

Manufacturing Blueprints of BRRI Whole Feed Combine Harvester (Model: BRRI WCH2024)

Part II



AKM Saiful Islam

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Bangladesh Rice Research Institute

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Preface

The growing adoption of mechanized rice harvesting in Bangladesh has created a strong need for reliable, efficient, and locally manufacturable combine harvesters. While many machines are imported, they often come with challenges-high costs, difficult maintenance, and limited availability of spare parts. Recognizing these gaps, the Farm Machinery and Postharvest Technology Division of the Bangladesh Rice Research Institute (BRRI) has been working to develop a whole feed combine harvester suited to our local field conditions, farmers' needs, and industrial capabilities. This book, *Manufacturing Blueprints of BRRI Whole Feed Combine Harvester (Model: BRRI WCH2024)*, presents the engineering drawings of eleven key sections of the machine. The complete manufacturing documentation has been structured into two parts, and this volume constitutes Part II, covering the cutter section, threshing section, cleaning section, middle conveying section, grain tank section and outlook section of the combine harvester. It is prepared to support local manufacturers, researchers, and students by providing a practical and dependable reference for fabrication and assembly. Each section reflects BRRI's effort to make harvesting technology more accessible, serviceable, and sustainable for Bangladesh. We hope this publication not only strengthens local production capacity but also inspires further innovation in agricultural machinery design.



Director General
Bangladesh Rice Research Institute

Foreword

Agricultural mechanization plays a vital role in transforming Bangladesh's rice farming system, especially at a time when timely harvesting and labor shortages pose significant challenges. Reliable and cost-effective combine harvesters can greatly enhance harvesting efficiency, reduce grain loss, and support farmers in achieving better productivity. The Manufacturing Blueprints of BRRRI Whole Feed Combine Harvester (Model: BRRRI WCH2024) is a noteworthy contribution toward strengthening local capacity in this sector. Imported combine harvesters often struggle to cope with Bangladesh's field conditions and create long-term dependency on foreign parts and services. To address these issues, BRRRI has taken the initiative to design a whole feed combine harvester that is durable, locally manufacturable, and suited to our farmers' practical needs. This book provides detailed engineering drawings of eleven major sections of the machine, offering a clear and accessible reference for engineers, manufacturers, and researchers. Compiled with the expertise and dedication of the BRRRI engineering team, this publication reflects our ongoing commitment to advancing indigenous farm machinery development. I believe it will support local manufacturing industries, encourage innovation, and contribute to Bangladesh's journey toward greater self-reliance in agricultural mechanization.

A handwritten signature in black ink, appearing to read 'M. Khalequzzaman', written in a cursive style.

(Dr. Mohammad Khalequzzaman)



Chief Scientific Officer
Farm Machinery and Postharvest Technology Division
BRRI, Gazipur

About Project Director

Dr. AKM Saiful Islam graduated from the Department of Farm Power and Machinery, Bangladesh Agricultural University, Mymensingh and received chancellor award for achieving first position in graduate course. Dr. Islam obtained MS degree from the same university in 1996. He completed postgraduate diploma course from Silsoe College, UK in 1997. Dr. Islam obtained PhD in Agricultural Engineering from the Department of Farm Power and Machinery, Bangladesh Agricultural University, Mymensingh in 2012. He started his career as a Scientific Officer in Farm Machinery and Postharvest Technology Division of Bangladesh Rice Research Institute in 1998. Dr. Islam developed training manual for seedling raising techniques, BRRI weeder, rice-wheat reaper, BRRI open drum thresher, BRRI rice-wheat thresher, BRRI panicle thresher, BRRI whole feed combine harvester. He is involved in the invention and development of mechanized seedling raising techniques, BRRI seed sower, BRRI auto seed sower, BRRI rice transplanter, BRRI semi-automatic rice transplanter, BRRI solar light trap, BRRI urea super granular fertilizer, BRRI power weeder, BRRI rice-wheat reaper, BRRI rice-wheat thresher, BRRI panicle thresher, BRRI whole feed combine harvester, BRRI head feed combine harvester, BRRI straw rope maker, BRRI air blow rice mill, BRRI compact rice mill, BRRI rice mill and BRRI short and long rice processing technology. At present, he is working as a Chief Scientific Officer and project director of the project "Strengthening Farm Machinery Research Activity for Mechanized Rice Cultivation (SFMRA)".

About the project

The project "Strengthening Farm Machinery Research Activity for Mechanized Rice Cultivation" was approved for implementation from July 2019 to June 2027 at an estimated cost of Tk 5059 Lakhs. The project is being implemented by the Farm Machinery and Postharvest Technology Division of Bangladesh Rice Research Institute under the Ministry of Agriculture in 12 upazilas of 12 districts of seven divisions of the country. One of the main objectives of the project is to strengthen farm machinery research activities for sustainable rice cultivation. The specific objectives of the project are (a) Developing ten agricultural machinery and technologies suitable to the socio-economic condition of the farmers: i.e. rice transplanter, mini combine harvester, power weeder, reaper binder, compact rice mills, rice transplanter-cum-fertilizer, straw rope maker, seed sower machines, post-harvest management and renewable energy (solar and briquette machines); (b) Further development of the machinery by collecting feedback from the stake holder through 400 adaptive trials; (c) Providing hands-on training to 6480 machine operators, farmers, mechanics and service providers and 480 local agricultural machinery manufacturers and extension officers/workers to increase their skills on modern agricultural machinery; (d) Capacity building of 20 scientists and 20 workshop workers for the research on modern agricultural machinery through higher education and training; and (e) Modernization of existing farm machinery research lab-cum-workshop. The project activities are a) Developing nine agricultural machinery and post-harvest technologies suitable for sustainable rice production i.e. rice transplanter, combine harvester, power weeder, reaper binder, compact rice mill, rice transplanter-cum-fertilizer, straw rope maker, seed sower machine, post-harvest management and renewable energy (solar and briquette machines); b) To procure prototypes from abroad and preparing indigenously adapted machines through reverse engineering and applied research; c) To develop machine according to the feedback obtained through practical field tests; d) To conduct 324 two-day residential hands-on training on seedling raising techniques, operation, repair and maintenance of rice transplanters for mechanized rice transplanting; e) To sensitize 6480 farmers, machine operators, mechanics, farmer groups/farmers associations, service providers about utility of agricultural machinery, operating techniques, repair and maintenance through 480 practical field tests of BRRI developed modern machinery; f) To publish the training schedule and names of the trainees in the form of a database on the BRRI web site to maintain transparency and accountability in the training program and to avoid duplicity in the selection of trainees; g) Developing 10 skilled scientific manpower through three months of overseas training; h) To organize short term (7-10 days) training of 10 scientists in agricultural machinery manufacturing countries; j) Conducting 10 trainings of three days duration on transfer of machinery technology to the farm machinery manufacturers/extension officers/workers; j) To enhance quality research skills by establishing machine testing lab (375 square meters) with modern equipment for machinery quality control; k) Develop a commercial approach to agriculture through limited long-term use of farm machinery and rental machinery service providers in the project area; l) Building co-operation between researchers, extension workers, manufacturers and farmers; d) Development of 2,500 cubic meter research field/plot for head office research; d) Vertical extension (450 square meters) of farm machinery lab cum office building at head office; n) Construction of machinery display cum ware house (150 sq m to 750 sq m in 5 Regional stations) for display room at BRRI Regional stations; (v) Skilling of 20 workshop workers through training in machine prototyping, repair and maintenance; d) To provide necessary technical assistance to the entrepreneurs and machinery manufacturing institutions/factories serving through the Department of Agriculture Extension for ensuring the use of sustainable agricultural machinery at the field level. Recruiting 11 persons (one office assistant cum computer programmer, two bench mechanics, two lathe-operators, two tin smiths, two hammer men and two drivers) through outsourcing to support the project director in project execution. Scientists of FMPHT division, research assistants, Accountant of Accounts division and staff of Planning and Evaluation division are working on the project as additional responsibilities.

Technical Specification

Name: BRRRI Whole Feed Combine Harvester

Model: BRRRI WCH2024

Taking l=length, w=width, h=height, t=thickness, ϕ =diameter, r=radius

Parameters

Model	BRRRI WCH2024
Overall Dimension, mm (L×W×H)	5200×1800×2600
Threshing drum (L, Φ)	2000mm, Φ 620
Total weight, kg	3200
Engine Type	Turbo charger, direct injection, vertical 4-stroke 4-cylinder, water-cooled with diesel Engine
Engine rated power, hp/ rpm	87 /2400
Rubber track (Crawler), mm	400×90×51
Contact Ground pressure, kPa	21
Traction load, kN/m ²	20.7
Ground clearance, mm	300
Power transmission System	Mechanical + HST
HST volume, cc	45
HST power, rpm	3000
Fuel tank Capacity, L	80-100
Grain tank, kg	600-650
Cutting width, mm	1570
Cutting height range, mm	20-500
Threshing system	Axial flow, Single Drum, Bottom threshing
Cylinder Revolution speed, rpm	500-510
Machine Turning System	Clutch & Brake (Turning Cylinder)
Threshing Type	Tangential Axial Flow
Traction Area, m ²	1.376 for two crawlers
Machine Running speed, km/hr	0~2.88; 0~4.54; 0~7.56
Reaping Type	Reciprocating single cutting blades
Maximum harvesting speed, Km/hr	7.1-7.5
Harvest speed, rpm	500-550
Harvesting capacity, bigha	3-4
Forward speed, km/h	3-4
Fuel consumption, L/hr	3.5-4
Discharge pipe length, mm	1500
Discharge pipe diameter, mm	180
Up-down range (Degree) and Up-Down system	0° to 48° & Hydraulic
Straw condition	Both Full Straw and Chopping
Total harvesting loss, %	Less than 1%

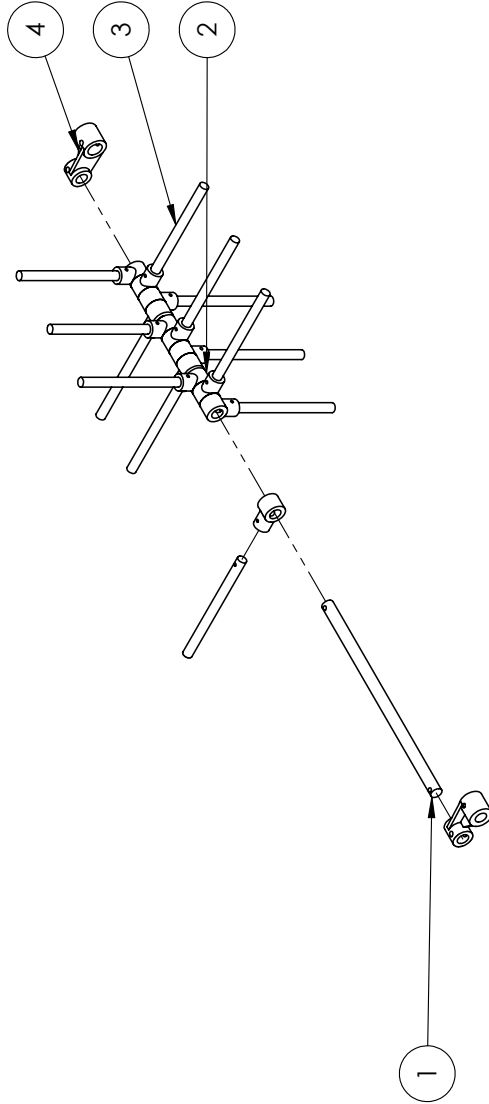
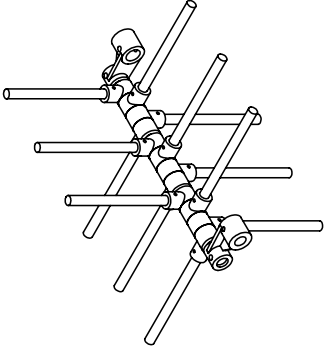
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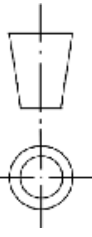
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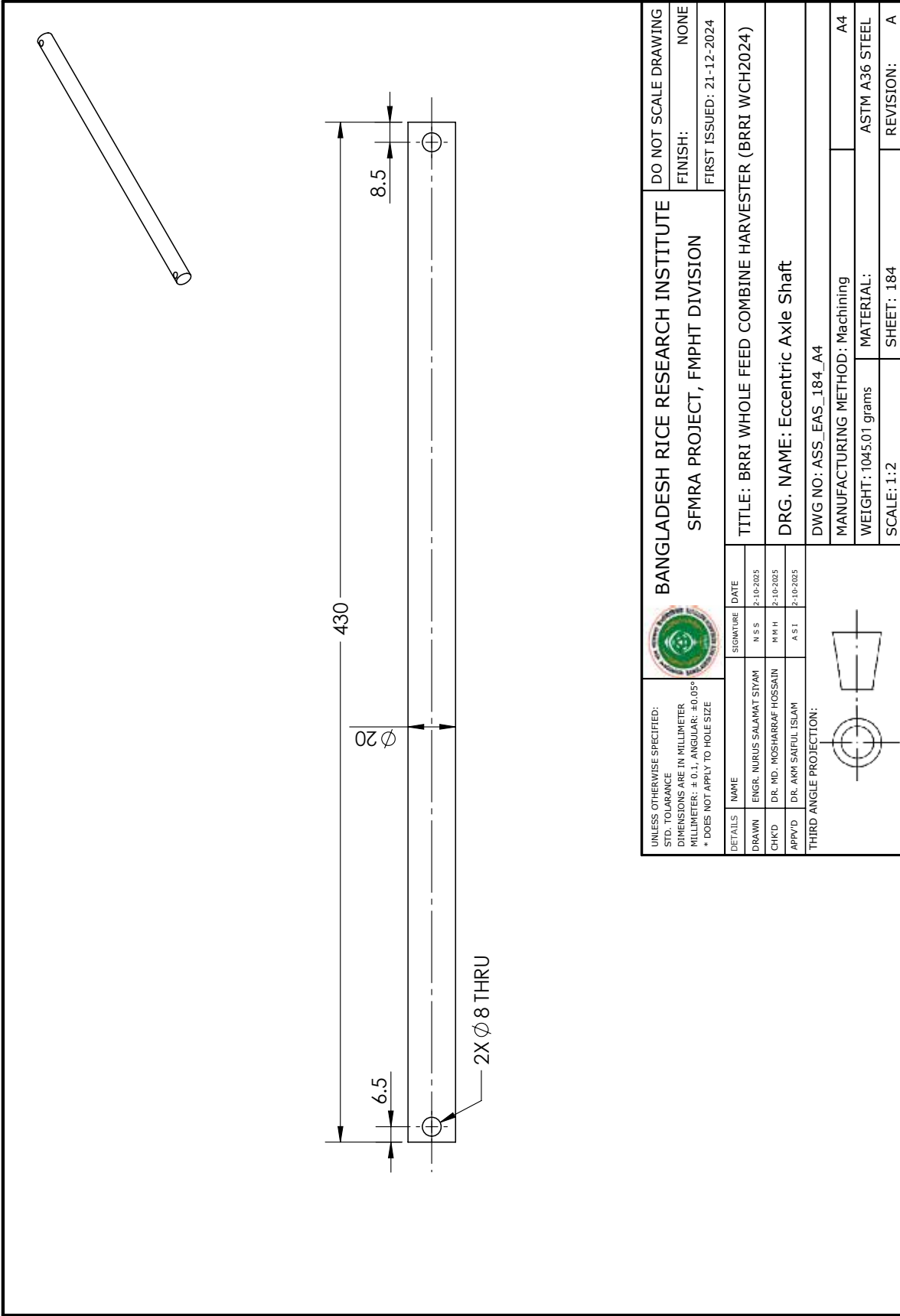
Sub-assembly no.	Description	Sheet no.	Page no.
6	Cutter section	183 - 254	01- 73
7	Threshing section	255 - 323	74- 143
8	Cleaning section	324 - 360	144- 181
9	Middle conveying section	361 – 367	182- 189
10	Grain tank section	368 - 385	190- 208
11	Outlook section	386 - 407	209- 231

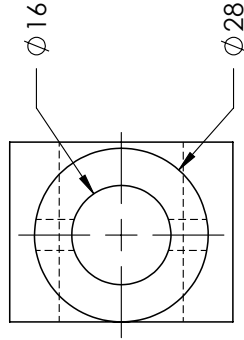
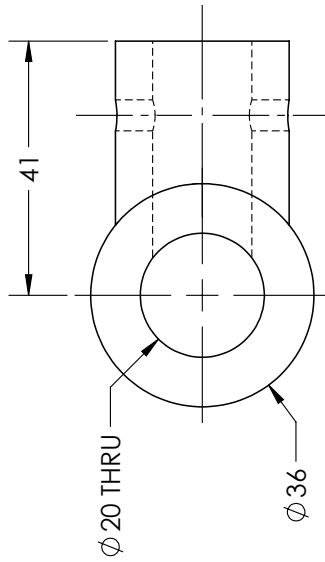
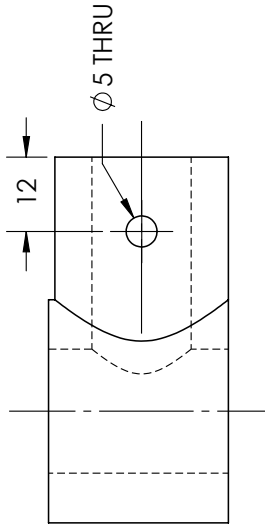
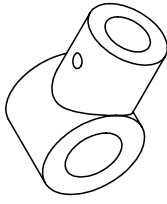
Sub- assembly 06
Cutter section
Sheet no. 183 – 254


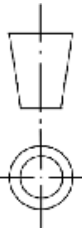
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1	Eccentric Axle Shaft	1	ASS_EAS_184_A4	ASTM A36 STEEL
2	Extension Reel Teeth Sleeve	12	ASS_ERTS_185_A4	PTFE
3	Extension Reel Teeth	12	ASS_ERT_186_A4	ASTM A36 STEEL
4	Crank Arm	1	ASS_CA_187_A4	ASTM A36 STEEL

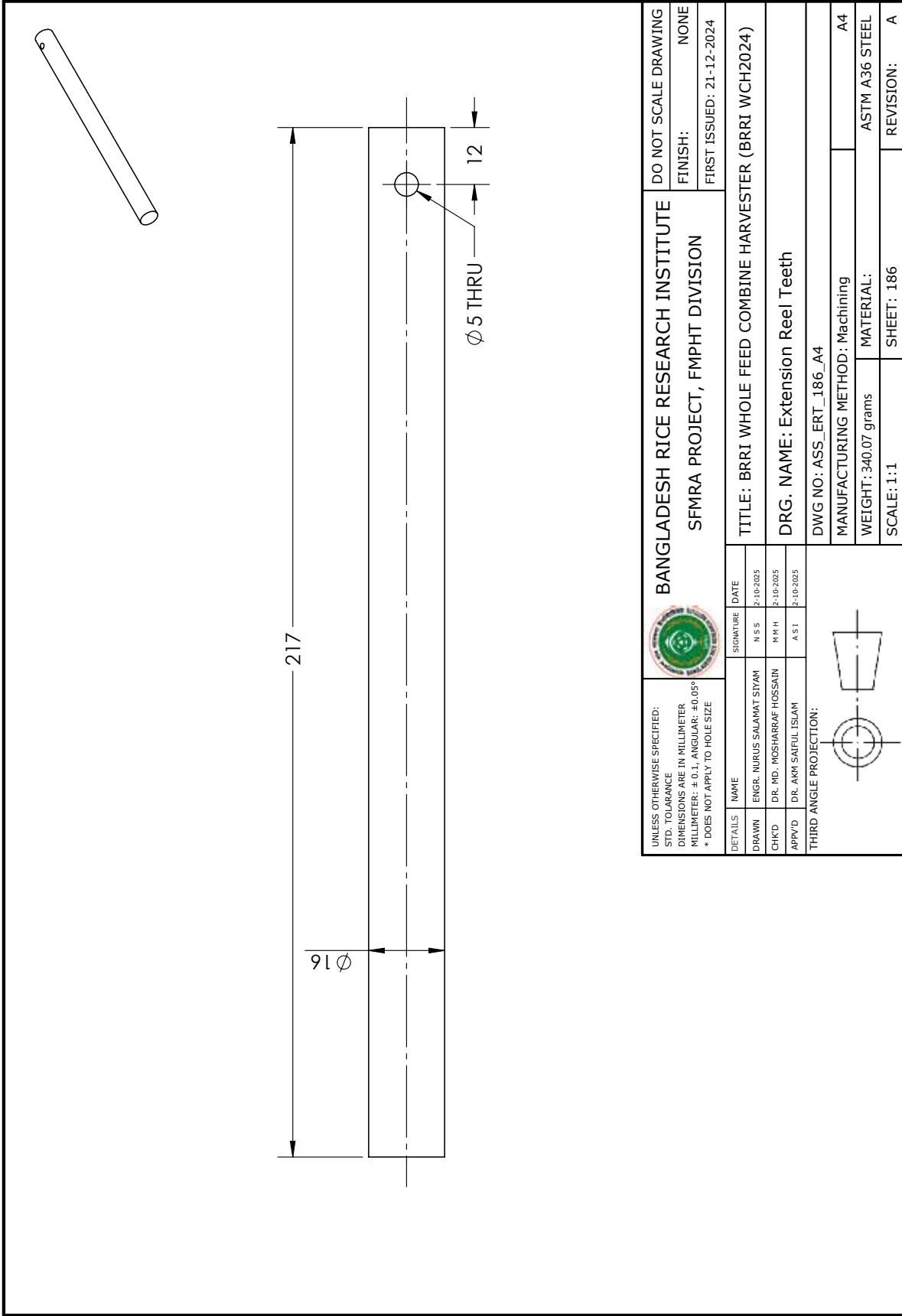



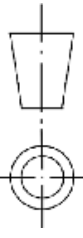
		BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
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DETAILS DRAWN ENGR. NURUS SALAMAT SIYAM N S S 2-10-2025 CHK'D DR. MD. MOSHARRAF HOSSAIN M N H 2-10-2025 APP'VD DR. AKM SAIFUL ISLAM A S I 2-10-2025		DWG NO: ASS_EAA_183_A4		MANUFACTURING METHOD: Machining, Molding	
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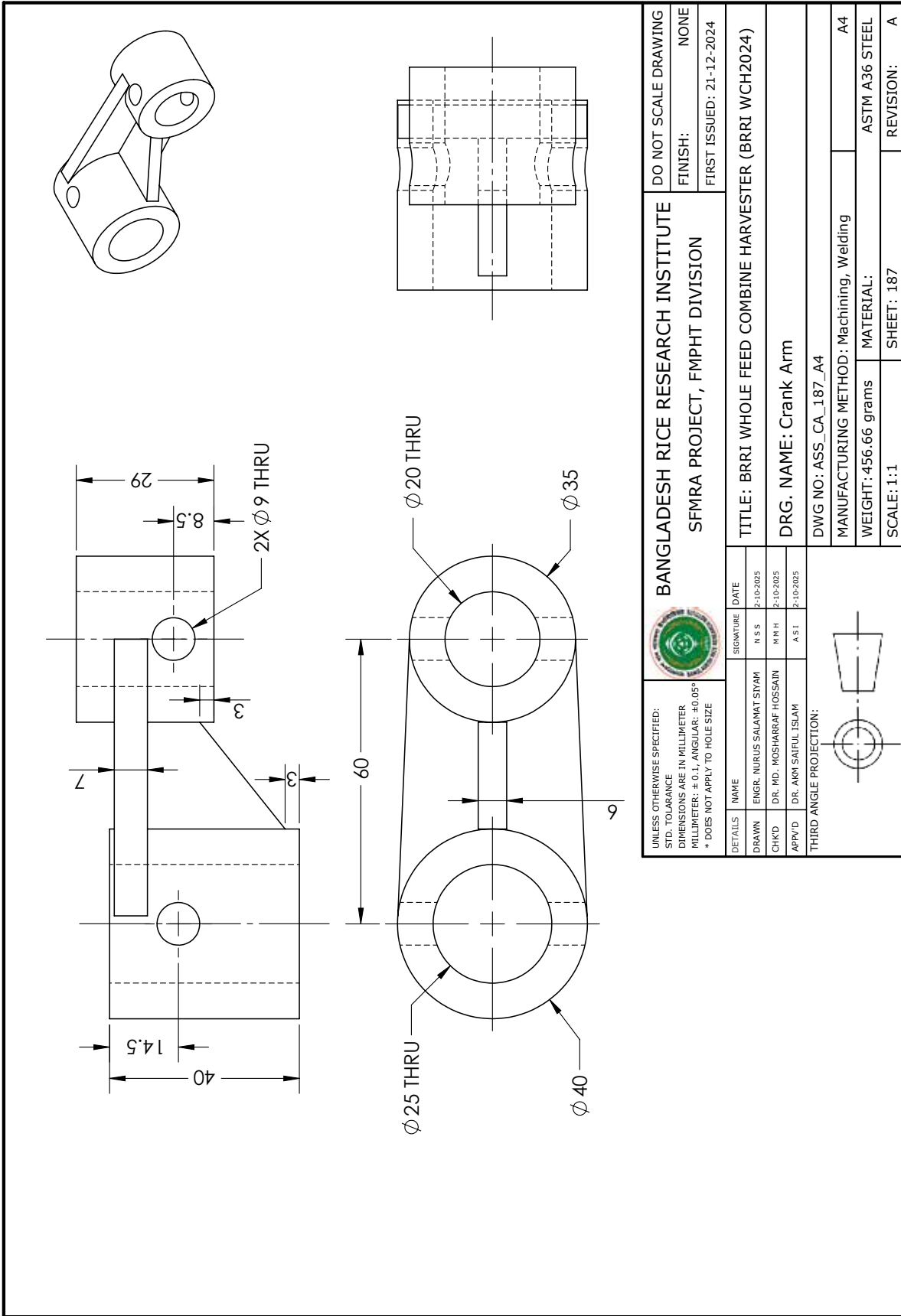


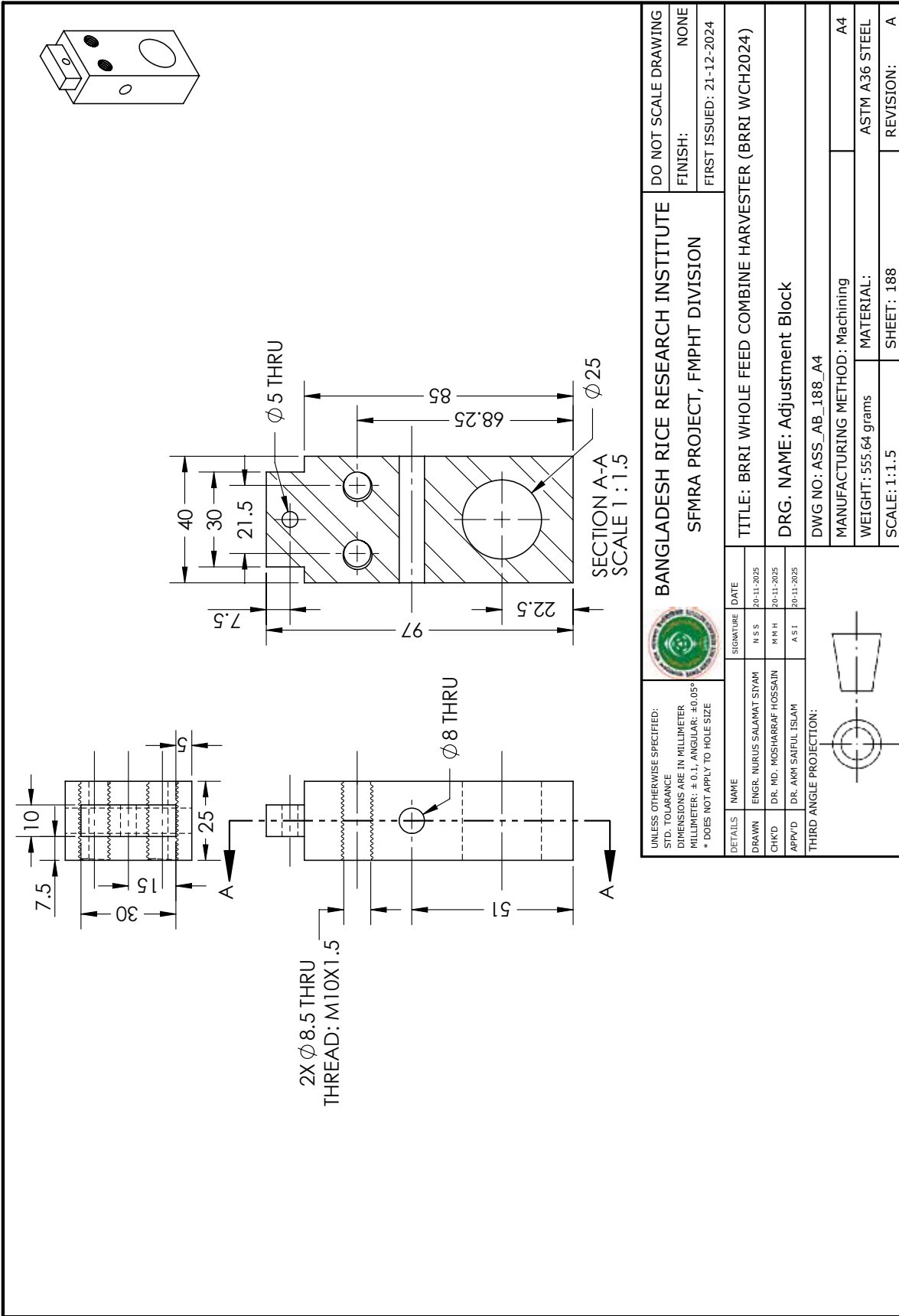


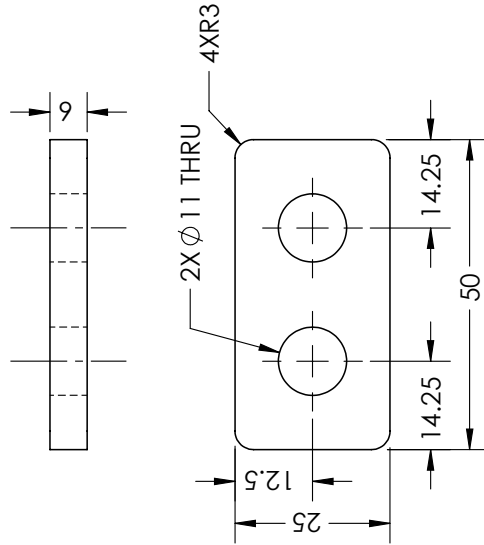
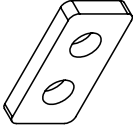
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DRAWN	ENGR. NURUS SALAMAT SIYAM	N S S	20-11-2025	DRG. NAME: Extension Reel Teeth Sleeve			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M H H	20-11-2025	DWG NO: ASS_ERTS_185_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Molding			
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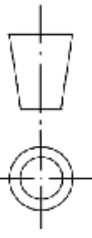


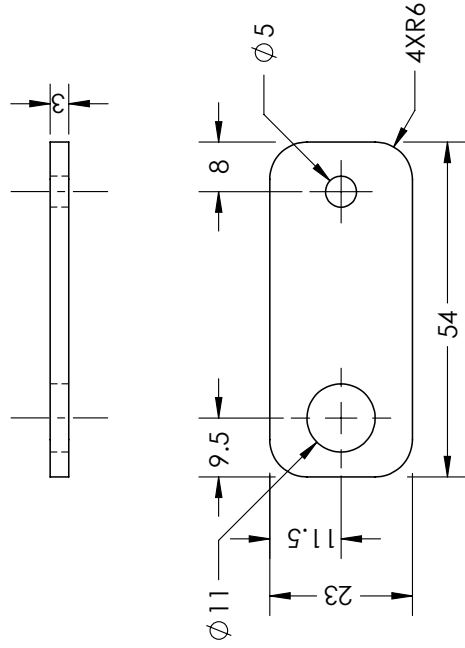
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DETAILS	NAME	SIGNATURE	DATE	TITLE: BRFI WHOLE FEED COMBINE HARVESTER (BRRI WCH2024)			
DRAWN	ENGR. NURUS SALAMAT SIYAM	N S S	2-10-2025	DRG. NAME: Extension Reel Teeth			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M H H	2-10-2025	DWG NO: ASS_ERT_186_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	2-10-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:				WEIGHT: 340.07 grams			
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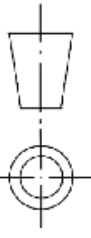


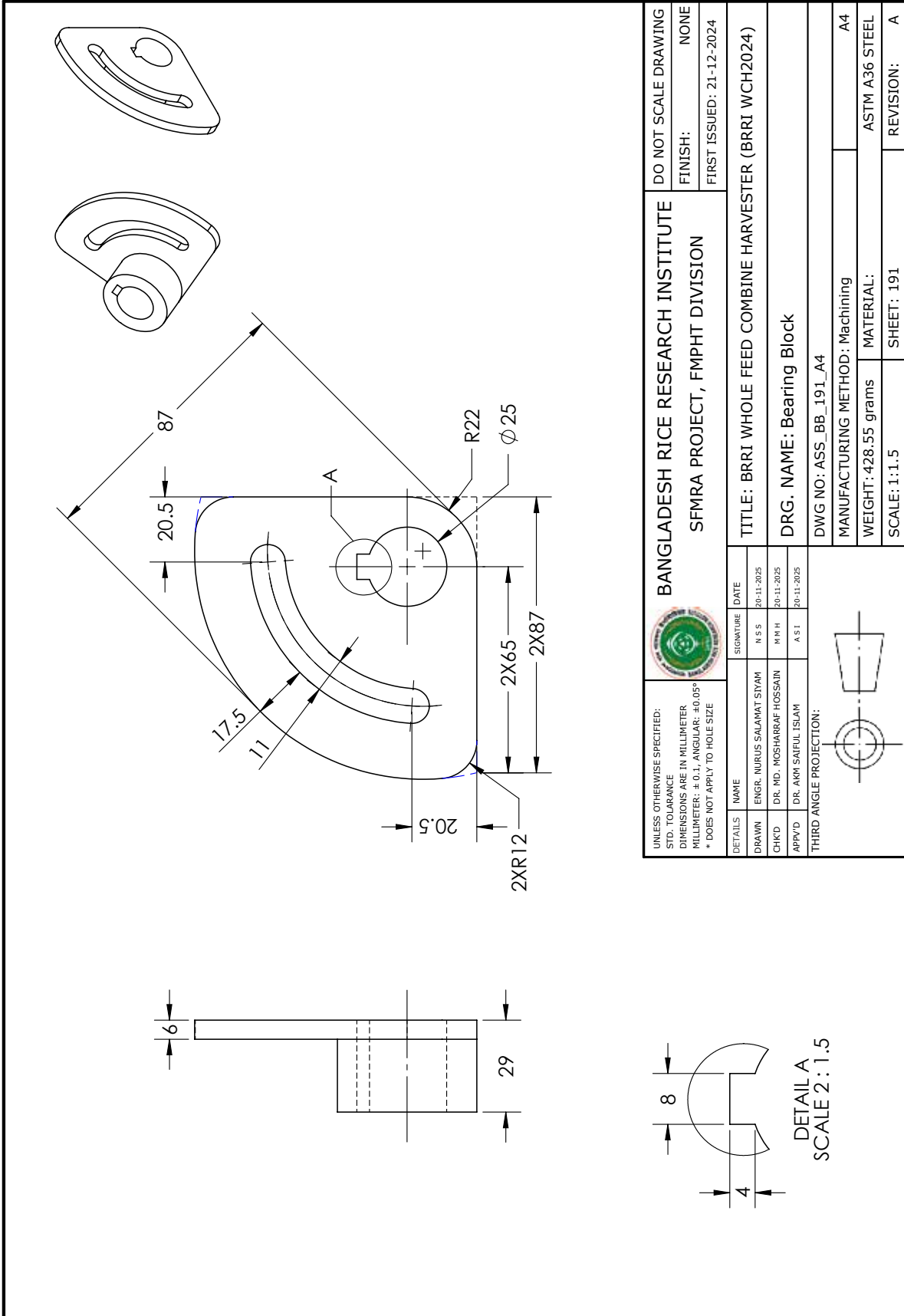



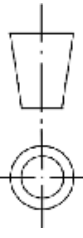


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DETAILS NAME ENGR. NURUS SALAMAT SIYAM CHKD DR. MD. MOSHARRAF HOSSAIN APPVD DR. AKM SAIFUL ISLAM		SIGNATURE N S S M H H A S I		DATE 20-11-2025 20-11-2025 20-11-2025		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024) DRG. NAME: Block Part - 1 DWG NO.: ASS_BP1_189_A4	
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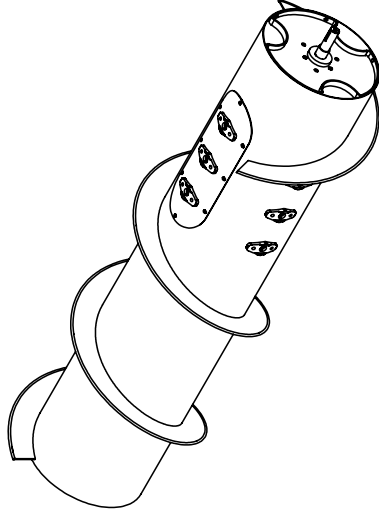
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<table border="1"> <thead> <tr> <th>DETAILS</th> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRAWN</td> <td>ENGR. NURUS SALAMAT SIYAM</td> <td>N S S</td> <td>20-11-2025</td> </tr> <tr> <td>CHK'D</td> <td>DR. MD. MOSHARRAF HOSSAIN</td> <td>M H H</td> <td>20-11-2025</td> </tr> <tr> <td>APP'VD</td> <td>DR. AKM SAIFUL ISLAM</td> <td>A S I</td> <td>20-11-2025</td> </tr> </tbody> </table>		DETAILS	NAME	SIGNATURE	DATE	DRAWN	ENGR. NURUS SALAMAT SIYAM	N S S	20-11-2025	CHK'D	DR. MD. MOSHARRAF HOSSAIN	M H H	20-11-2025	APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)		FINISH: NONE FIRST ISSUED: 21-12-2024	
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CHK'D	DR. MD. MOSHARRAF HOSSAIN	M H H	20-11-2025																		
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025																		
THIRD ANGLE PROJECTION: 		DRG. NAME: Block Part - 2		MANUFACTURING METHOD: Machining																	
		DWG NO.: ASS_BP2_190_A4		WEIGHT: 25.82 grams																	
		SCALE: 1:1		MATERIAL: ASTM A36 STEEL																	
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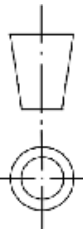


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DRAWN	ENGR. NURUS SALAMAT SIYAM	N S S	20-11-2025	DRG. NAME: Bearing Block			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M H H	20-11-2025	DWG NO.: ASS_BB_191_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
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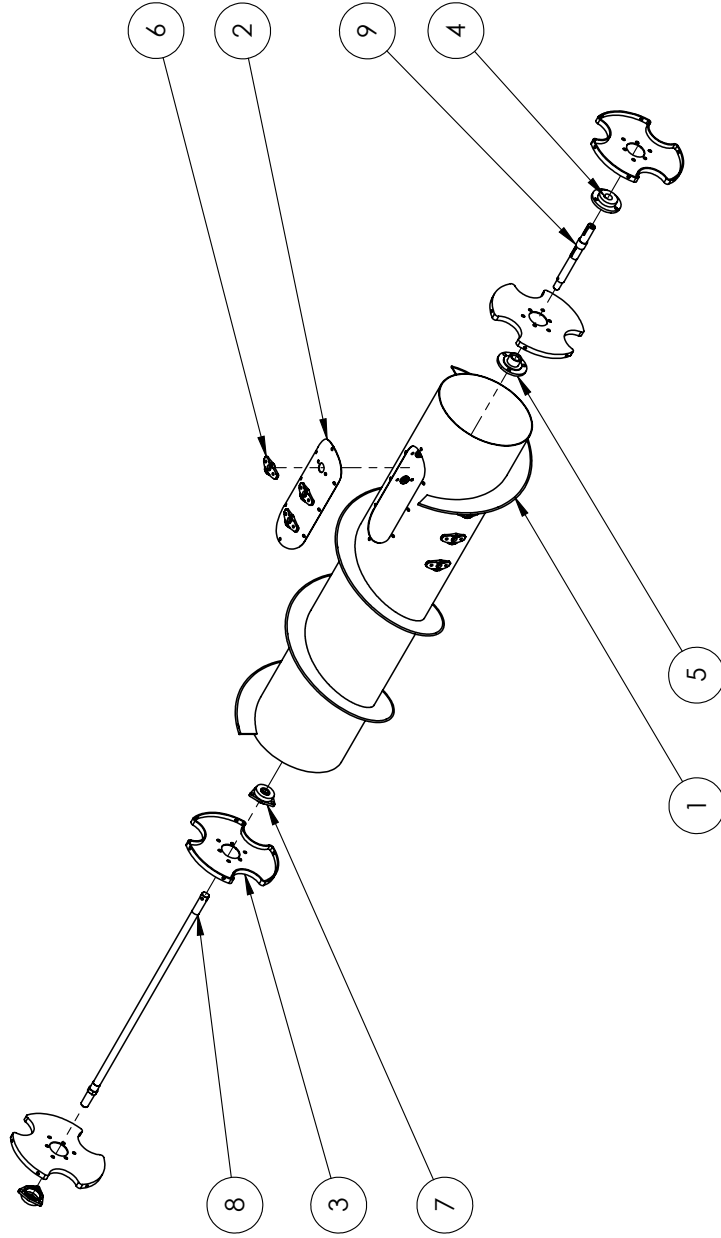
BILL OF MATERIAL: CUTTING AUGER DRUM ASSEMBLY


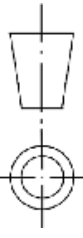
ITEM NO.	PART NAME	QTY.	PART NUMBER	MATERIAL
1	Auger Drum	1	ASS_AD_194_A4	ASTM A36 STEEL
2	Set Cover	1	ASS_SC_195_A4	ASTM A36 STEEL
3	Right End Cover	4	ASS_REC_196_A4	ASTM A36 STEEL
4	Axle Holder - 1	1	ASS_AH1_197_A4	ASTM A36 STEEL
5	Axle Holder - 2	1	ASS_AH2_198_A4	ASTM A36 STEEL
6	Teeth Holder	12	ASS_TH_199_A4	PTFE
7	6205 Bearing Mount	2	ASS_BM_200_A4	ASTM A36 STEEL
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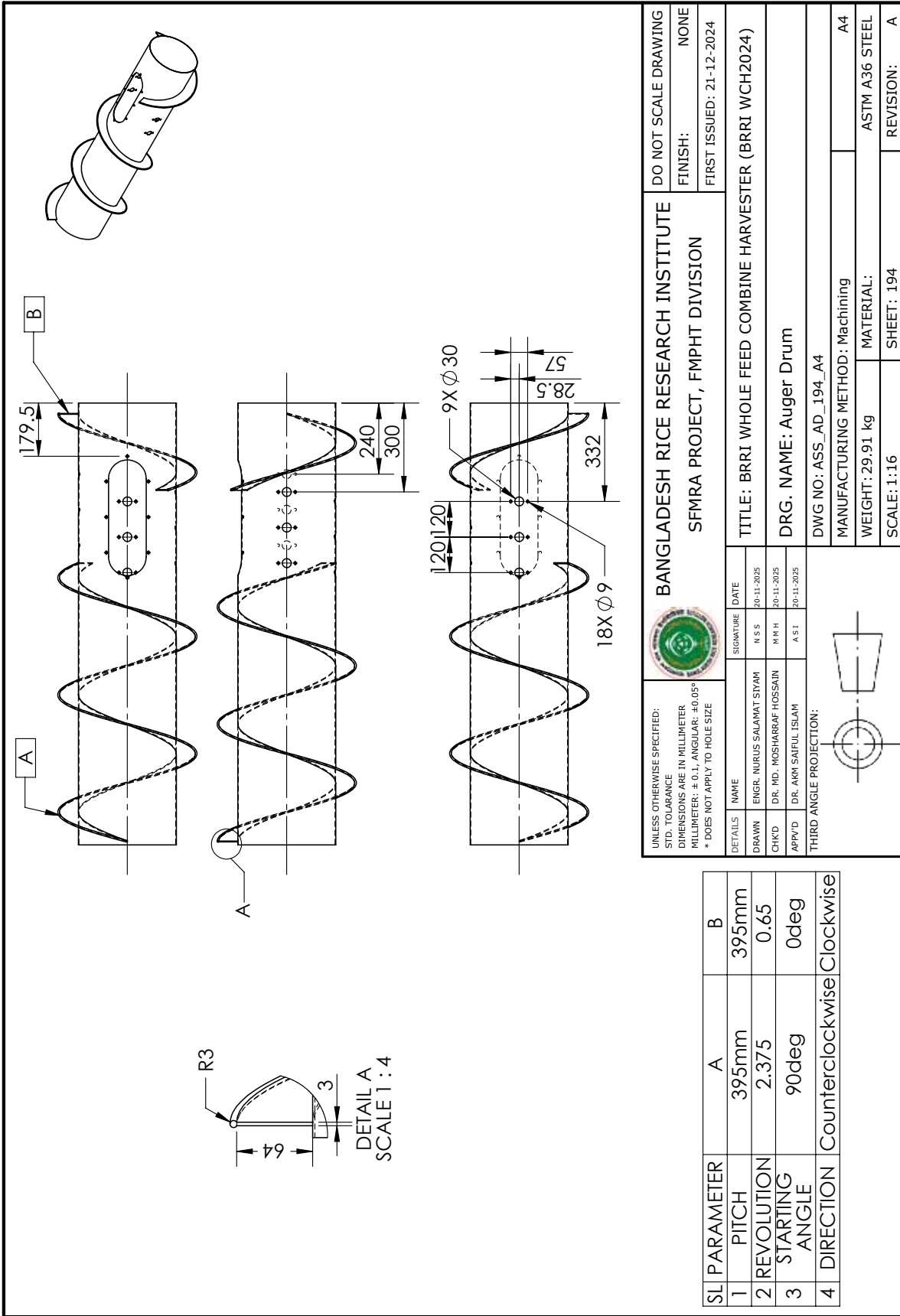


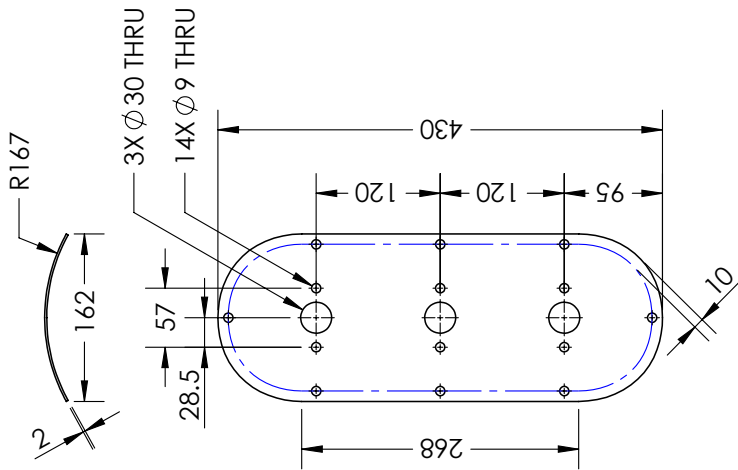
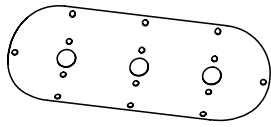
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE		BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING
		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)		FINISH: NONE
		DRG. NAME: Cutting Auger Drum Assembly		FIRST ISSUED: 21-12-2024
DWG NO: ASS_CADA_192_A4		MANUFACTURING METHOD: Machining, Molding, Bending, Welding		
THIRD ANGLE PROJECTION: 		WEIGHT: 42.80 kg		
		MATERIAL:		
		SCALE: 1:10		
		SHEET: 192		
		REVISION: A		


