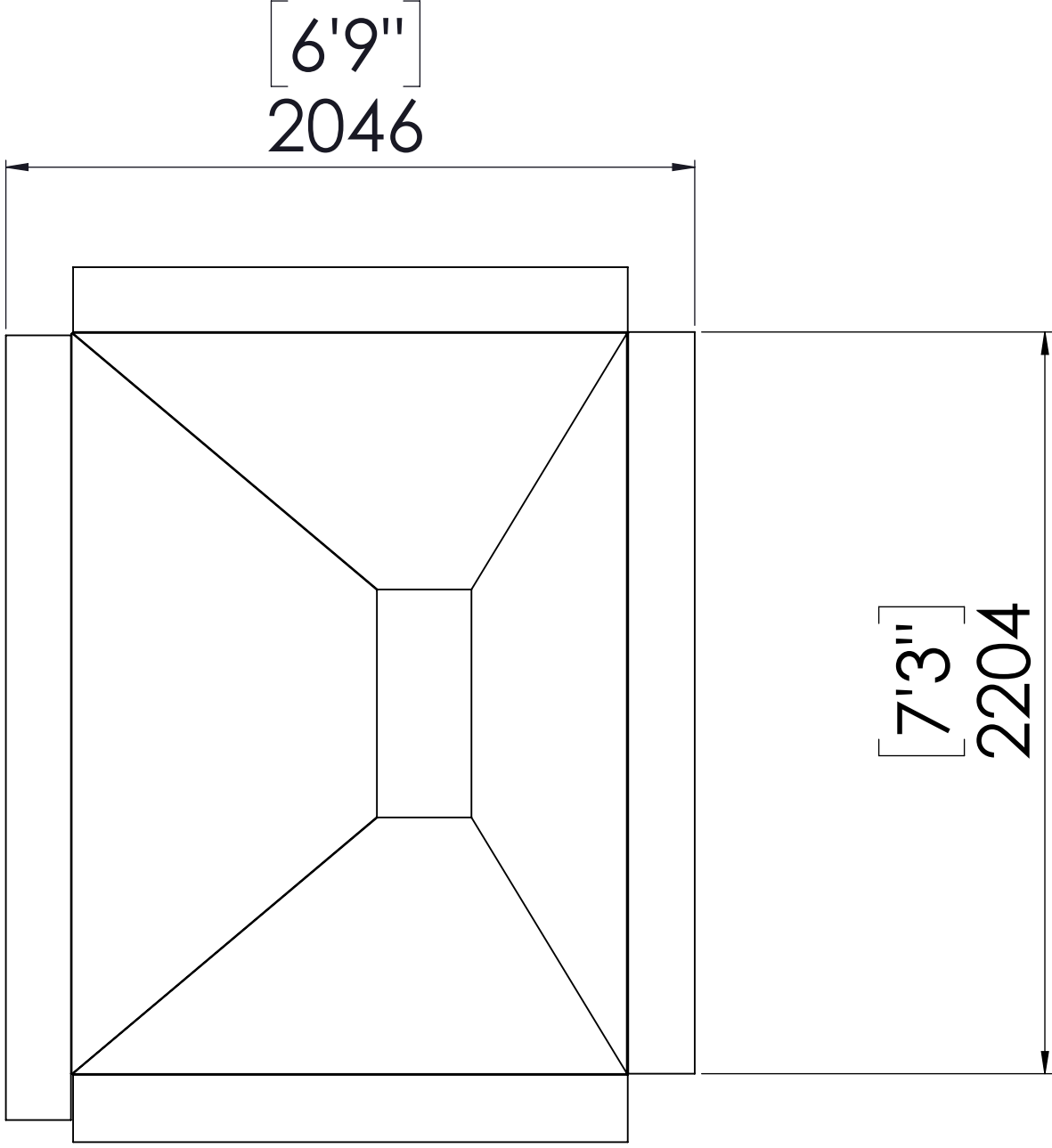
ITEM NUMBER:2
FLAT PATTERN
SCALE: 1:20

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

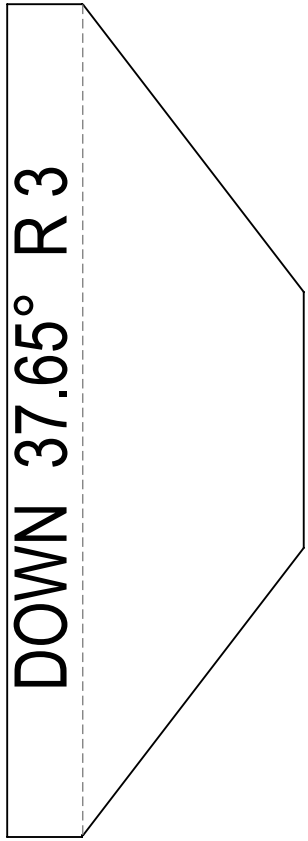
DO NOT SCALE DRAWING. CAD MATHEMATICAL DATA IS MASTER FOR THIS PART UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES UNLESS OTHERWISE SPECIFIED	
UNSPECIFIED TOLERANCES ARE: LINEAR: ±1.0mm ANGULAR: ±0.5°	