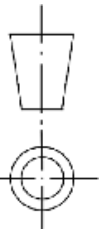
EXPLODED VIEW: CUTTING AUGER DRUM ASSEMBLY

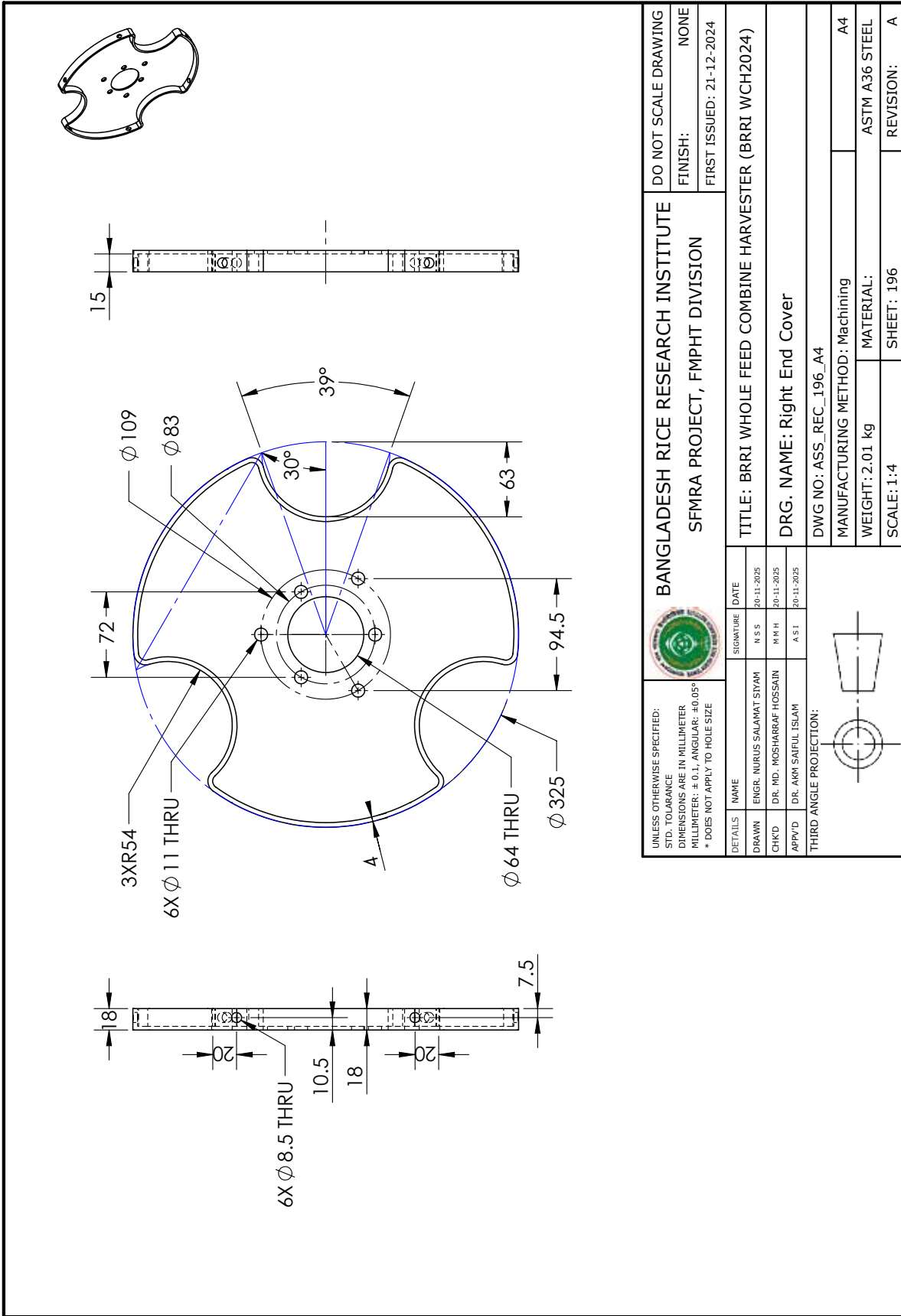


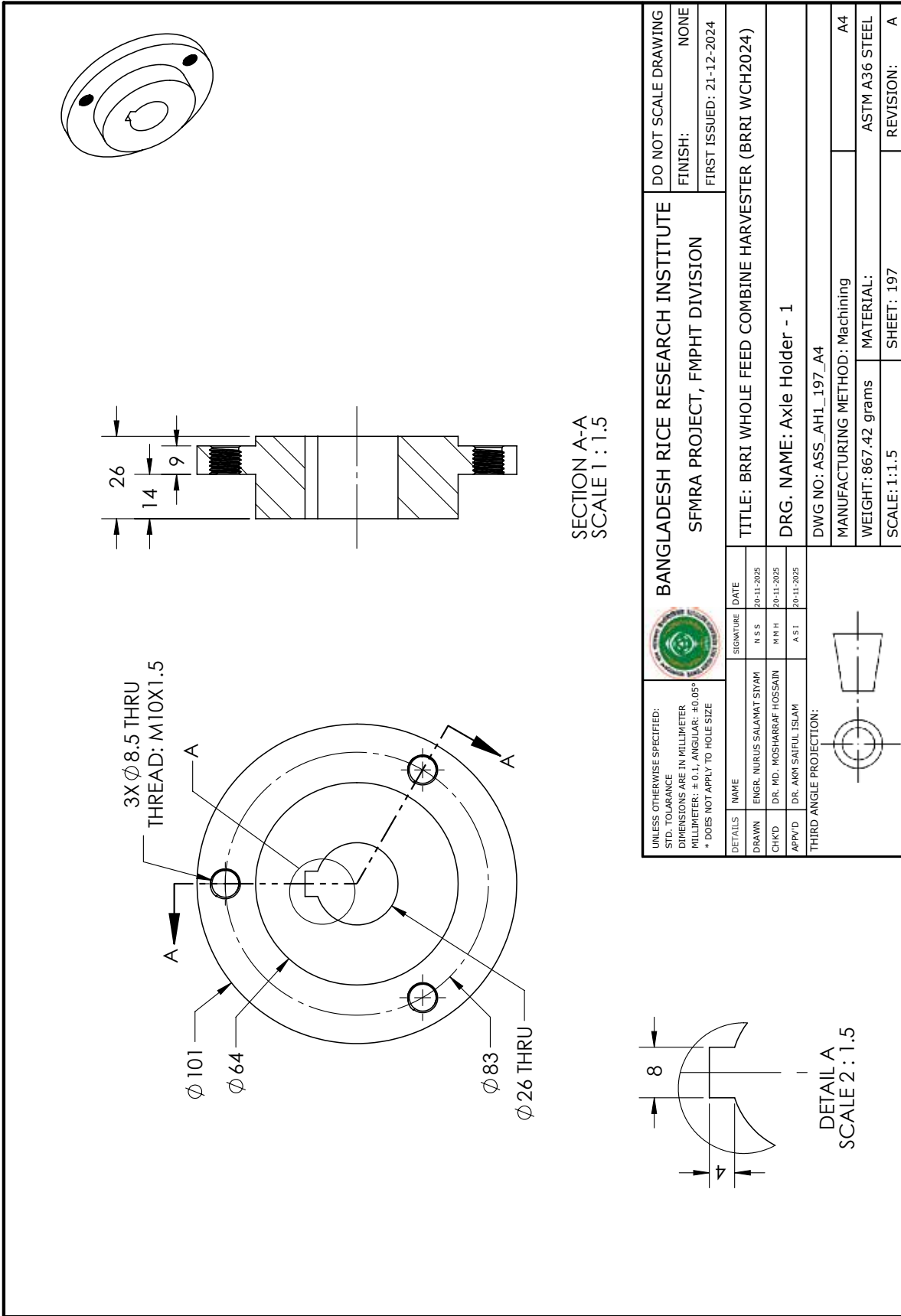
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1 ; ANGULAR: $\pm 0.05^\circ$ * DOES NOT APPLY TO HOLE SIZE		 BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING
DETAILS		SIGNATURE	DATE	FINISH: NONE
DRAWN	ENGR. NURUS SALAMAT SIYAM	N S S	2-10-2025	FIRST ISSUED: 21-12-2024
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	2-10-2025	
APP'VD	DR. AKM SAIFUL ISLAM	A S I	2-10-2025	
THIRD ANGLE PROJECTION:		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)		
		DRG. NAME: Cutting Auger Drum Assembly		
		DWG NO: ASS_CADA_193_A4		
		MANUFACTURING METHOD: Machining, Molding, Bending, Welding		
		WEIGHT: 42.80 kg		
		MATERIAL:		
		SCALE: 1:20		
		SHEET: 193		
		REVISION: A		




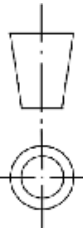


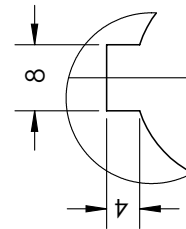
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. NURUS SALAMAT SIYAM	N S S	20-11-2025	DRG. NAME: Set Cover			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M H H	20-11-2025	DWG NO.: ASS_SC_195_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:				WEIGHT: 997.58 kg			
				SCALE: 1:6			
				MATERIAL: ASTM A36 STEEL			
				SHEET: 195			
				REVISION: A			



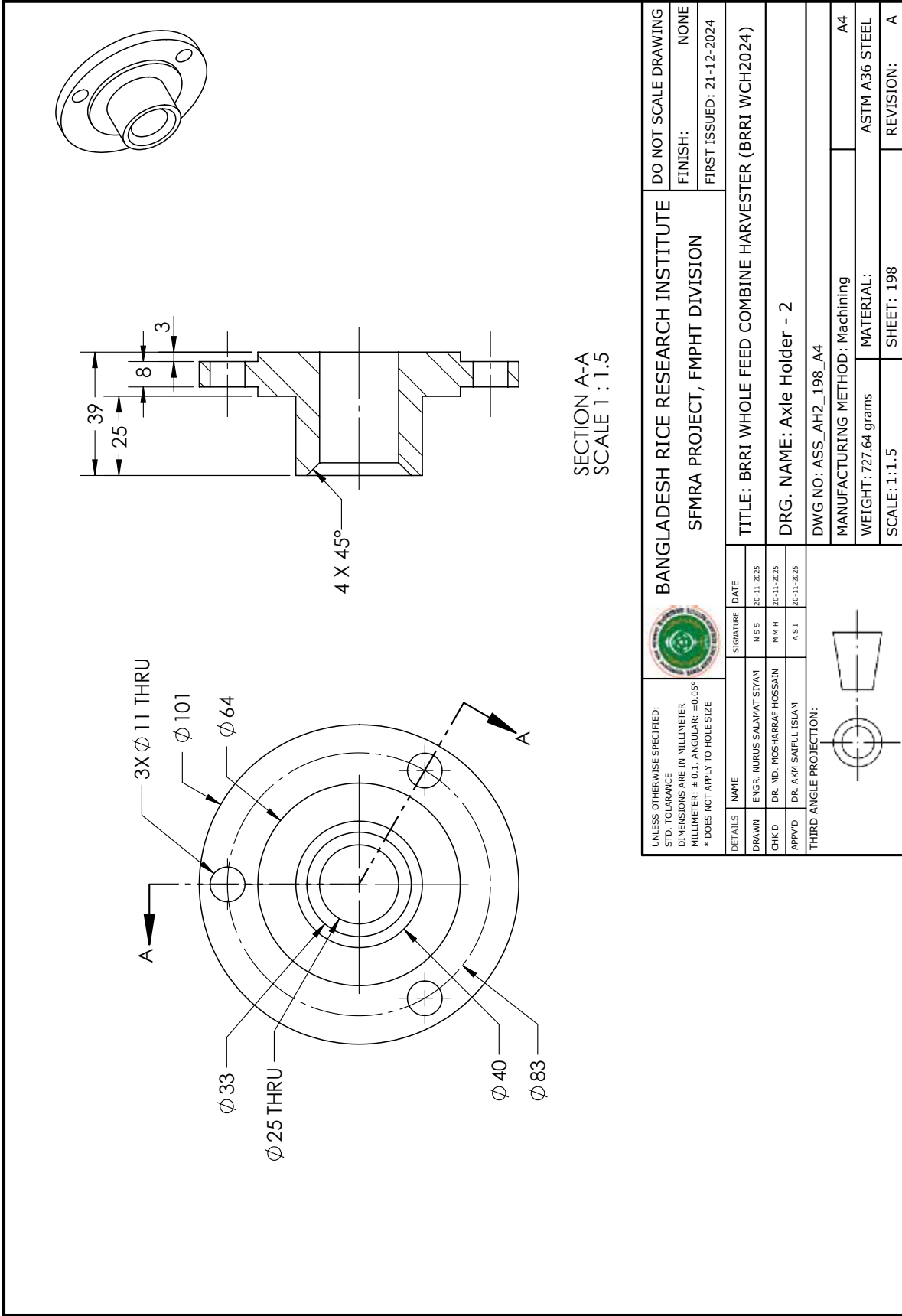


SECTION A-A
SCALE 1 : 1.5


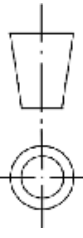
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. NURUS SALAMAT SIYAM	N S S	20-11-2025	DRG. NAME: Axle Holder - 1			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	20-11-2025	DWG NO: ASS_AH1_197_A4			
APP'VD	DR. AKI SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:				WEIGHT: 867.42 grams			
				SCALE: 1:1.5			
				SHEET: 197			
				REVISION: A			
				MATERIAL: ASTM A36 STEEL			

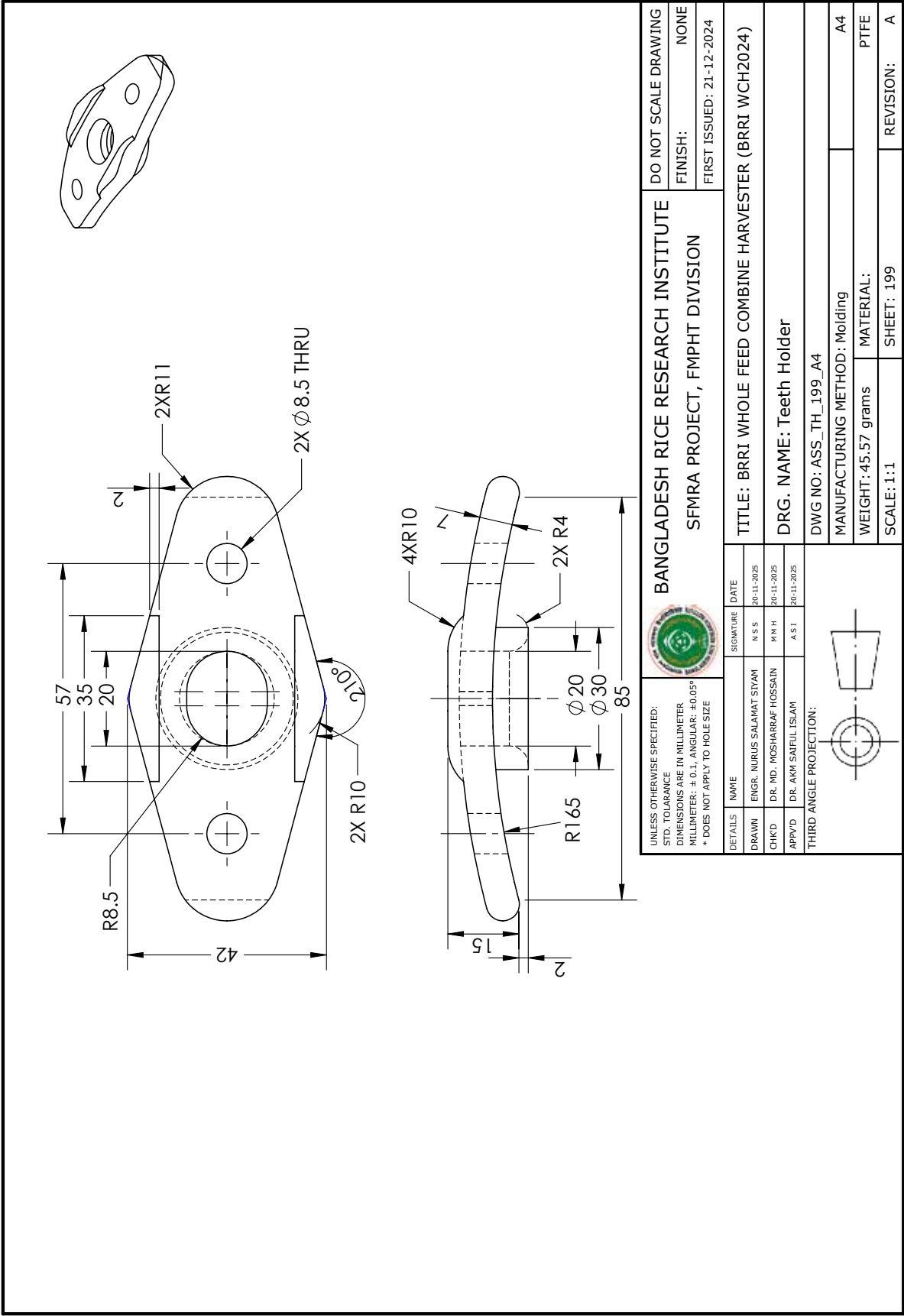



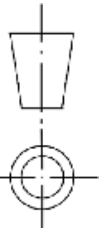
DETAIL A
SCALE 2 : 1.5

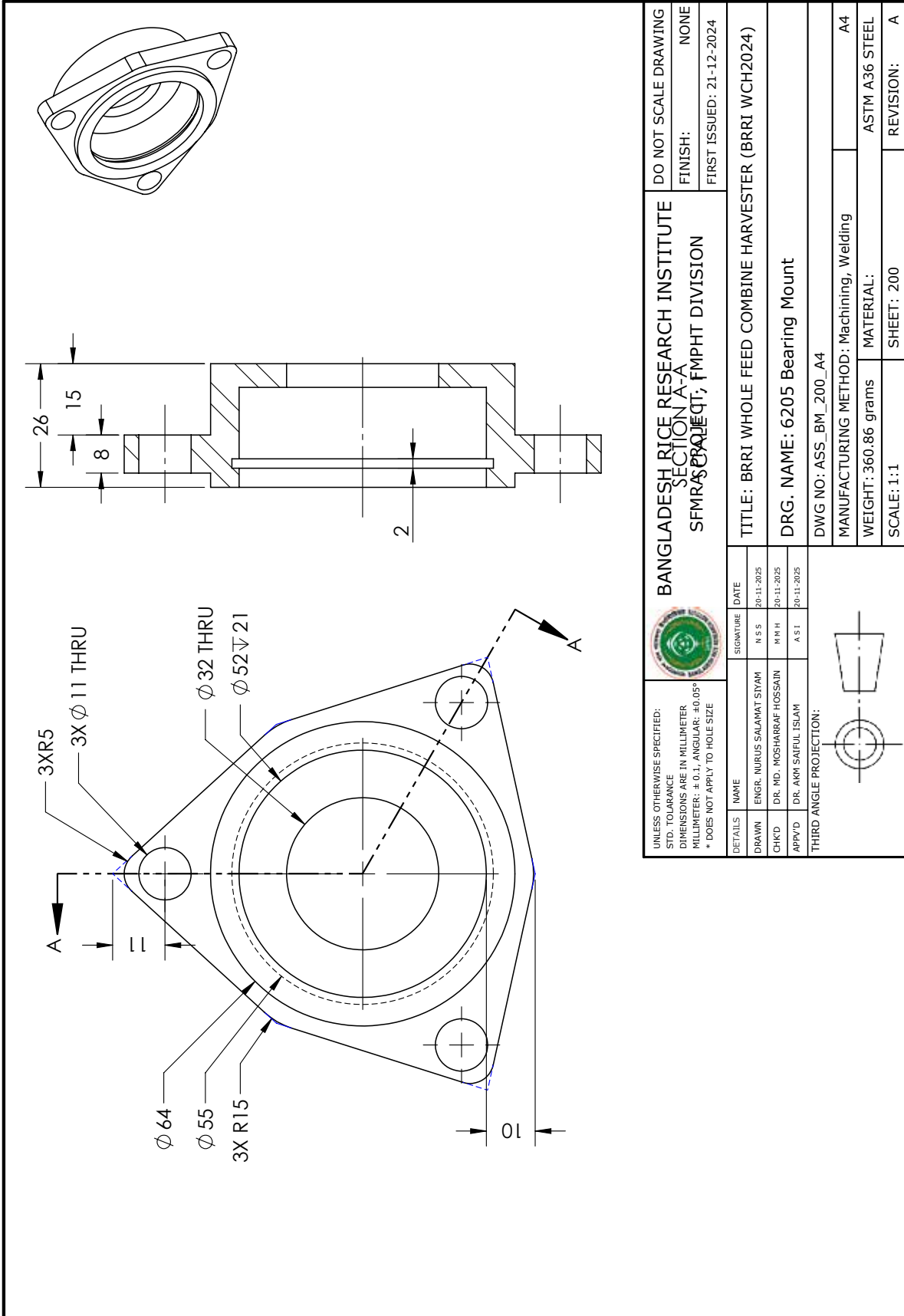



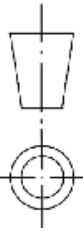
SECTION A-A
SCALE 1 : 1.5

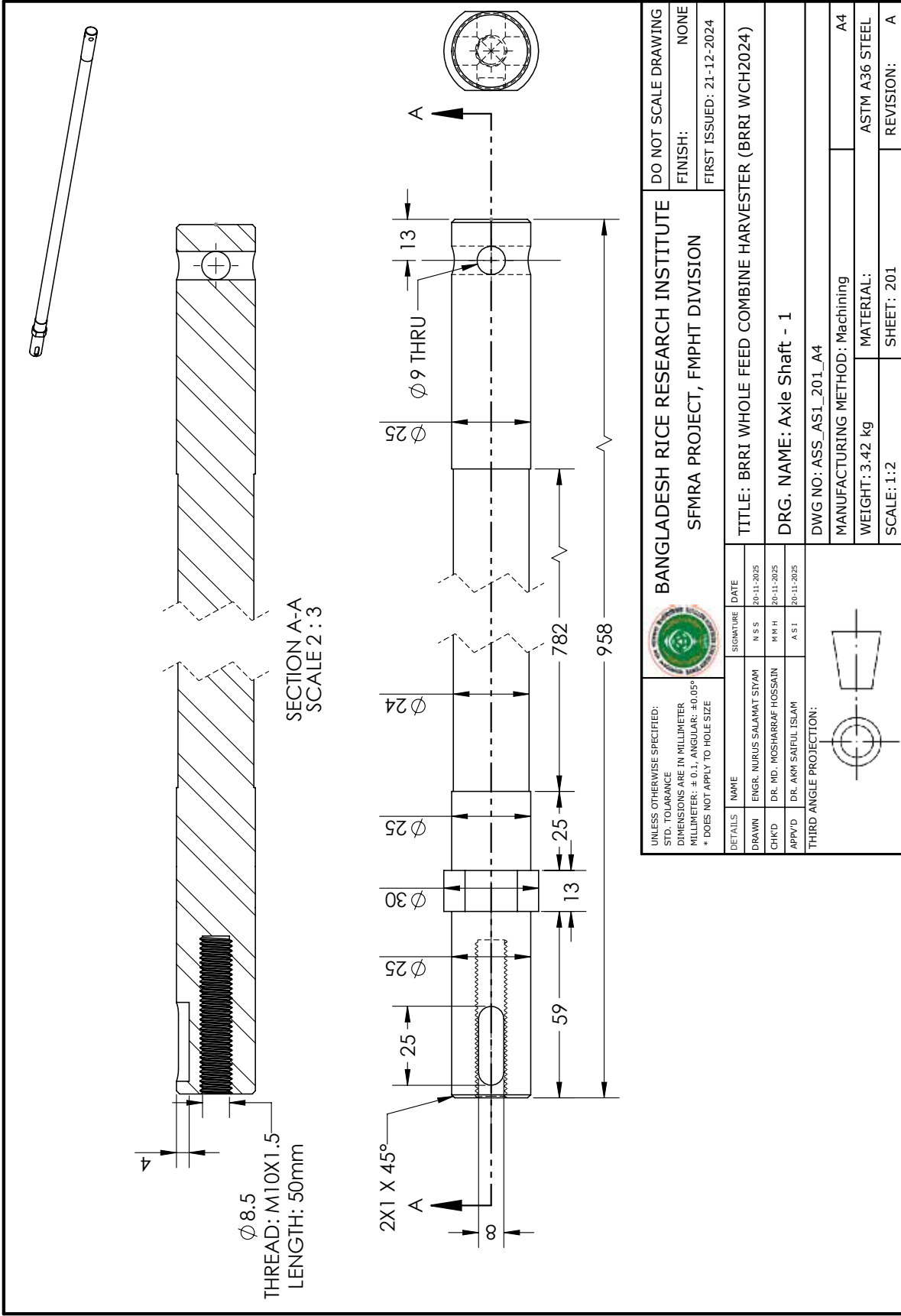
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. NURUS SALAMAT SIYAM	N S S	20-11-2025	DRG. NAME: Axle Holder - 2			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M H H	20-11-2025	DWG NO.: ASS_AH2_198_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:				WEIGHT: 727.64 grams			
				MATERIAL: ASTM A36 STEEL			
				SCALE: 1:1.5			
				SHEET: 198			
				REVISION: A			

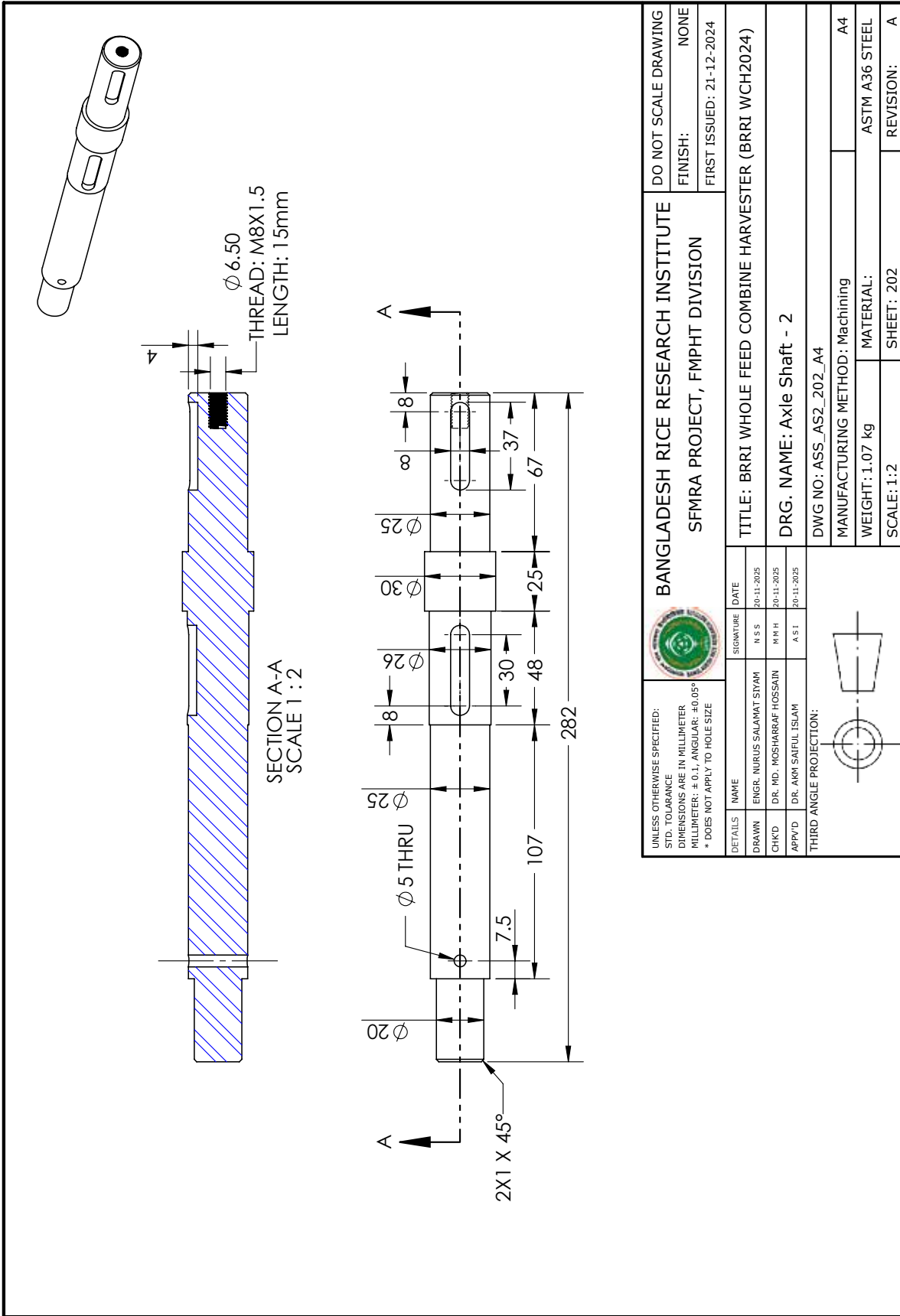


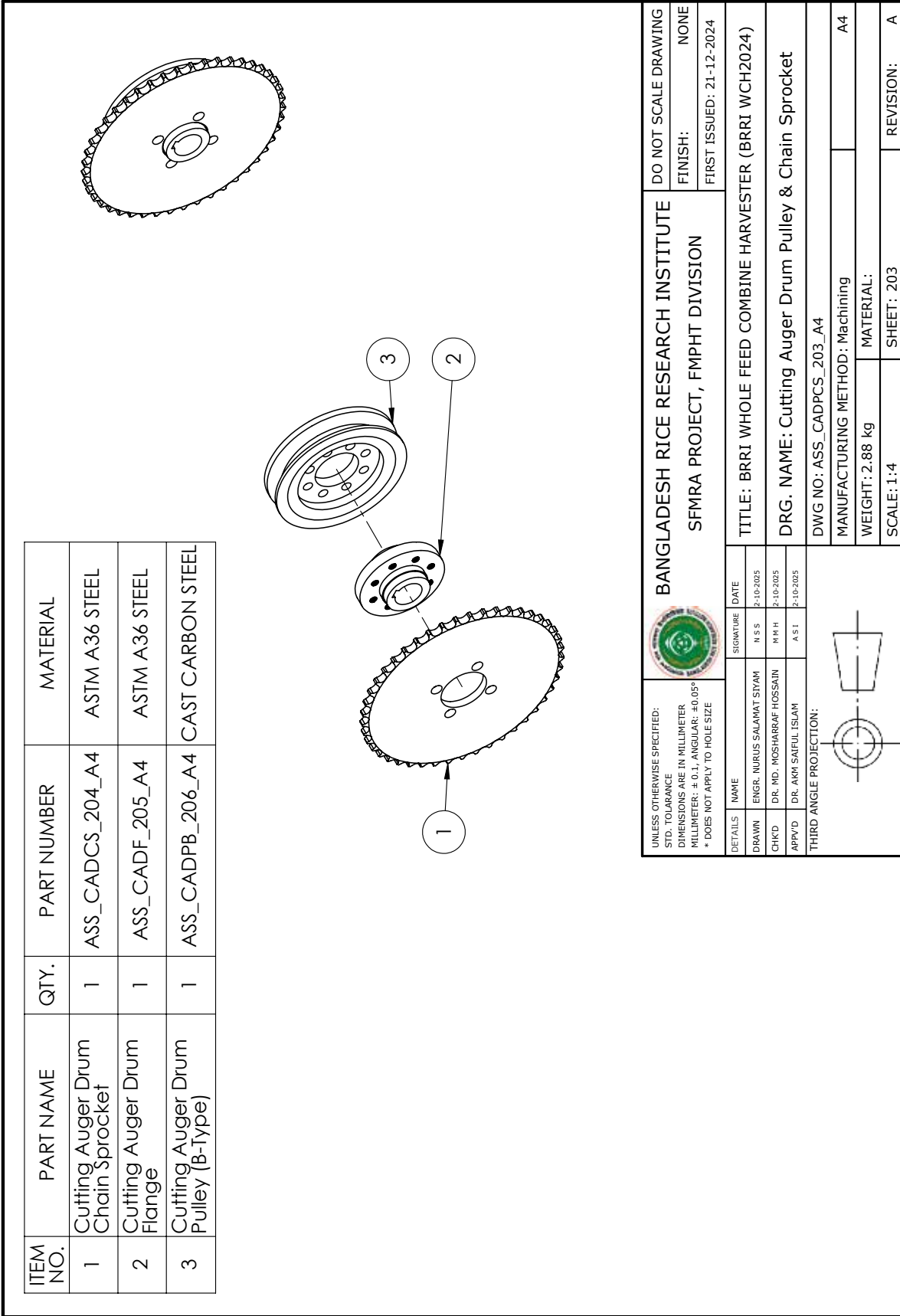
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. NURUS SALAMAT SIYAM	N S S	20-11-2025	DRG. NAME: Teeth Holder			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	20-11-2025	DWG NO.: ASS_TH_199_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Molding			
THIRD ANGLE PROJECTION:				WEIGHT: 45.57 grams			
				SCALE: 1:1			
				REVISION: A			

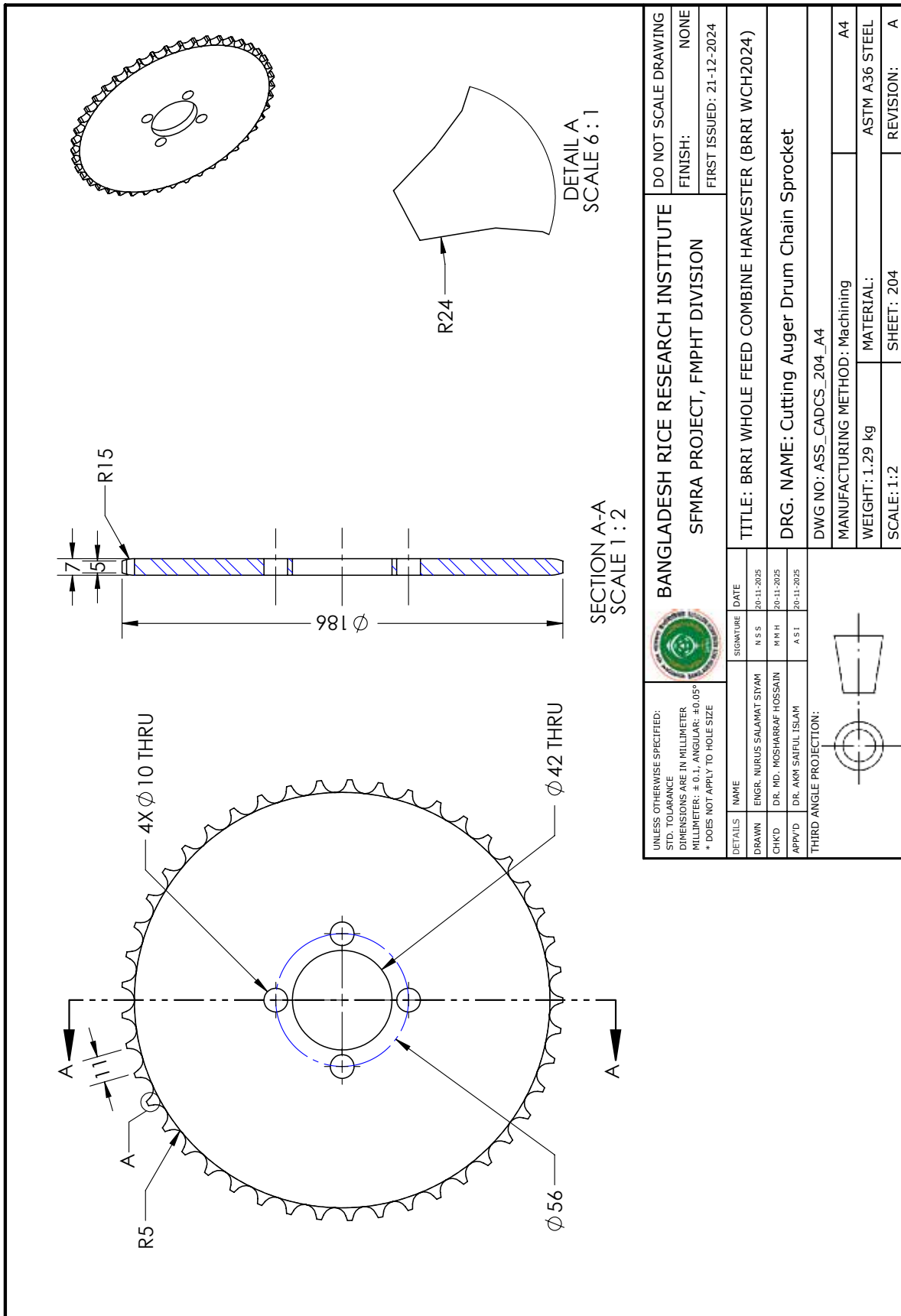


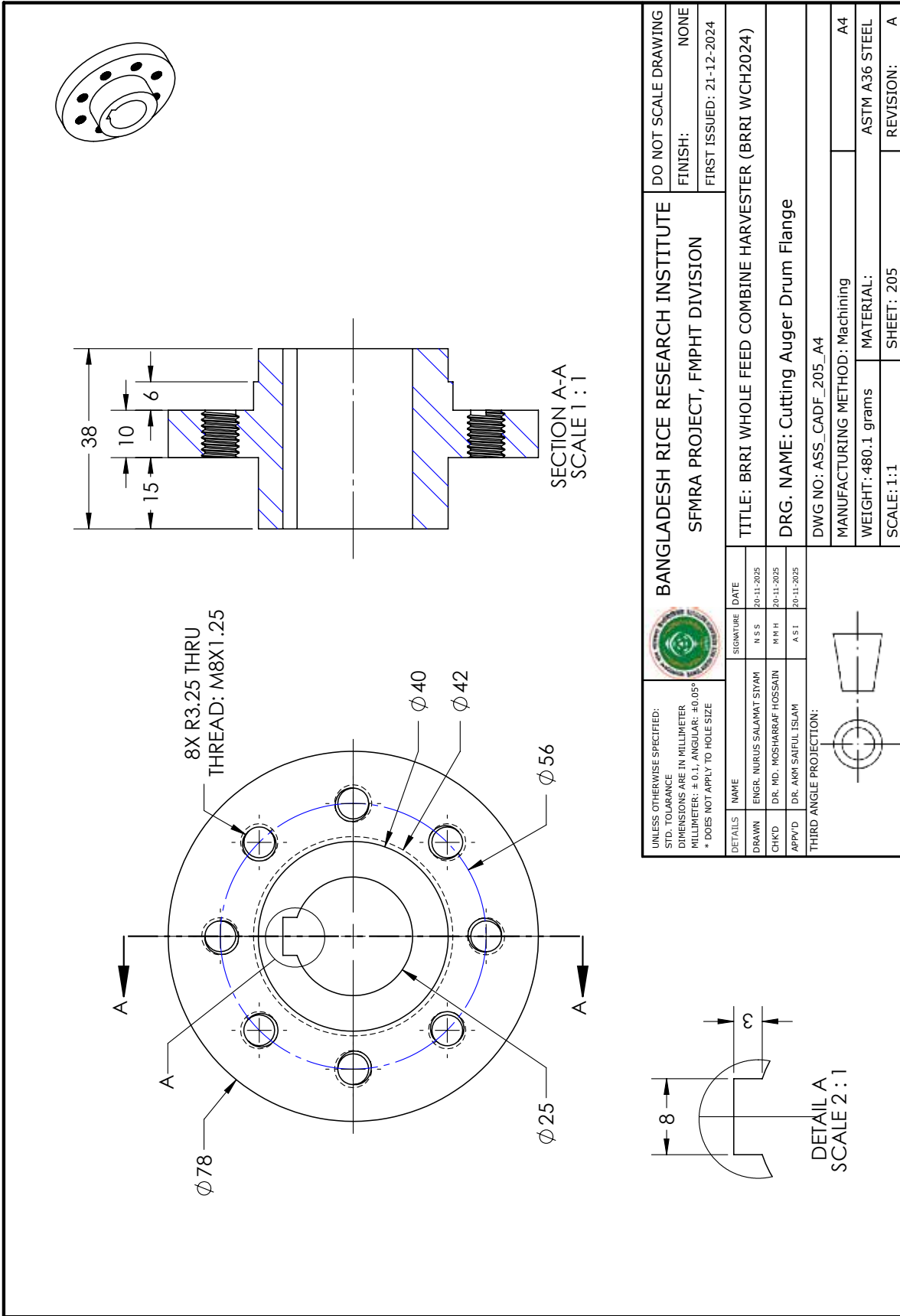
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SECTION A-A SFMR SUBJECT; FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. NURUS SALAMAT SIYAM	N S S	20-11-2025	DRG. NAME: 6205 Bearing Mount			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	20-11-2025	DWG NO.: ASS_BM_200_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining, Welding			
THIRD ANGLE PROJECTION:						WEIGHT: 360.86 grams MATERIAL: ASTM A36 STEEL SCALE: 1:1 SHEET: 200 REVISION: A	



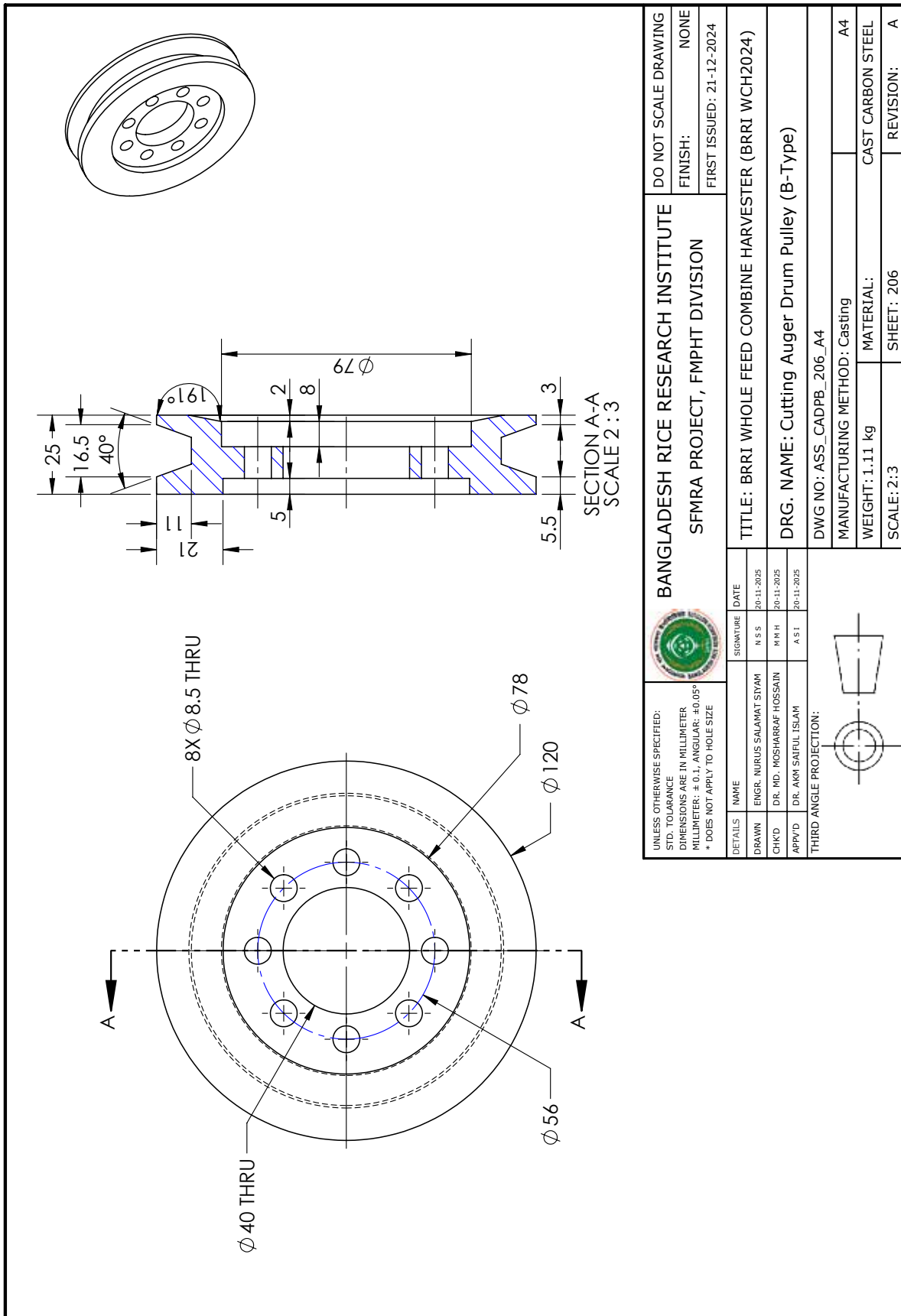


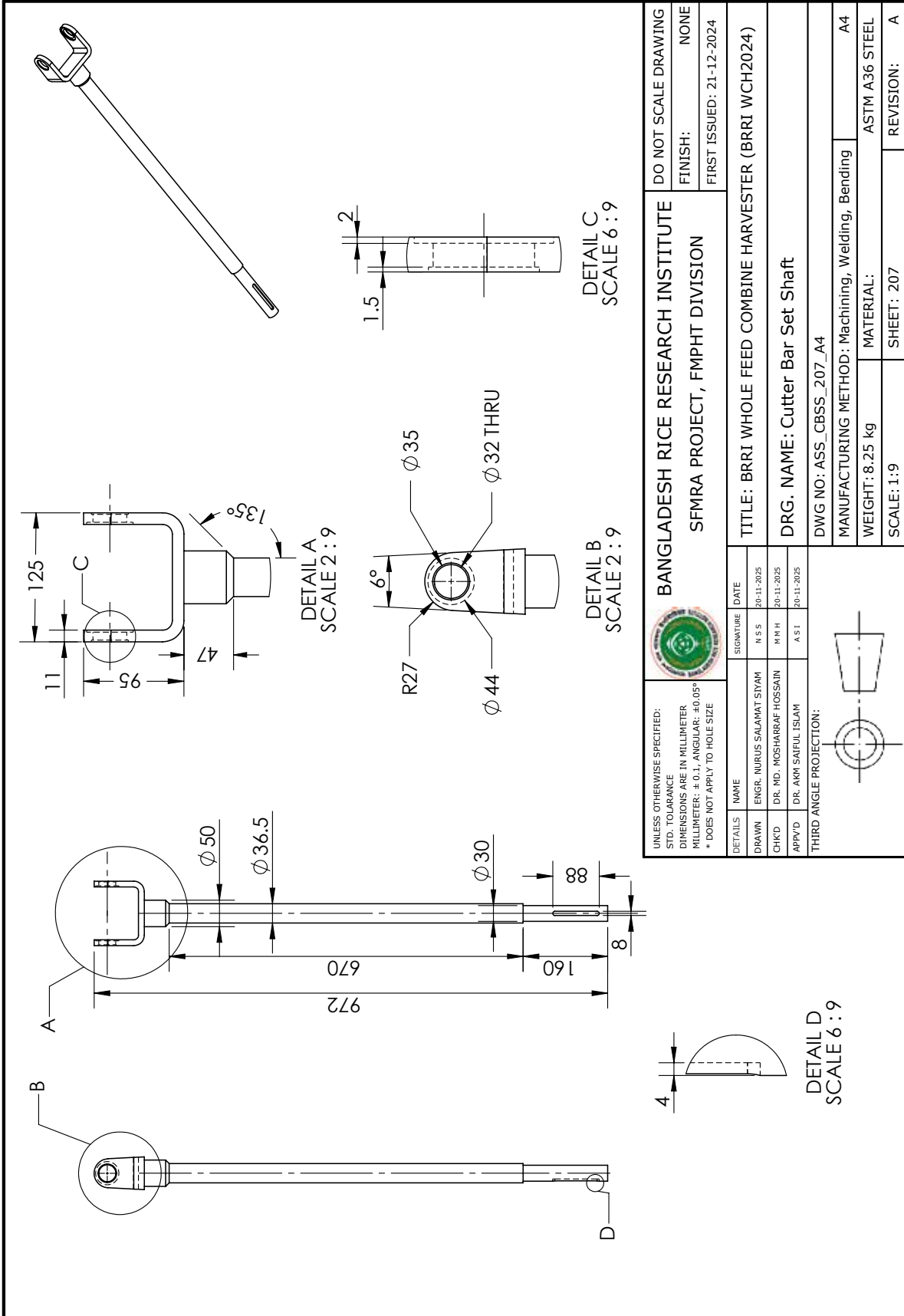



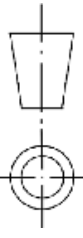


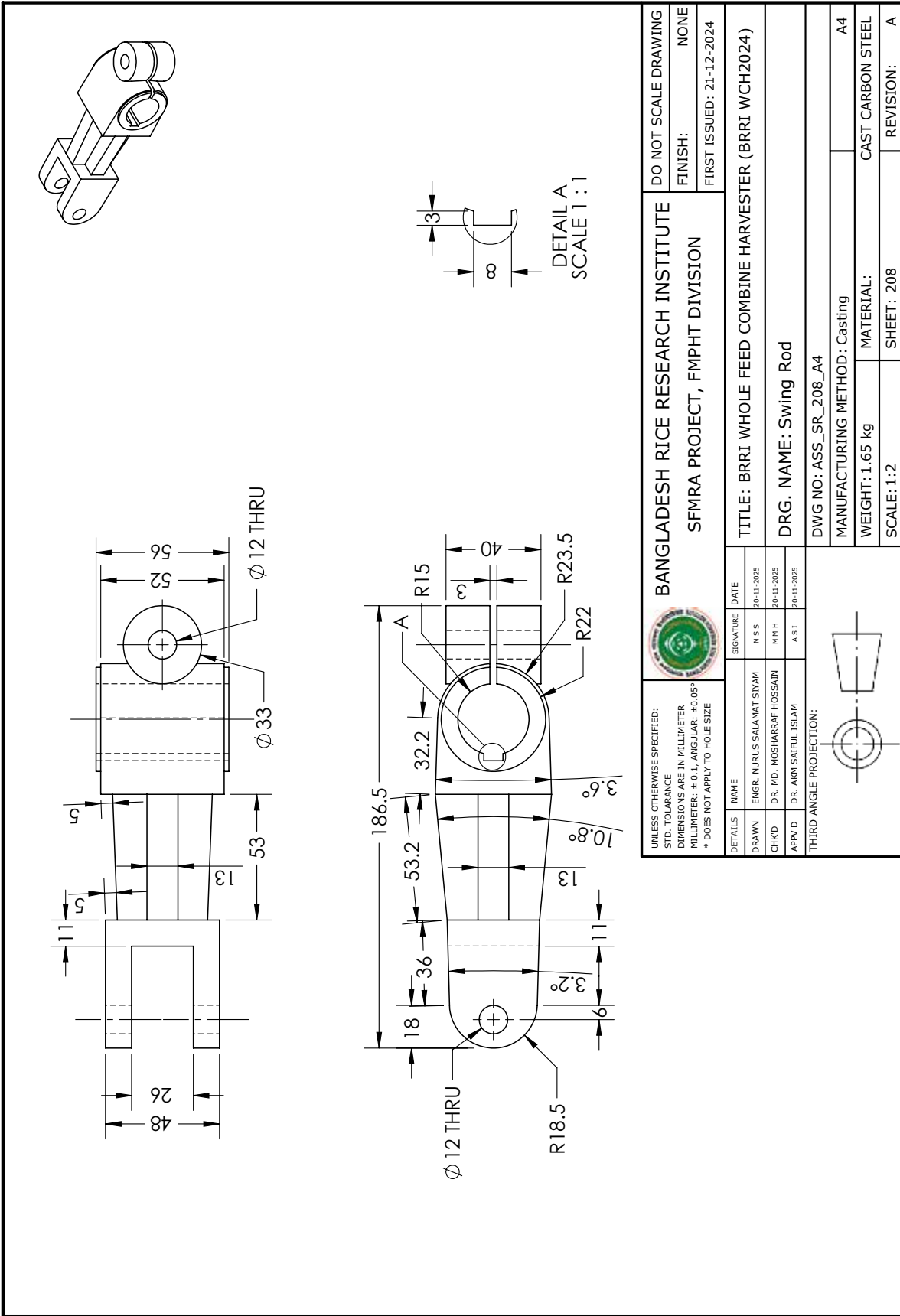


UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1 ; ANGULAR: $\pm 0.05^\circ$ * DOES NOT APPLY TO HOLE SIZE		SIGNATURE		DATE	DO NOT SCALE DRAWING	
DRAWN	ENGR. NURUS SALAMAT SIYAM	N S S	20-11-2025	FINISH: NONE		FIRST ISSUED: 21-12-2024
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M H H	20-11-2025	BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	TITLE: BRR I WHOLE FEED COMBINE HARVESTER (BRR I WCH2024)		
THIRD ANGLE PROJECTION:				DRG. NAME: Cutting Auger Drum Flange		
DWG NO.: ASS_CADF_205_A4				MANUFACTURING METHOD: Machining		
WEIGHT: 480.1 grams				MATERIAL: ASTM A36 STEEL		
SCALE: 1:1				SHEET: 205		
REVISION: A				REVISION: A		



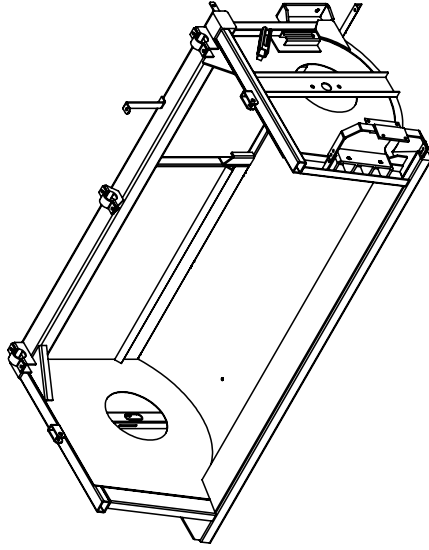



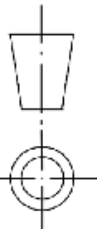
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE		 BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING
DETAILS		SIGNATURE	DATE	FINISH: NONE
DRAWN	ENGR. NURUS SALAMAT SIYAM	N S S	20-11-2025	FIRST ISSUED: 21-12-2024
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	20-11-2025	
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	
THIRD ANGLE PROJECTION:		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)		
		DRG. NAME: Cutter Bar Set Shaft		
		DWG NO: ASS_CBSS_207_A4		
		MANUFACTURING METHOD: Machining, Welding, Bending		
		WEIGHT: 8.25 kg		
		MATERIAL: ASTM A36 STEEL		
		SCALE: 1:9		
		SHEET: 207		
		REVISION: A		