UNLESS OTHERWISE SPECIFIED GEOMETRIC TOLERANCES ARE: ISO 2768-mK	
GEOMETRIC DIMENSIONING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

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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	

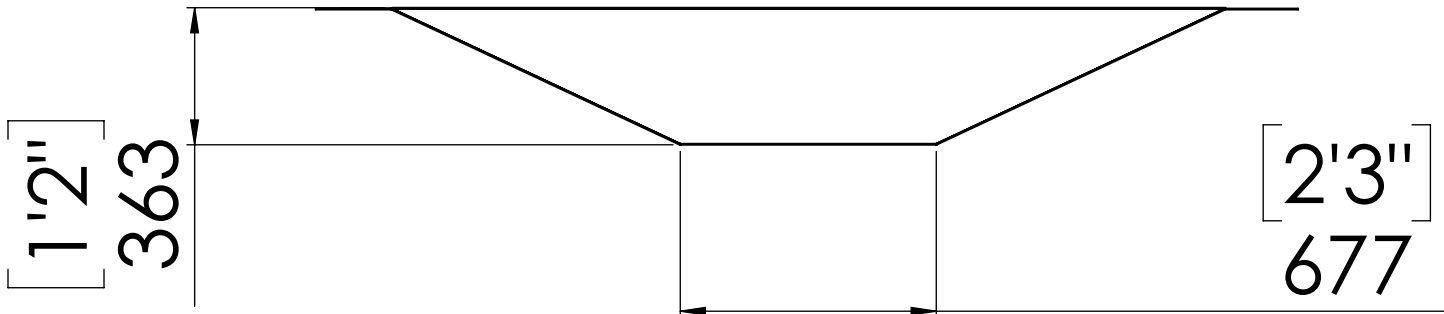
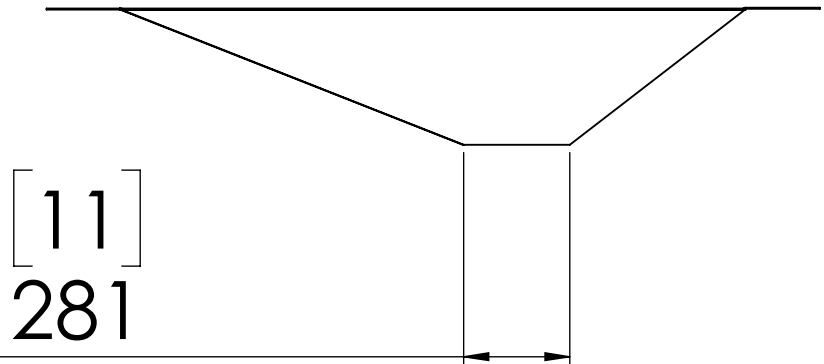
STORAGE HOPPER BOTTOM



ITEM NUMBER:1
FLAT PATTERN
SCALE: 1:20



ITEM NUMBER:2
FLAT PATTERN
SCALE: 1:20



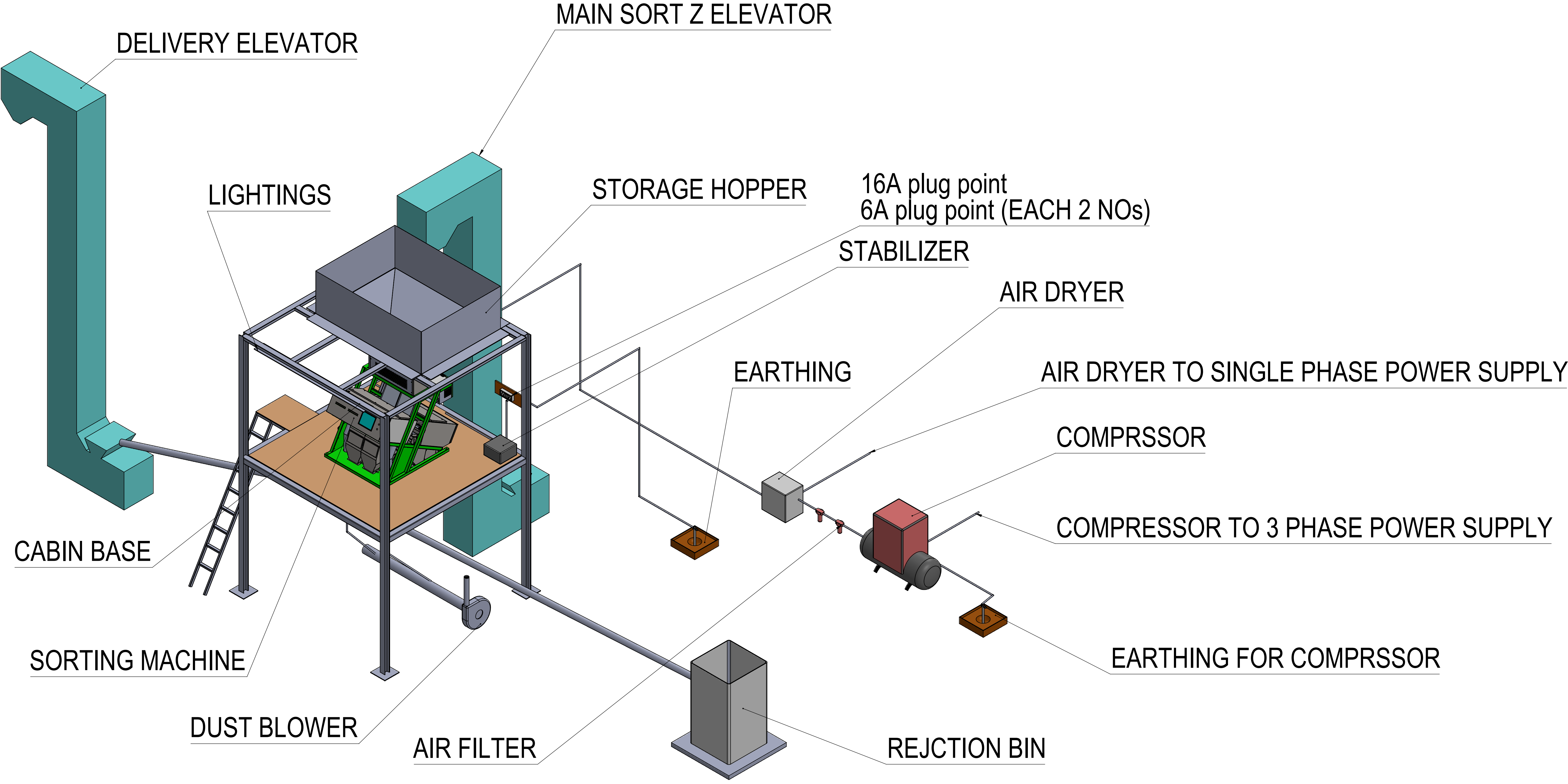
MATERIAL USED- MS
SHEET METAL THICKNESS- 3mm
RECOMENDED BENDING RADIUS- 3mm

DO NOT SCALE DRAWING. CAD MATHEMATICAL DATA IS MASTER FOR THIS PART UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES UNLESS OTHERWISE SPECIFIED	
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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				Prepared by : Jayapradhaban				PART NAME (SAP 3D CAD DIR DESCRIPTION)				SHT 7				OF 13			
												SIZE D				SCALE 1:20			