BILL OF MATERIAL: CUTTING TABLE ASSEMBLY

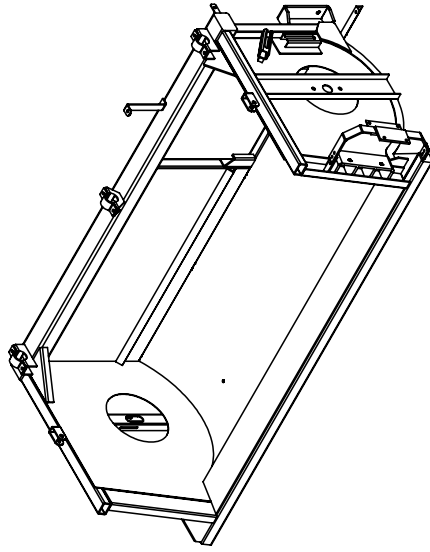
ITEM NO.	PART NAME	QTY.	PART NUMBER	MATERIAL
1	Cutting Table	1	ASS_CT_213_A4	ASTM A36 STEEL
2	SBX-40-04-1745	1	ASS_SB1_214_A4	ASTM A36 STEEL
3	SBX-40-04-400	2	ASS_SB2_215_A4	ASTM A36 STEEL
4	RBX-40-30-04-400	3	ASS_RB1_216_A4	ASTM A36 STEEL
5	RBX-80-60-05-1600	1	ASS_RB2_217_A4	ASTM A36 STEEL
6	SBX-40-04-1504	1	ASS_SB3_218_A4	ASTM A36 STEEL
7	RBX-50-30-04-610	2	ASS_RB3_219_A4	ASTM A36 STEEL
8	ANG-25-25-04-880	1	ASS_AB1_220_A4	ASTM A36 STEEL
9	ANG-25-25-04-150	1	ASS_AB2_221_A4	ASTM A36 STEEL
10	ANG-25-25-04-215	1	ASS_AB3_222_A4	ASTM A36 STEEL
11	ANG-25-25-04-540	1	ASS_AB4_223_A4	ASTM A36 STEEL
12	ANG-25-25-04-515	1	ASS_AB5_224_A4	ASTM A36 STEEL
13	ANG-25-25-04-75	1	ASS_AB6_225_A4	ASTM A36 STEEL
14	ANG-25-25-04-130	1	ASS_AB7_226_A4	ASTM A36 STEEL
15	CT Bended Plate - 1	2	ASS_CTBP1_227_A4	ASTM A36 STEEL


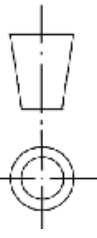


UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE		 BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING
DETAILS		SIGNATURE	DATE	FINISH: NONE
DRAWN	ENGR. NURUS SALAMAT SIYAM	N S S	2-10-2025	FIRST ISSUED: 21-12-2024
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	2-10-2025	
APP'VD	DR. AKM SAIFUL ISLAM	A S I	2-10-2025	
THIRD ANGLE PROJECTION:				
TITLE: BRR I WHOLE FEED COMBINE HARVESTER (BRR I WCH2024)				
DRG. NAME: Cutting Table Assembly				
DWG NO: ASS_CTA_209_A4				
MANUFACTURING METHOD: Machining				
WEIGHT: 119.40 kg				
SCALE: 1:20				
MATERIAL: A4				
SHEET: 209				
REVISION: A				

BILL OF MATERIAL: CUTTING TABLE ASSEMBLY

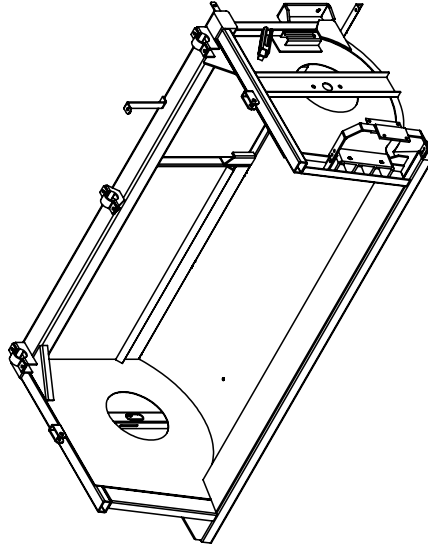
ITEM NO.	PART NAME	QTY.	PART NUMBER	MATERIAL
16	CT Bended Plate - 3	1	ASS_CTBP3_228_A4	ASTM A36 STEEL
17	CT Bended Plate - 4	1	ASS_CTBP4_229_A4	ASTM A36 STEEL
18	CT Bended Plate - 5	1	ASS_CTBP5_230_A4	ASTM A36 STEEL
19	CT Bended Plate - 6	1	ASS_CTBP6_231_A4	ASTM A36 STEEL
20	CT Bended Plate - 7	1	ASS_CTBP7_232_A4	ASTM A36 STEEL
21	CT Bended Plate - 8	2	ASS_CTBP8_233_A4	ASTM A36 STEEL
22	CT Bended Plate - 10	2	ASS_CTBP10_234_A4	ASTM A36 STEEL
23	CT Bended Plate - 11	1	ASS_CTBP11_235_A4	ASTM A36 STEEL
24	CT Bended Sheet - 1	1	ASS_CTBS1_236_A4	ASTM A36 STEEL
25	CT Bended Sheet - 2	1	ASS_CTBS2_237_A4	ASTM A36 STEEL
26	CT Bended Sheet - 3	1	ASS_CTBS3_238_A4	ASTM A36 STEEL
27	CT Bended Sheet - 4	1	ASS_CTBS4_239_A4	ASTM A36 STEEL
28	CT Bended Sheet - 5	1	ASS_CTBS5_240_A4	ASTM A36 STEEL
29	CT Bended Sheet - 6	1	ASS_CTBS6_241_A4	ASTM A36 STEEL


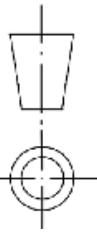


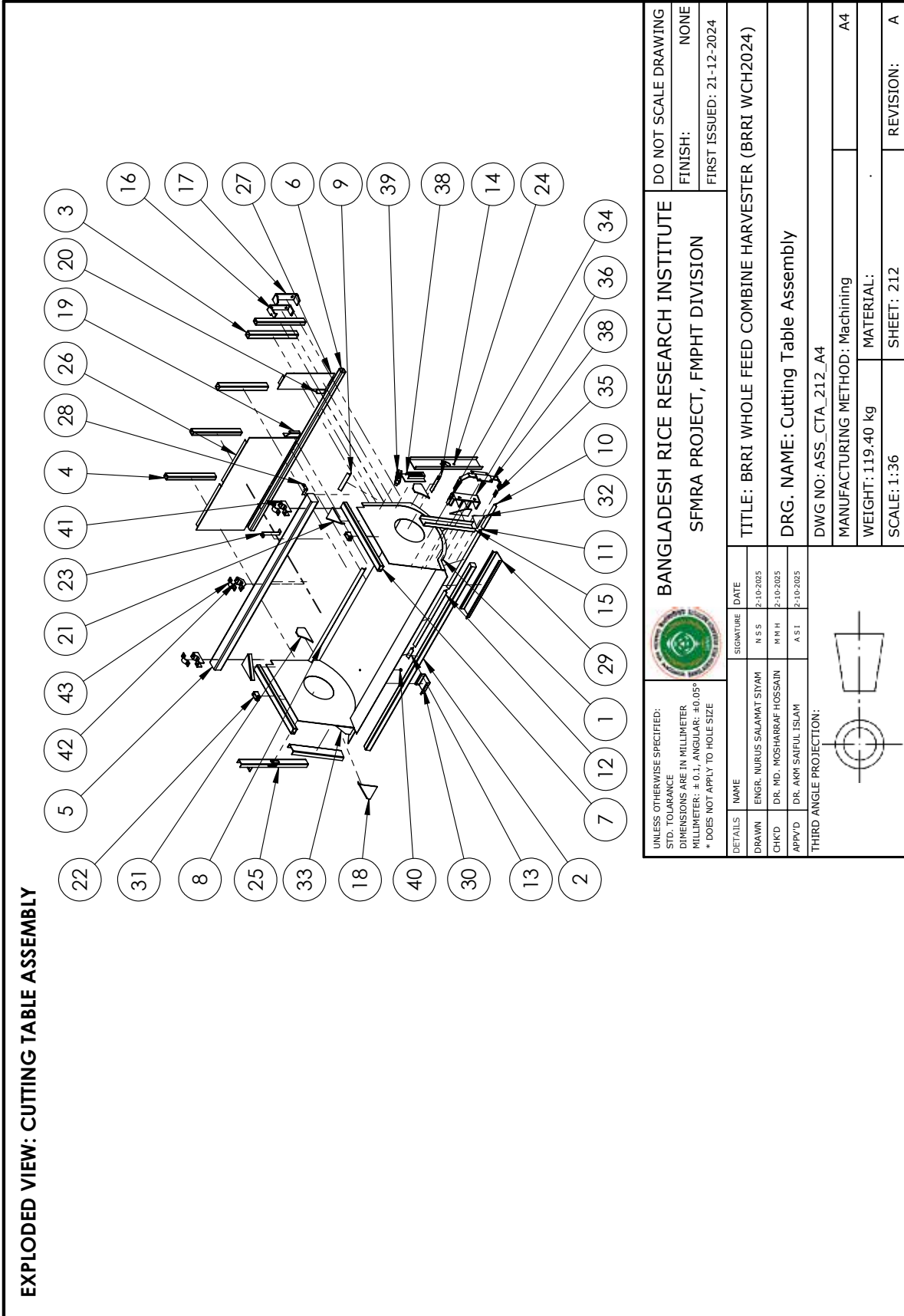
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE		BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING
				FINISH: NONE FIRST ISSUED: 21-12-2024
DETAILS DRAWN: ENGR. NURUS SALAMAT SIYAM CHK'D: DR. MD. MOSHARRAF HOSSAIN APP'VD: DR. AKM SAIFUL ISLAM		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024) DRG. NAME: Cutting Table Assembly DWG NO: ASS_CTA_210_A4		
THIRD ANGLE PROJECTION: 		MANUFACTURING METHOD: Machining WEIGHT: 119.40 kg SCALE: 1:20		A4
		MATERIAL: SHEET: 210		REVISION: A

BILL OF MATERIAL: CUTTING TABLE ASSEMBLY


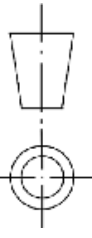
ITEM NO.	PART NAME	QTY.	PART NUMBER	MATERIAL
30	CT Bended Sheet - 7	1	ASS_CTBS7_242_A4	ASTM A36 STEEL
31	CT Support Plate - 1	2	ASS_CTSP1_243_A4	ASTM A36 STEEL
32	CT Support Plate - 2	2	ASS_CTSP2_244_A4	ASTM A36 STEEL
33	CT Support Plate - 3	2	ASS_CTSP3_245_A4	ASTM A36 STEEL
34	CT Support Plate - 4	1	ASS_CTSP4_246_A4	ASTM A36 STEEL
35	CT Support Plate - 5	1	ASS_CTSP5_247_A4	ASTM A36 STEEL
36	CT Attachment - 1	1	ASS_CTA1_248_A4	ASTM A36 STEEL
37	CT Attachment - 2	1	ASS_CTA2_249_A4	ASTM A36 STEEL
38	CT Box Attachment - 1	1	ASS_CTBA1_250_A4	ASTM A36 STEEL
39	CT Box Attachment - 2	1	ASS_CTBA2_251_A4	ASTM A36 STEEL
40	Nut 8mm	2		ASTM A36 STEEL
41	Reel Clamp Base - 1	2	ASS_RCB1_252_A4	ASTM A36 STEEL
42	Reel Clamp Base - 2	1	ASS_RCB2_253_A4	ASTM A36 STEEL
43	Reel Clamp	3	ASS_RC_254_A4	ASTM A36 STEEL

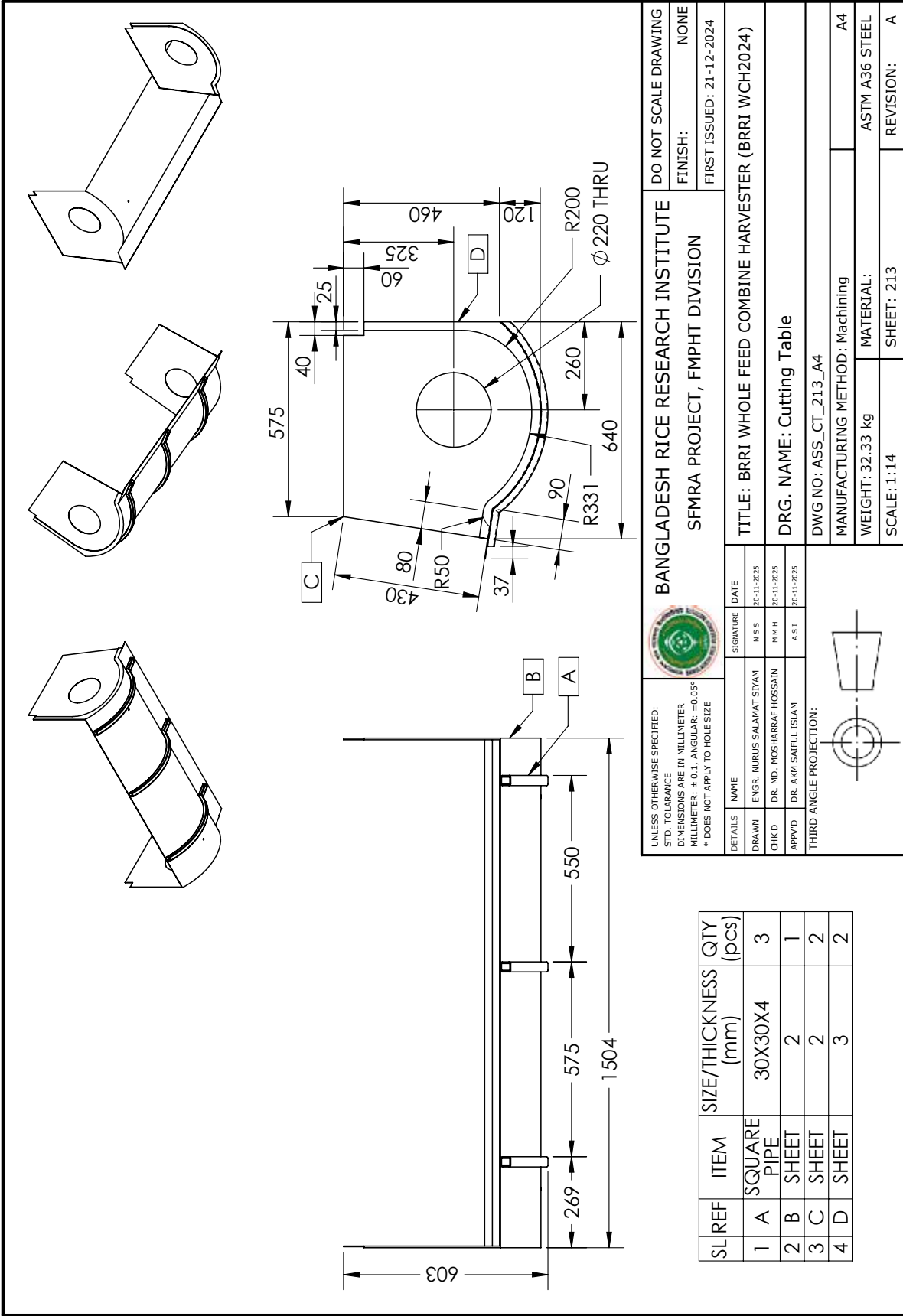


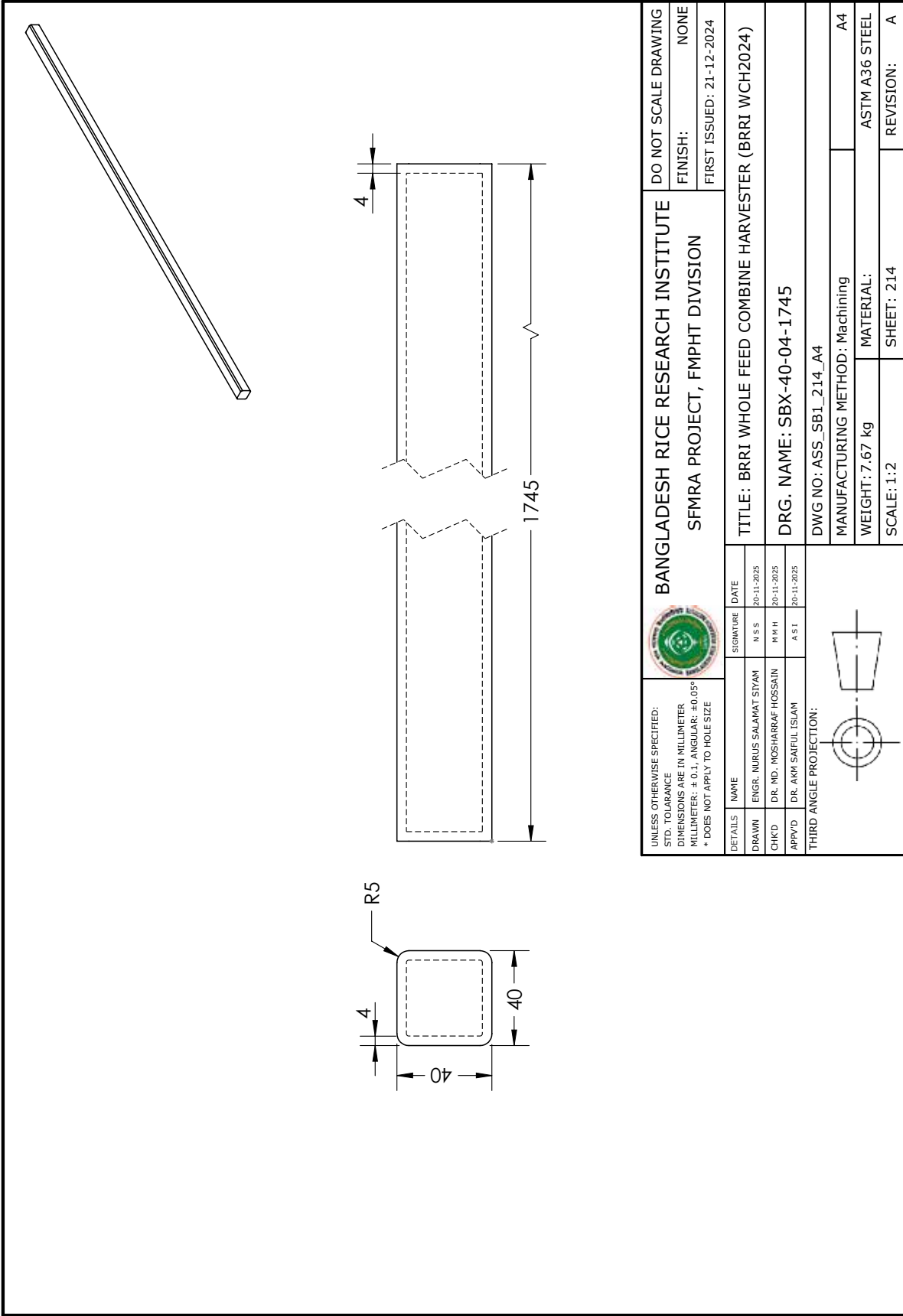
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS		NAME	SIGNATURE	DATE	TITLE: BRR I WHOLE FEED COMBINE HARVESTER (BRR I WCH2024)		
DRAWN	ENGR. NURUS SALAMAT SIYAM	N S S		2-10-2025	DRG. NAME: Cutting Table Assembly		
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H		2-10-2025	DWG NO: ASS_CTA_211_A4		
APP'VD	DR. AKM SAIFUL ISLAM	A S I		2-10-2025	MANUFACTURING METHOD: Machining		
THIRD ANGLE PROJECTION:							
WEIGHT: 119.40 kg		MATERIAL:		SCALE: 1:20			
SHEET: 1:20		SHEET: 211		REVISION: A			

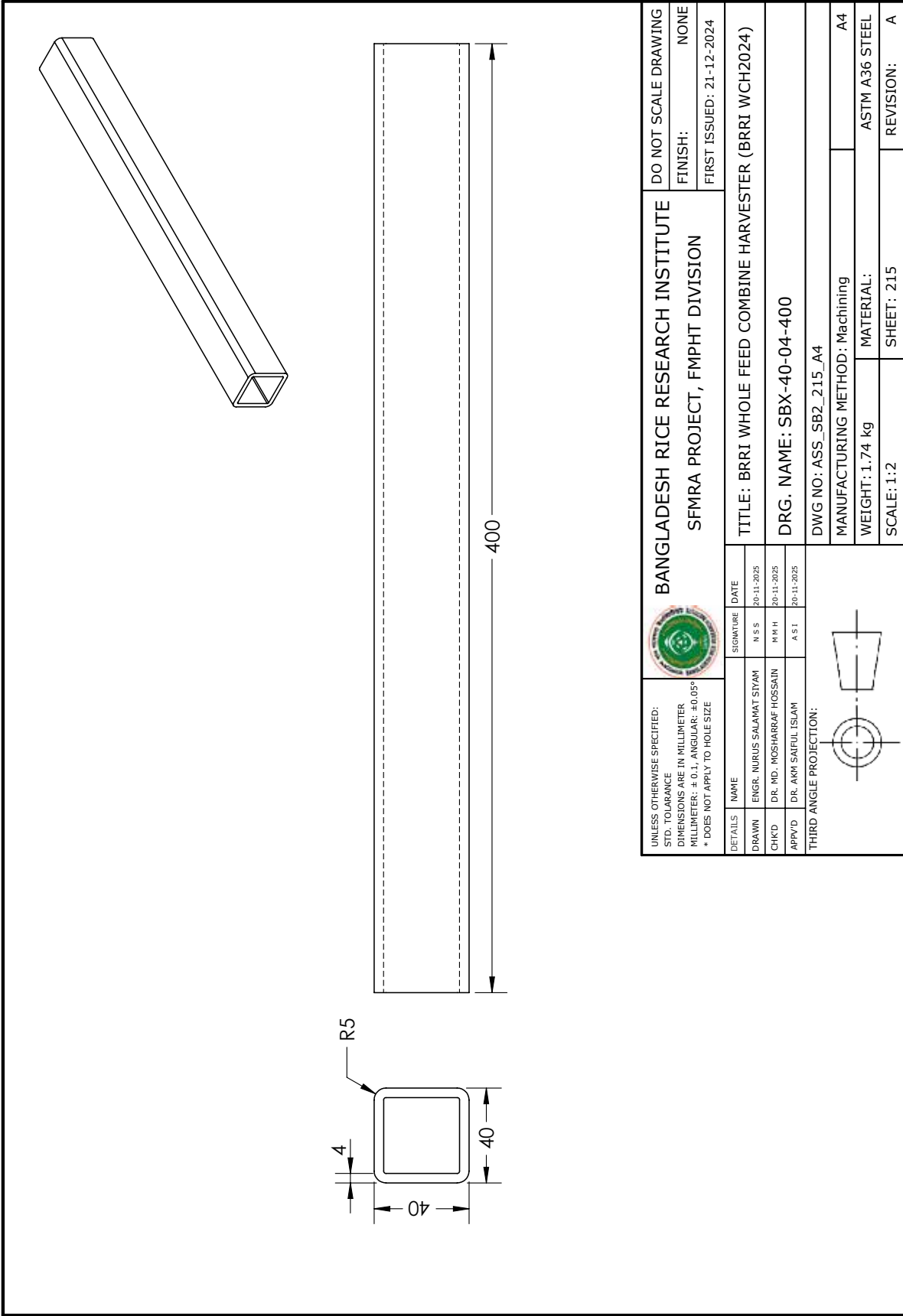



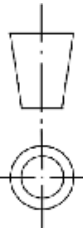
EXPLODED VIEW: CUTTING TABLE ASSEMBLY

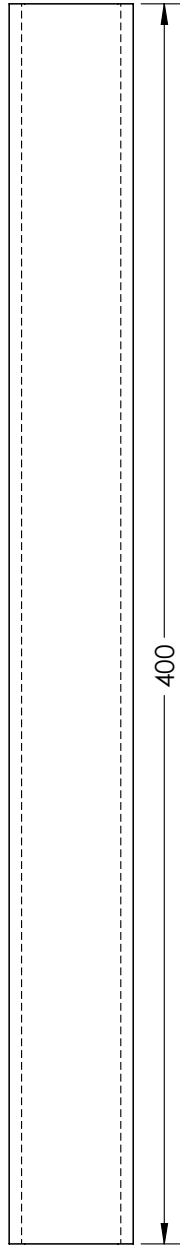
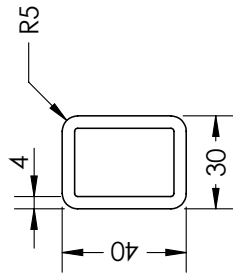
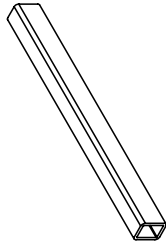
<p>UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE</p>				<p>BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION</p>		<p>DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024</p>	
<p>DETAILS</p>		<p>SIGNATURE</p>		<p>DATE</p>		<p>TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)</p>	
<p>DRAWN ENGR. NURUS SALAMAT SIYAM</p>		<p>N S S</p>		<p>2-10-2025</p>		<p>DRG. NAME: Cutting Table Assembly</p>	
<p>CHK'D DR. MD. MOSHARRAF HOSSAIN</p>		<p>M R H</p>		<p>2-10-2025</p>		<p>DWG NO: ASS_CTA_212_A4</p>	
<p>APP'VD DR. AKM SAIFUL ISLAM</p>		<p>A S I</p>		<p>2-10-2025</p>		<p>MANUFACTURING METHOD: Machining</p>	
<p>THIRD ANGLE PROJECTION:</p> 						<p>WEIGHT: 119.40 kg</p>	
						<p>MATERIAL:</p>	
						<p>SCALE: 1:36</p>	
						<p>SHEET: 212</p>	
						<p>REVISION: A</p>	


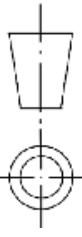


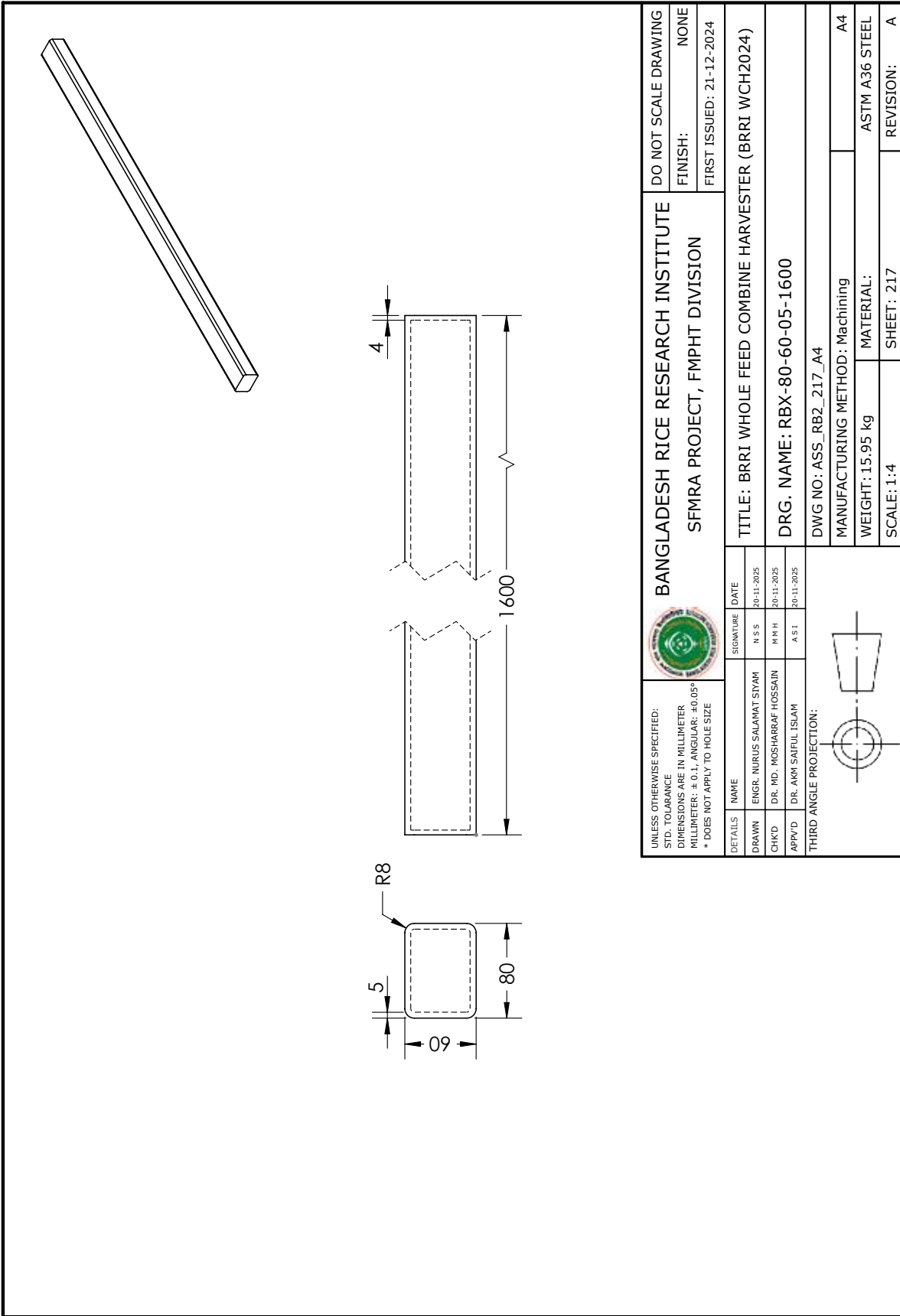


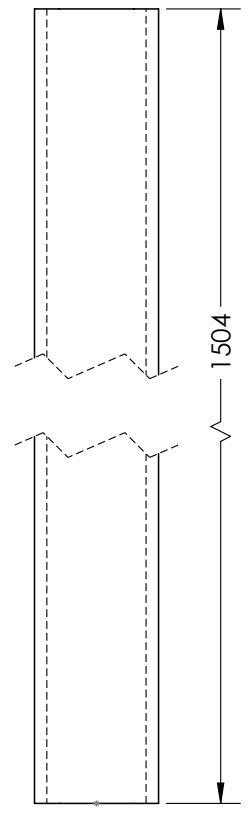
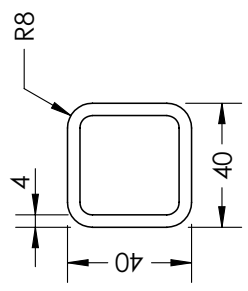
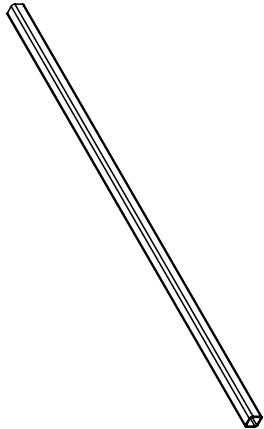



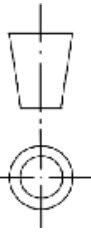
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS NAME SIGNATURE DATE DRAWN ENGR. NURUS SALAMAT SIYAM N S S 20-11-2025 CHK'D DR. MD. MOSHARRAF HOSSAIN M H H 20-11-2025 APP'VD DR. AKM SAIFUL ISLAM A S I 20-11-2025		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)		DRG. NAME: SBX-40-04-400		DWG NO: ASS_SB2_215_A4	
THIRD ANGLE PROJECTION:				MANUFACTURING METHOD: Machining		MATERIAL: ASTM A36 STEEL	
				WEIGHT: 1.74 kg		SCALE: 1:2	
				SHEET: 215		REVISION: A	

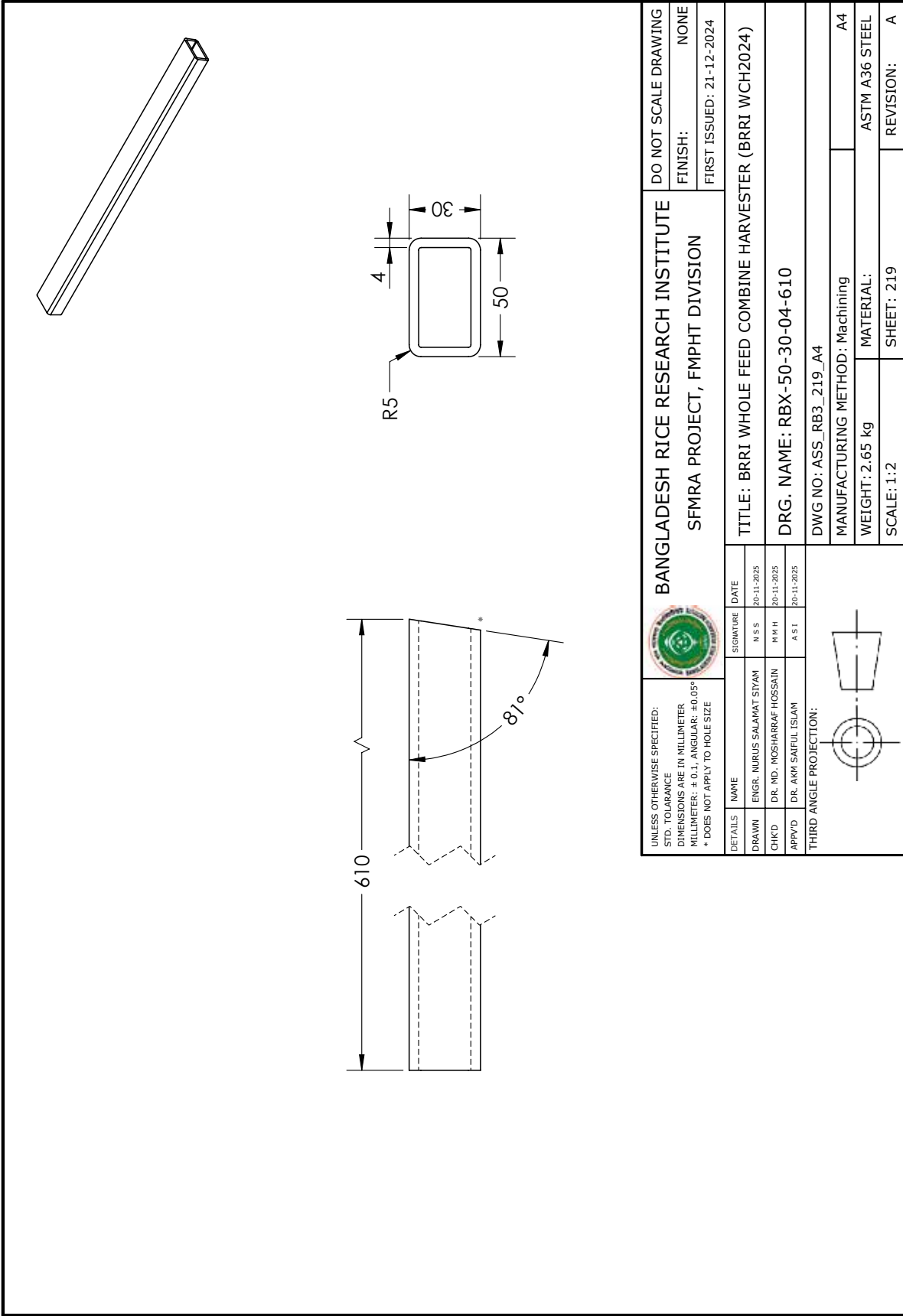


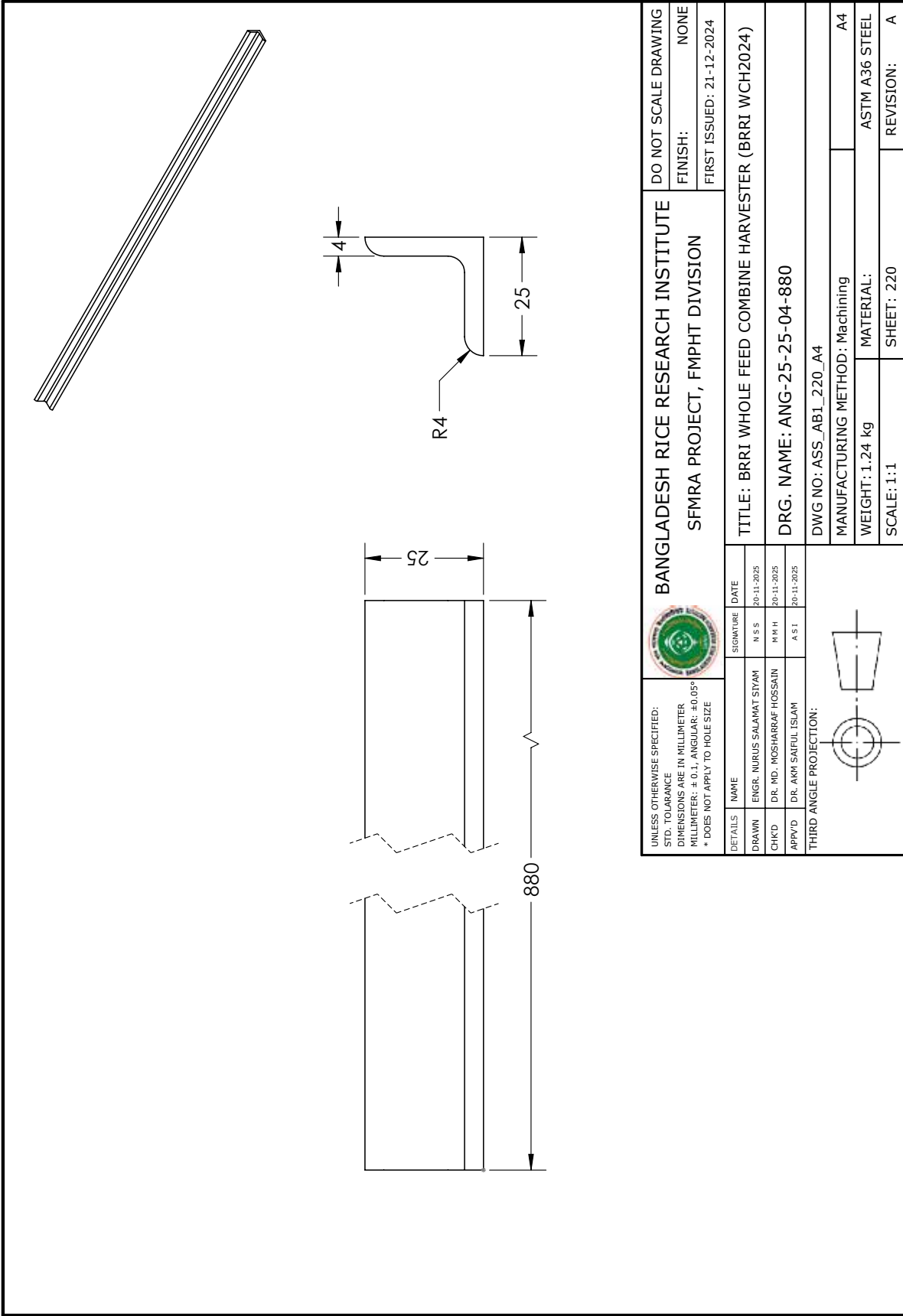
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1 ; ANGULAR: $\pm 0.05^\circ$ * DOES NOT APPLY TO HOLE SIZE			BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING
			FINISH: NONE FIRST ISSUED: 21-12-2024		
DETAILS NAME SIGNATURE DATE DRAWN ENGR. NURUS SALAMAT SIYAM N S S 20-11-2025 CHK'D DR. MD. MOSHARRAF HOSSAIN M H H 20-11-2025 APP'VD DR. AKM SAIFUL ISLAM A S I 20-11-2025	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)		DRG. NAME: RBX-40-30-04-400		
DWG NO.: ASS_RB1_216_A4			MANUFACTURING METHOD: Machining		
THIRD ANGLE PROJECTION: 			WEIGHT: 1.49 kg		
SCALE: 1:2			MATERIAL: ASTM A36 STEEL		
SHEET: 216			REVISION: A		


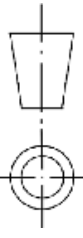


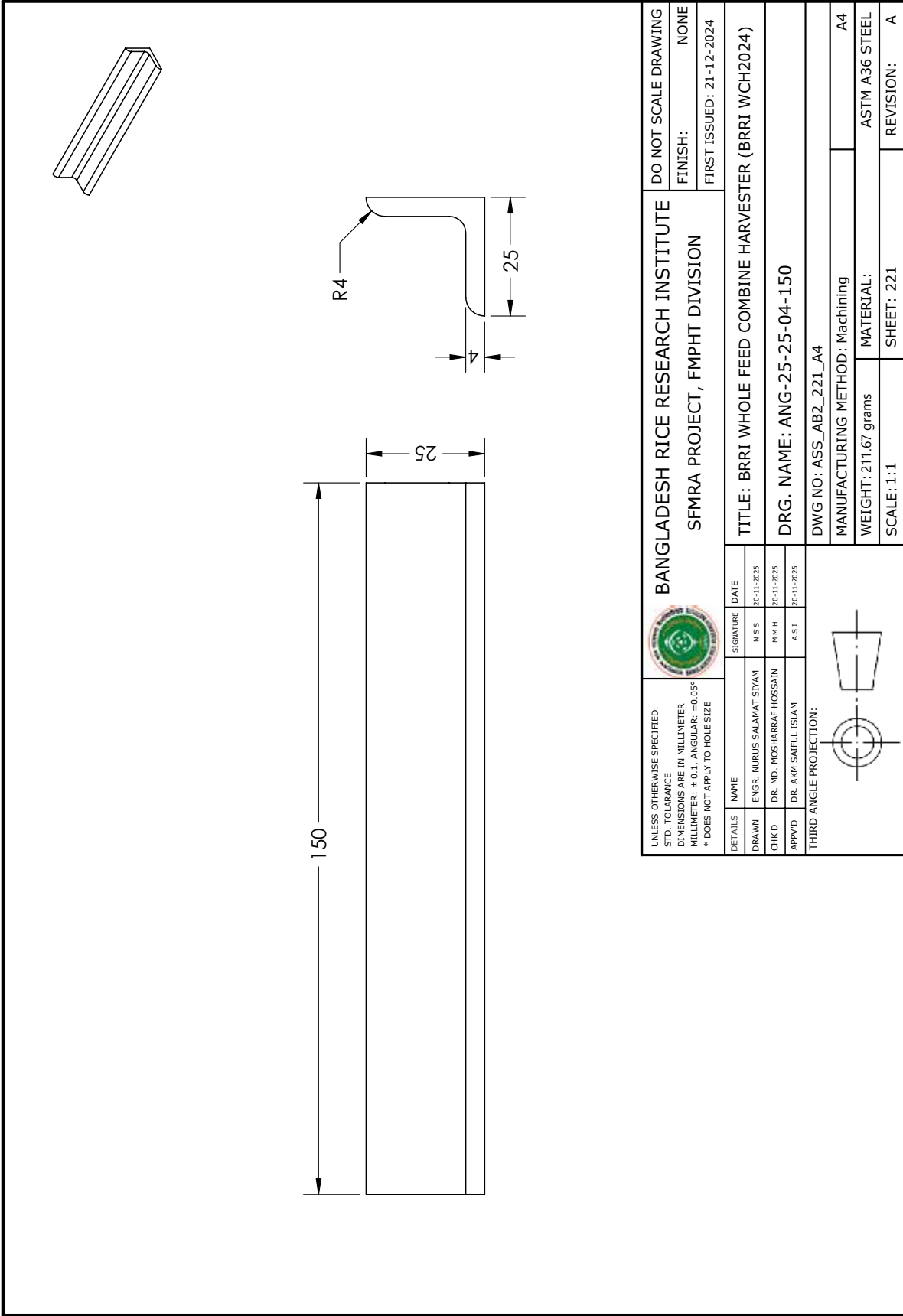


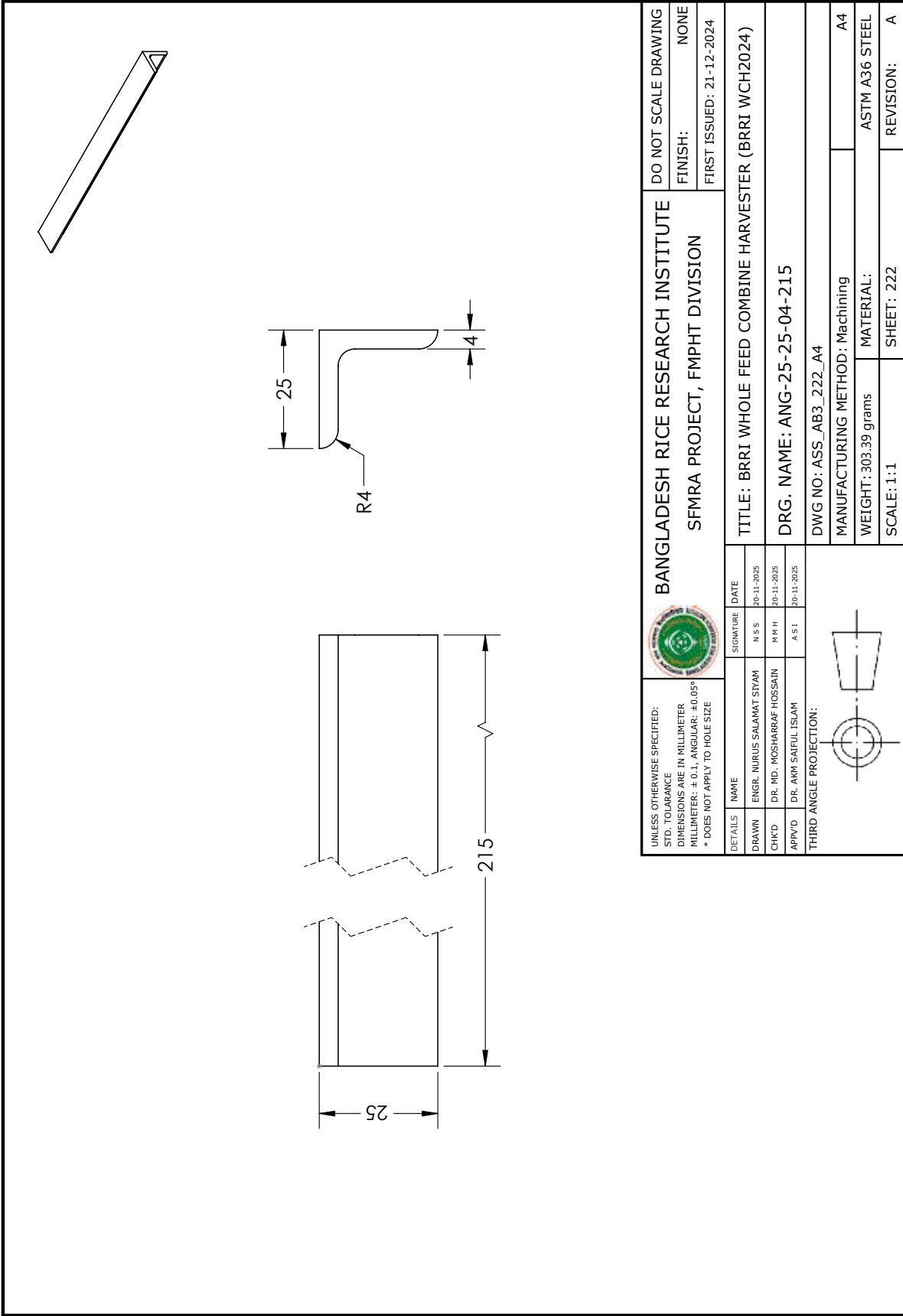
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRFI WHOLE FEED COMBINE HARVESTER (BRRI WCH2024)			
DRAWN	ENGR. NURUS SALAMAT SIYAM	N S S	20-11-2025	DRG. NAME: SBX-40-04-1504			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M H H	20-11-2025	DWG NO.: ASS_SB3_218_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:							
				WEIGHT: 6.314 kg		MATERIAL: ASTM A36 STEEL	
				SCALE: 1:2		SHEET: 218	
						REVISION: A	


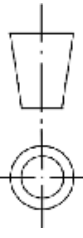


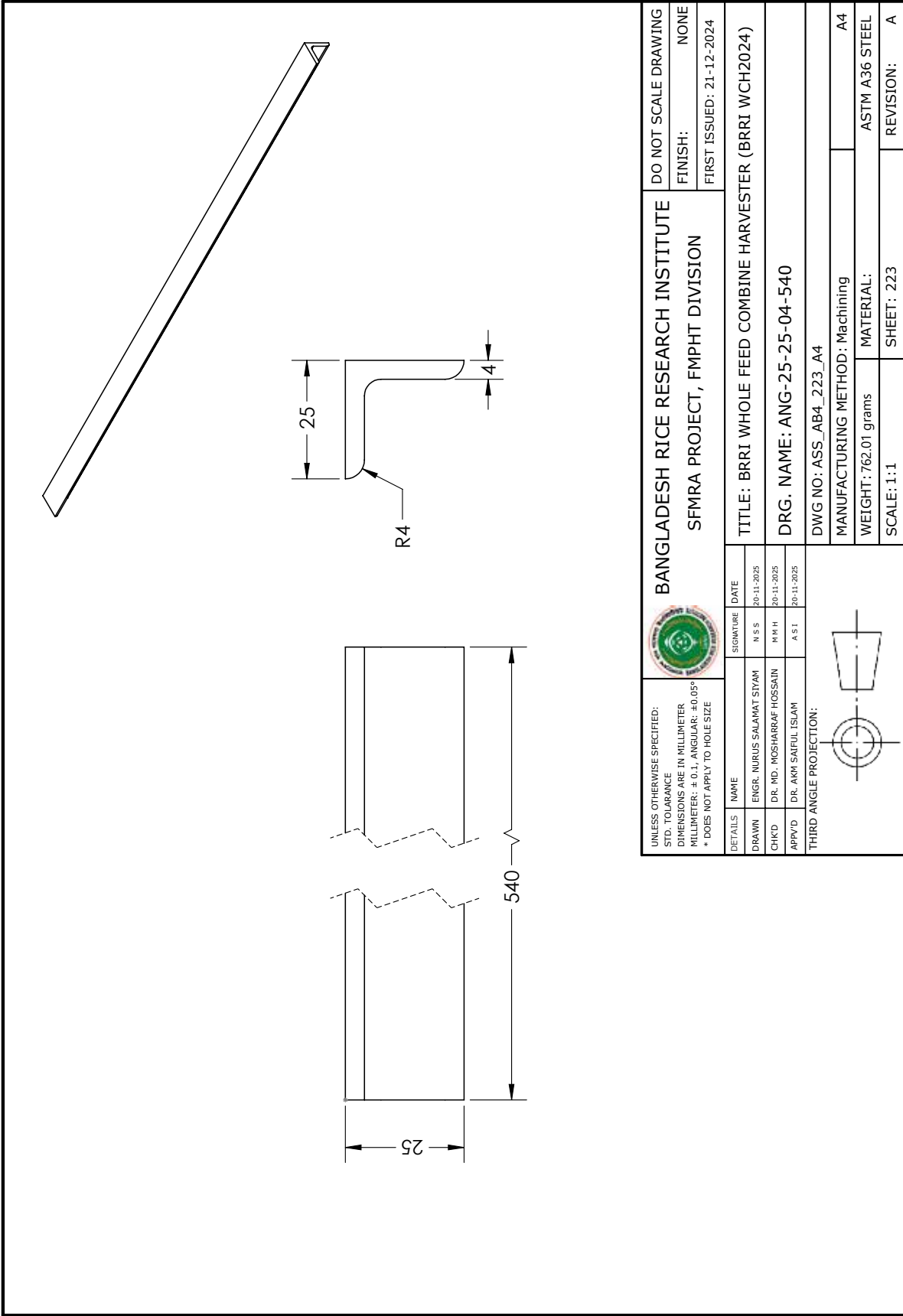



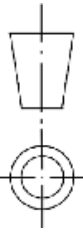
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRR I WHOLE FEED COMBINE HARVESTER (BRR I WCH2024)			
DRAWN	ENGR. NURUS SALAMAT SIYAM	N S S	20-11-2025	DRG. NAME: ANG-25-25-04-880			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M H H	20-11-2025	DWG NO.: ASS_AB1_220_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:				WEIGHT: 1.24 kg			
				MATERIAL: ASTM A36 STEEL			
				SCALE: 1:1			
				SHEET: 220			
				REVISION: A			

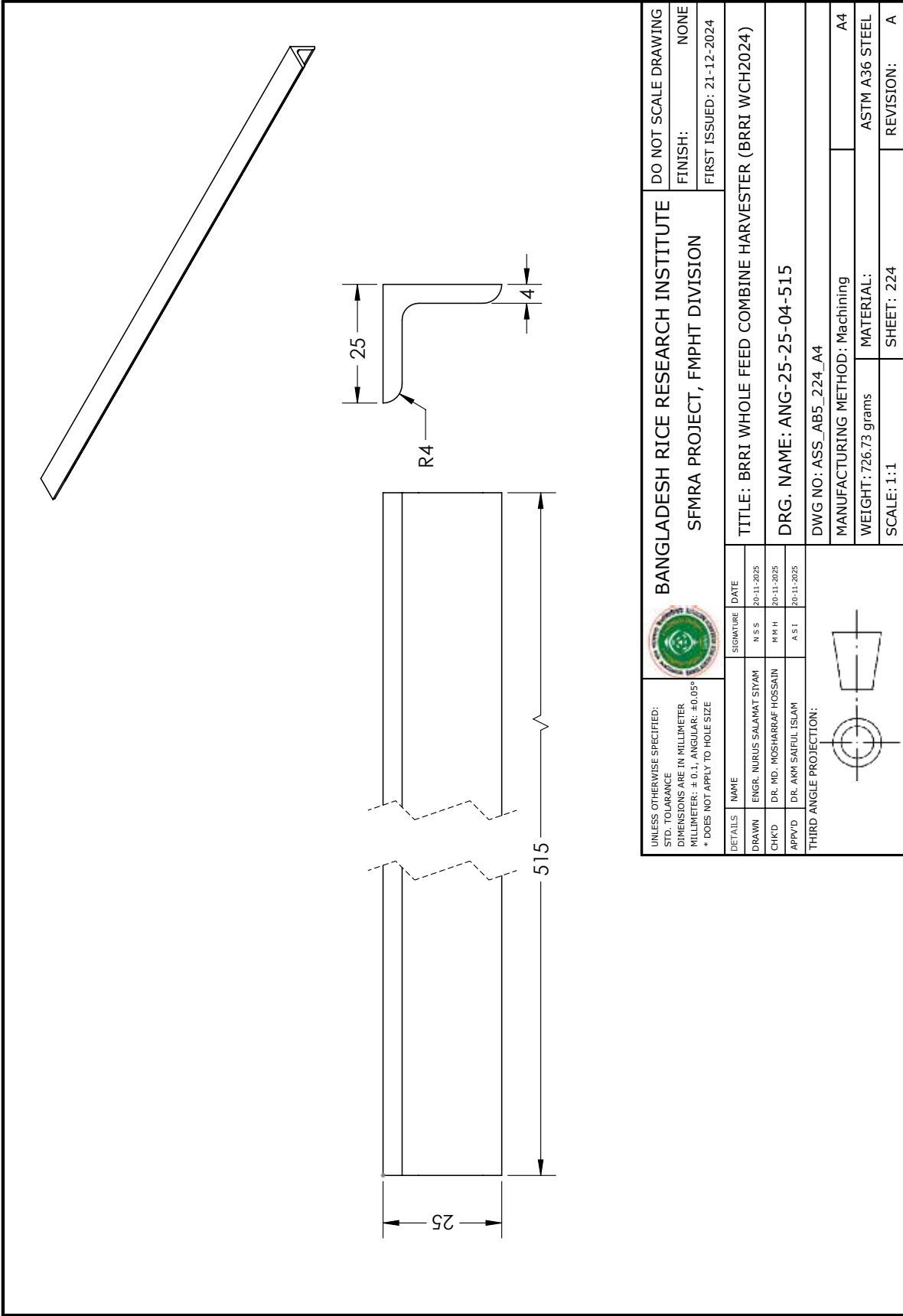



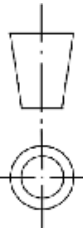


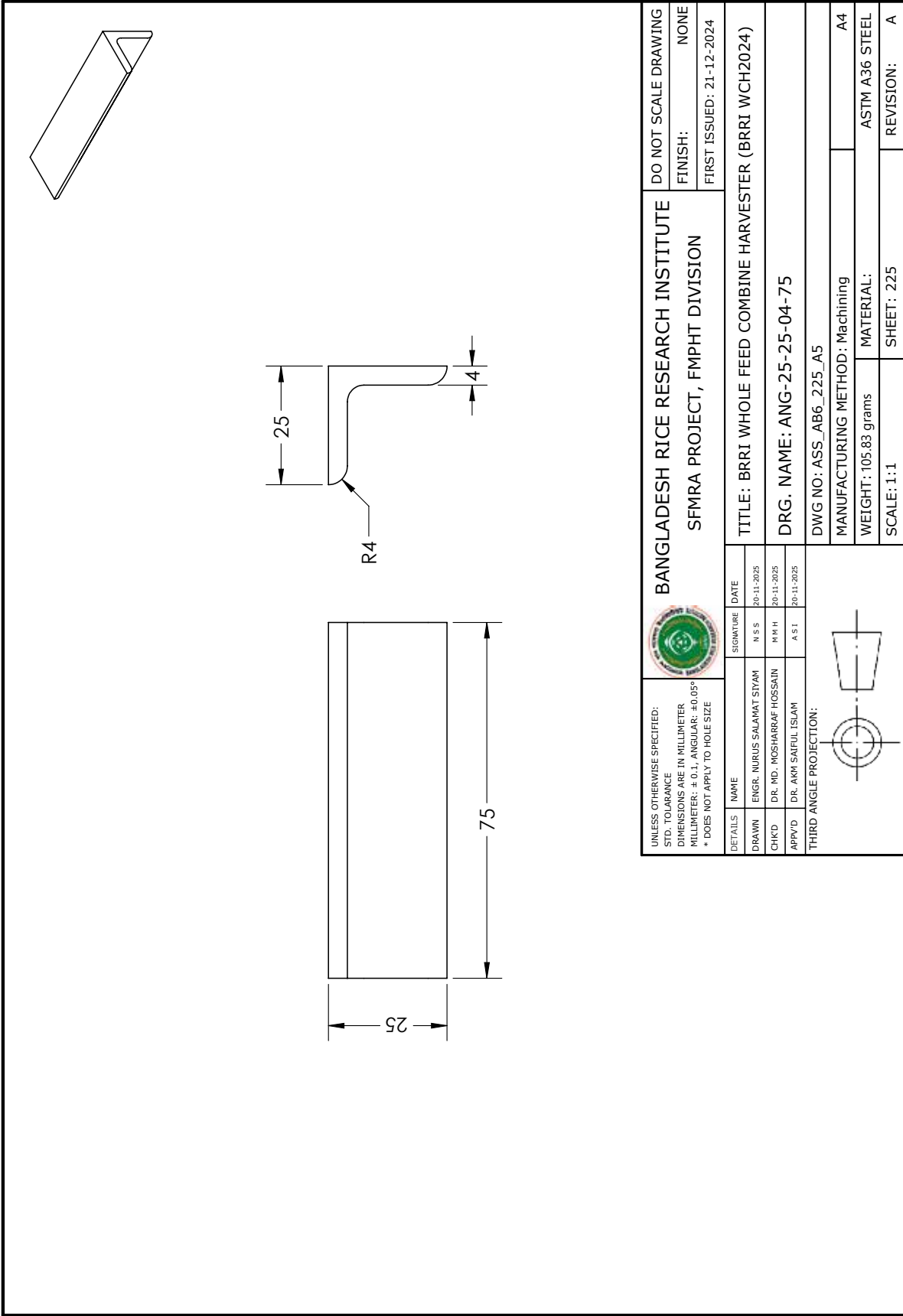
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. NURUS SALAMAT SIYAM	N S S	20-11-2025	DRG. NAME: ANG-25-25-04-215			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M H H	20-11-2025	DWG NO: ASS_AB3_222_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:				WEIGHT: 303.39 grams			
				MATERIAL: ASTM A36 STEEL			
				SCALE: 1:1			
				SHEET: 222			
				REVISION: A			

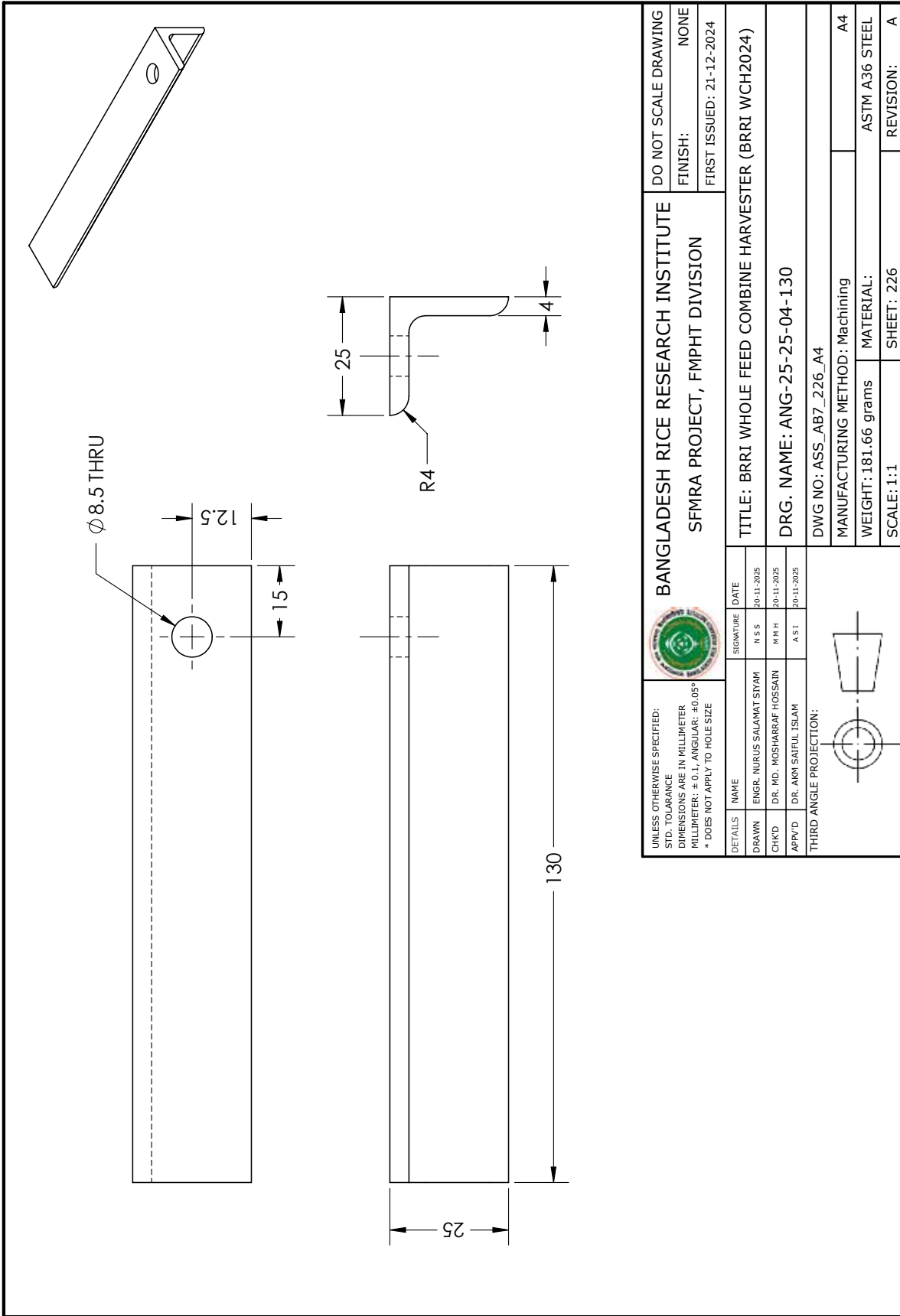


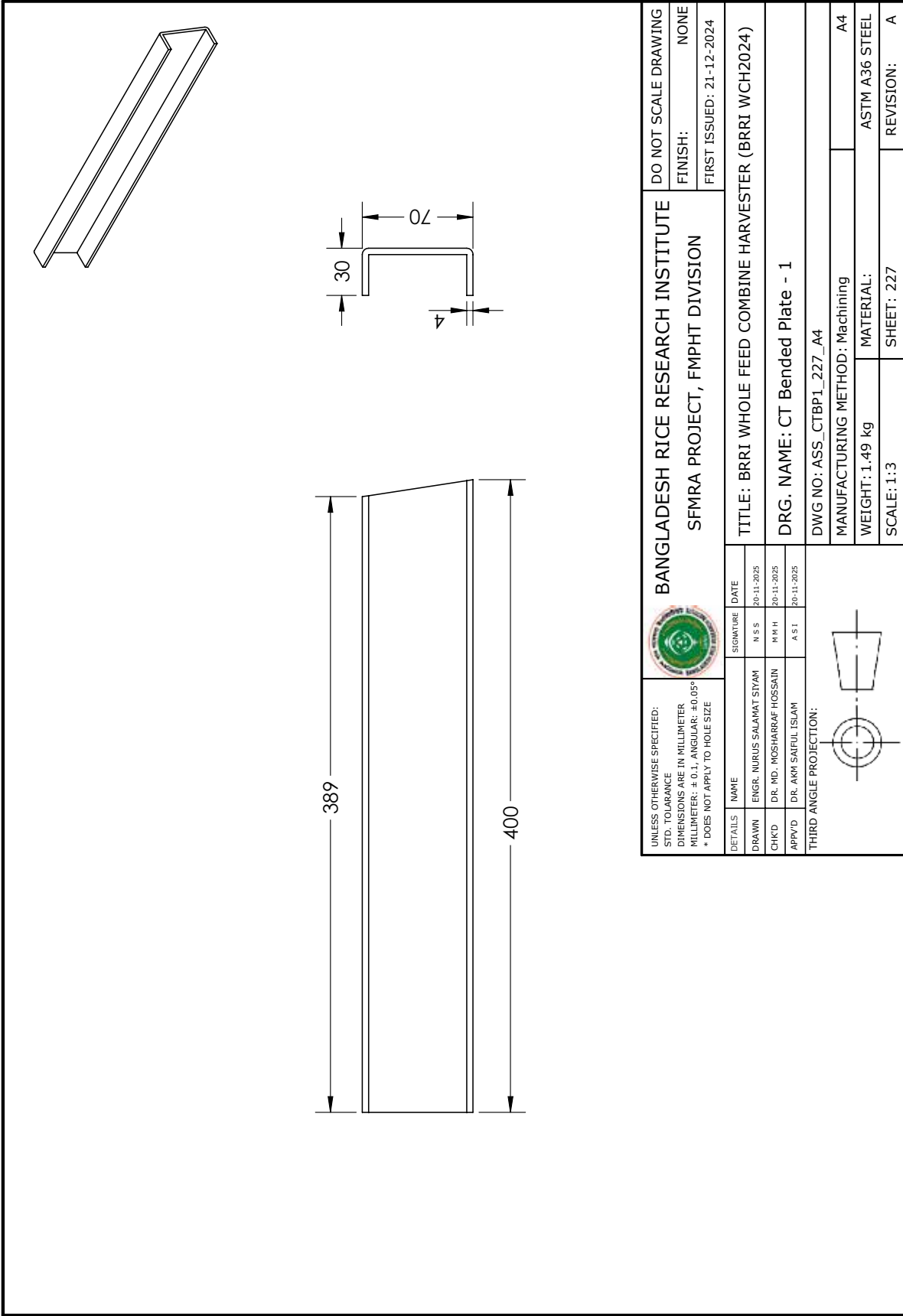
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE			BANGLADESH RICE RESEARCH INSTITUTE		DO NOT SCALE DRAWING	
			SFMRA PROJECT, FMPHT DIVISION		FINISH: NONE	FIRST ISSUED: 21-12-2024
DETAILS			SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)	
DRAWN	ENGR. NURUS SALAMAT SIYAM	N S S	20-11-2025	DRG. NAME: ANG-25-25-04-540		
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M H H	20-11-2025	DWG NO.: ASS_AB4_223_A4		
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining		
THIRD ANGLE PROJECTION:					WEIGHT: 762.01 grams	
					SCALE: 1:1	
					MATERIAL: ASTM A36 STEEL	
					SHEET: 1:1	
					REVISION: A	

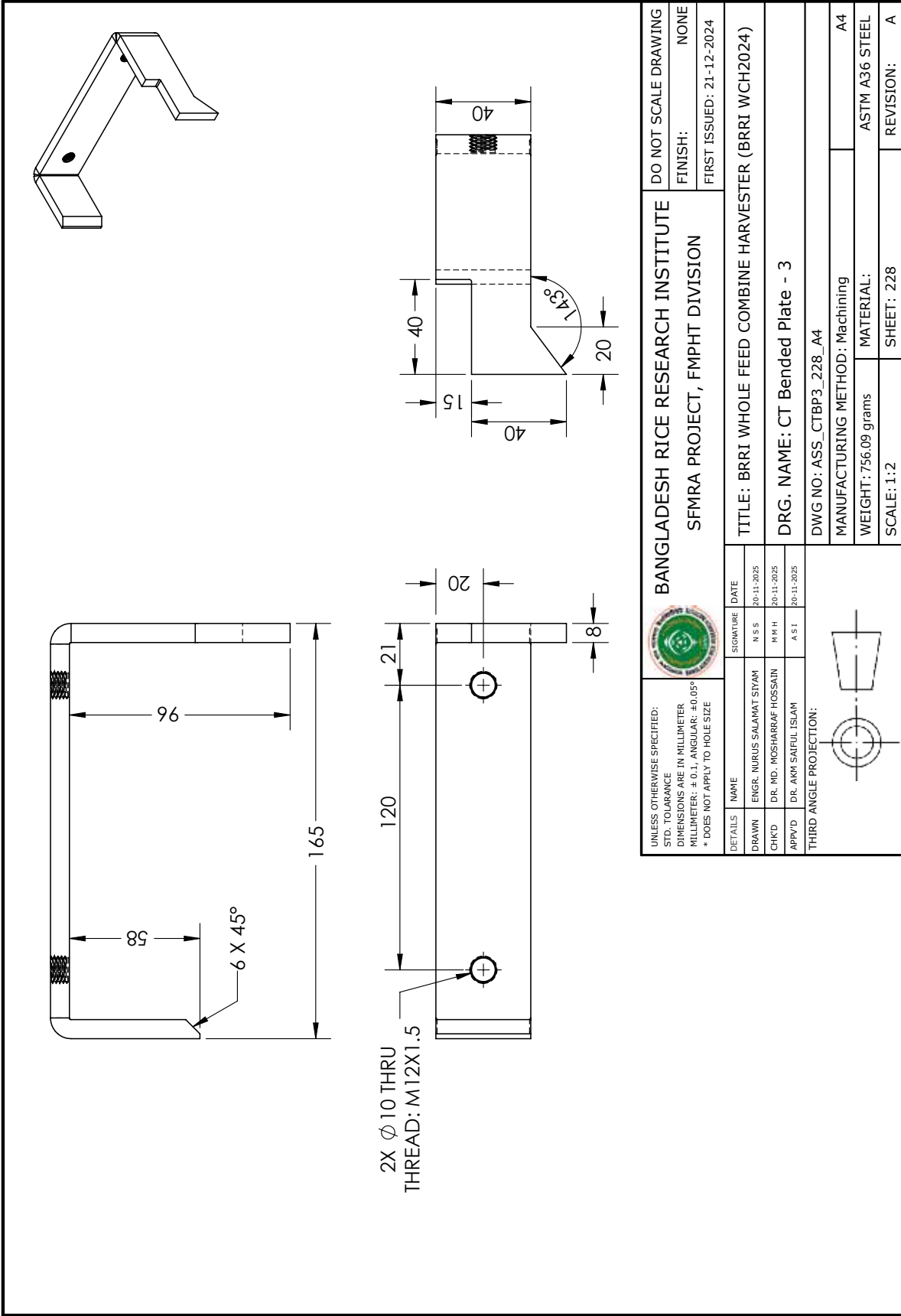


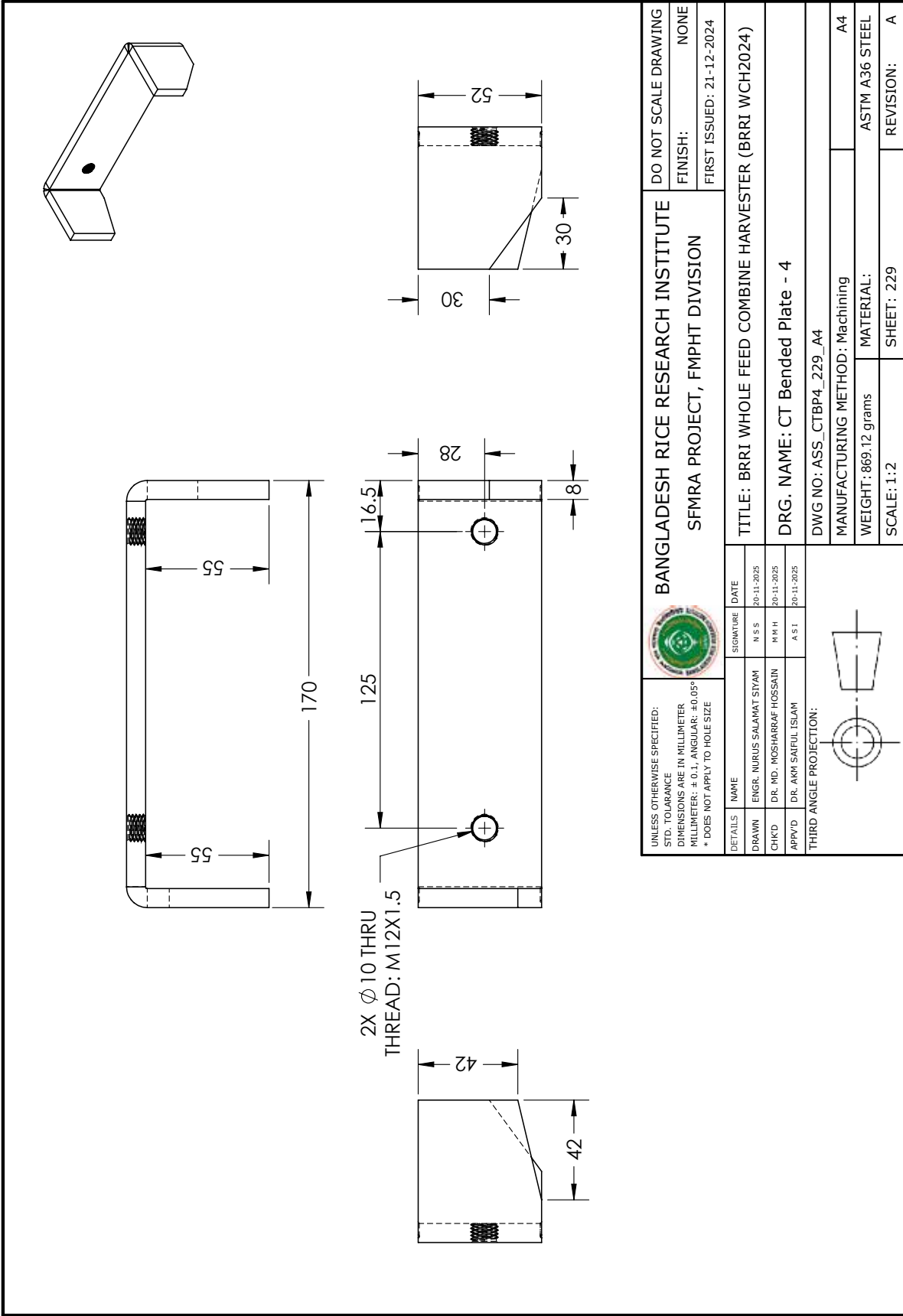
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS NAME ENGR. NURUS SALAMAT SIYAM CHKD DR. MD. MOSHARRAF HOSSAIN APPVD DR. AKM SAIFUL ISLAM		SIGNATURE N S S M H H A S I		DATE 20-11-2025 20-11-2025 20-11-2025		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024) DRG. NAME: ANG-25-25-04-515 DWG NO.: ASS_AB5_224_A4	
THIRD ANGLE PROJECTION:				MANUFACTURING METHOD: Machining WEIGHT: 726.73 grams SCALE: 1:1		MATERIAL: ASTM A36 STEEL SHEET: 224 REVISION: A	

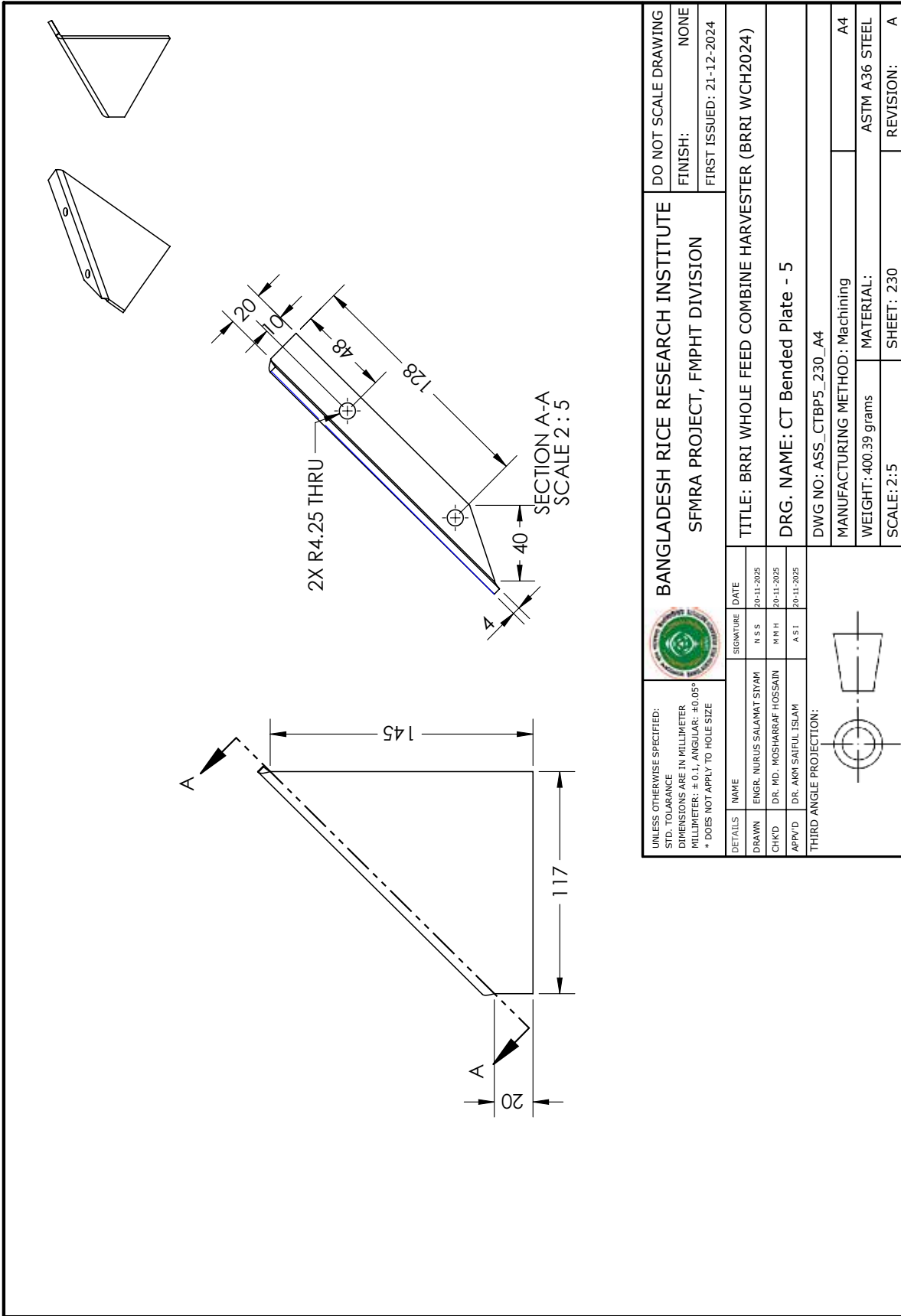


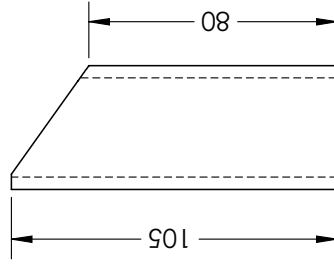
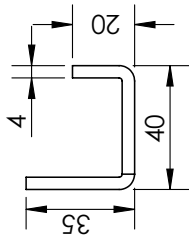
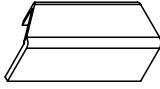



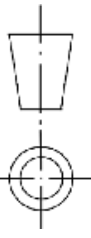


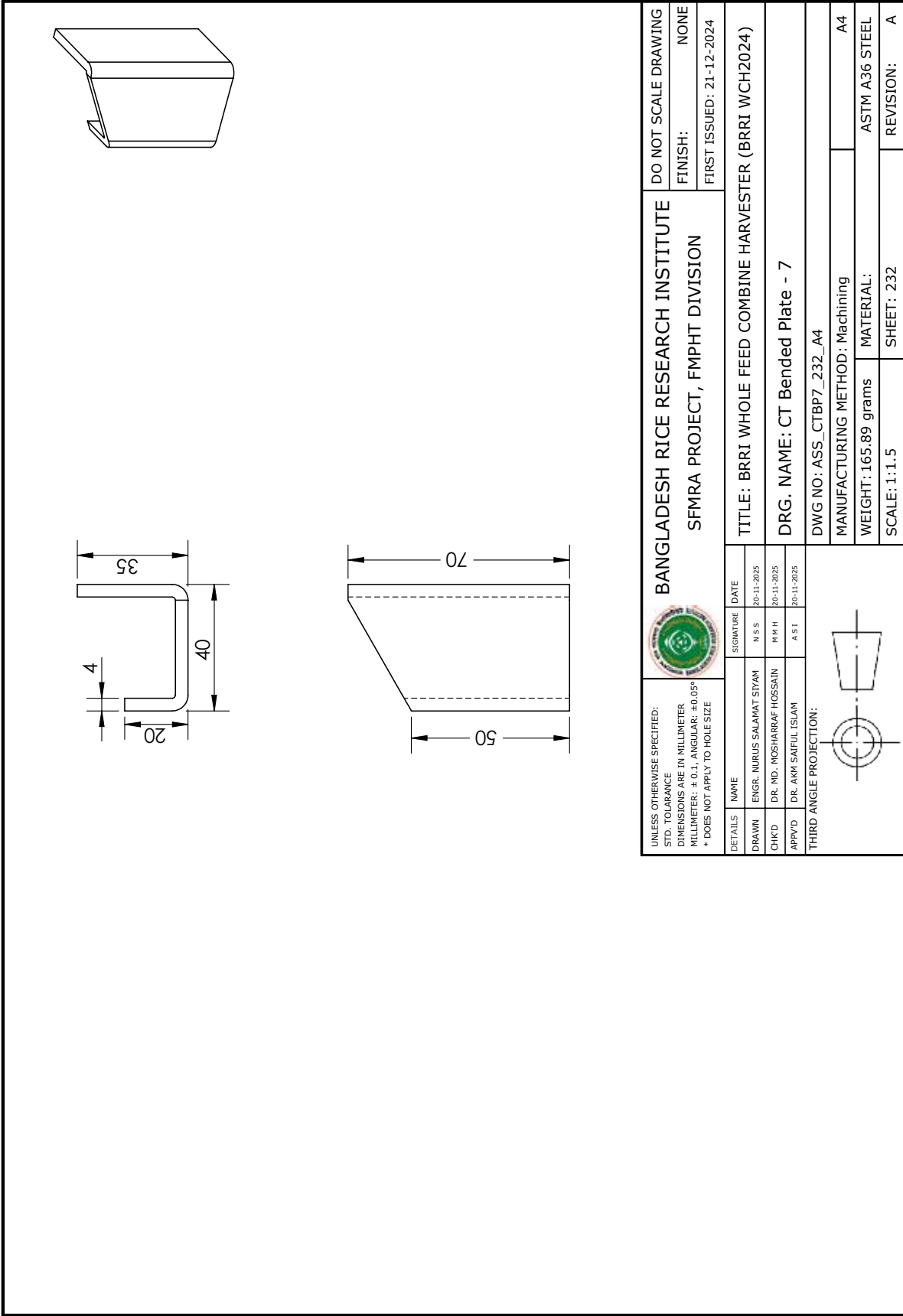


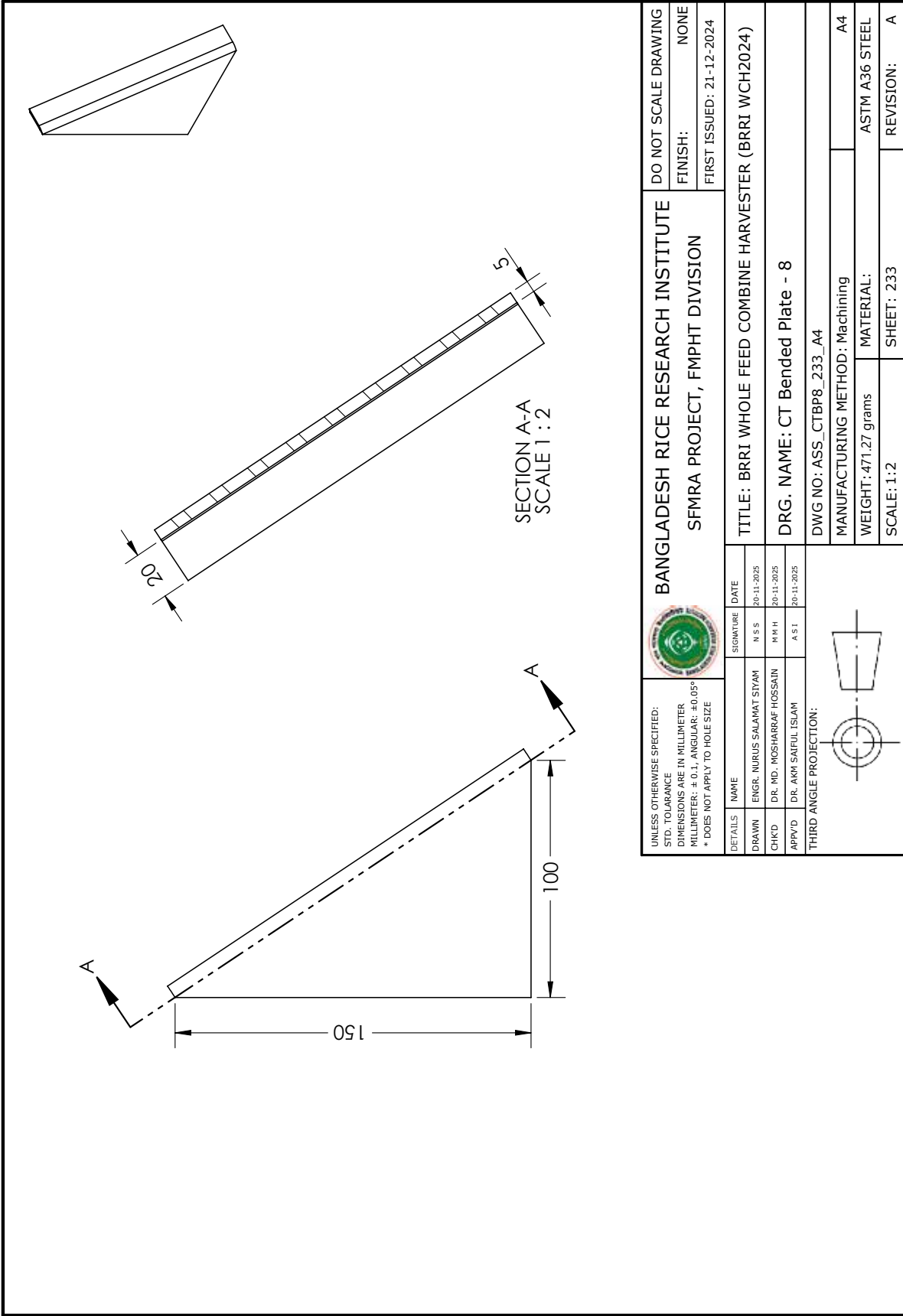


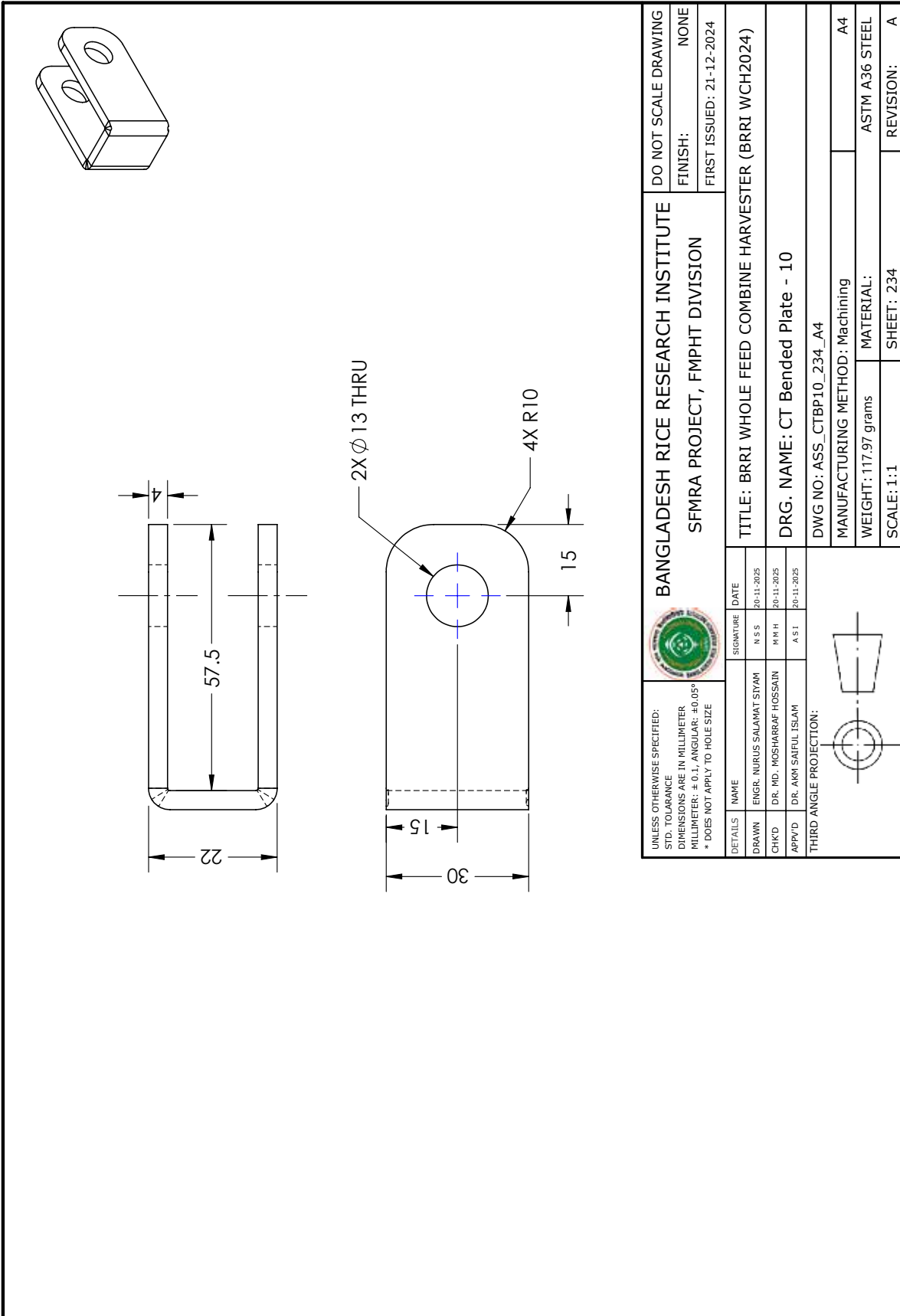


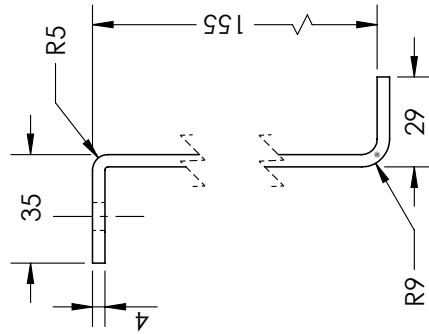
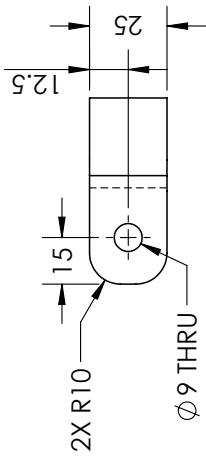
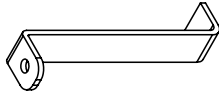



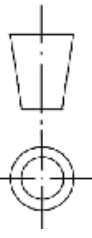
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1 ; ANGULAR: $\pm 0.05^\circ$ * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS NAME ENGR. NURUS SALAMAT SIYAM CHKD DR. MD. MOSHARRAF HOSSAIN APPVD DR. AKM SAIFUL ISLAM		SIGNATURE N S S M R H A S I		DATE 20-11-2025 20-11-2025 20-11-2025		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024) DRG. NAME: CT Bended Plate - 6 DWG NO.: ASS_CTBp6_231_A4	
THIRD ANGLE PROJECTION:				MANUFACTURING METHOD: Machining WEIGHT: 253.75 grams SCALE: 1:2		MATERIAL: ASTM A36 STEEL SHEET: 231 REVISION: A	

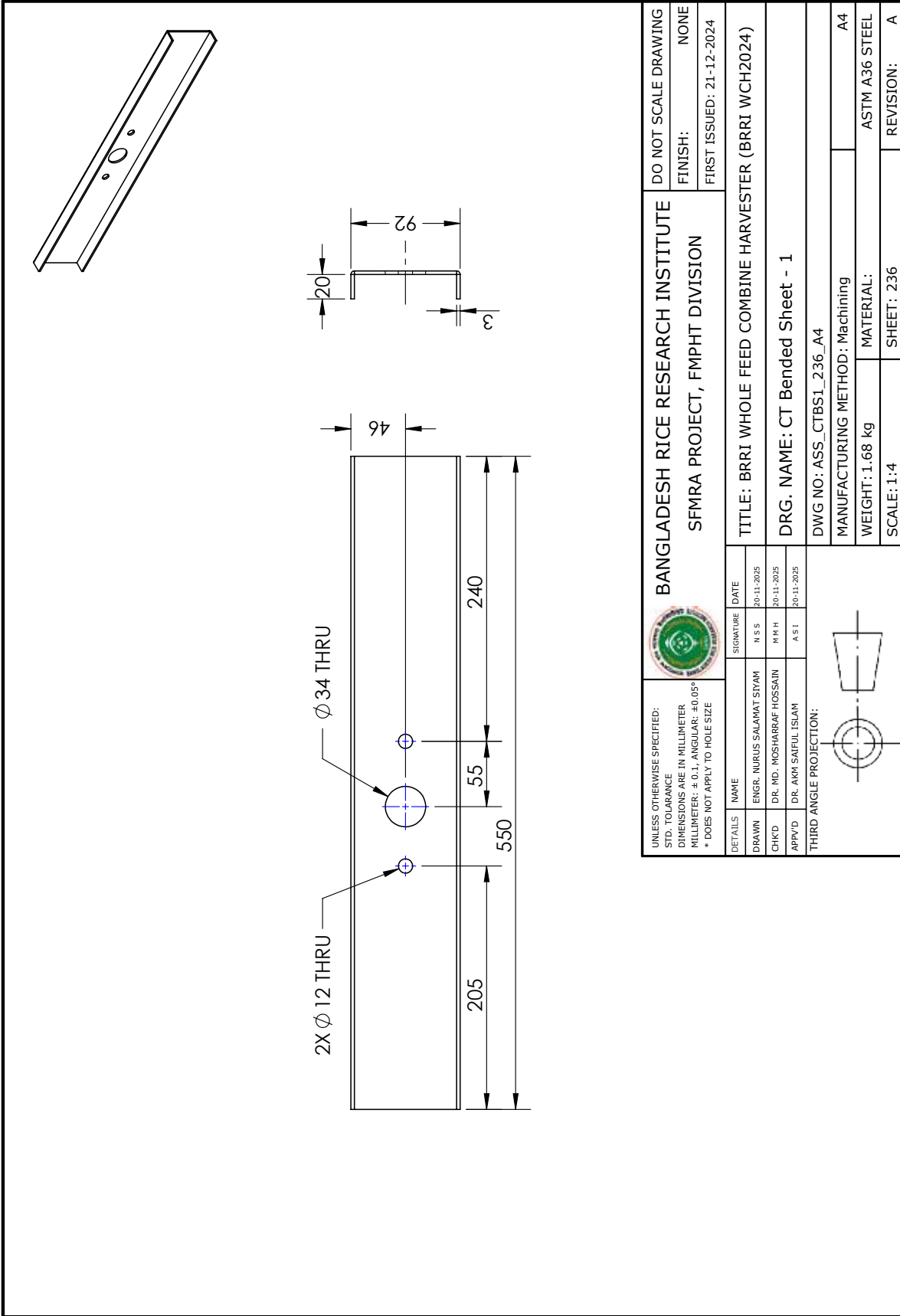



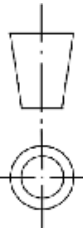


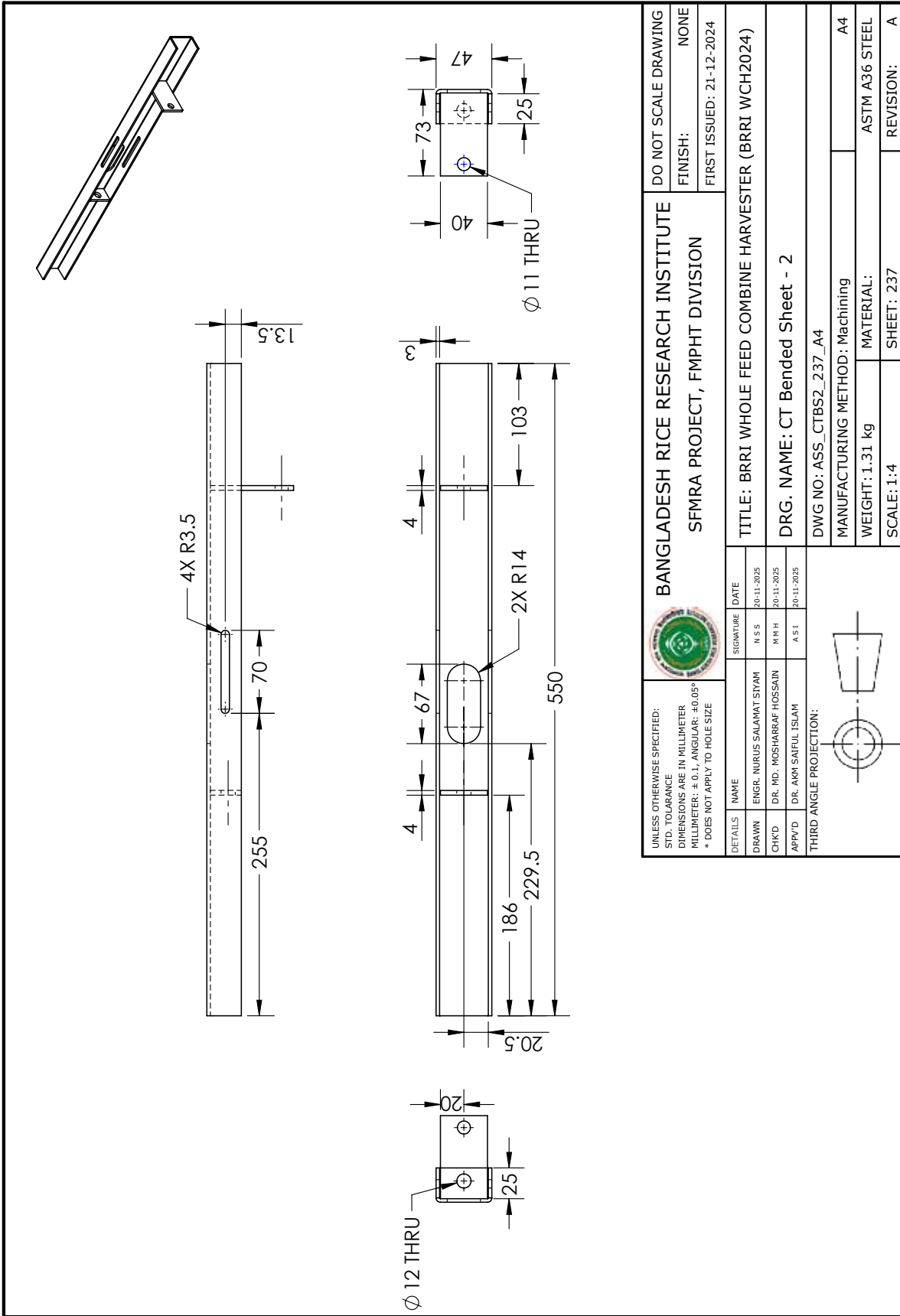


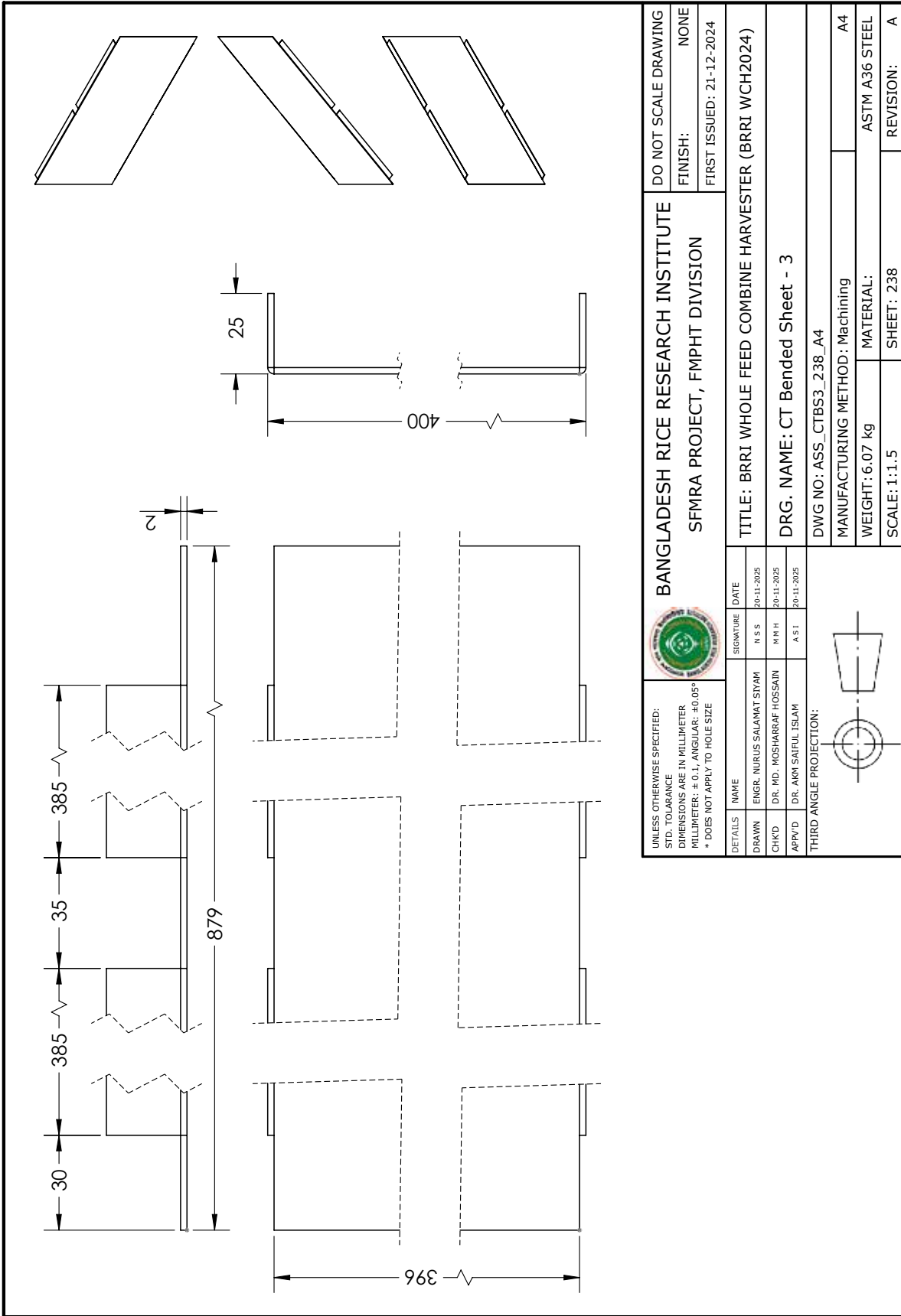


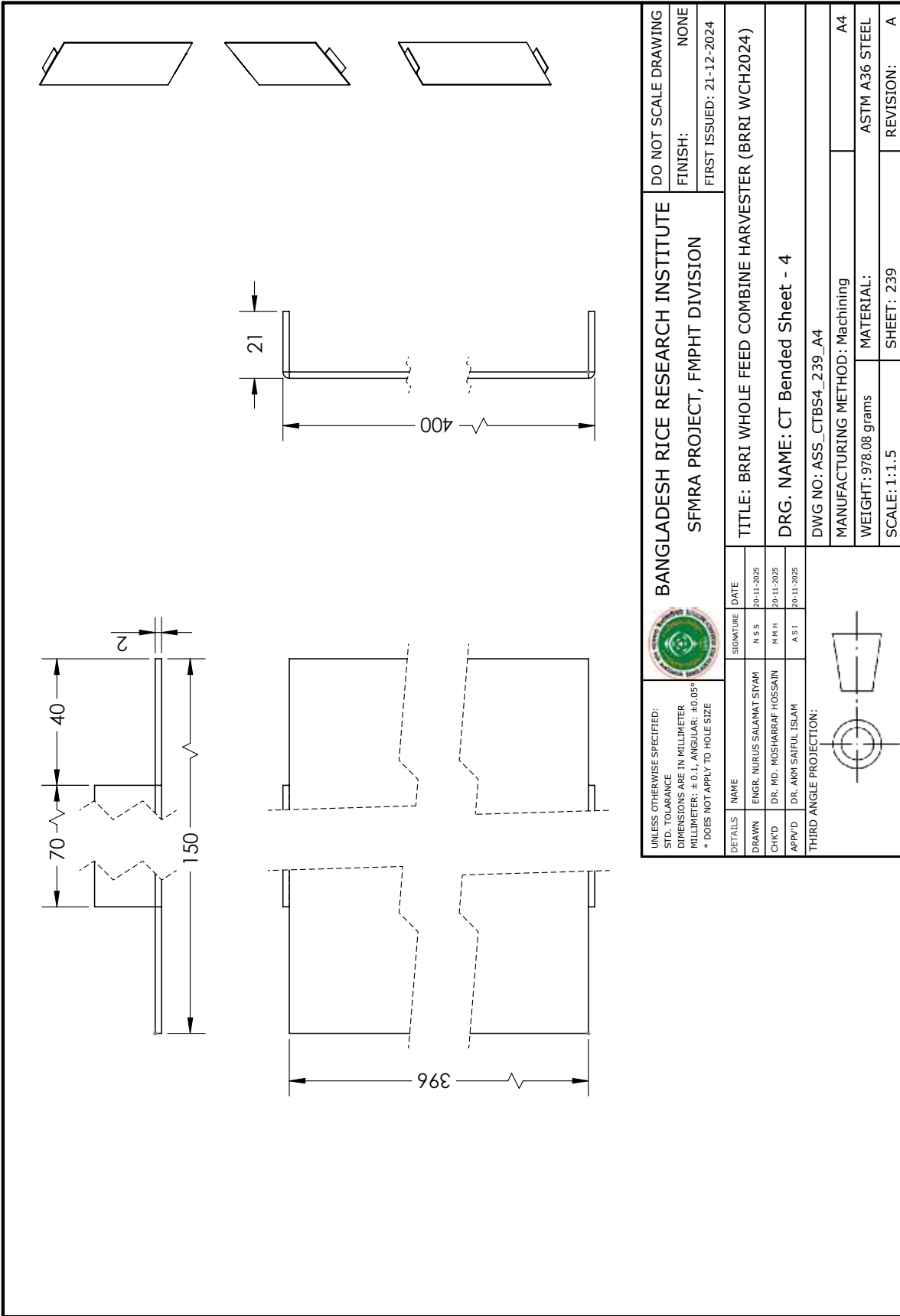
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS NAME ENGR. NURUS SALAMAT SIYAM CHKD DR. MD. MOSHARRAF HOSSAIN APPVD DR. AKM SAIFUL ISLAM		SIGNATURE N S S M H H A S I		DATE 20-11-2025 20-11-2025 20-11-2025		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024) DRG. NAME: CT Bended Plate - 1.1 DWG NO.: ASS_CTBP11_235_A4	
THIRD ANGLE PROJECTION:				MANUFACTURING METHOD: Machining WEIGHT: 162.06 grams SCALE: 1:2		MATERIAL: ASTM A36 STEEL SHEET: 235 REVISION: A	