CABIN LAYOUT

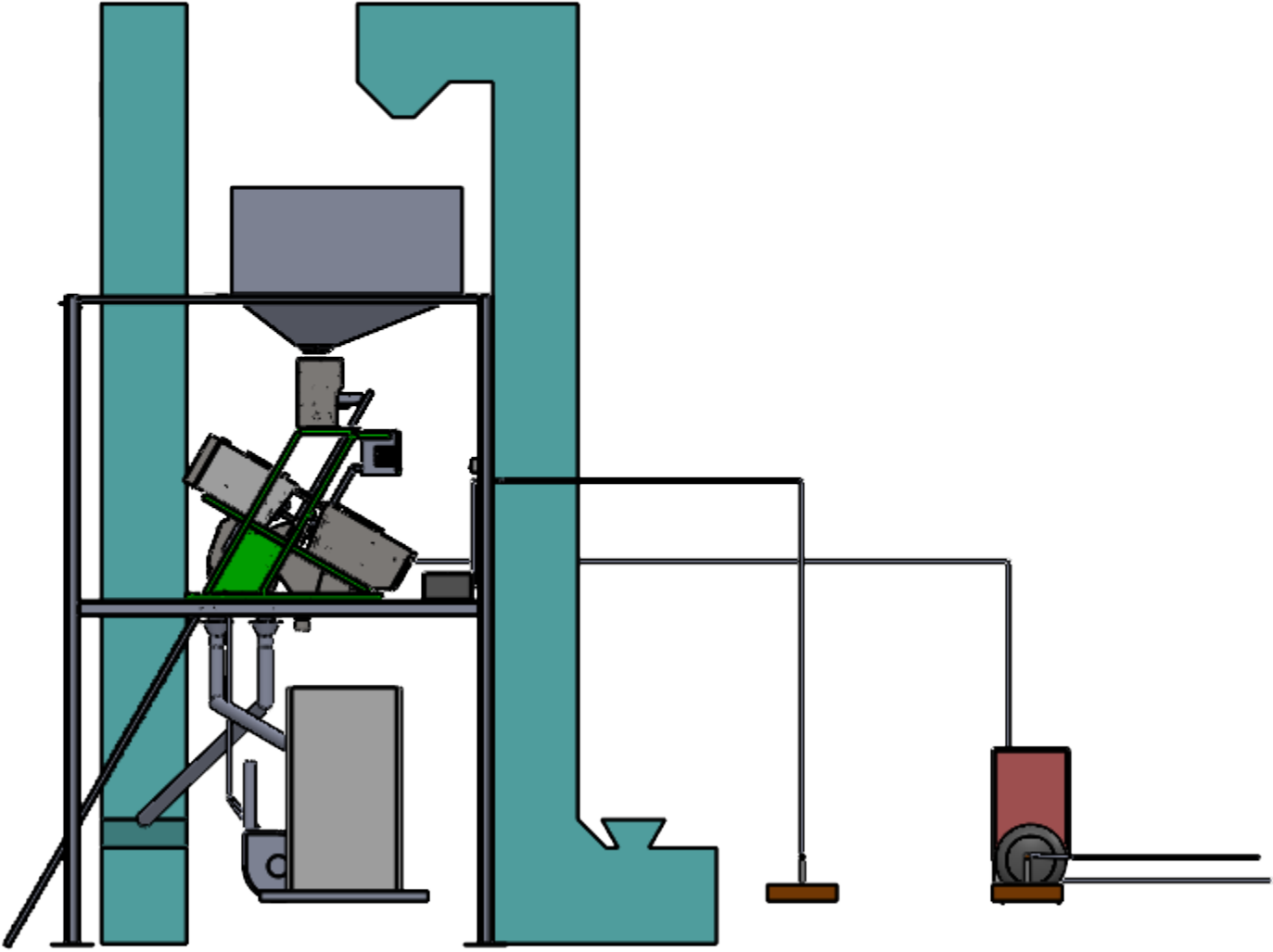