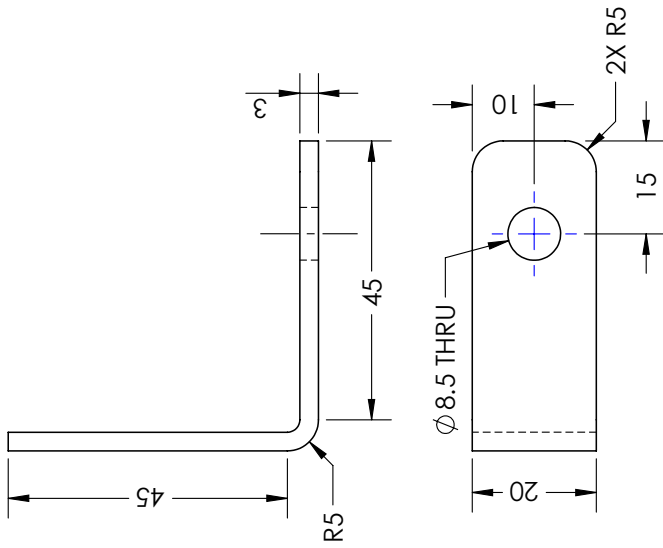
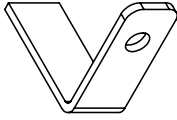



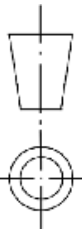
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS NAME ENGR. NURUS SALAMAT SIYAM CH'KD DR. MD. MOSHARRAF HOSSAIN APP'VD DR. AKM SAIFUL ISLAM		SIGNATURE N S S M H H A S I		DATE 20-11-2025 20-11-2025 20-11-2025		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024) DRG. NAME: CT Bended Sheet - 1 DWG NO: ASS_CTBS1_236_A4	
THIRD ANGLE PROJECTION:				MANUFACTURING METHOD: Machining WEIGHT: 1.68 kg SCALE: 1:4		MATERIAL: ASTM A36 STEEL SHEET: 236 REVISION: A	

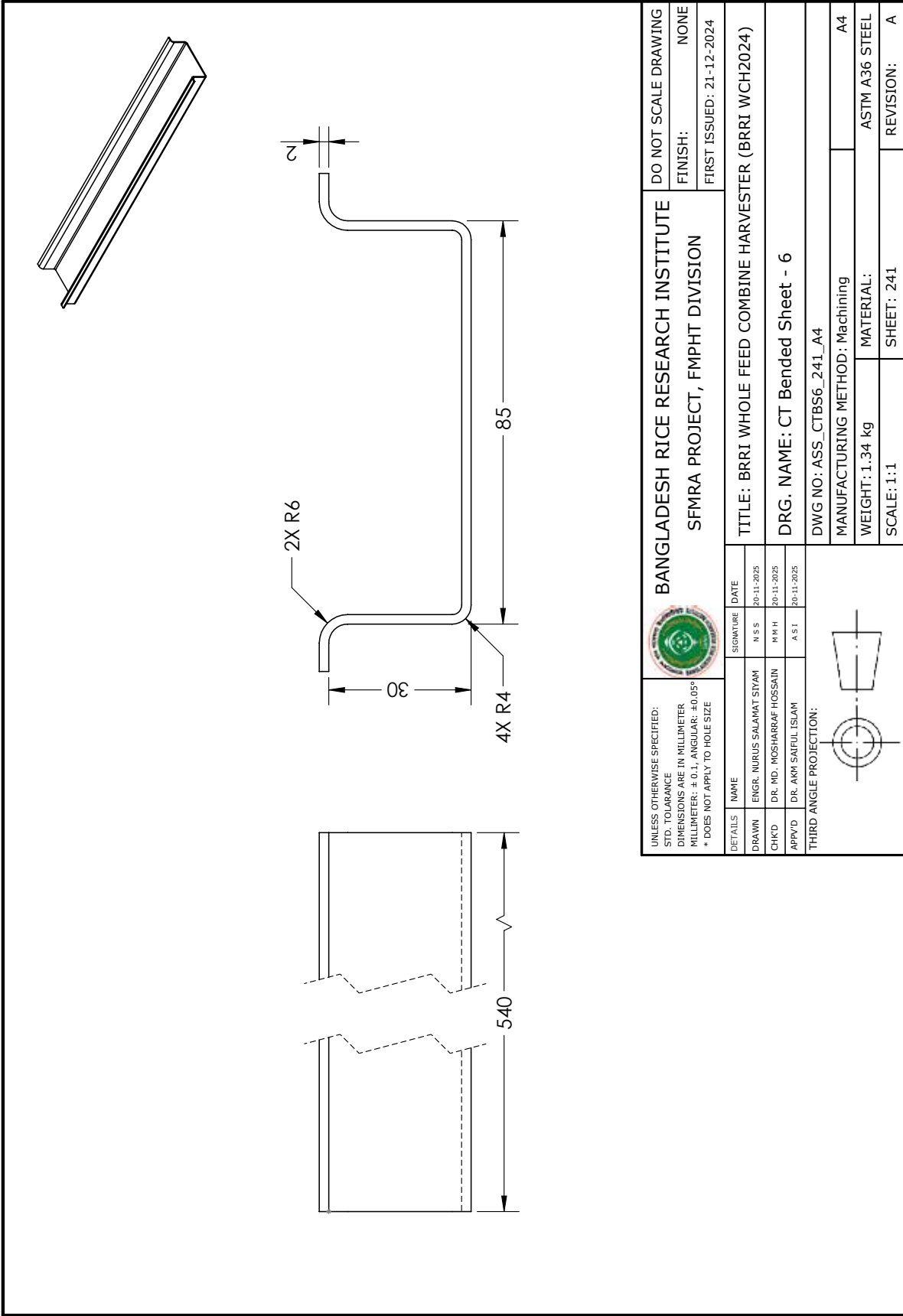



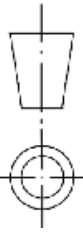


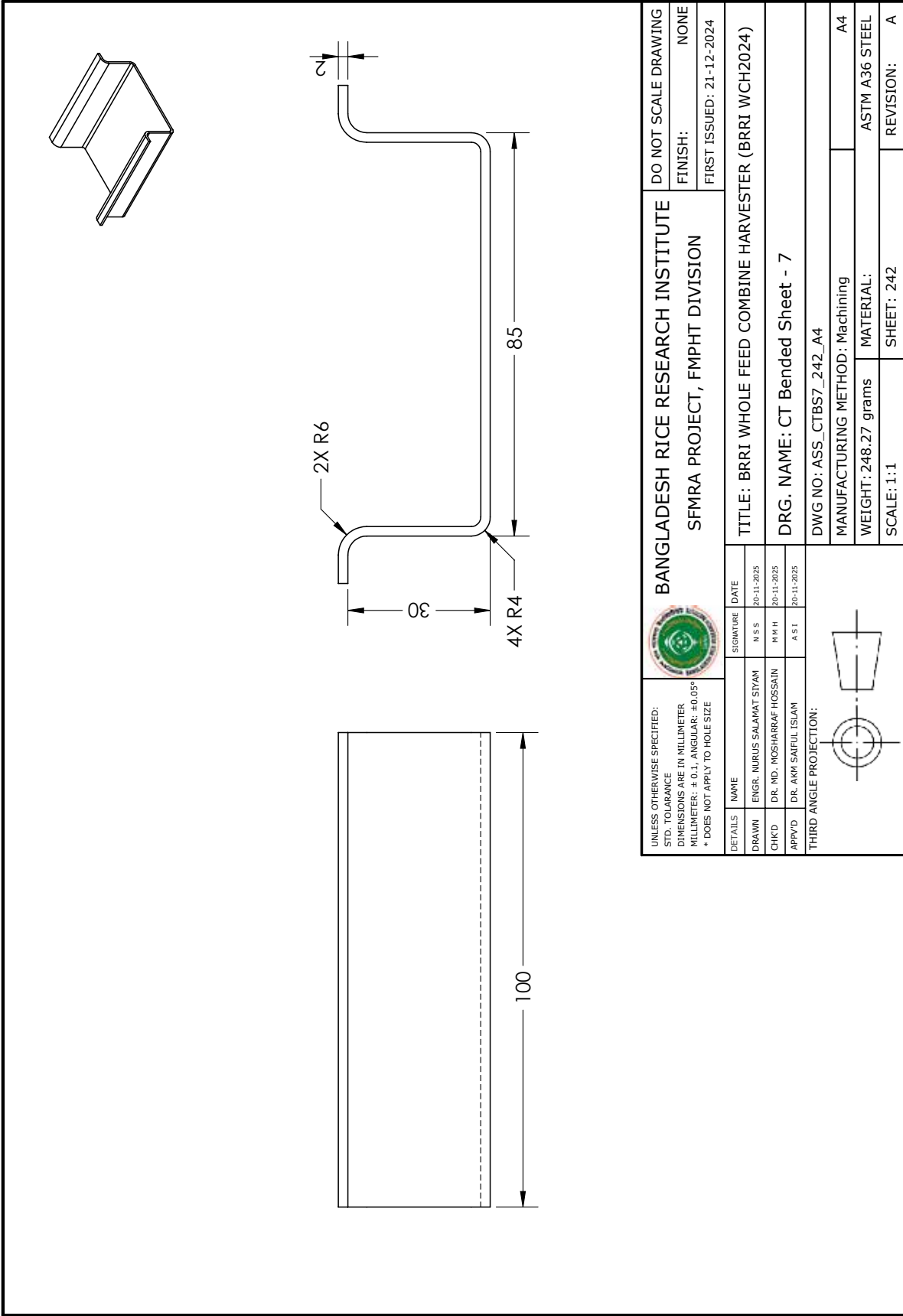


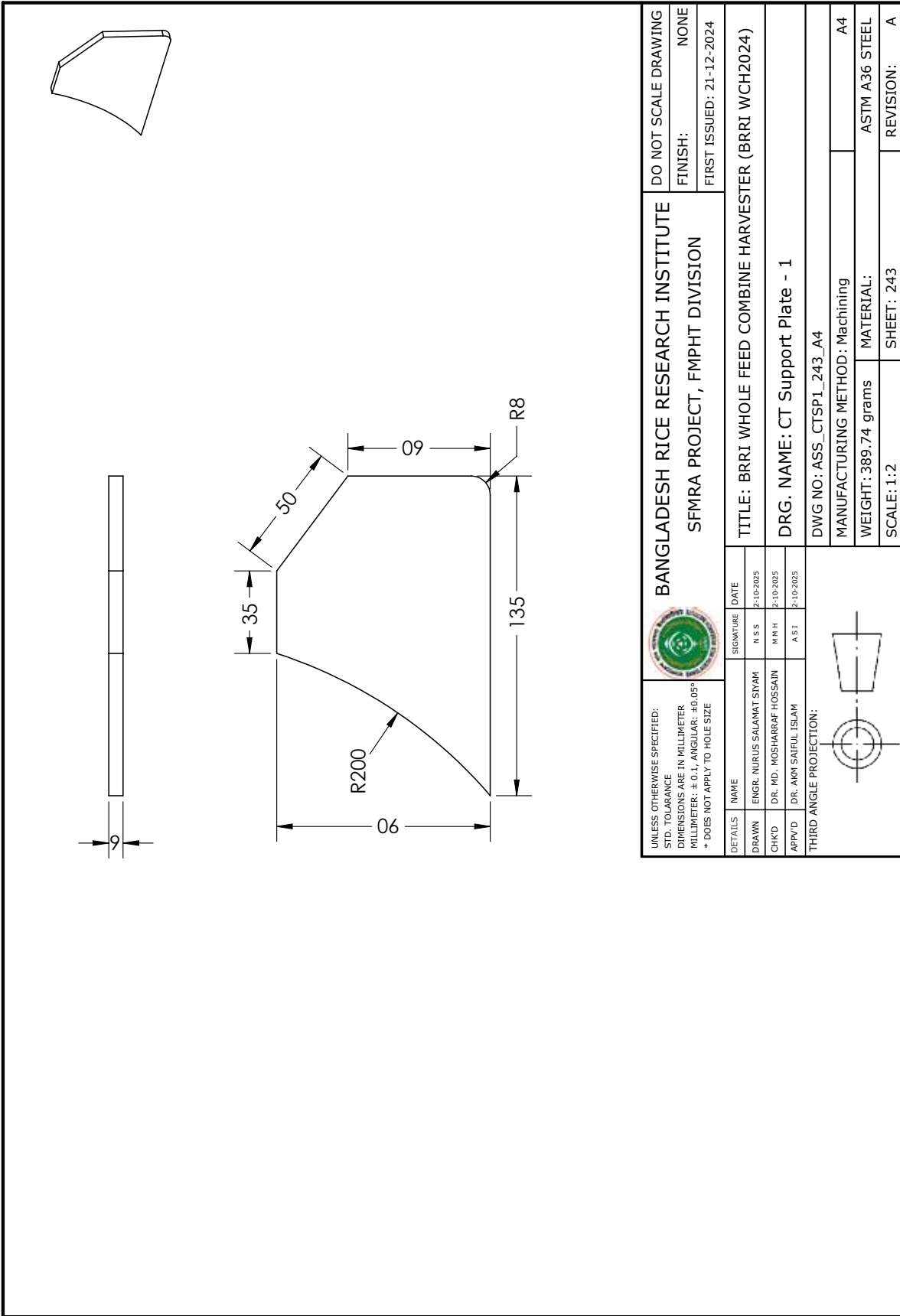


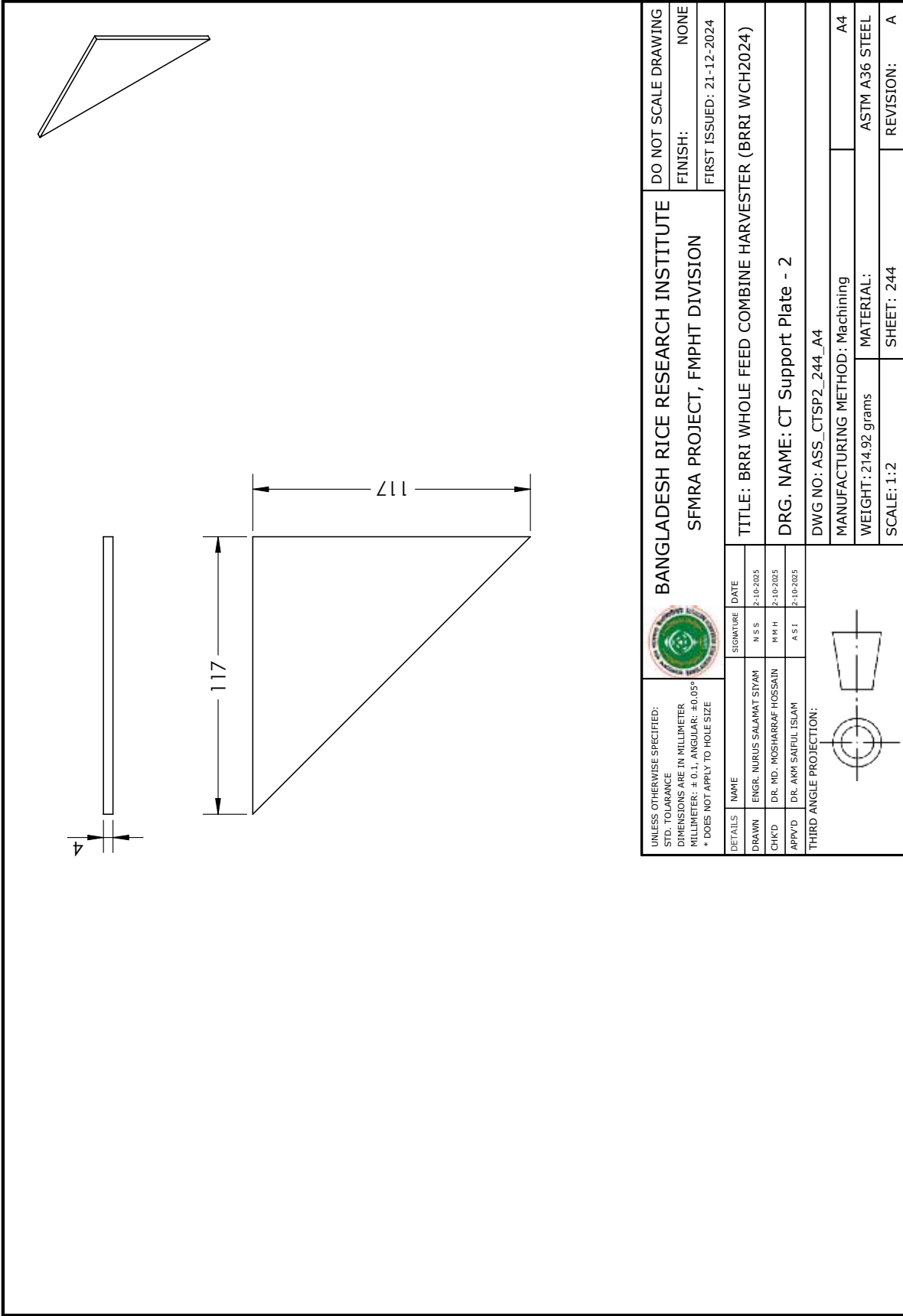
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DETAILS NAME DATE DRAWN ENGR. NURUS SALAMAT SIYAM 20-11-2025 CHK'D DR. MD. MOSHARRAF HOSSAIN 20-11-2025 APP'VD DR. AKM SAIFUL ISLAM 20-11-2025		SIGNATURE N S S M H H A S I		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024) DRG. NAME: CT Bended Sheet - 5 DWG NO.: ASS_CTBS5_240_A4		MANUFACTURING METHOD: Machining WEIGHT: 43.39 grams SCALE: 1:1	
THIRD ANGLE PROJECTION:				MATERIAL: ASTM A36 STEEL SHEET: 240		REVISION: A	


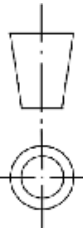


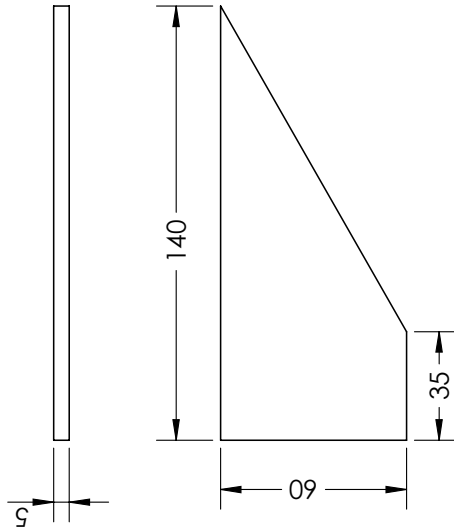
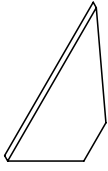
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DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)		FINISH: NONE	
DRAWN	ENGR. NURUS SALAMAT SIYAM	N S S	20-11-2025	DRG. NAME: CT Bended Sheet - 6		FIRST ISSUED: 21-12-2024	
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	20-11-2025	DWG NO: ASS_CTBS6_241_A4		REVISION: A	
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining		MATERIAL: ASTM A36 STEEL	
THIRD ANGLE PROJECTION:						SHEET: 241	
				WEIGHT: 1.34 kg		REVISION: A	
				SCALE: 1:1			





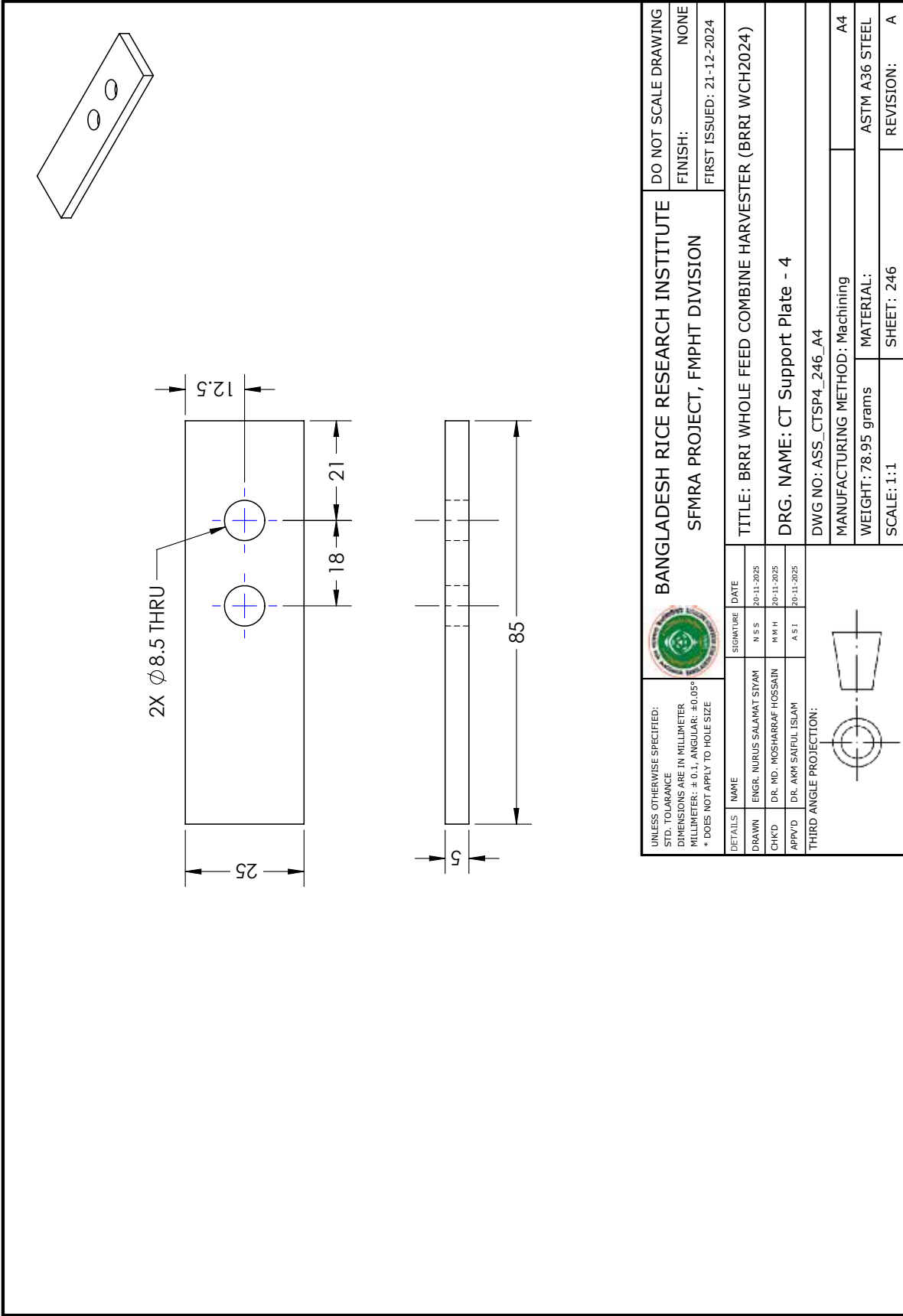


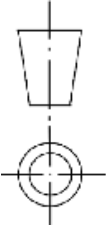
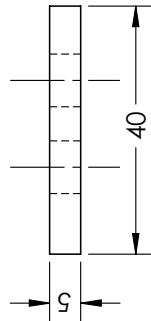
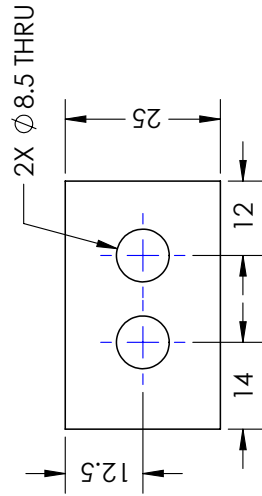
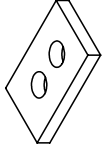



UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1 ; ANGULAR: $\pm 0.05^\circ$ * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING
DETAILS		SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)		FINISH: NONE
DRAWN	ENGR. NURJUS SALAMAT SIYAM	N S S	2-10-2025	DRG. NAME: CT Support Plate - 2		FIRST ISSUED: 21-12-2024
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	2-10-2025	DWG NO: ASS_CTSP2_244_A4		
APP'VD	DR. AKM SAIFUL ISLAM	A S I	2-10-2025	MANUFACTURING METHOD: Machining		
THIRD ANGLE PROJECTION:				WEIGHT: 214.92 grams		
				SCALE: 1:2		REVISION: A
				MATERIAL: ASTM A36 STEEL		
				SHEET: 244		

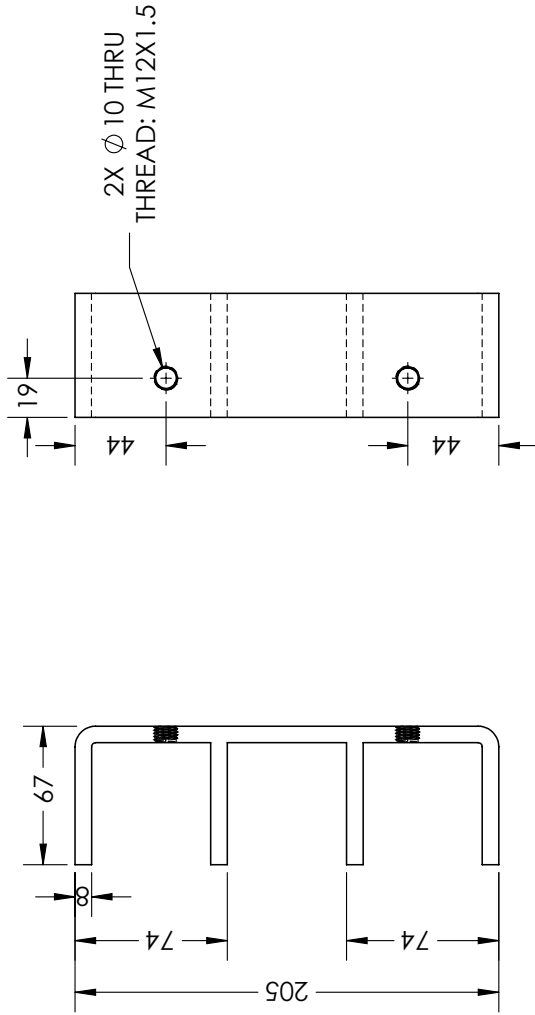
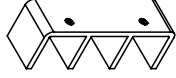



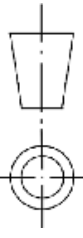
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1, ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS NAME ENGR. NURUS SALAMAT SIYAM DR. MD. MOSHARRAF HOSSAIN DR. AKM SAIFUL ISLAM		SIGNATURE N S S M H H A S I		DATE 2-10-2025 2-10-2025 2-10-2025		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024) DRG. NAME: CT Support Plate - 3 DWG NO: ASS_CTSP3_245_A4	
THIRD ANGLE PROJECTION:				MANUFACTURING METHOD: Machining WEIGHT: 206.06 grams SCALE: 1:2		MATERIAL: ASTM A36 STEEL SHEET: 245 REVISION: A	

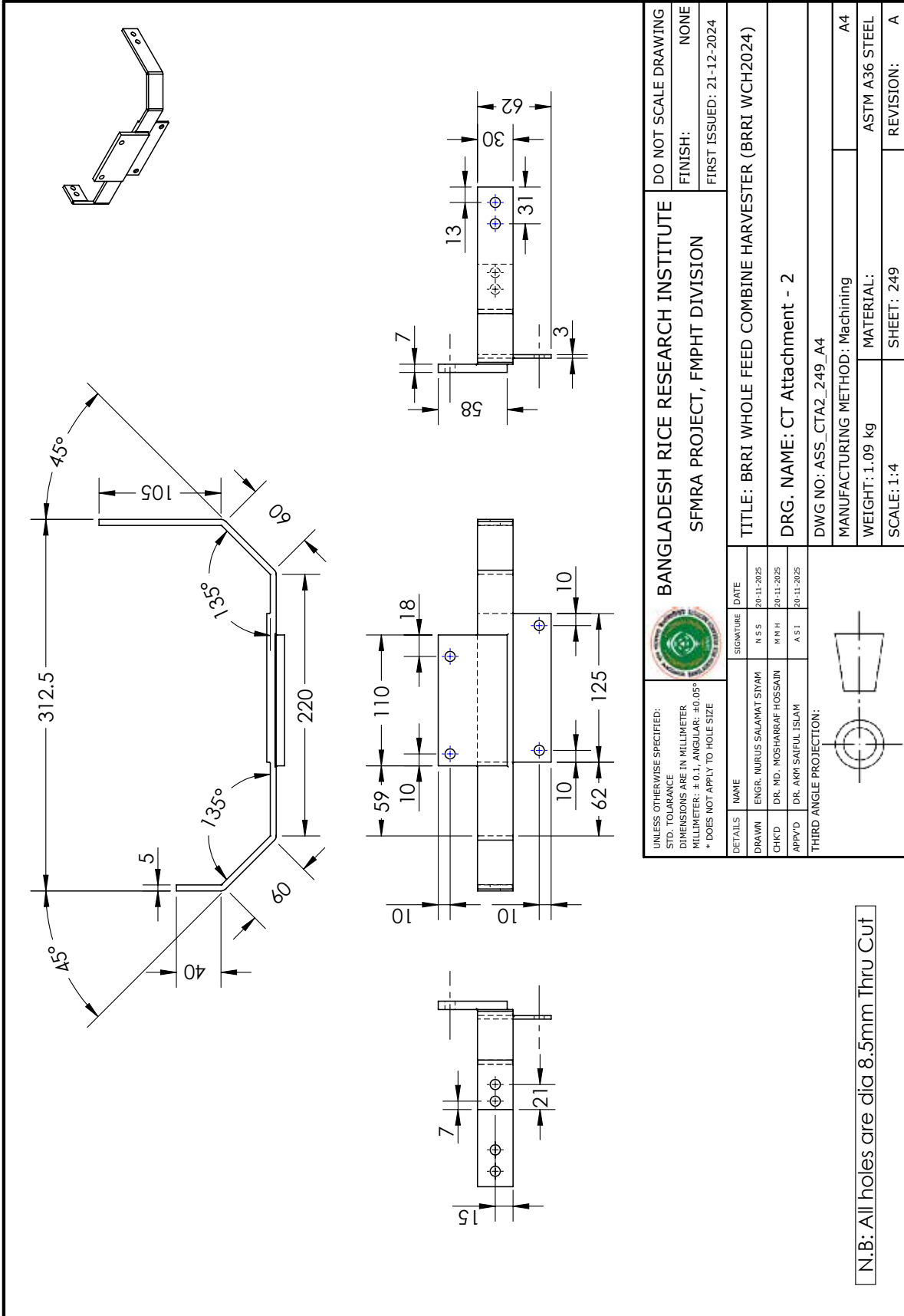



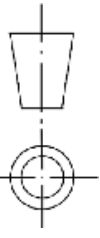


UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BIRRI WHOLE FEED COMBINE HARVESTER (BIRRI WCH2024)			
DRAWN	ENGR. NURUS SALAMAT SIYAM	N S S	2-10-2025	DRG. NAME: CT Support Plate - 5			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M H H	2-10-2025	DWG NO: ASS_CTSP5_247_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	2-10-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:				WEIGHT: 34.80 grams			
				SCALE: 1:1			
				MATERIAL: ASTM A36 STEEL			
				SHEET: 247			
				REVISION: A			

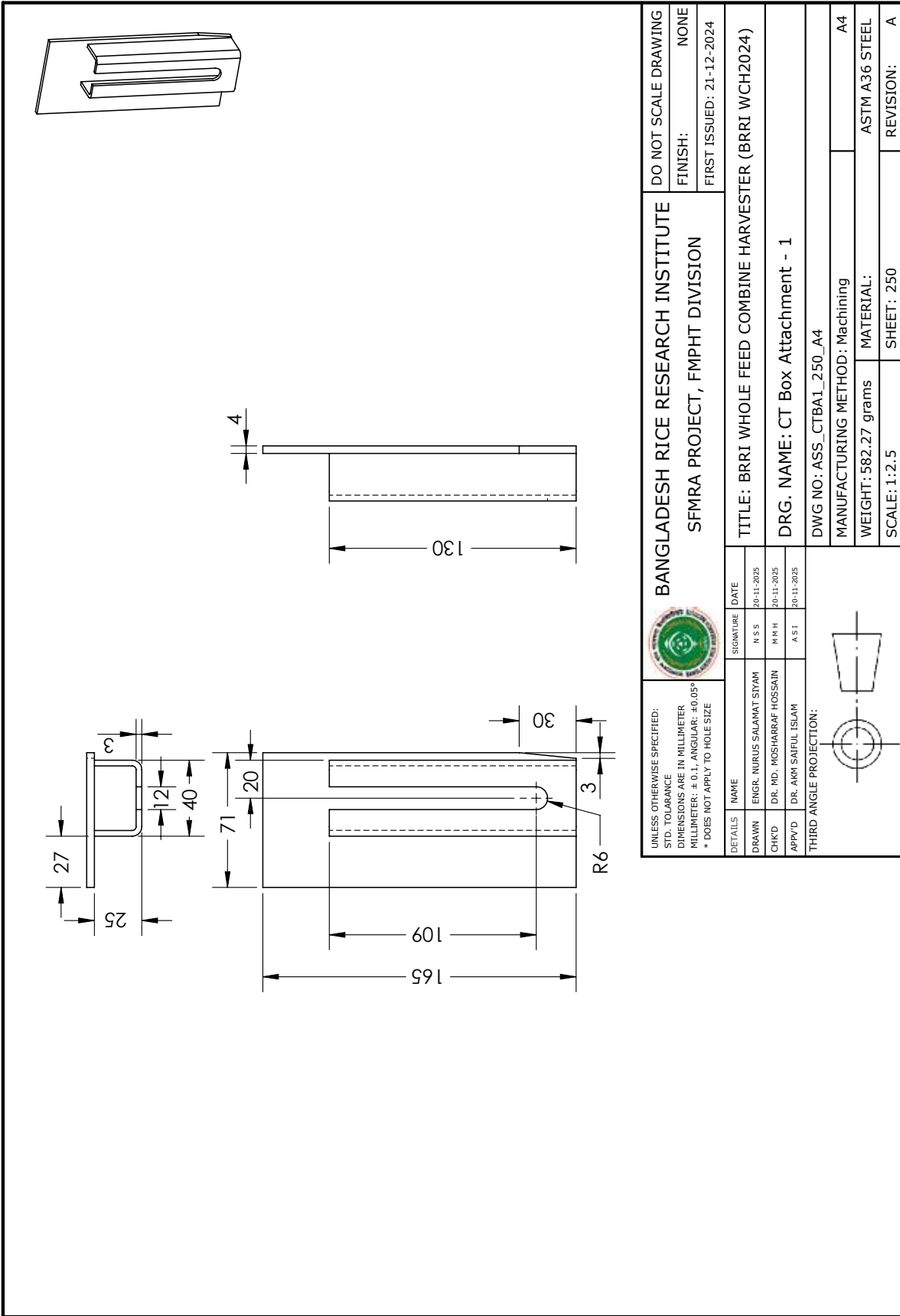


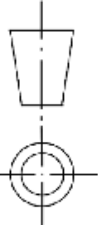
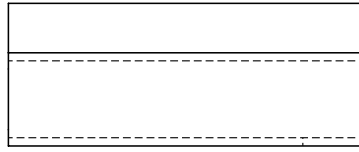
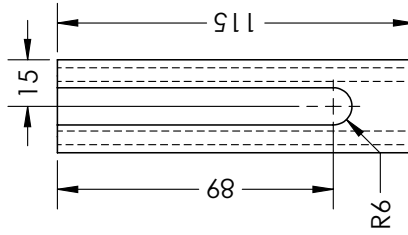
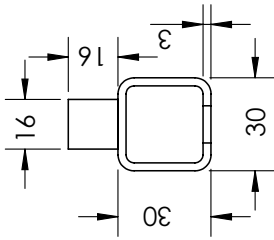
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DETAILS NAME DRAWN CHK'D APP'VD THIRD ANGLE PROJECTION:		SIGNATURE N S S M N H A S I		DATE 20-11-2025 20-11-2025 20-11-2025		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024) DRG. NAME: CT Attachment - 1 DWG NO: ASS_CTA1_248_A4	
				MANUFACTURING METHOD: Machining WEIGHT: 1.63 kg SCALE: 1:3		MATERIAL: ASTM A36 STEEL SHEET: 248 REVISION: A	




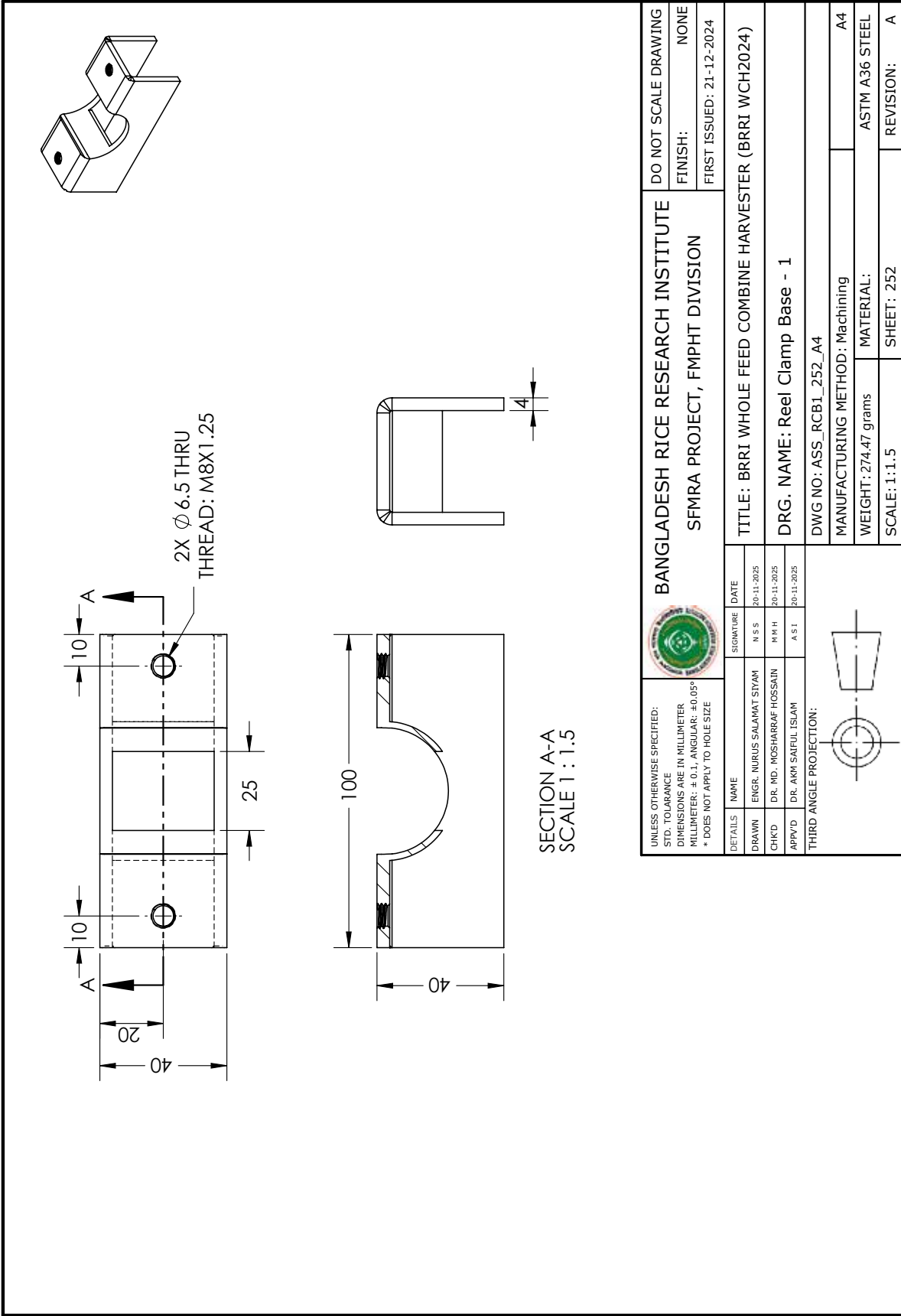
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. NURUS SALAMAT SIYAM	N S S	20-11-2025	DRG. NAME: CT Attachment - 2			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	20-11-2025	DWG NO.: ASS_CTA2_249_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:				WEIGHT: 1.09 kg			
				MATERIAL: ASTM A36 STEEL			
				SCALE: 1:4			
				SHEET: 249			
				REVISION: A			

N.B: All holes are dia 8.5mm Thru Cut


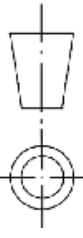


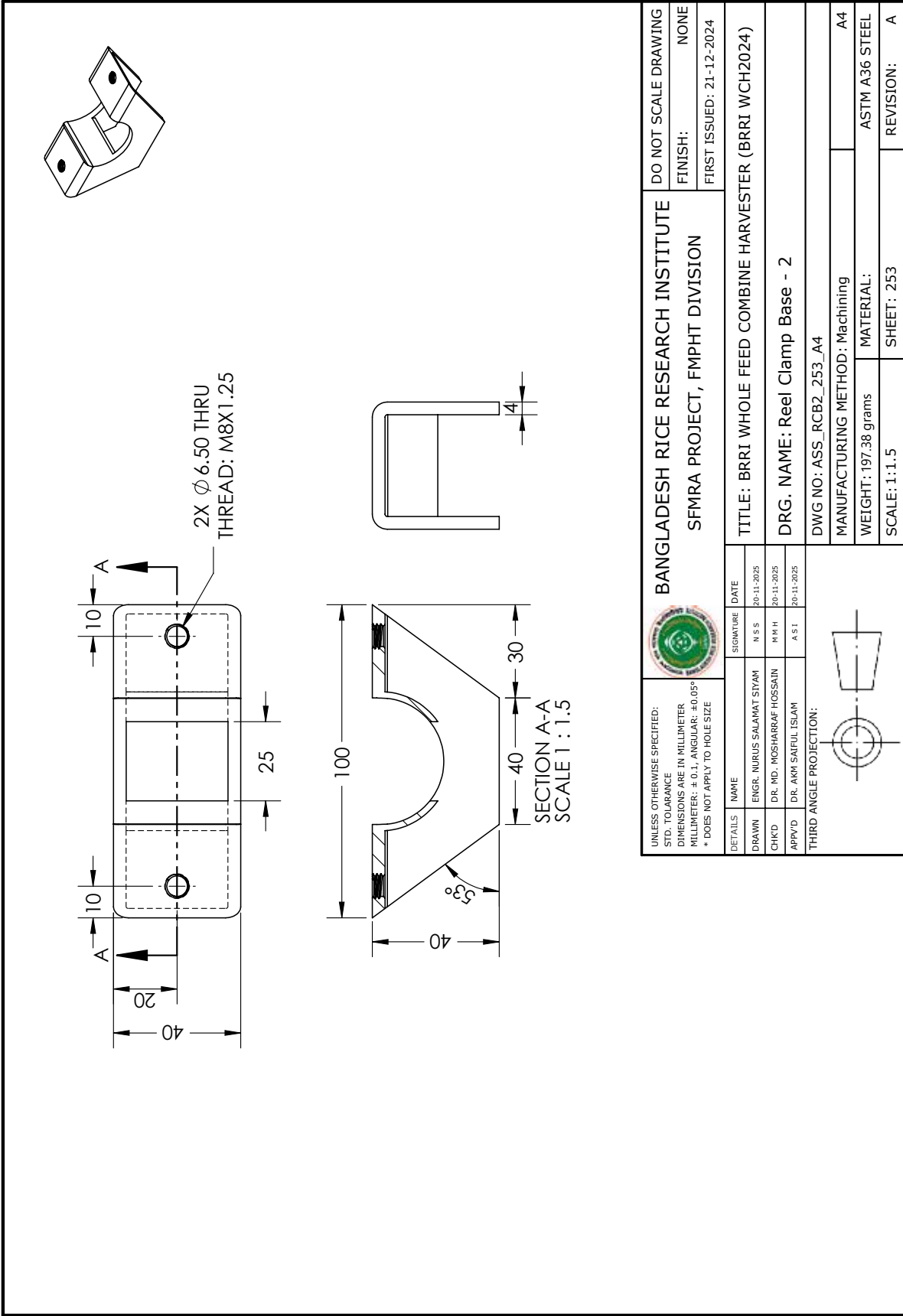


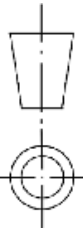
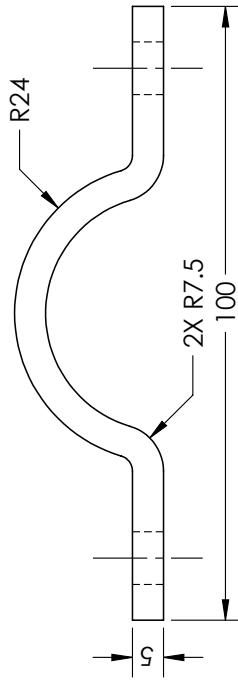
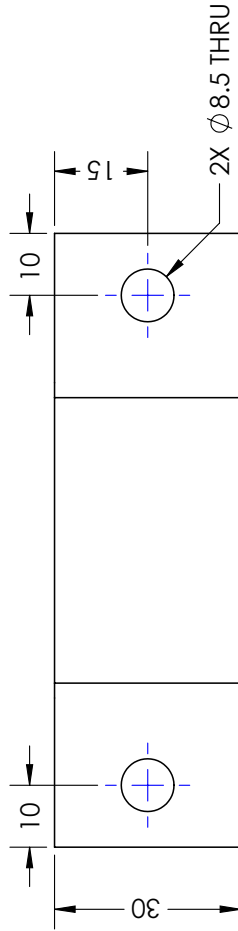
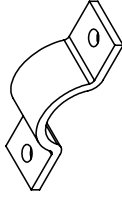
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. NURUS SALAMAT SIYAM	N S S	20-11-2025	DRG. NAME: CT Box Attachment - 2			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M H H	20-11-2025	DWG NO: ASS_CTBA2_251_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:				WEIGHT: 449.68 grams			
				SCALE: 1:2			
				MATERIAL: ASTM A36 STEEL			
				SHEET: 1:2			
				REVISION: A			




SECTION A-A
SCALE 1:1.5

UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ±0.1, ANGULAR: ±0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. NURUS SALAMAT SIYAM	N S S	20-11-2025	DRG. NAME: Reel Clamp Base - 1			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M H H	20-11-2025	DWG NO.: ASS_RCB1_252_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:						WEIGHT: 274.47 grams MATERIAL: ASTM A36 STEEL	
				SCALE: 1:1.5		SHEET: 252	
						REVISION: A	



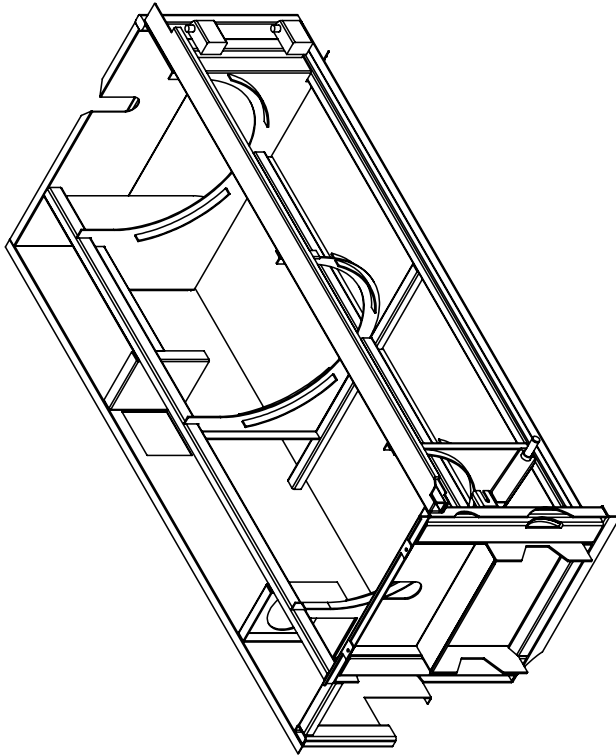


UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ±0.1; ANGULAR: ±0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. NURUS SALAMAT SIYAM	N S S	2-10-2025	DRG. NAME: Reel Clamp			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M H H	2-10-2025	DWG NO.: ASS_RC_254_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	2-10-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:				WEIGHT: 132.38 grams			
				SCALE: 1:1			
				MATERIAL: ASTM A36 STEEL			
				SHEET: 254			
				REVISION: A			

Sub- assembly 07
Threshing section
Sheet no. 255 – 323

BILL OF MATERIAL: THRESHING FRAME ASSEMBLY

ITEM NO.	PART NAME	QTY.	PART NUMBER	MATERIAL
1	Frame Bended Sheet	1	ASS_FBS_258_A4	ASTM A36 STEEL
2	ANG-25-25-03-1851	1	ASS_AB1_259_A4	ASTM A36 STEEL
3	SBX-30-04-558	1	ASS_SB1_260_A4	ASTM A36 STEEL
4	RBX-60-30-04-320	1	ASS_RB1_261_A4	ASTM A36 STEEL
5	SBX-30-04-148	2	ASS_SB2_262_A4	ASTM A36 STEEL
6	SBX-30-04-301	1	ASS_SB3_263_A4	ASTM A36 STEEL
7	SBX-30-04-598	1	ASS_SB4_264_A4	ASTM A36 STEEL
8	RBX-34-43-04-560	1	ASS_RB2_265_A4	ASTM A36 STEEL
9	RBX-40-30-04-759	2	ASS_RB3_266_A4	ASTM A36 STEEL
10	Plate_Bended_Left_1	2	ASS_PBL_267_A4	ASTM A36 STEEL
11	Plate_Bended_Left_2	1	ASS_PBL_268_A4	ASTM A36 STEEL
12	Plate_Bended_Rear_3	1	ASS_PBR_269_A4	ASTM A36 STEEL
13	Plate_Bended_Front_4	1	ASS_PBF_270_A4	ASTM A36 STEEL
14	Plate_Bended_Top_5	1	ASS_PBT_271_A4	ASTM A36 STEEL
15	Plate_Bended_Front_6	1	ASS_PBF_272_A4	ASTM A36 STEEL
16	Plate_Bended_Front_7	1	ASS_PBF_273_A4	ASTM A36 STEEL
17	Plate_Bended_Front_8	1	ASS_PBF_274_A4	ASTM A36 STEEL
18	Plate_Bended_Right_9	1	ASS_PBR_276_A4	ASTM A36 STEEL
19	Plate_Bended_Front_10	1	ASS_PBF_277_A4	ASTM A36 STEEL
20	Plate_Bended_Front_11	1	ASS_PBF_278_A4	ASTM A36 STEEL
21	Plate_Bended_Right_12	1	ASS_PBT_279_A4	ASTM A36 STEEL



UNLESS OTHERWISE SPECIFIED:
 STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER
 MILLIMETER: ± 0.1; ANGULAR: ± 0.05°
 * DOES NOT APPLY TO HOLE SIZE

DETAILS	NAME	SIGNATURE	DATE
DRAWN	ENGR. SIYAM (ALUM. INDUSTRY)	N S S	10-10-2025
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	10-10-2025
APP'VD	DR. AKM SAIFUL ISLAM	A S I	10-10-2025

THIRD ANGLE PROJECTION:

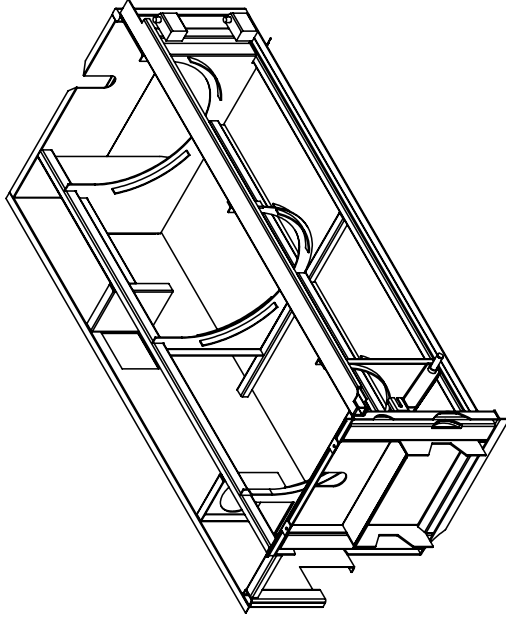
BANGLADESH RICE RESEARCH INSTITUTE
 SFMRA PROJECT, FMPHT DIVISION


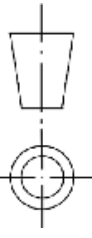
DO NOT SCALE DRAWING
 FINISH: NONE
 FIRST ISSUED: 21-12-2024

TITLE: BRR I WHOLE FEED COMBINE HARVESTER (BRR I WCH2024)
 DRG. NAME: Threshing Frame Assembly
 DWG NO.: ASS_TFA_255_A4
 MANUFACTURING METHOD: Machining
 WEIGHT: 172.6 kg
 MATERIAL: ASTM A36 STEEL
 SCALE: 1:18
 SHEET: 255
 REVISION: A

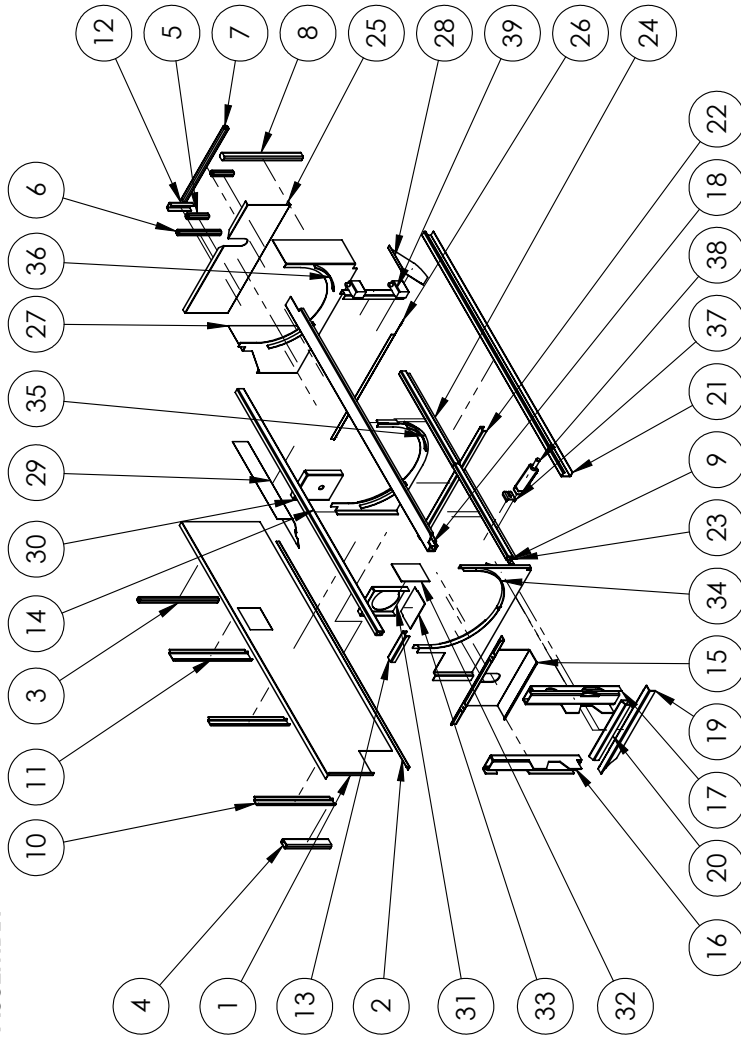
BILL OF MATERIAL: THRESHING FRAME ASSEMBLY


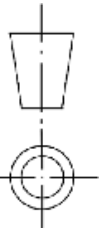
ITEM NO.	PART NAME	QTY.	PART NUMBER	MATERIAL
22	Plate_Bended_Bottom_13	1	ASS_PBB_280_A4	ASTM A36 STEEL
23	Plate_Bended_Bottom_14	1	ASS_PBB_281_A4	ASTM A36 STEEL
24	Plate_Bended_Bottom_15	1	ASS_PBB_282_A4	ASTM A36 STEEL
25	Sheet_Bended_Rear_1	1	ASS_SBR1_283_A4	ASTM A36 STEEL
26	Sheet_Bended_Rear_2	1	ASS_SBR2_284_A4	ASTM A36 STEEL
27	Sheet_Bended_Rear_2.1	1	ASS_SBR21_285_A4	ASTM A36 STEEL
28	Sheet_Bended_Rear_2.2	1	ASS_SBR22_286_A4	ASTM A36 STEEL
29	Recycle Auger Support 1	1	ASS_RAS_287_A4	ASTM A36 STEEL
30	Recycle Auger Bended Plate - 1	1	ASS_RABP1_288_A4	ASTM A36 STEEL
31	Recycle Auger Bended Plate - 2	1	ASS_RABP2_289_A4	ASTM A36 STEEL
32	Support Plate - 1	1	ASS_SP1_290_A4	ASTM A36 STEEL
33	Support Plate - 2	1	ASS_SP2_291_A4	ASTM A36 STEEL
34	Concave Screen_Base_Front	1	ASS_CSBF_292_A4	ASTM A36 STEEL
35	Concave Screen_Base_Mid	1	ASS_CSBM_293_A4	ASTM A36 STEEL
36	Concave Screen_Base_Rear	1	ASS_CSBR_294_A4	ASTM A36 STEEL
37	Tension Pulley Part - 1	1	ASS_TPP1_295_A4	ASTM A36 STEEL
38	Tension Pulley Part - 2	1	ASS_TPP2_296_A4	ASTM A36 STEEL
39	Frame Cover Support - 1	1	ASS_FCS1_297_A4	ASTM A36 STEEL

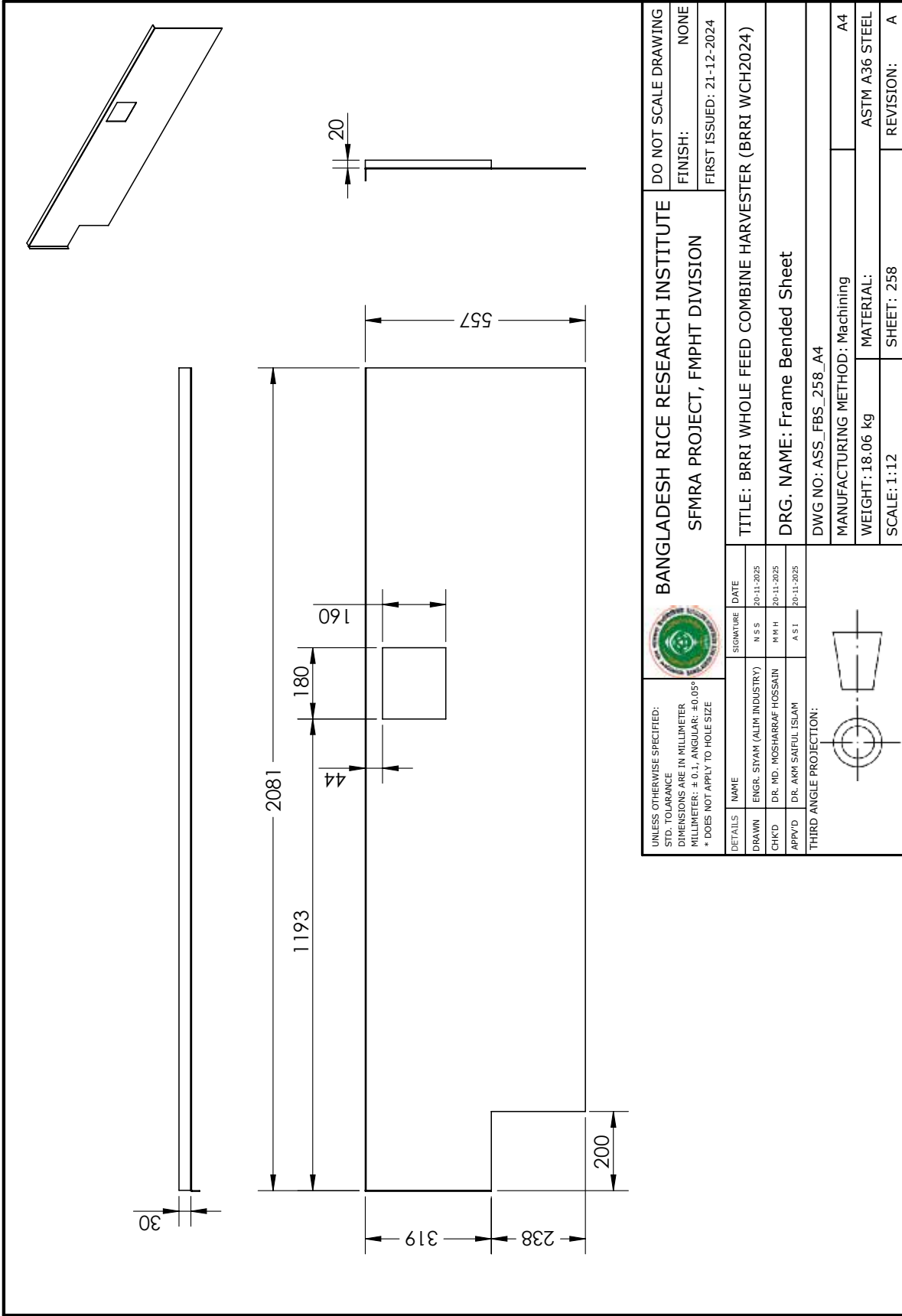


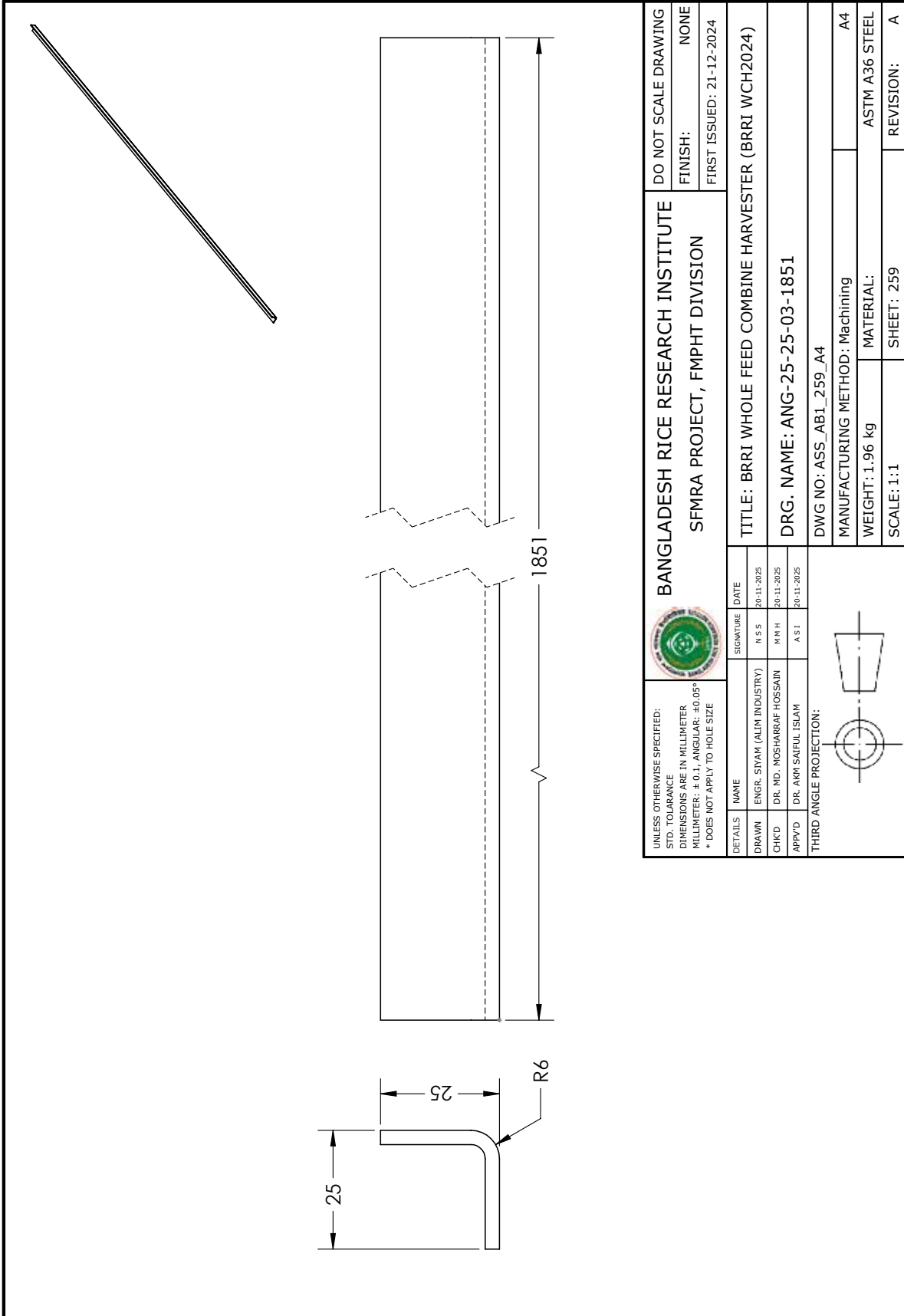
		BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1, ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024) DRG. NAME: Threshing Frame Assembly DWG NO.: ASS_TFA_256_A4		
DETAILS NAME ENGR. SIYAM (ALUM. INDUSTRY) CHKD. DR. MD. MOSHARRAF HOSSAIN APPVD. DR. AKM SAIFUL ISLAM		SIGNATURE N S S M N H A S I		
DATE 10-10-2025 10-10-2025 10-10-2025		THIRD ANGLE PROJECTION: 		
		MANUFACTURING METHOD: Machining WEIGHT: 172.6 kg SCALE: 1:22		MATERIAL: ASTM A36 STEEL SHEET: 256 REVISION: A


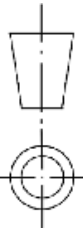
EXPLODED VIEW: THRESHING FRAME ASSEMBLY

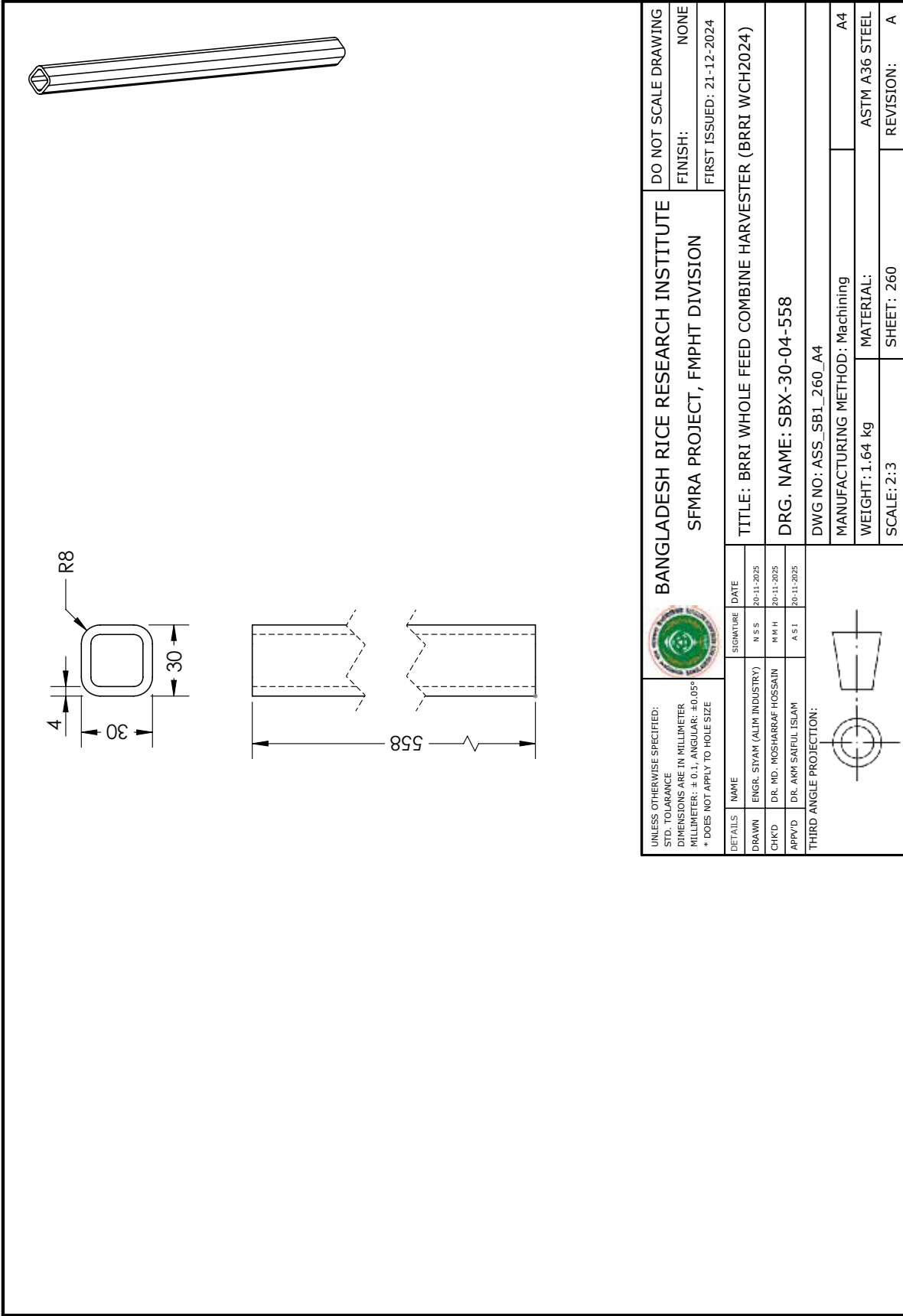


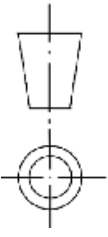
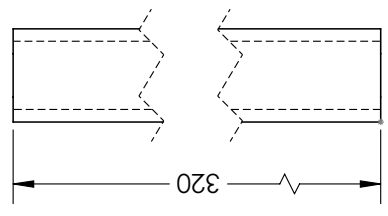
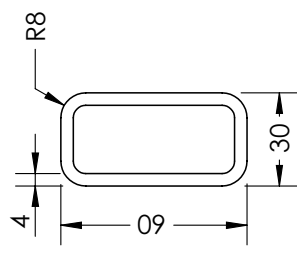
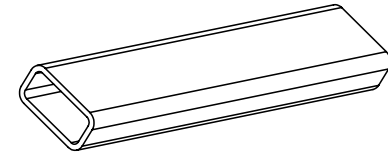
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1 ; ANGULAR: $\pm 0.05^\circ$ * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024			
DETAILS NAME DATE DRAWN ENGR. SIYAM (ALIM INDUSTRY) N S S 10-10-2025 CHK'D DR. MD. MOSHARRAF HOSSAIN M R H 10-10-2025 APP'VD DR. AKM SAIFUL ISLAM A S I 10-10-2025		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024) DRG. NAME: Threshing Frame Assembly DWG NO.: ASS_TFA_257_A4		MANUFACTURING METHOD: Machining WEIGHT: 172.6 kg SCALE: 1:16		MATERIAL: ASTM A36 STEEL SHEET: 257 REVISION: A			
THIRD ANGLE PROJECTION: 									


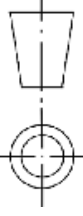


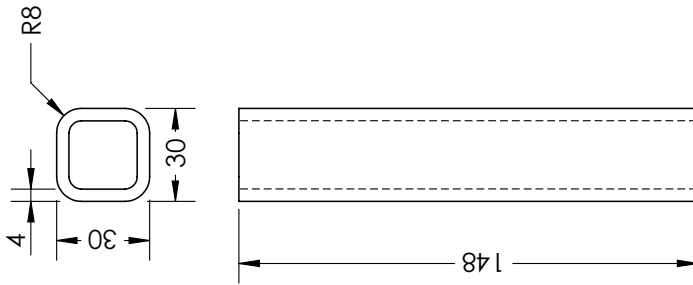
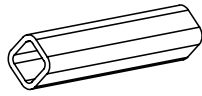



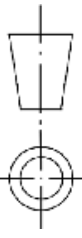
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	DRG. NAME: ANG-25-25-03-1851			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	20-11-2025	DWG NO.: ASS_AB1_259_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:				WEIGHT: 1.96 kg			
				MATERIAL: ASTM A36 STEEL			
				SCALE: 1:1			
				SHEET: 259			
				REVISION: A			

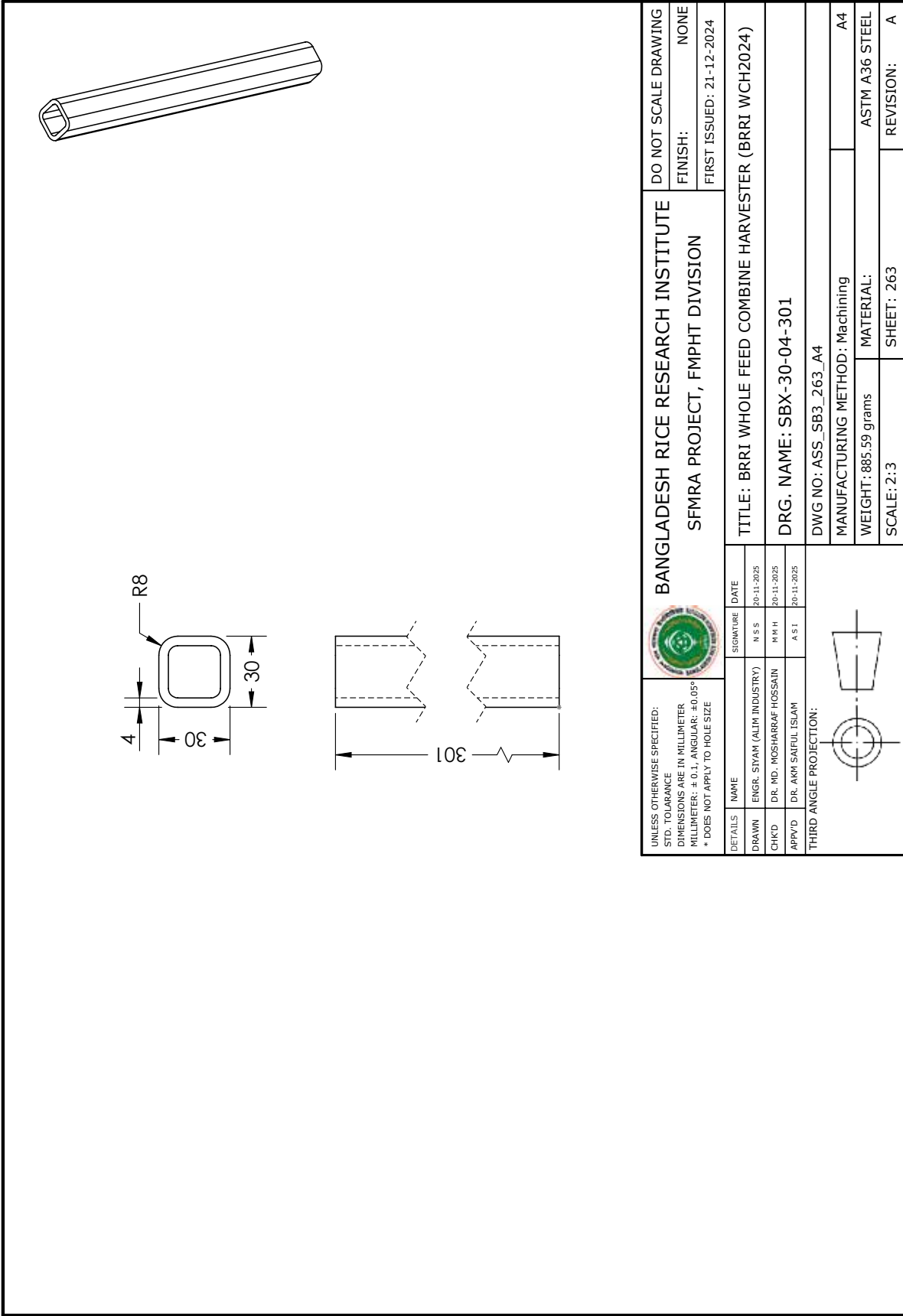


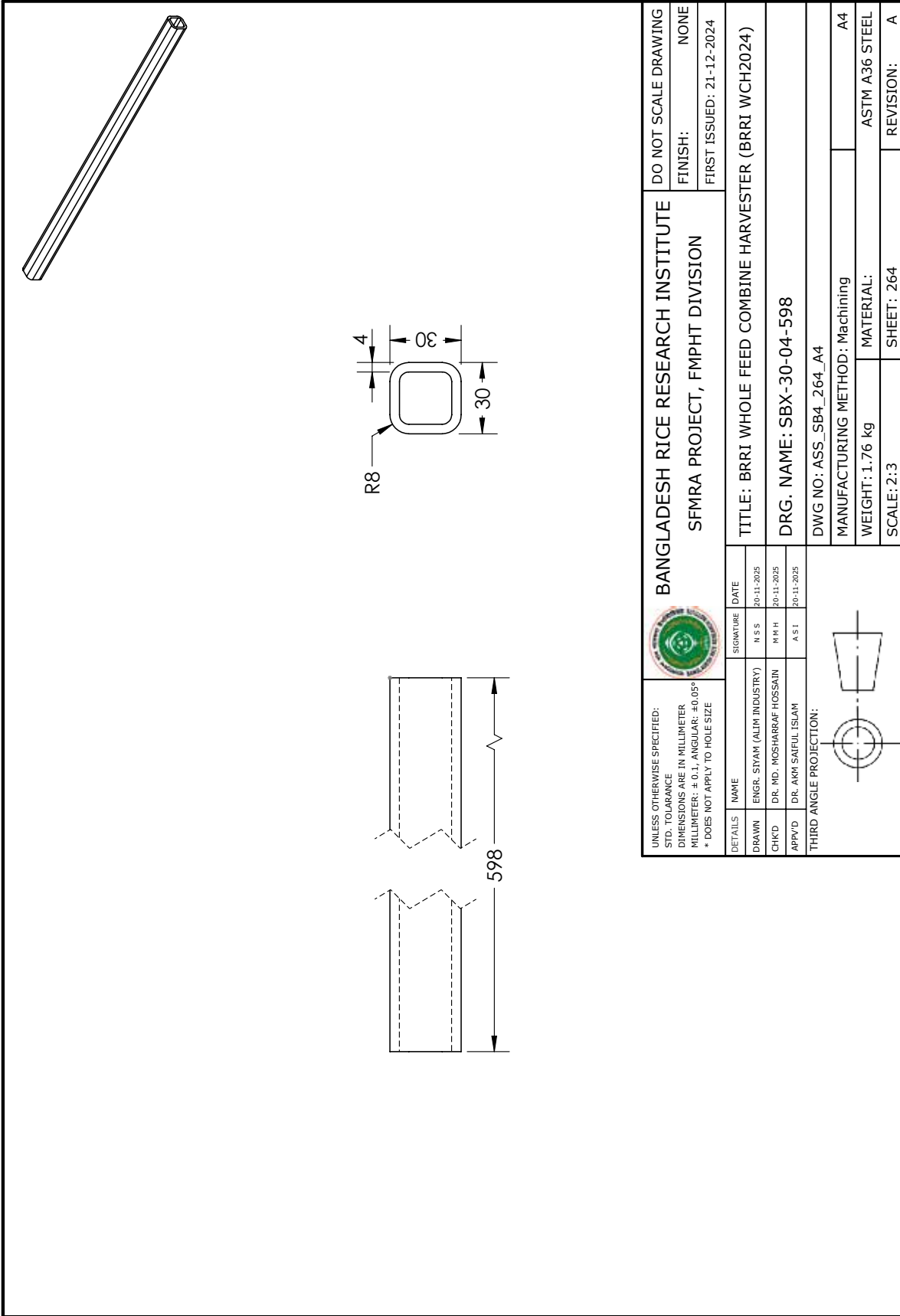



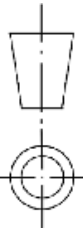
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS NAME ENGR. SIYAM (ALIM INDUSTRY) CHKD DR. MD. MOSHARRAF HOSSAIN APPVD DR. AKM SAIFUL ISLAM		SIGNATURE N S S M R H A S I		DATE 20-11-2025 20-11-2025 20-11-2025		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024) DRG. NAME: RBX-60-30-04-320 DWG NO.: ASS_RB1_261_A4	
THIRD ANGLE PROJECTION:				MANUFACTURING METHOD: Machining WEIGHT: 1.54 kg SCALE: 2:3		MATERIAL: ASTM A36 STEEL SHEET: 261 REVISION: A	

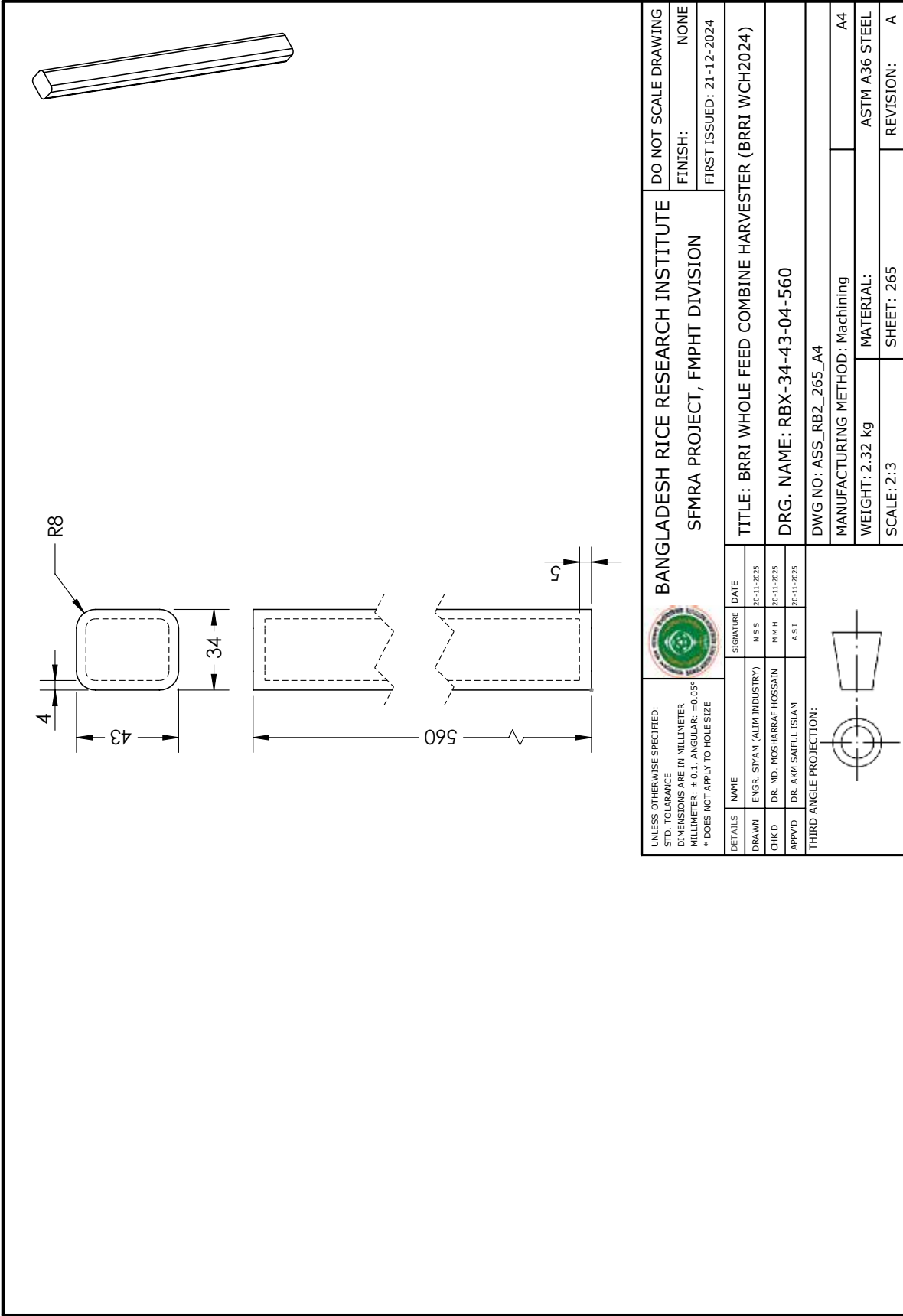


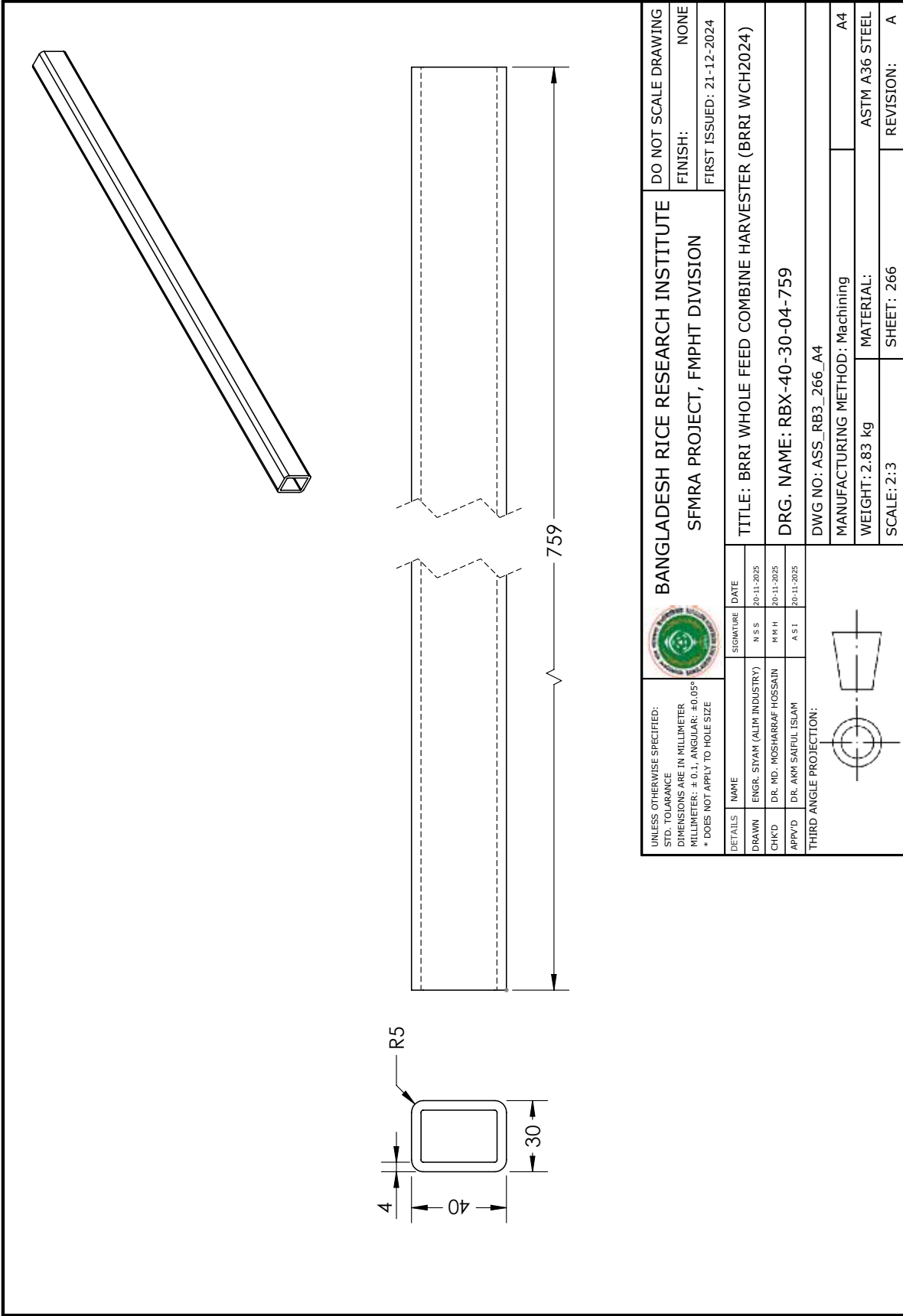
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS NAME SIGNATURE DATE DRAWN ENGR. SIYAM (ALIM INDUSTRY) N S S 20-11-2025 CHK'D DR. MD. MOSHARRAF HOSSAIN M N H 20-11-2025 APP'VD DR. AKM SAIFUL ISLAM A S I 20-11-2025		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)		DRG. NAME: SBX-30-04-148		DWG NO.: ASS_SB2_262_A4	
THIRD ANGLE PROJECTION:				MANUFACTURING METHOD: Machining		A4	
				WEIGHT: 435.44 grams		MATERIAL: ASTM A36 STEEL	
				SCALE: 2:3		SHEET: 262 REVISION: A	

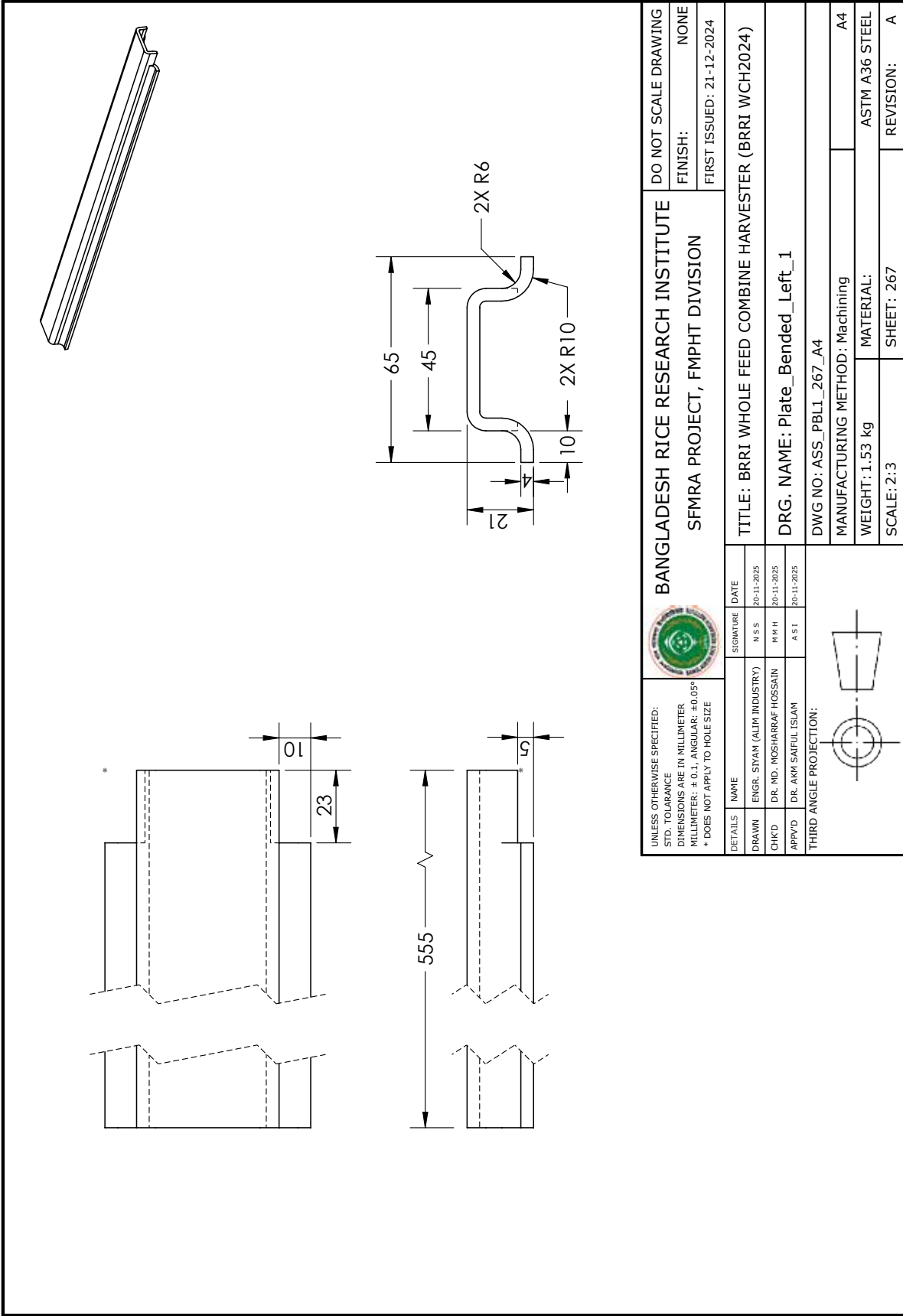


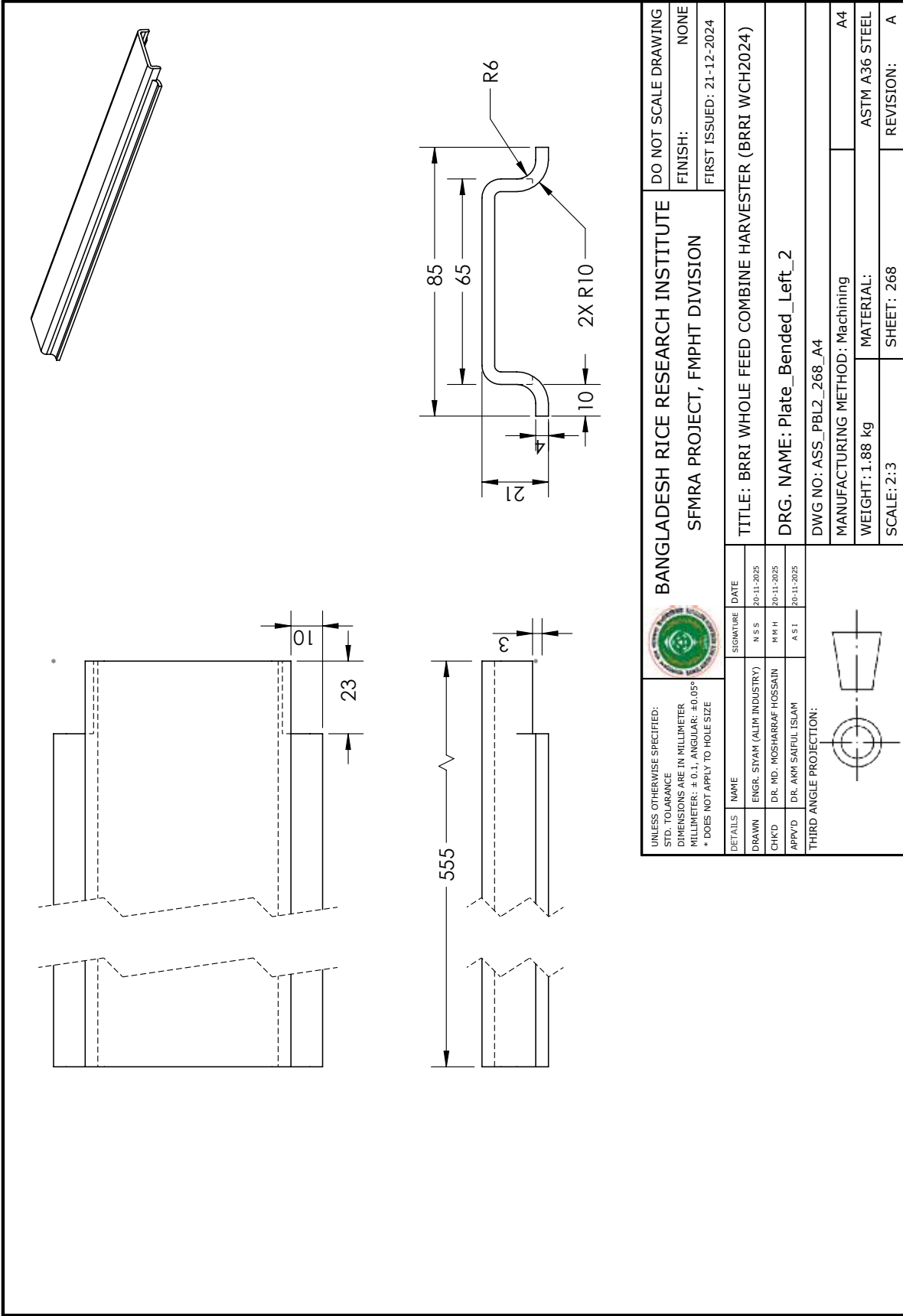


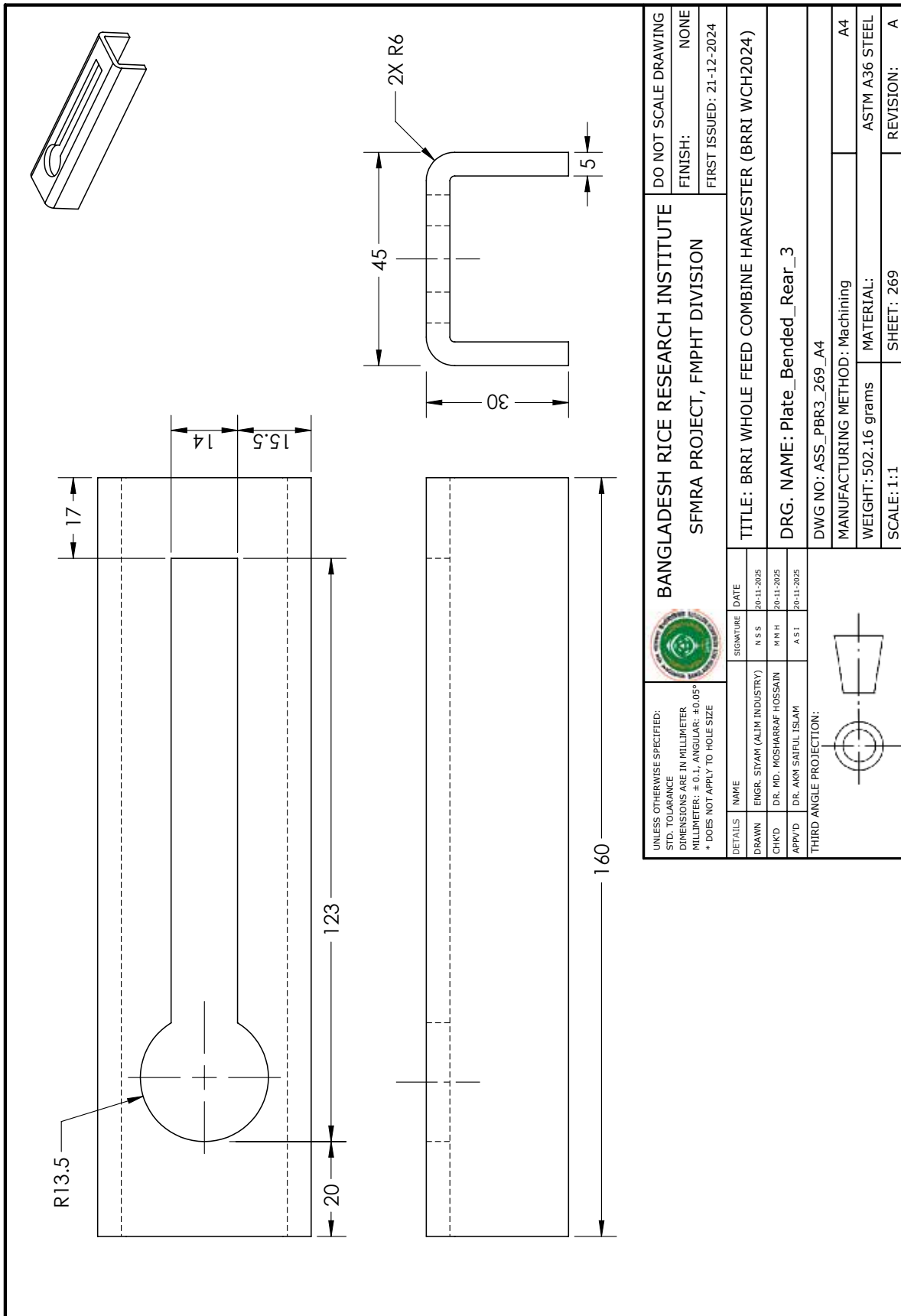
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	DRG. NAME: SBX-30-04-598			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M H H	20-11-2025	DWG NO.: ASS_SB4_264_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:							
				WEIGHT: 1.76 kg			
				MATERIAL: ASTM A36 STEEL			
				SCALE: 2:3			
				SHEET: 264			
				REVISION: A			