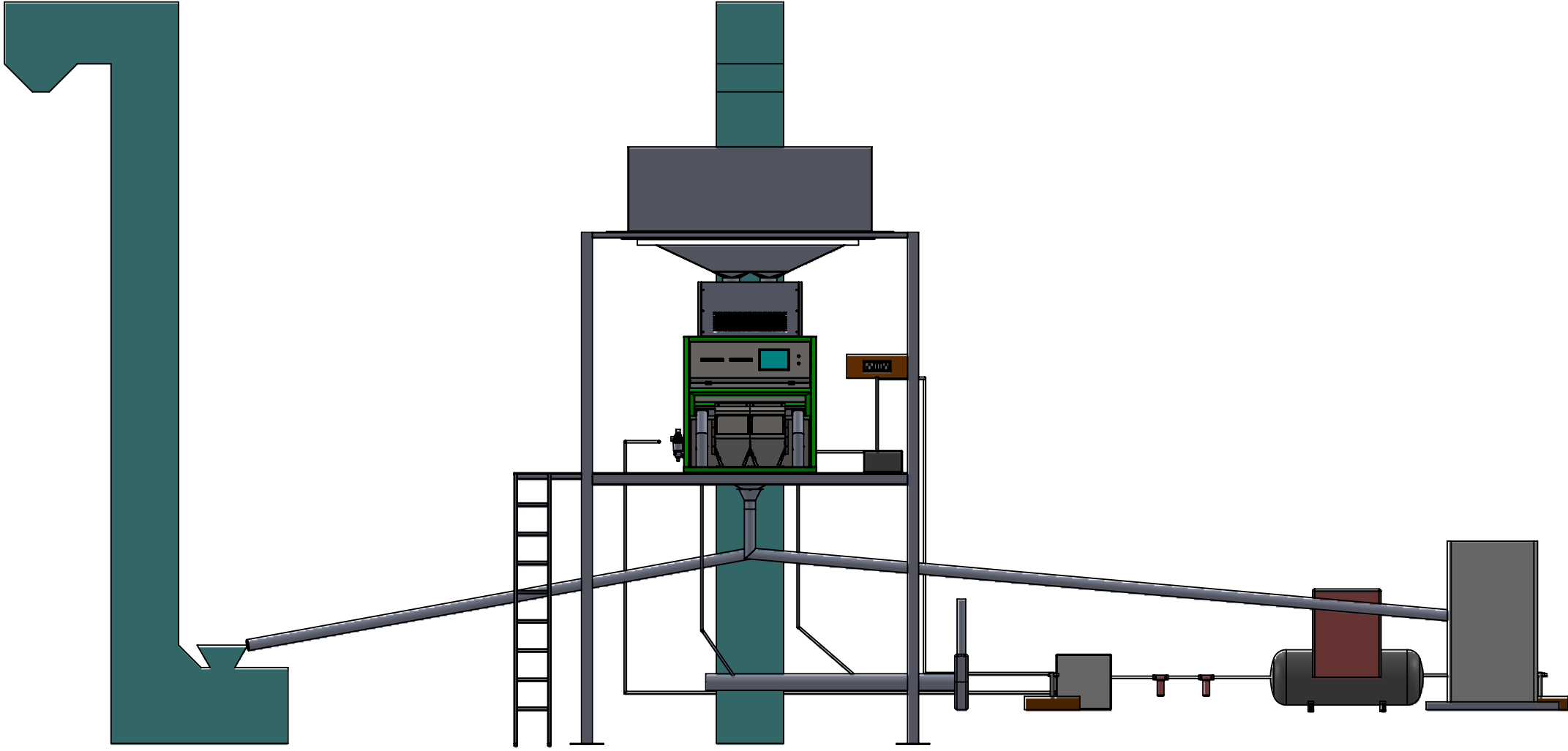