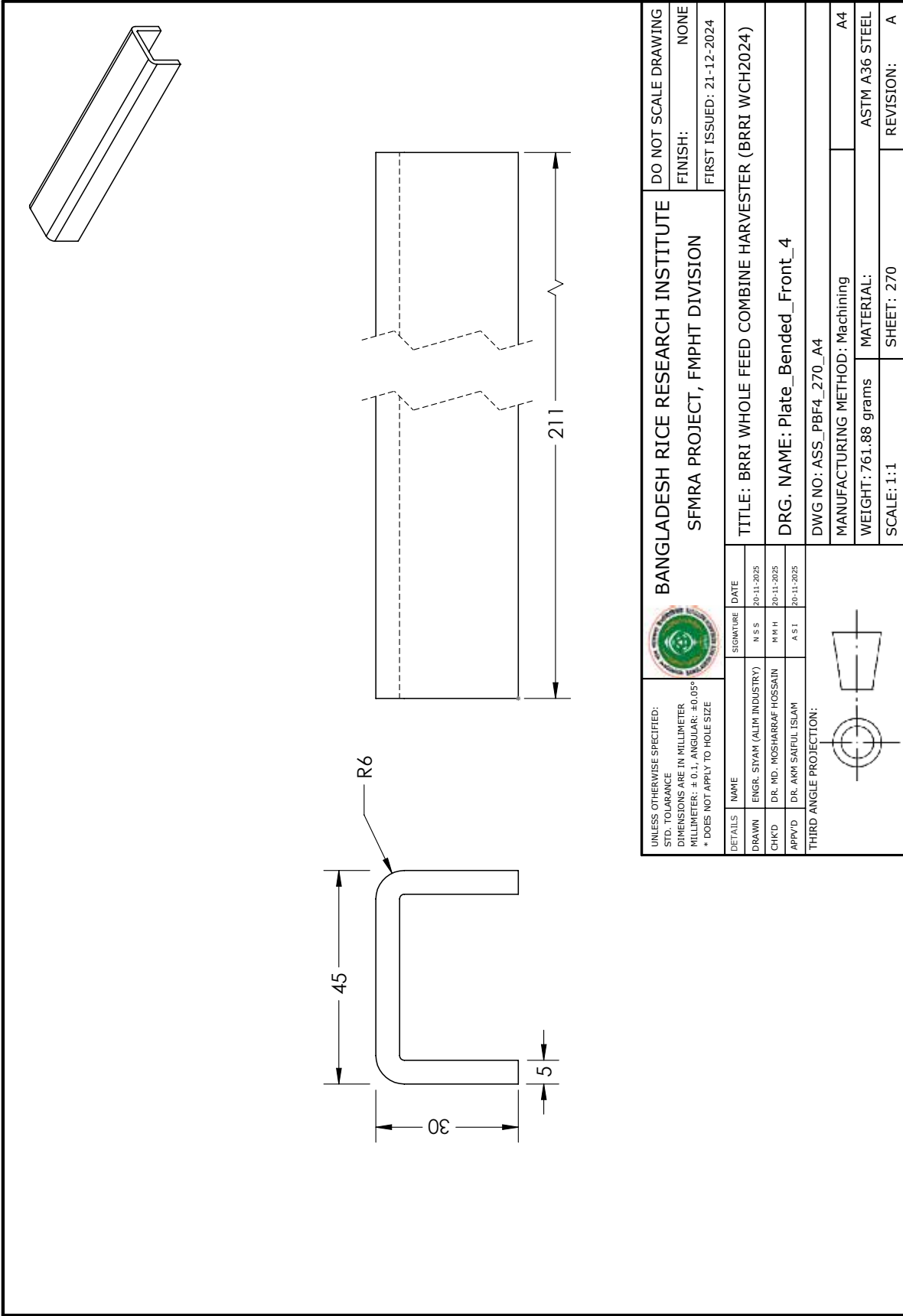



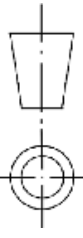


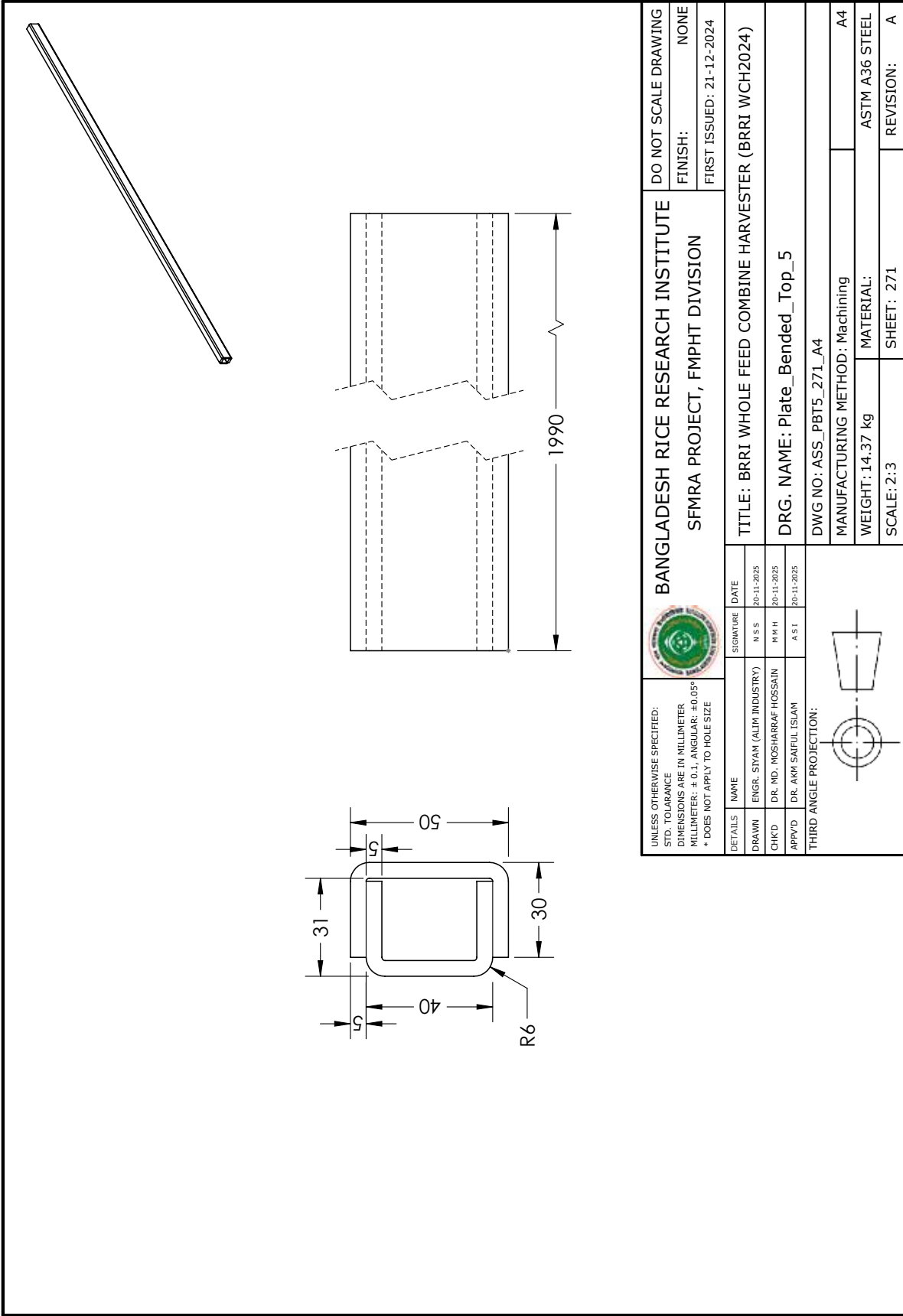


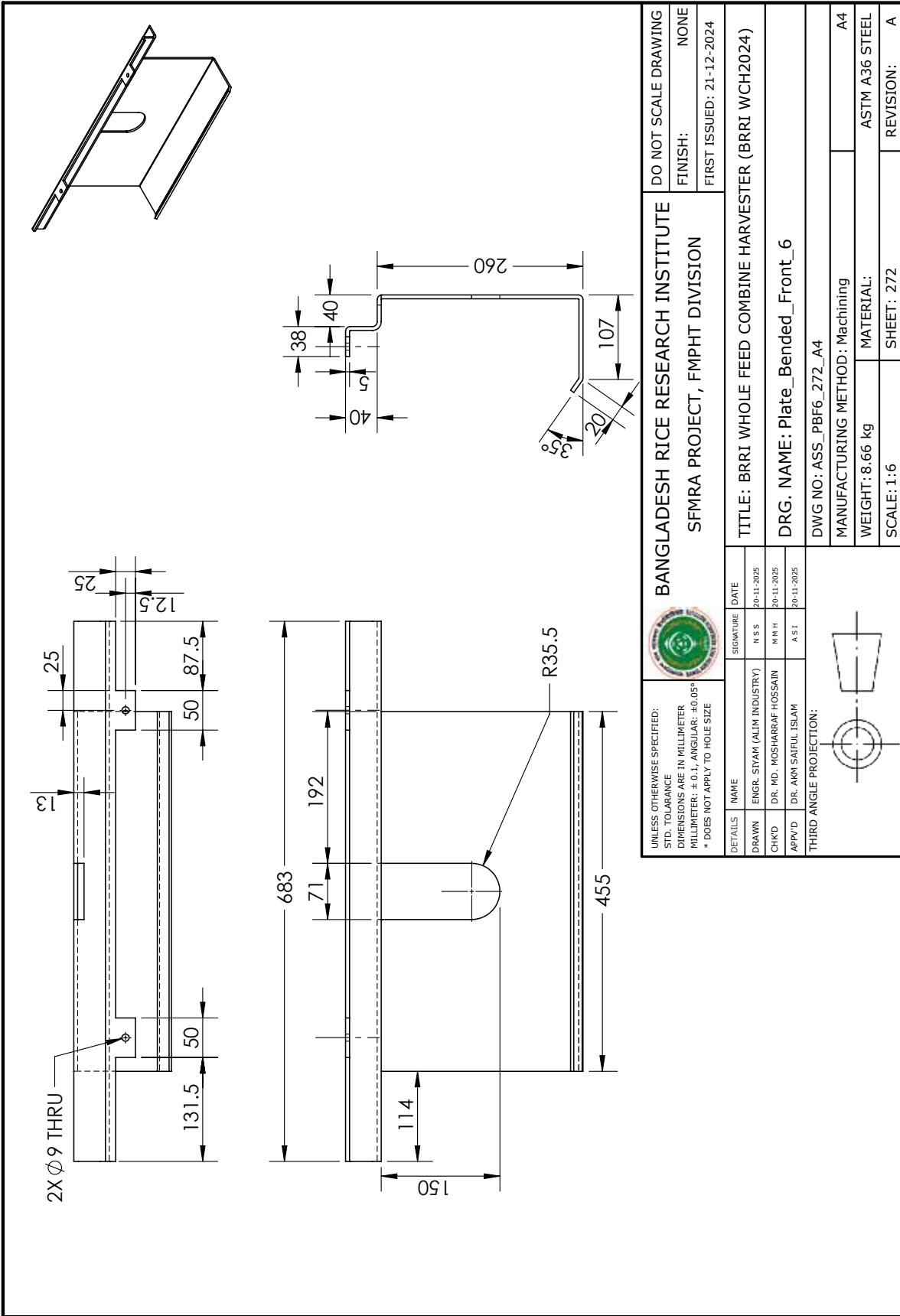


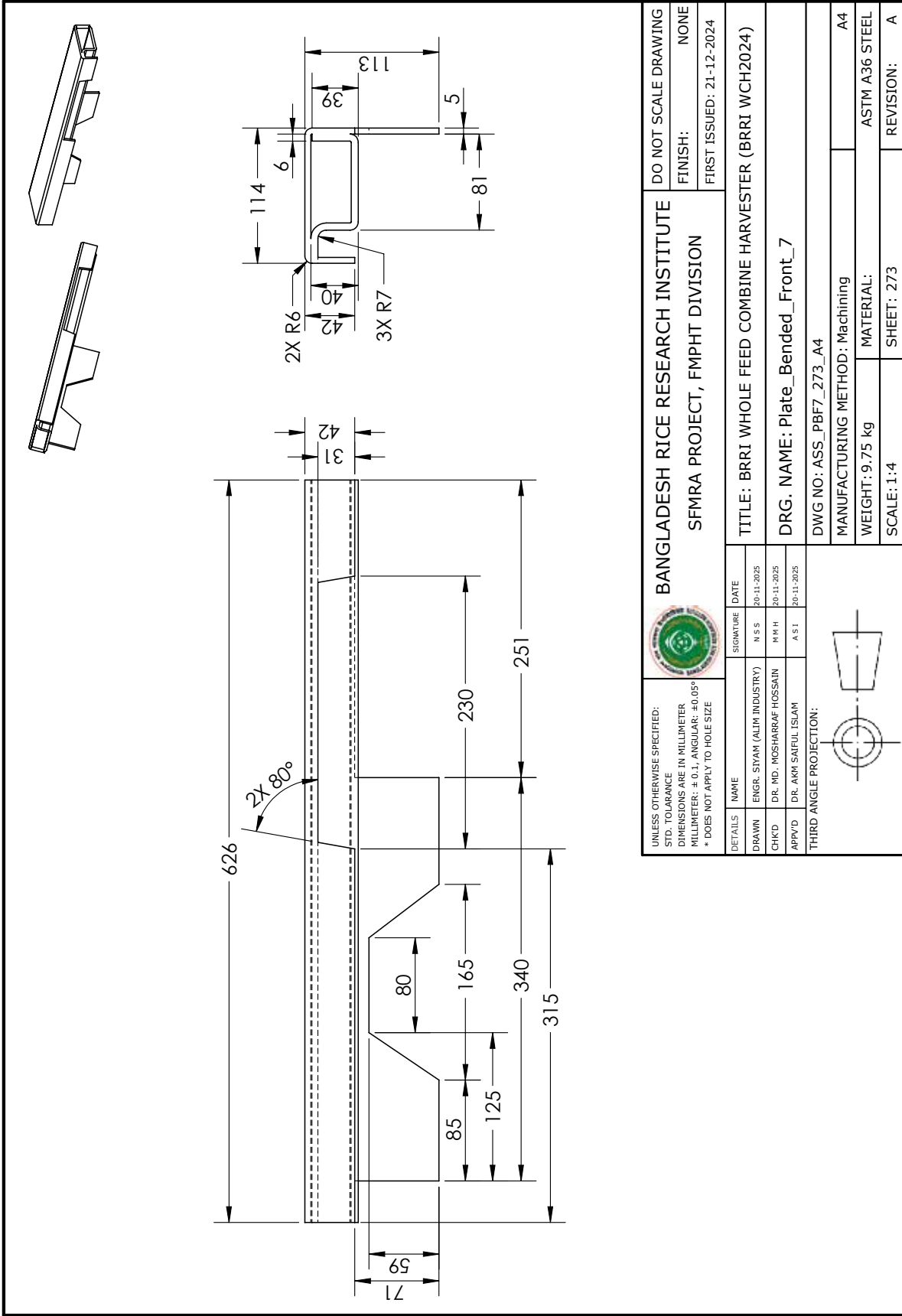



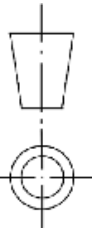


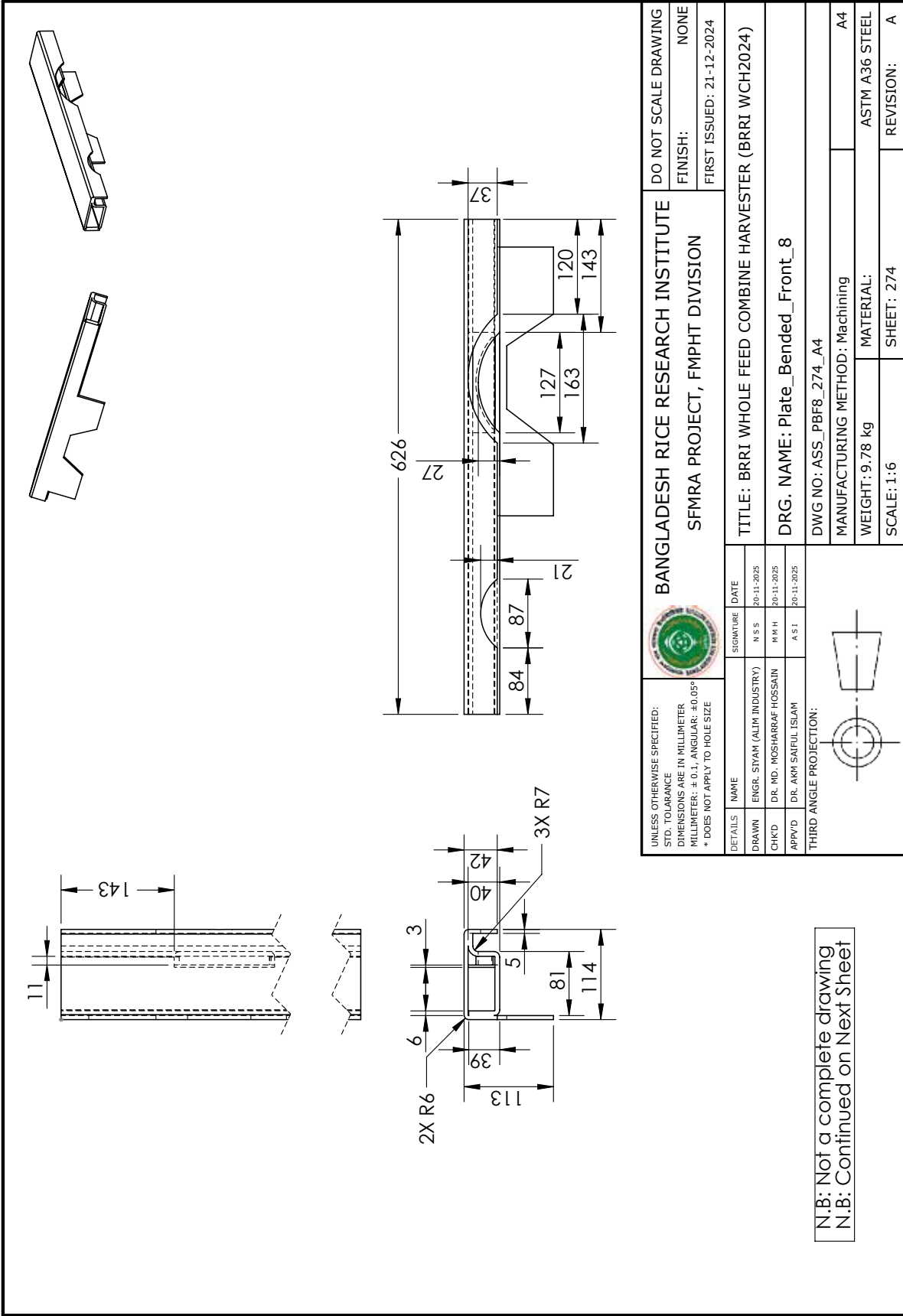
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	DRG. NAME: Plate_Bended_Front_4			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	20-11-2025	DWG NO: ASS_PBF4_270_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:				WEIGHT: 761.88 grams			
				MATERIAL: ASTM A36 STEEL			
				SCALE: 1:1			
				SHEET: 270			
				REVISION: A			



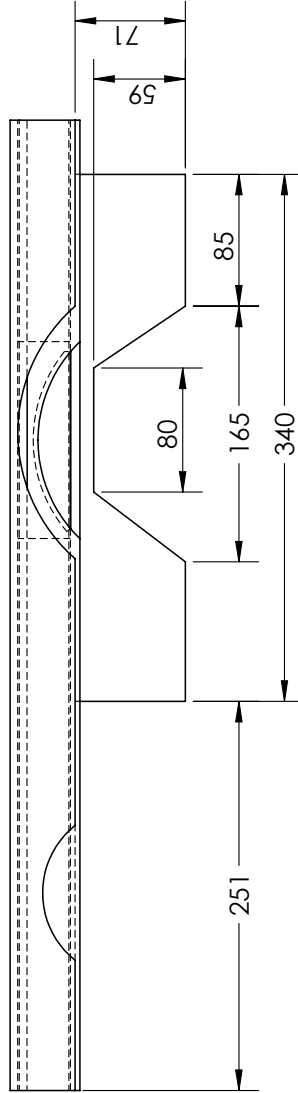



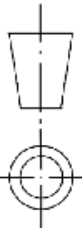


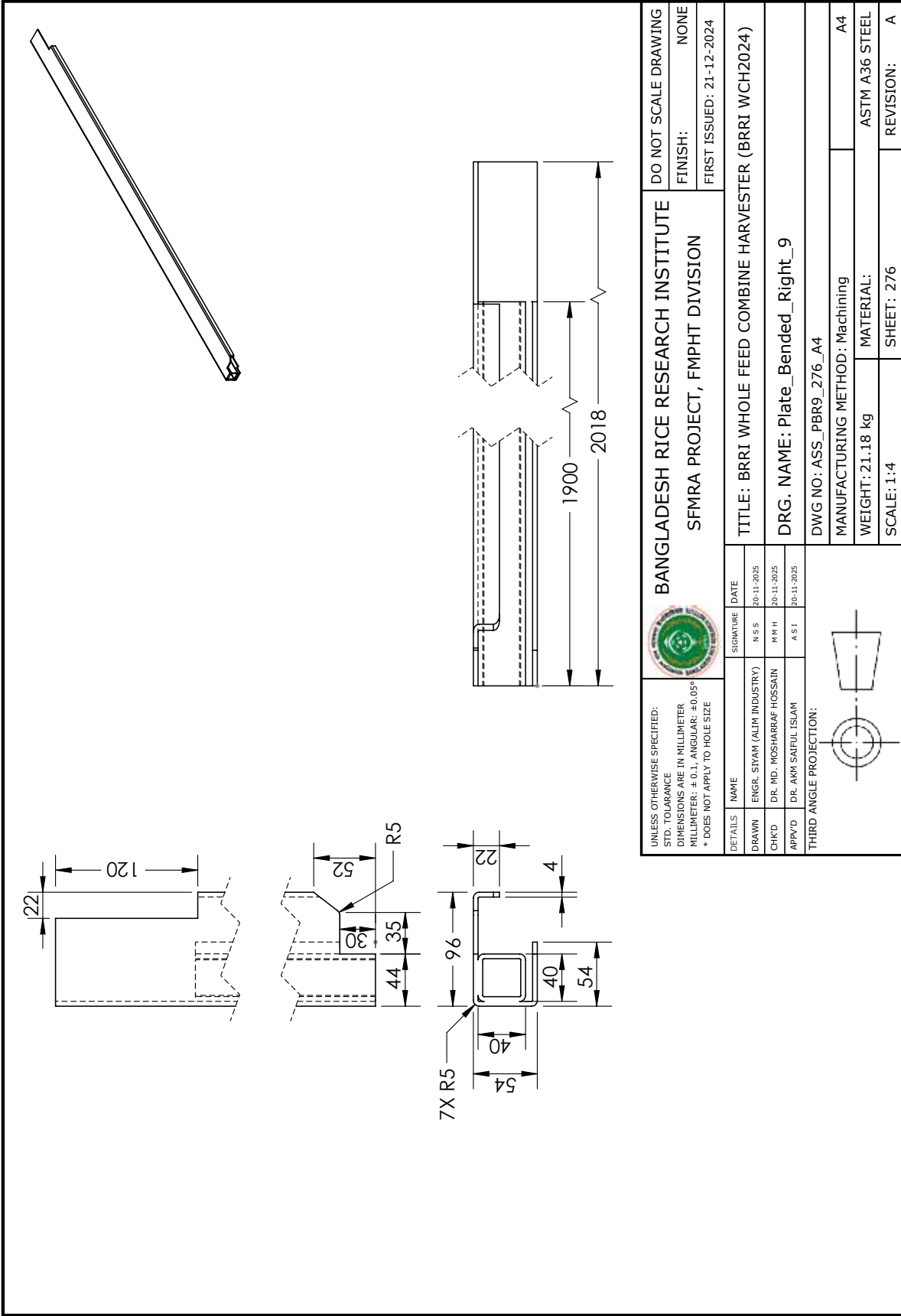
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	DRG. NAME: Plate_Bended_Front_7			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	20-11-2025	DWG NO: ASS_PBF7_273_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:				WEIGHT: 9.75 kg			
				MATERIAL: ASTM A36 STEEL			
				SCALE: 1:4			
				SHEET: 273			
				REVISION: A			

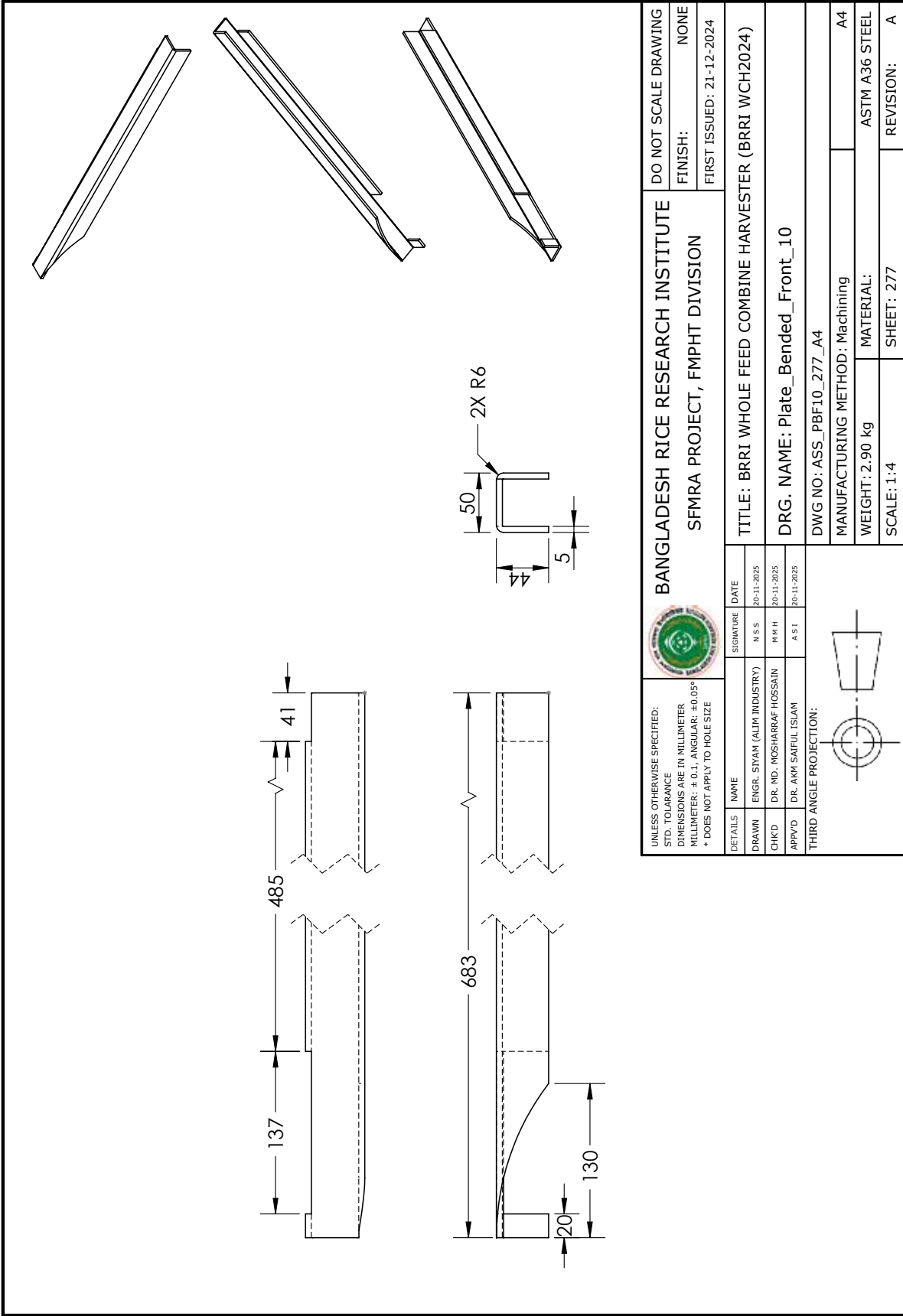


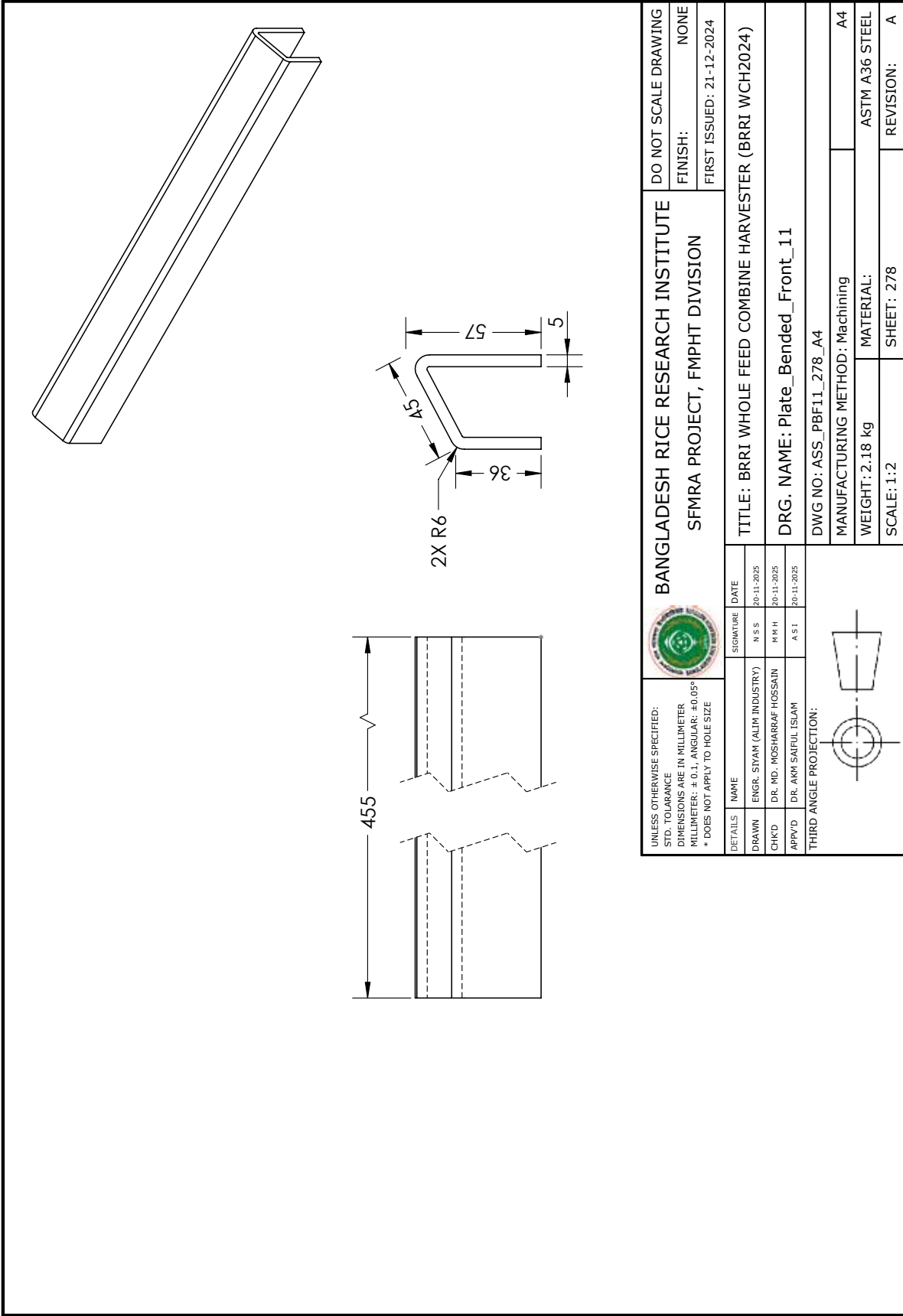
RIGHT VIEW


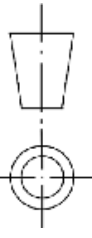


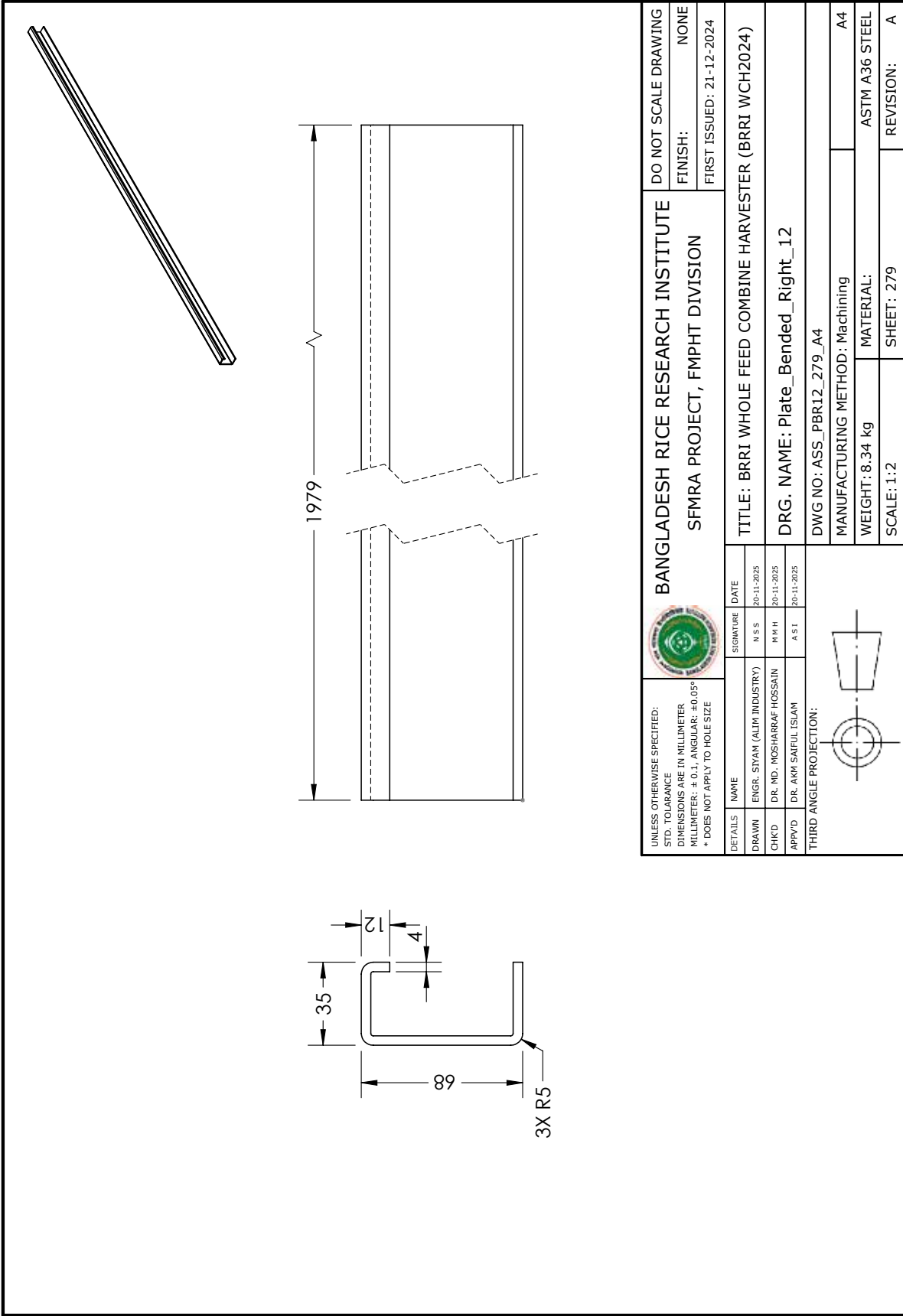
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	DRG. NAME: Plate_Bended_Front_8			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	20-11-2025	DWG NO: ASS_PBF8_275_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:				WEIGHT: 9.78 kg			
				MATERIAL: ASTM A36 STEEL			
				SCALE: 1:4			
				SHEET: 275			
				REVISION: A			


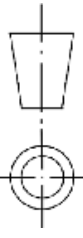


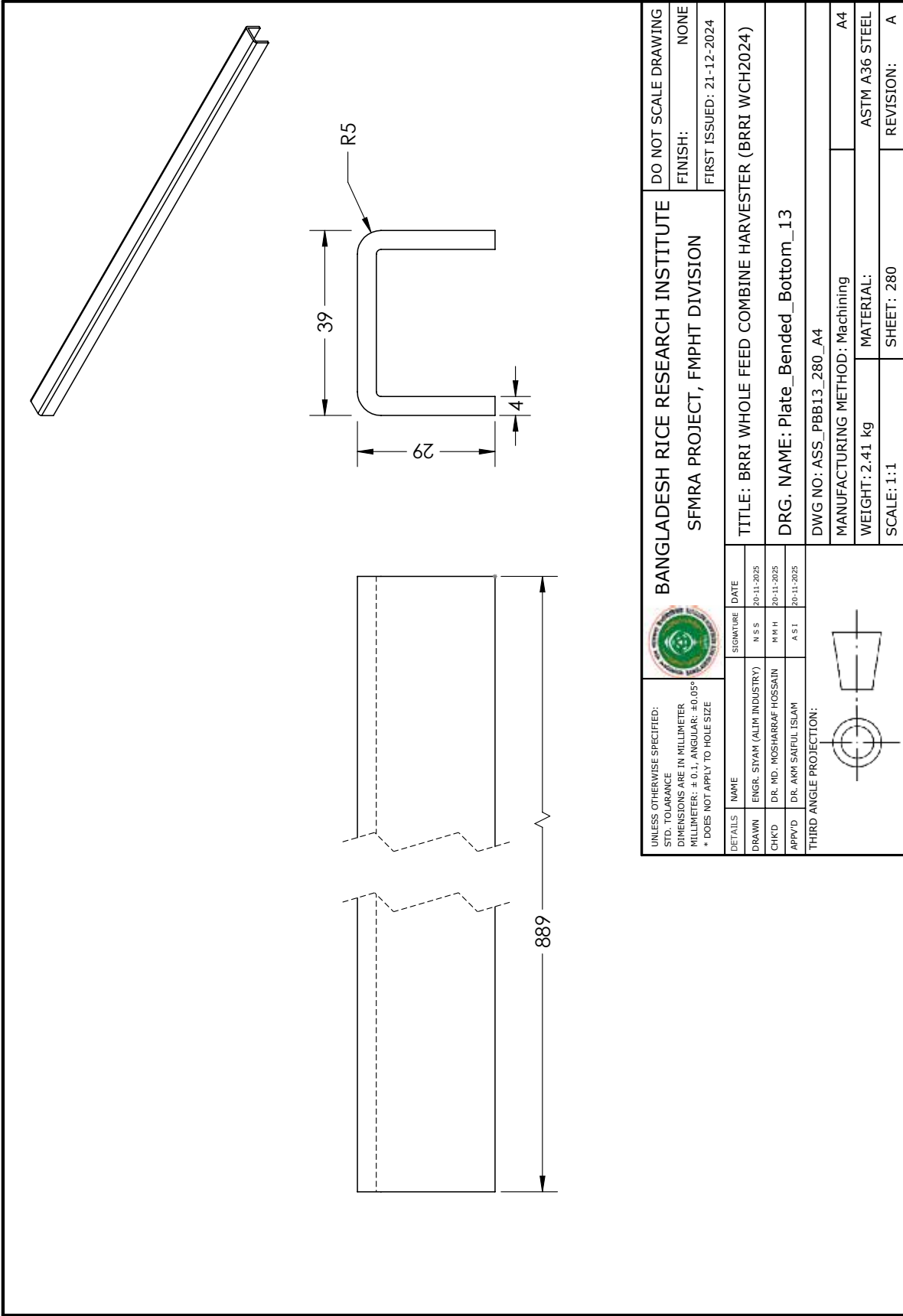



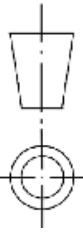


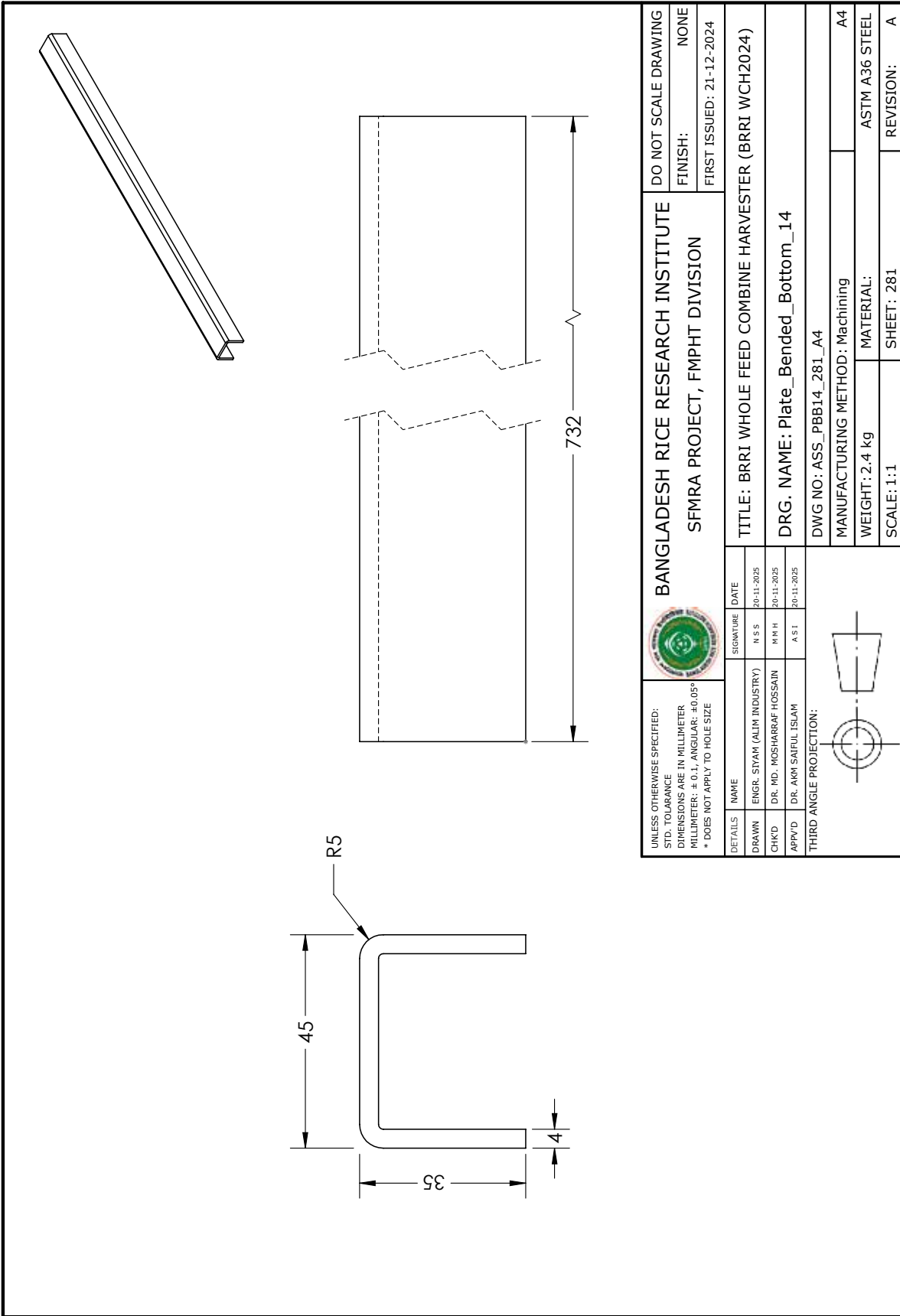
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	DRG. NAME: Plate_Bended_Front_11			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	20-11-2025	DWG NO: ASS_PBF11_278_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:				WEIGHT: 2.18 kg			
				MATERIAL: ASTM A36 STEEL			
				SCALE: 1:2			
				SHEET: 278			
				REVISION: A			


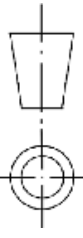


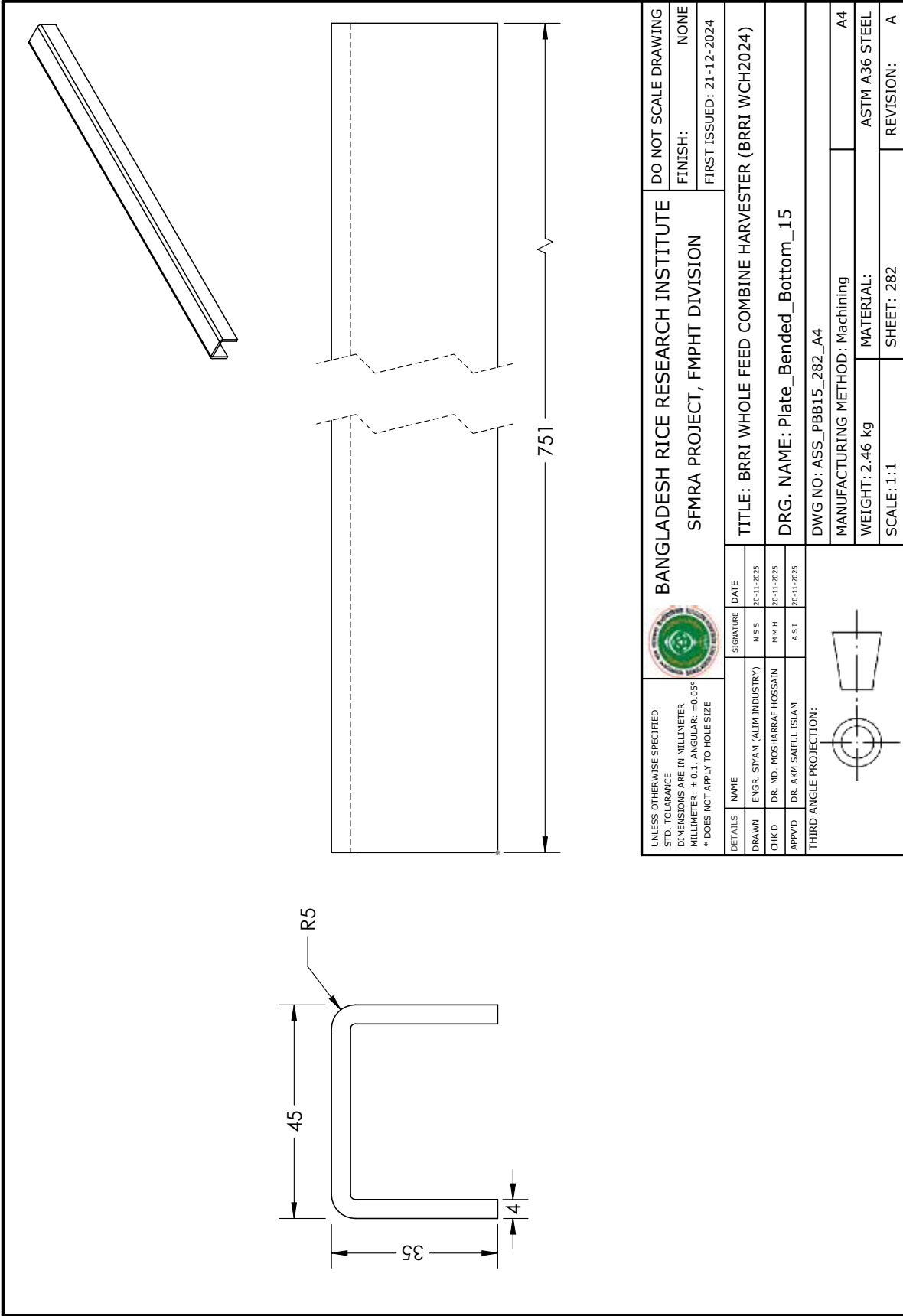
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	DRG. NAME: Plate_Bended_Right_12			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	20-11-2025	DWG NO: ASS_PBR12_279_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:				WEIGHT: 8.34 kg			
				MATERIAL: ASTM A36 STEEL			
				SCALE: 1:2			
				SHEET: 279			
				REVISION: A			