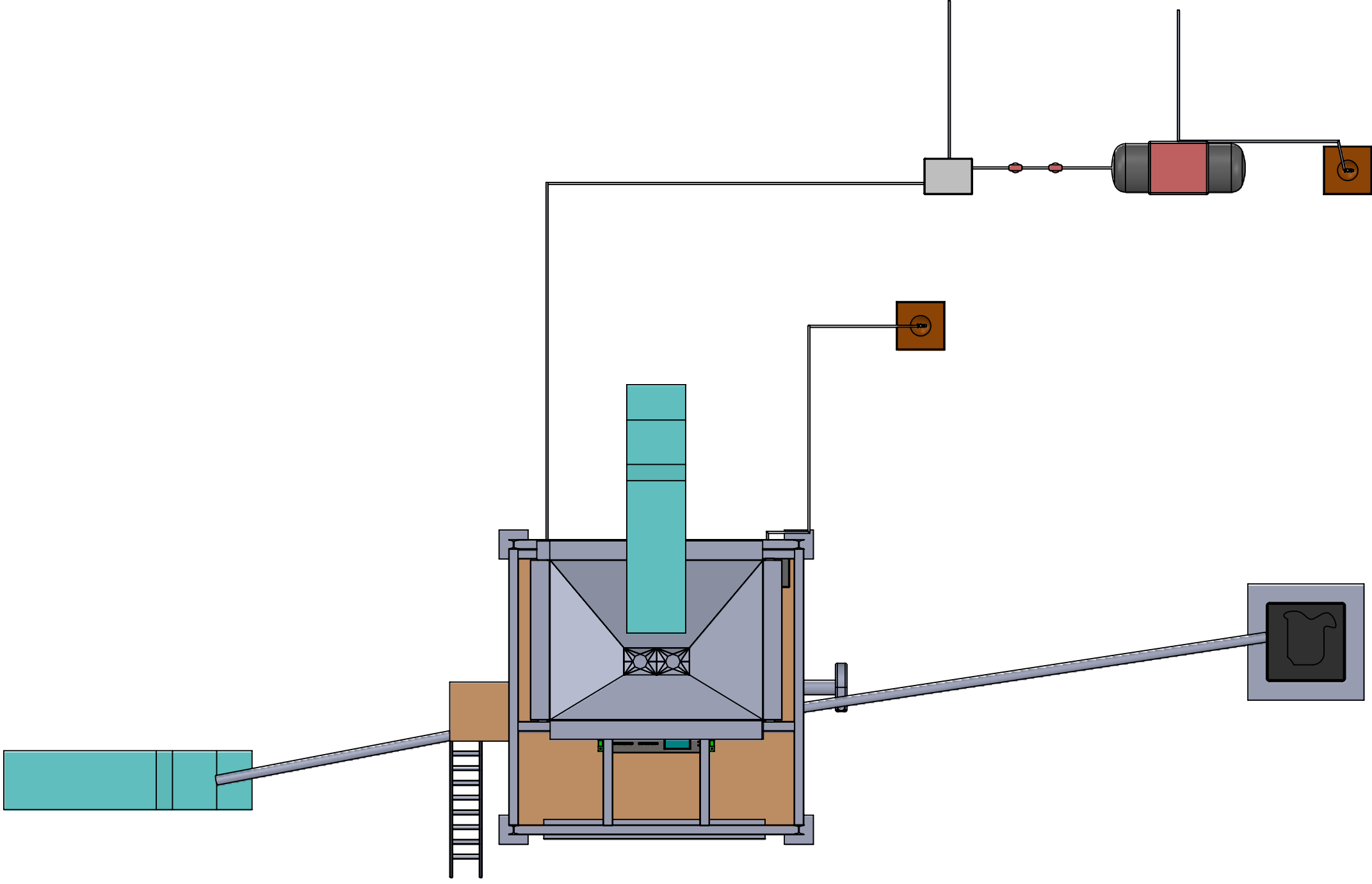



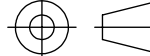

NOTE: THE LAYOUT SHOWN ABOVE IS FOR REPRESENTATION PURPOSE ONLY FRAME BASE CUTOUT AND STAIRCASE ARRANGEMENT CAN BE ALTERED AS PER REQUIREMENT. THE LIGHTINGS CAN ALSOBE POSITIONED AS PER CONVINIENCE.

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GEOMETRIC DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ASME Y14.5M-1994		<div><div><div>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>THIRD ANGLE PROJECTION</div><div>PART NAME (SAP 3D CAD DIR DESCRIPTION)</div></div><div><div>WEIGHT</div><div>DRAWING NUMBER (SAP DOC # - TYPE - VERSION #)</div><div>SHT 8</div><div>OF 13</div><div>SIZE D</div><div>SCALE 1:50</div></div><div><div>REVISION</div><div>AA</div></div></div>	

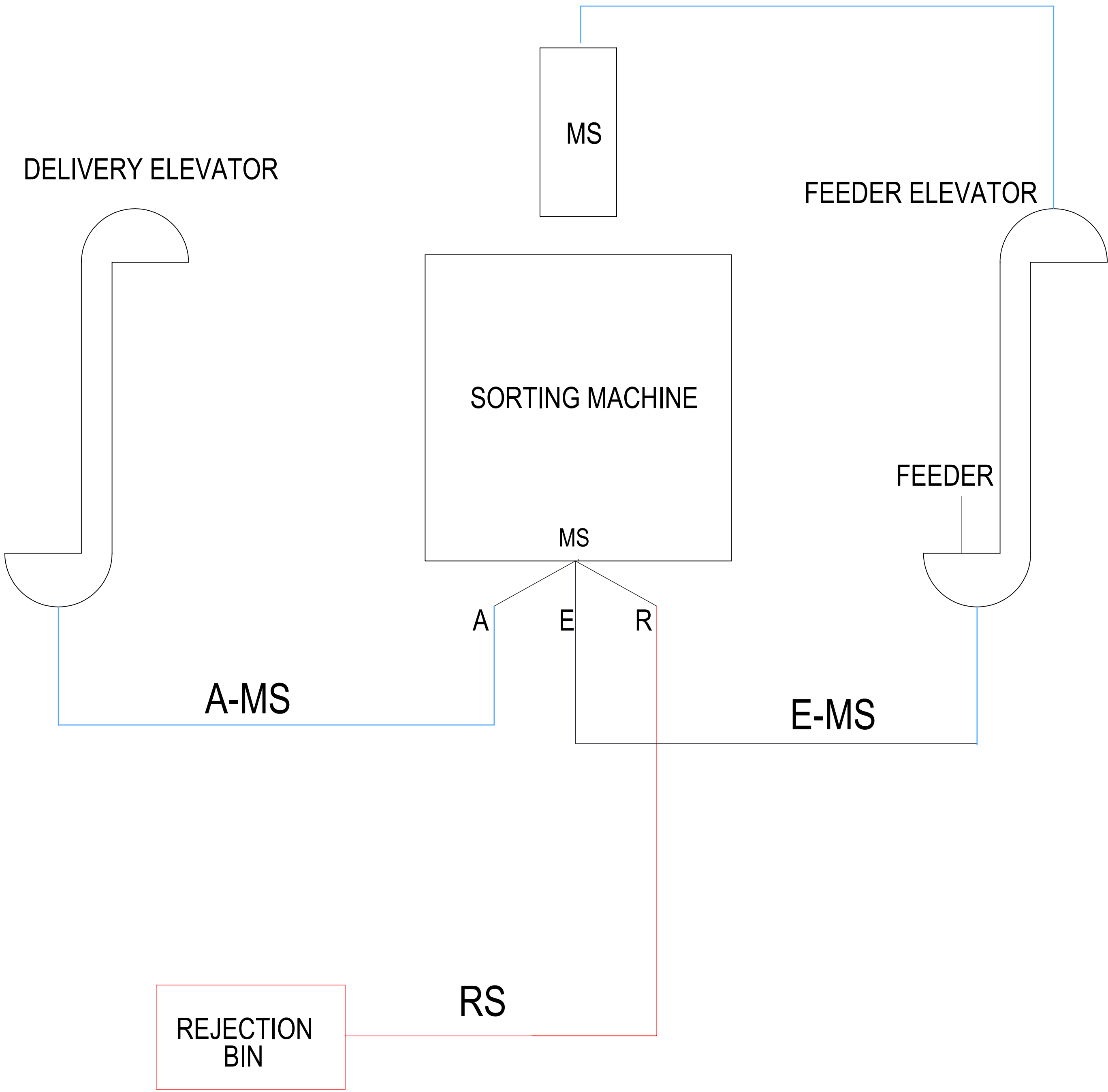
CABIN LAYOUT


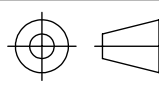

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GEOMETRIC DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ASME Y14.5M-1994				3D CAD FILE (SAP DOC # - TYPE - VERSION #)	DRAWING NUMBER (SAP DOC # - TYPE - VERSION #)
		Approved by : Shijo DATE: 26/12/2020 Checked by : Vinayaka Prepared by : Jayapradhaban		THIRD ANGLE PROJECTION 	REVISION
		PART NAME (SAP 3D CAD DIR DESCRIPTION)		SHT 9 OF 13 SIZE D SCALE 1:50	

CONNECTIONS



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		Prepared by : Jayapradhaban		SHT 10	OF 13
				SIZE D	SCALE 1:20
					

Customer Specifications

Customers needs to purchase seperately below mentioned equipments with mentioned specifcations

COMPRESSOR SPECIFICATIONS

- 1. 3PHASE 10HP (15HP or 20HP CAN BE USED DEPENDING ON THE LOADS)
- 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. 3.5+ METER CUBE STORAGE CAPACITY
- 3. 1800+ 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: 800 - 3000 KGS PER HOUR BASED 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
- 5. GENERATOR
- 6. 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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		SCALE 1:50	
		REVISION	
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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


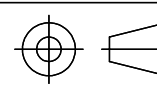

- 1. Electrical box fan dust filter clean

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

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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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