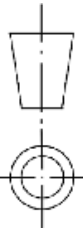


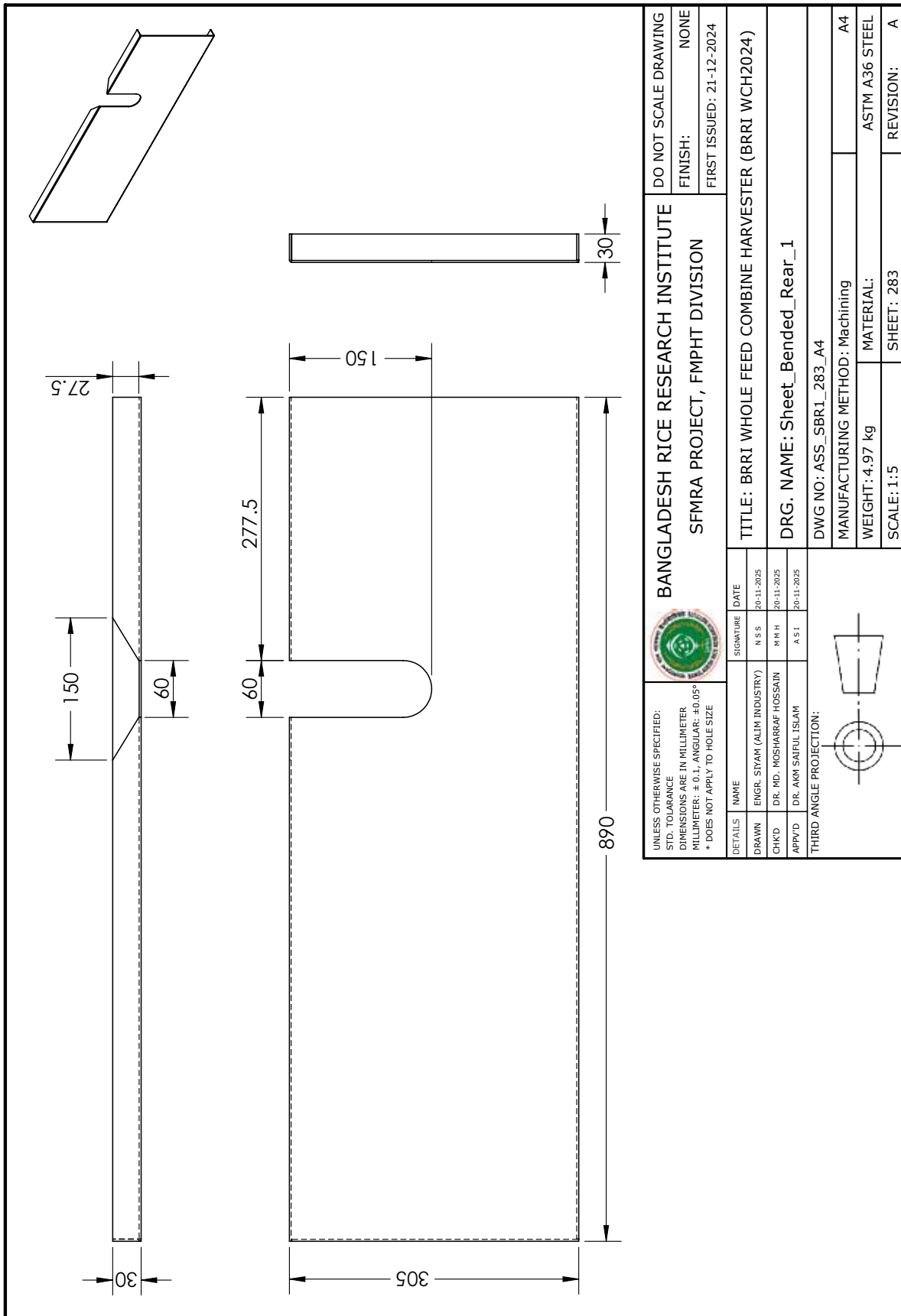
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	DRG. NAME: Plate_Bended_Bottom_13			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	20-11-2025	DWG NO: ASS_PBB13_280_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:				WEIGHT: 2.41 kg			
				MATERIAL: ASTM A36 STEEL			
				SCALE: 1:1			
				SHEET: 280			
				REVISION: A			


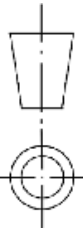


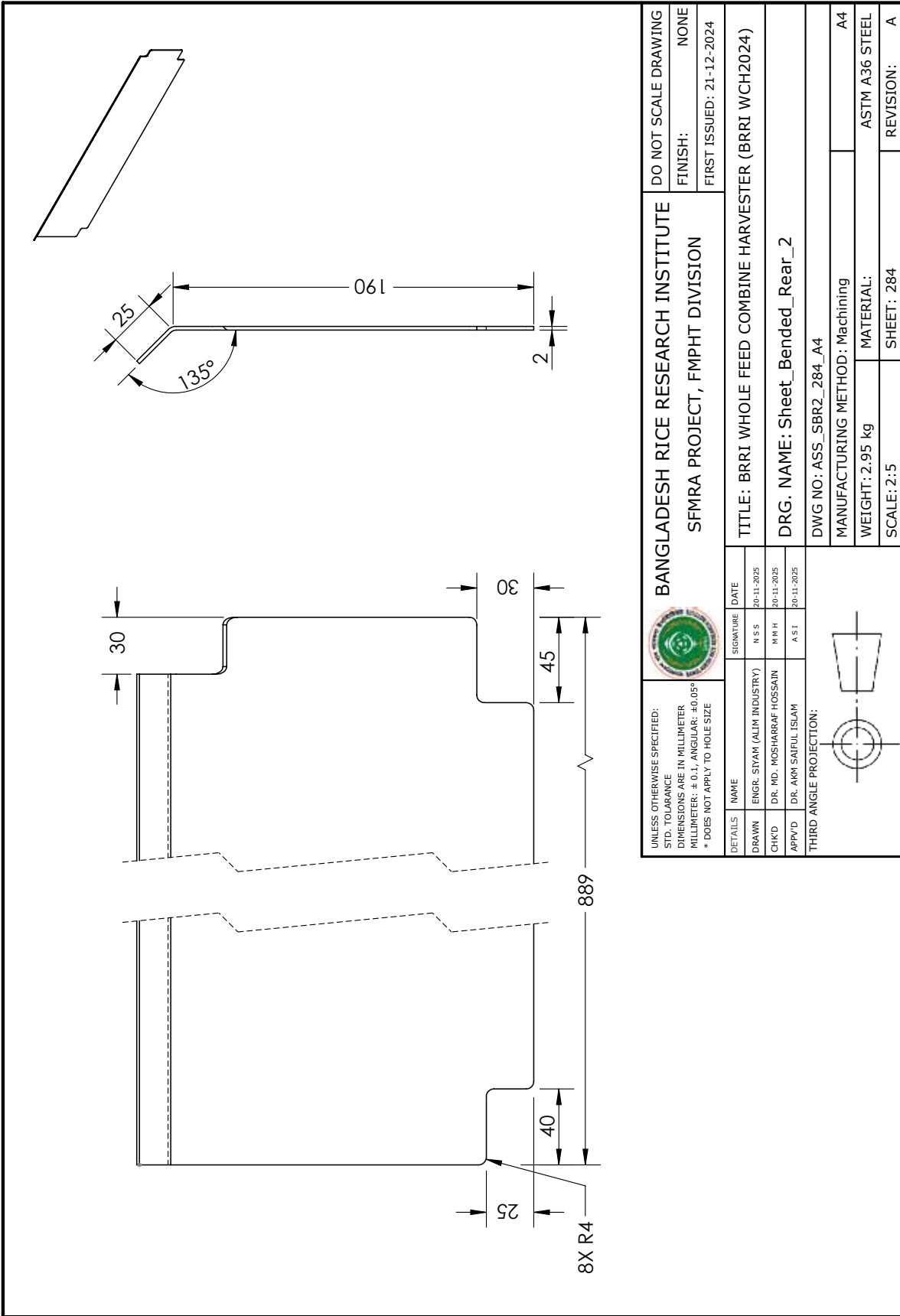
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE		 BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING
DETAILS		SIGNATURE	DATE	FINISH: NONE
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	FIRST ISSUED: 21-12-2024
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	20-11-2025	
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	
THIRD ANGLE PROJECTION:		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)		
		DRG. NAME: Plate_Bended_Bottom_14		
		DWG NO: ASS_PBB14_281_A4		
		MANUFACTURING METHOD: Machining		
		WEIGHT: 2.4 kg		
		MATERIAL: ASTM A36 STEEL		
		SCALE: 1:1		
		SHEET: 281		
		REVISION: A		

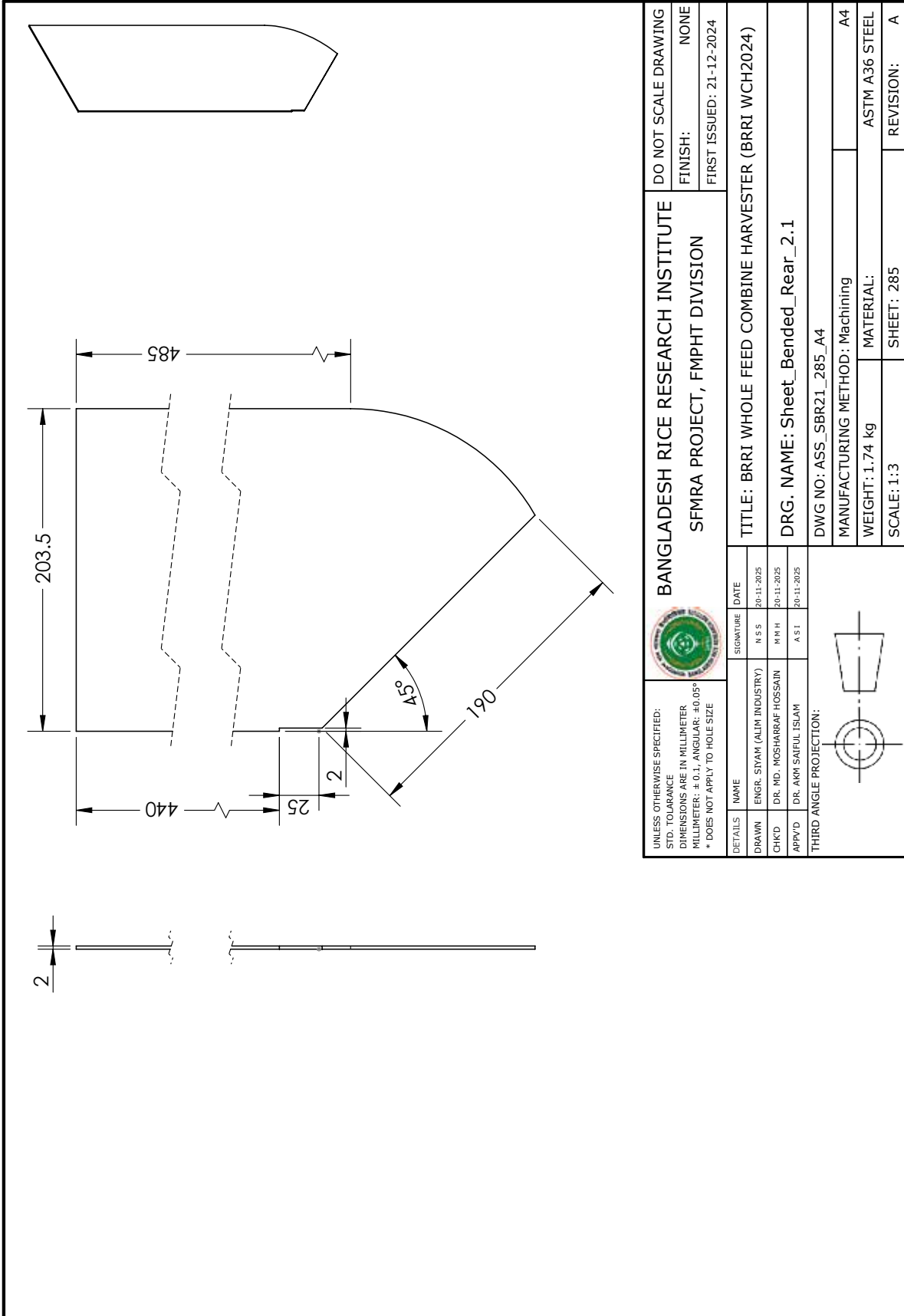


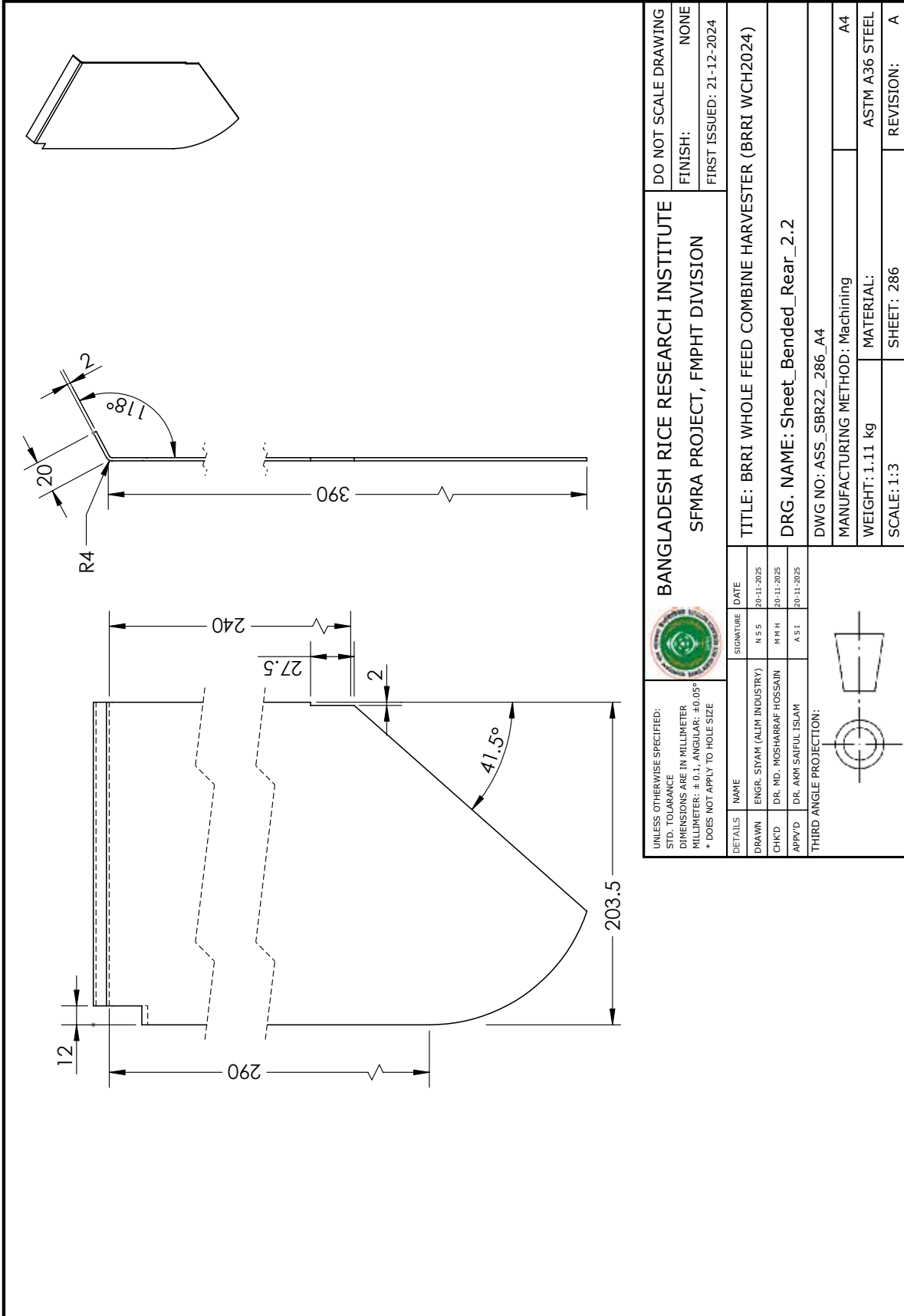
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	DRG. NAME: Plate_Bended_Bottom_15			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	20-11-2025	DWG NO: ASS_PBB15_282_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:						WEIGHT: 2.46 kg	
				SCALE: 1:1		MATERIAL: ASTM A36 STEEL	
						REVISION: A	

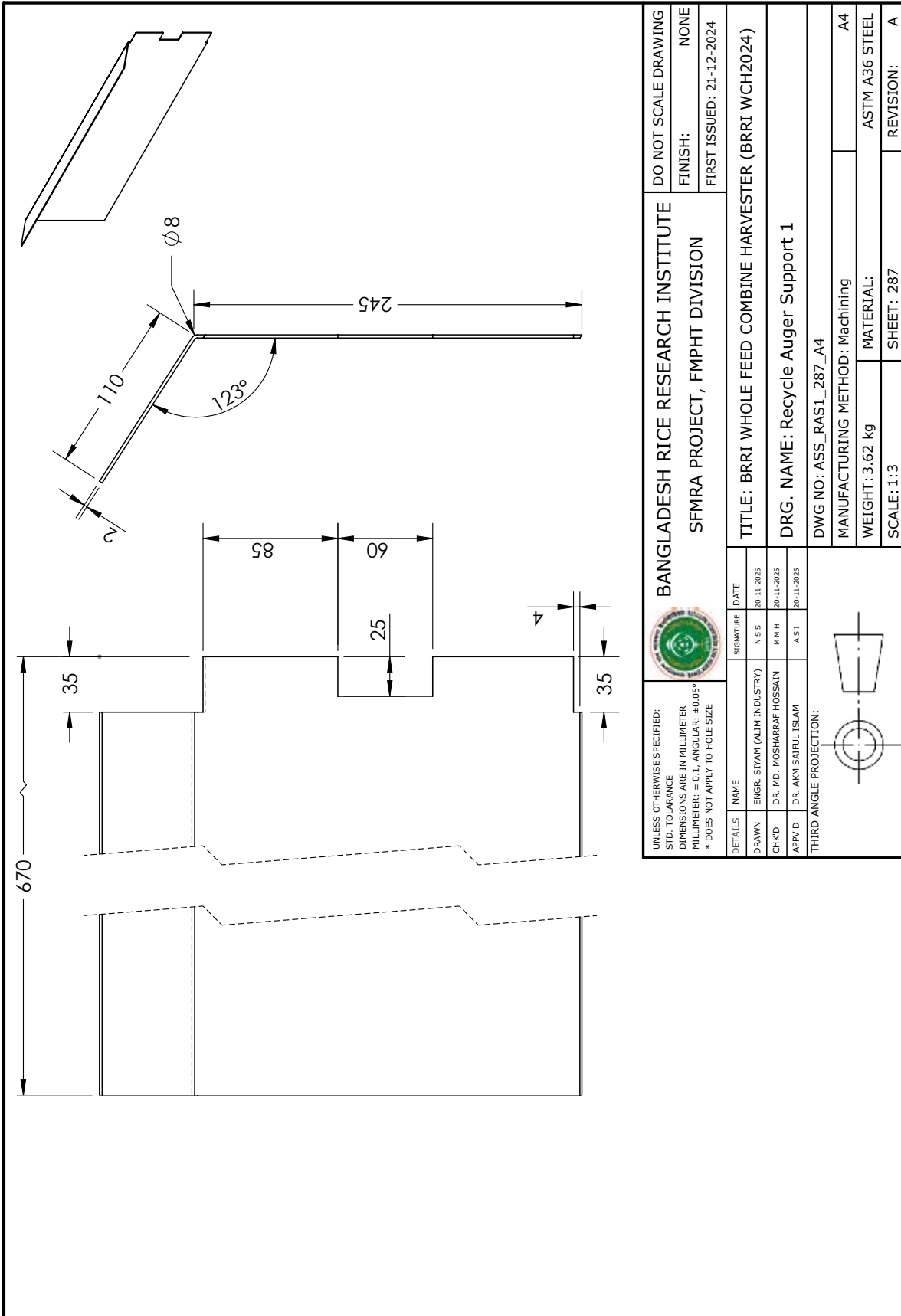


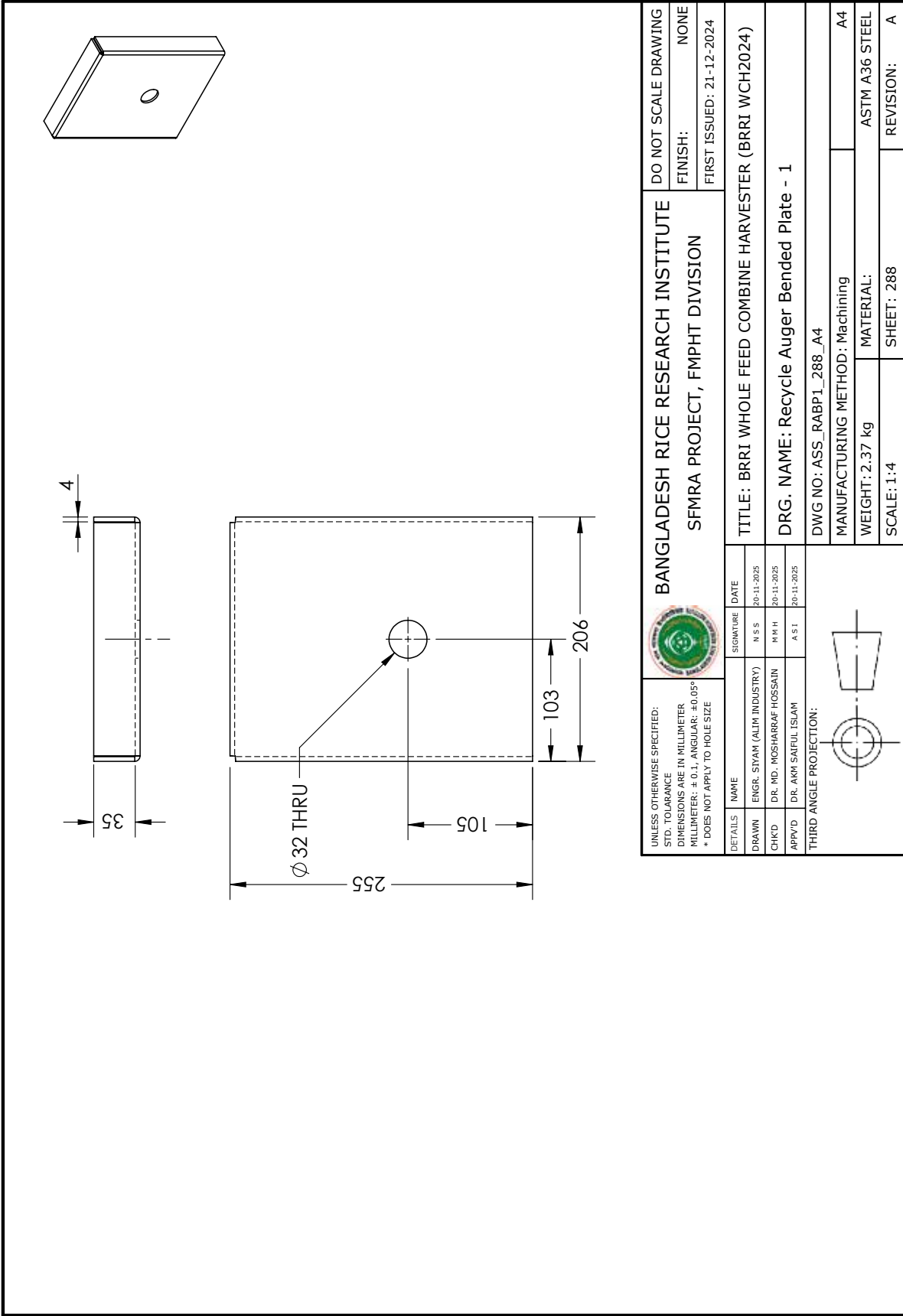
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE		 BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING
DETAILS		SIGNATURE	DATE	FINISH: NONE
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	FIRST ISSUED: 21-12-2024
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	20-11-2025	
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	
THIRD ANGLE PROJECTION:				
		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)		
		DRG. NAME: Sheet_Bended_Rear_1		
		DWG NO: ASS_SBR1_283_A4		
		MANUFACTURING METHOD: Machining		
		WEIGHT: 4.97 kg		
		MATERIAL: ASTM A36 STEEL		
		SCALE: 1:5		
		SHEET: 283		
		REVISION: A		

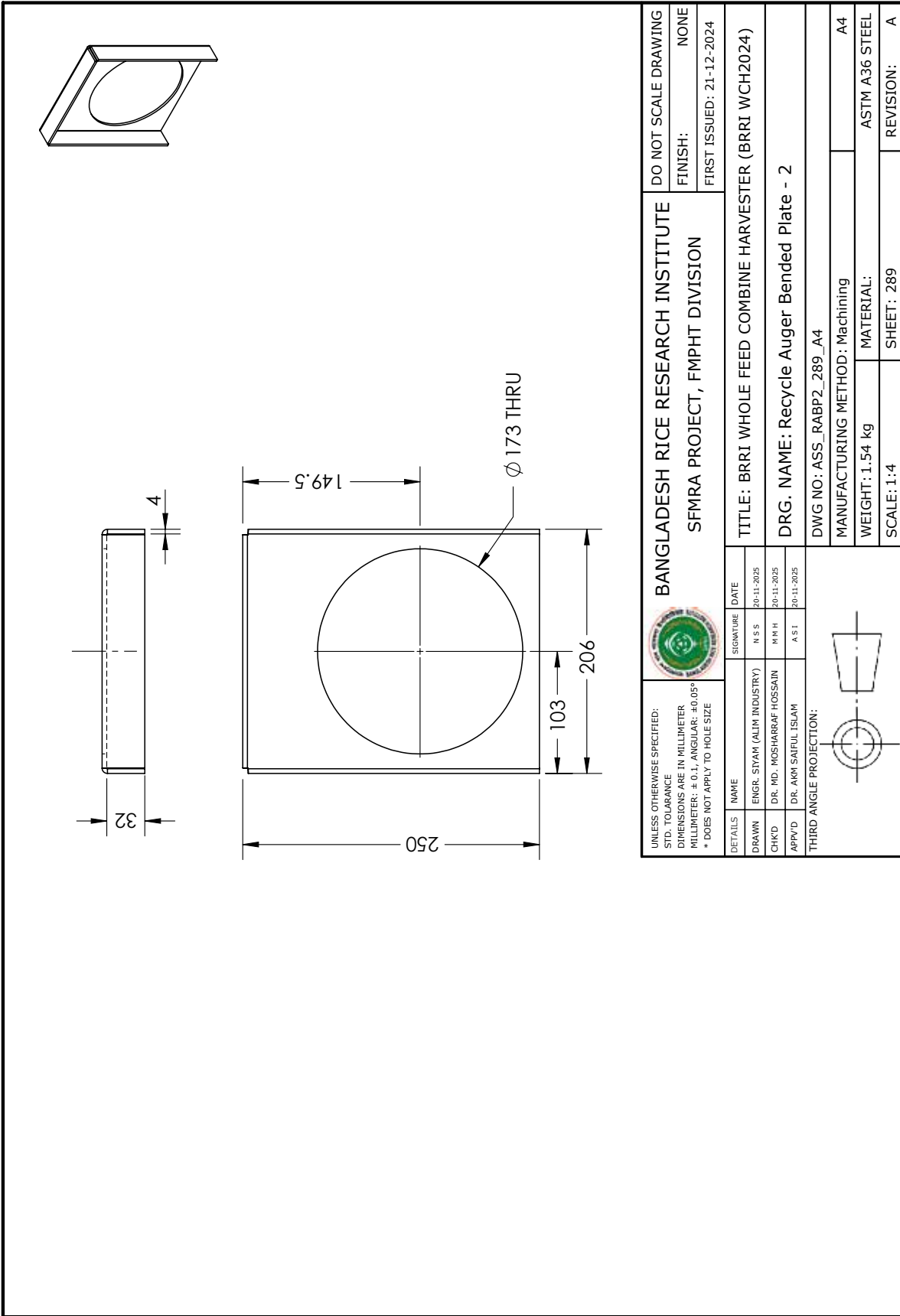



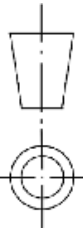


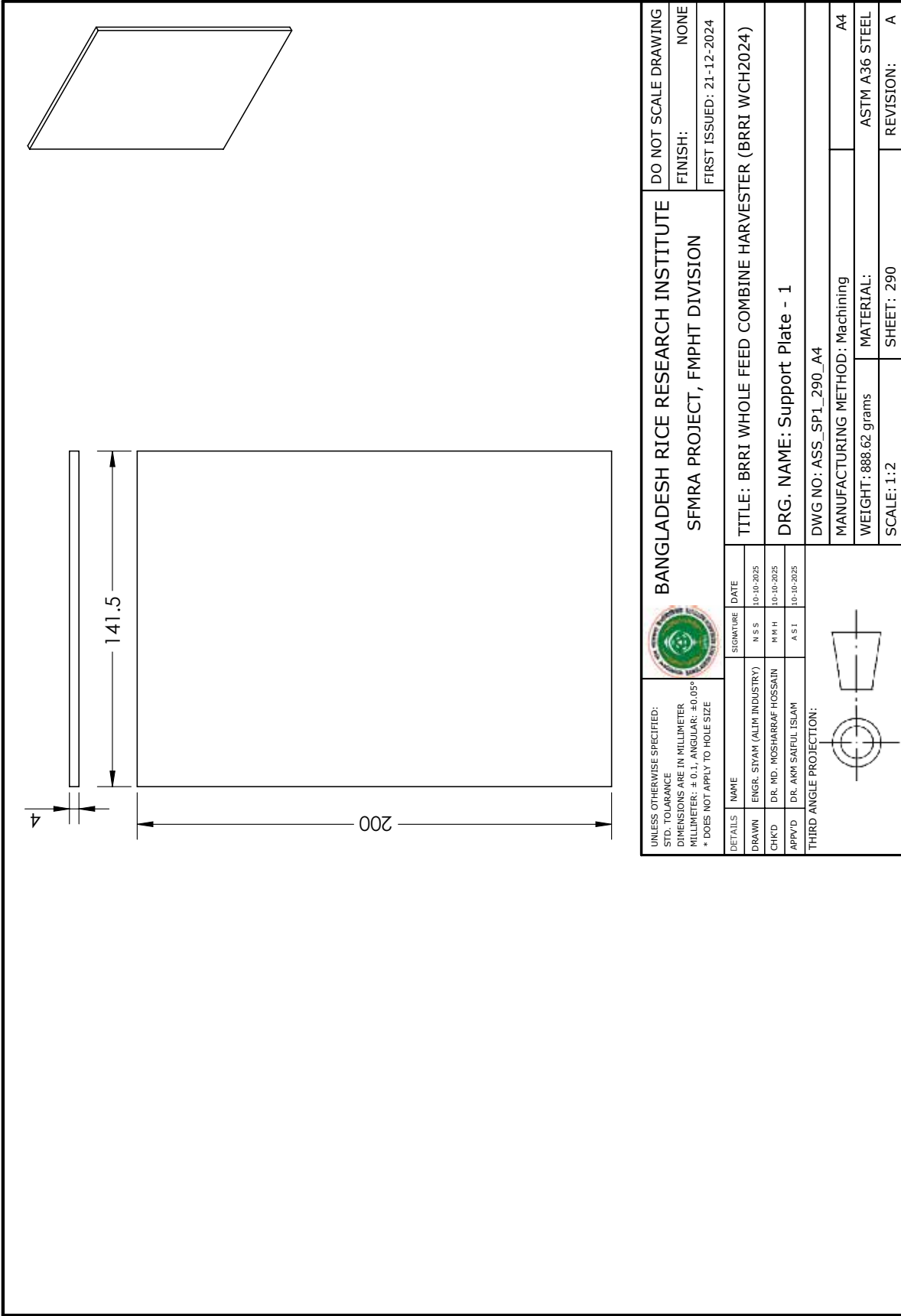



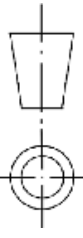


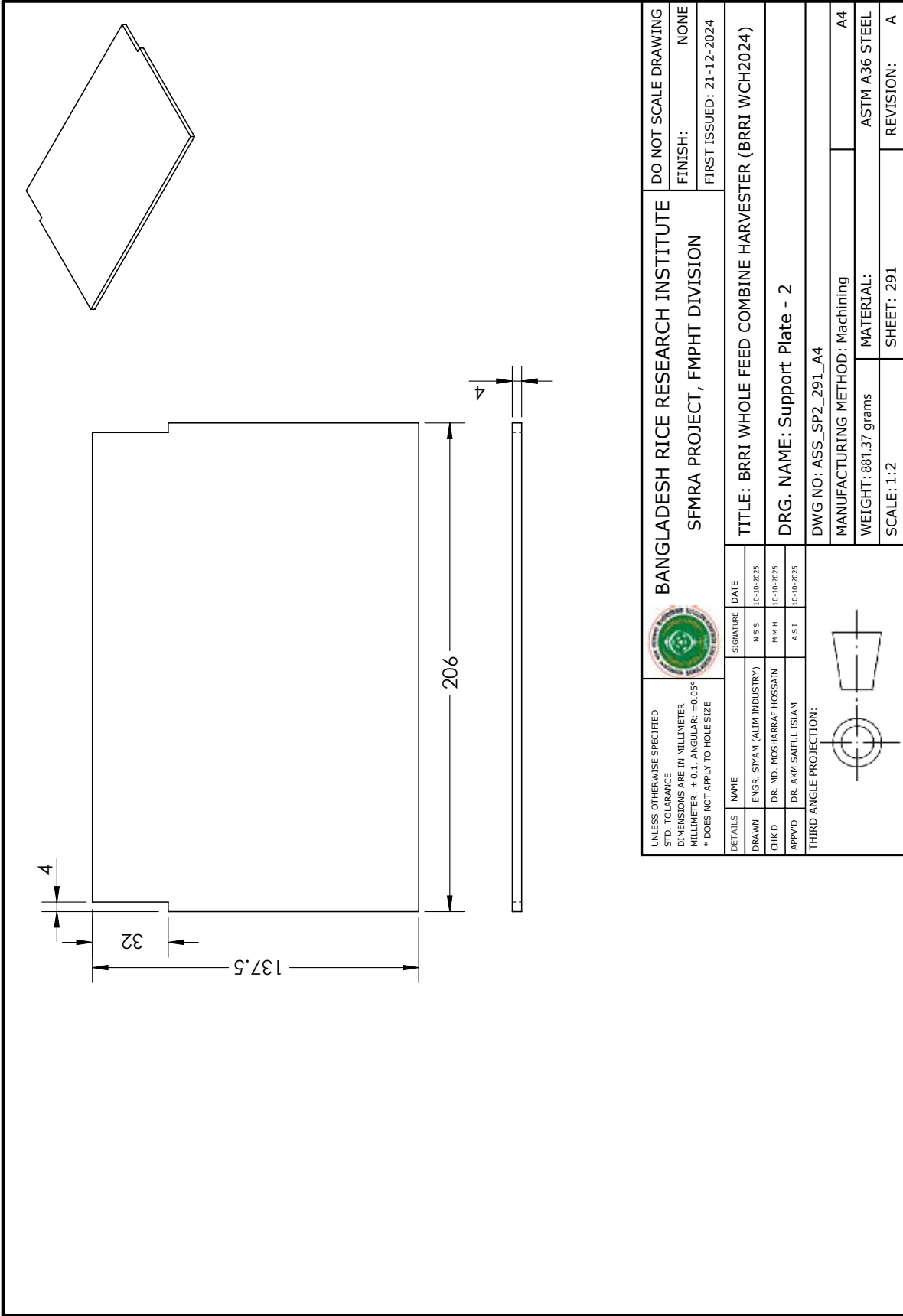



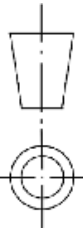


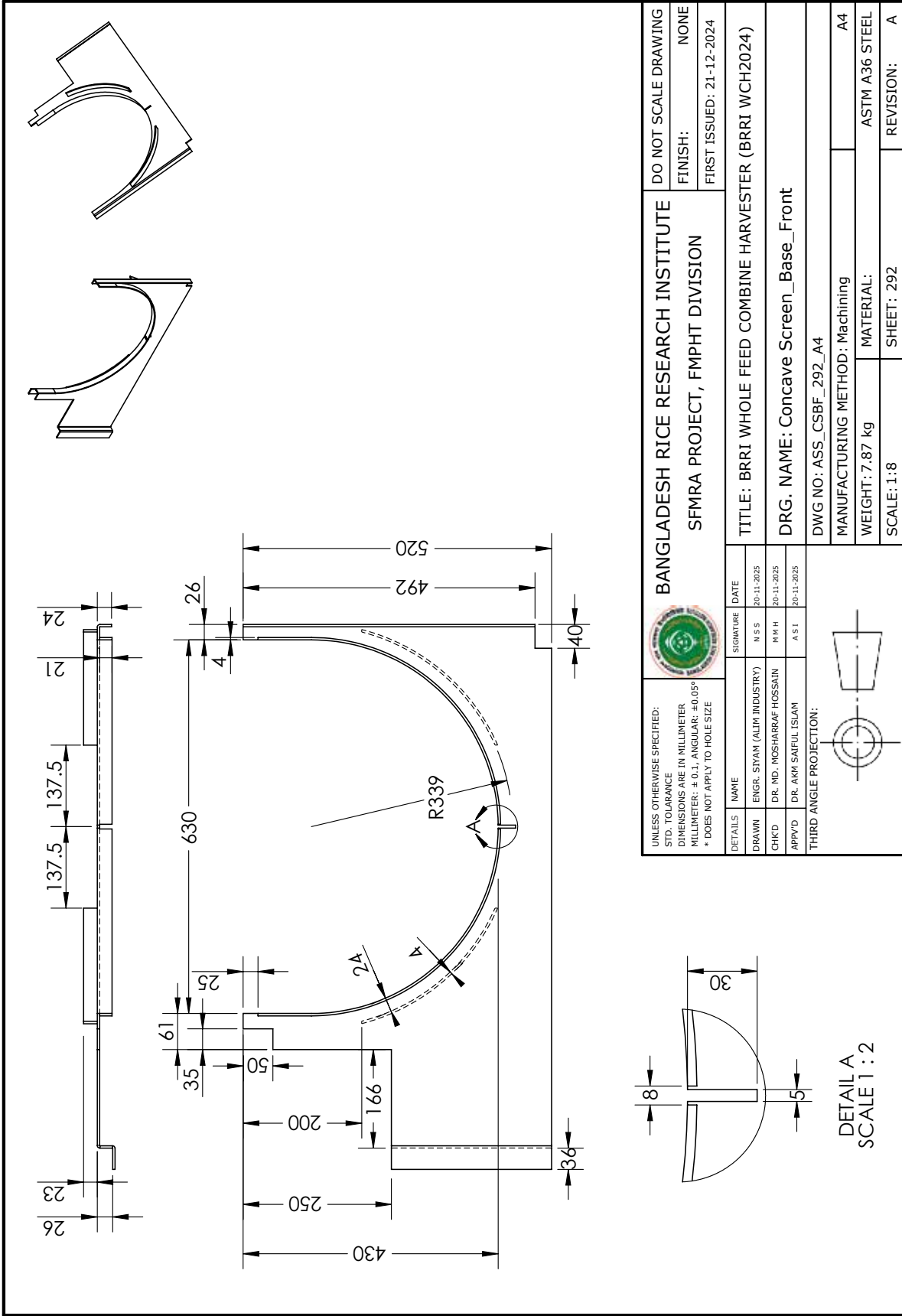
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	DRG. NAME: Recycle Auger Bended Plate - 2			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	20-11-2025	DWG NO: ASS_RABP2_289_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:				WEIGHT: 1.54 kg			
				MATERIAL: ASTM A36 STEEL			
				SCALE: 1:4			
				SHEET: 289			
				REVISION: A			


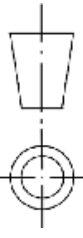


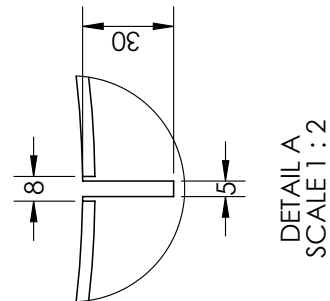
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1 ; ANGULAR: $\pm 0.05^\circ$ * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	10-10-2025	DRG. NAME: Support Plate - 1			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	10-10-2025	DWG NO.: ASS_SP1_290_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	10-10-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:				WEIGHT: 888.62 grams			
				MATERIAL: ASTM A36 STEEL			
				SCALE: 1:2			
				SHEET: 290			
				REVISION: A			

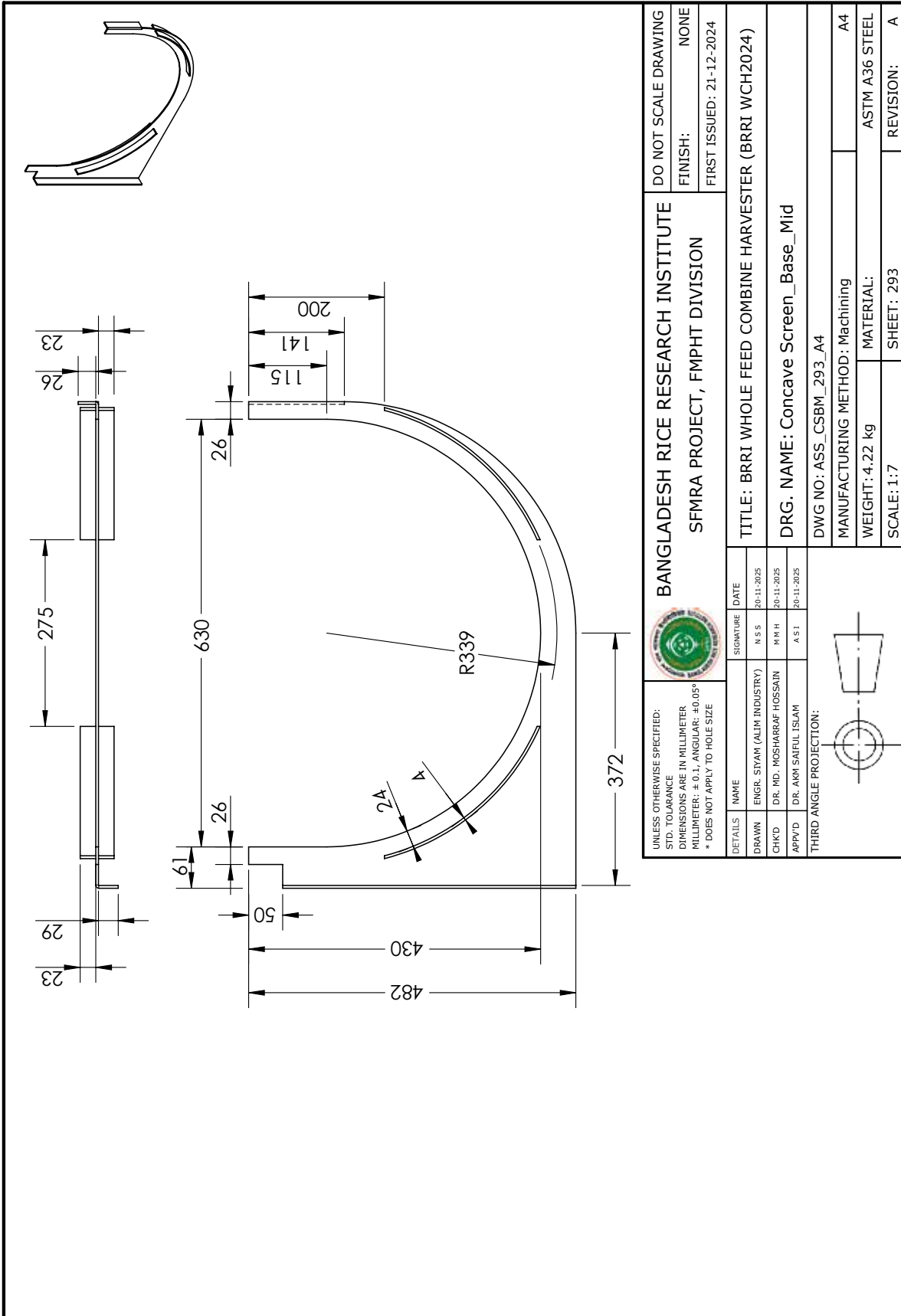



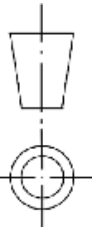
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1 ; ANGULAR: $\pm 0.05^\circ$ * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	10-10-2025	DRG. NAME: Support Plate - 2			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M H H	10-10-2025	DWG NO.: ASS_SP2_291_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	10-10-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:							
				WEIGHT: 881.37 grams		MATERIAL: ASTM A36 STEEL	
				SCALE: 1:2		SHEET: 291	
						REVISION: A	

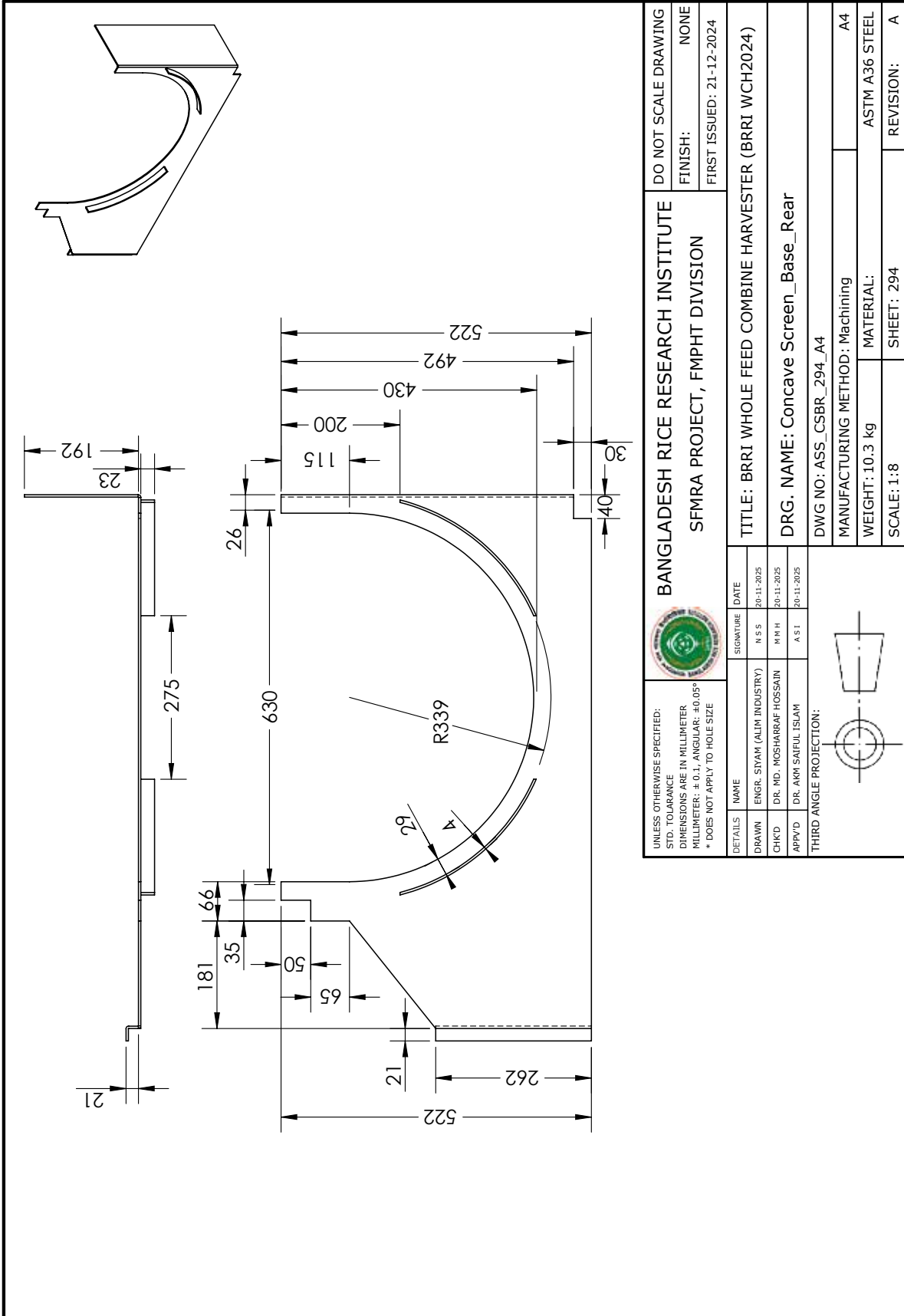



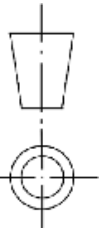
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1, ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	DRG. NAME: Concave Screen_Base_Front			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	20-11-2025	DWG NO: ASS_CSBF_292_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:				WEIGHT: 7.87 kg			
				MATERIAL: ASTM A36 STEEL			
				SCALE: 1:8			
				SHEET: 292			
				REVISION: A			

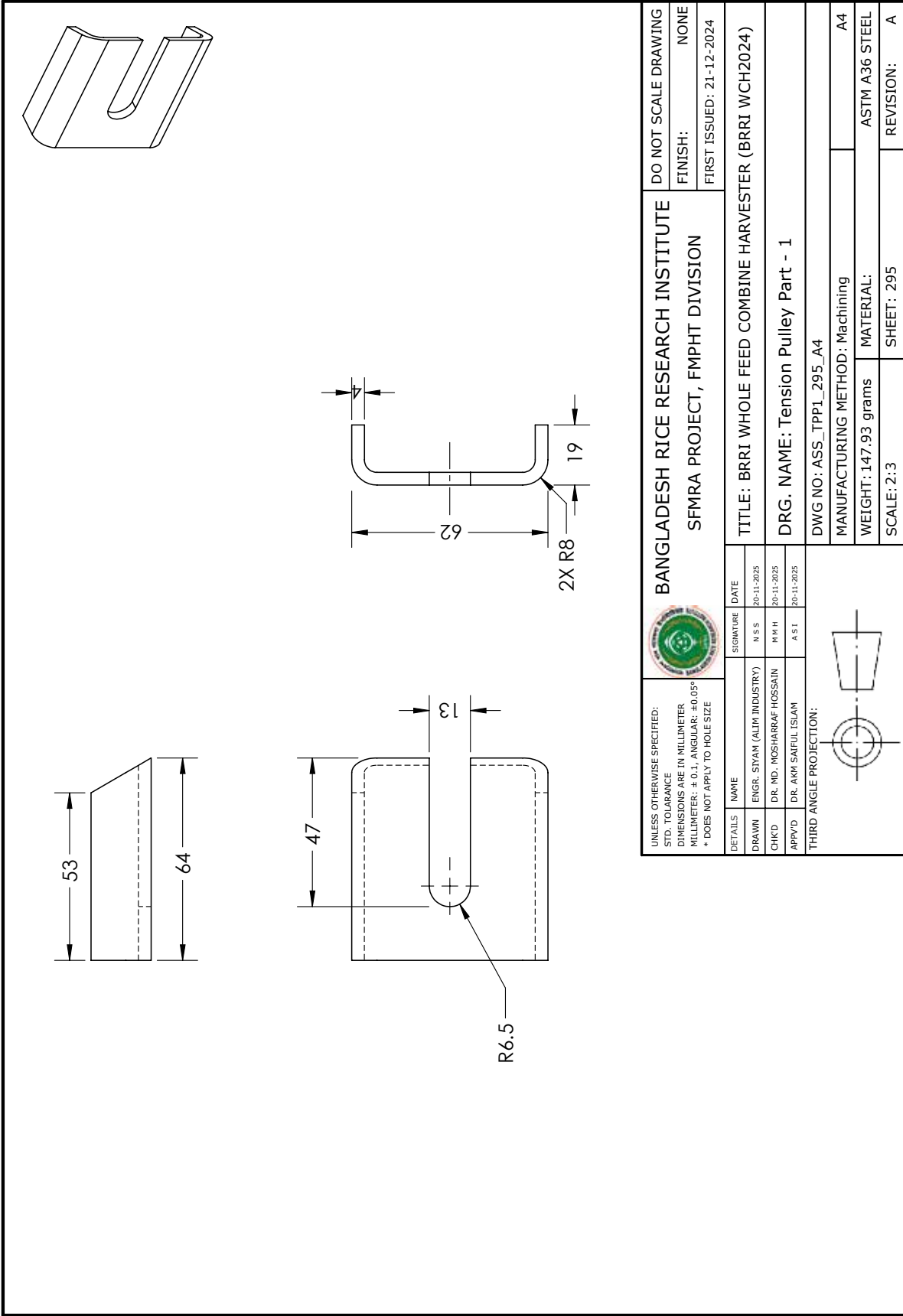


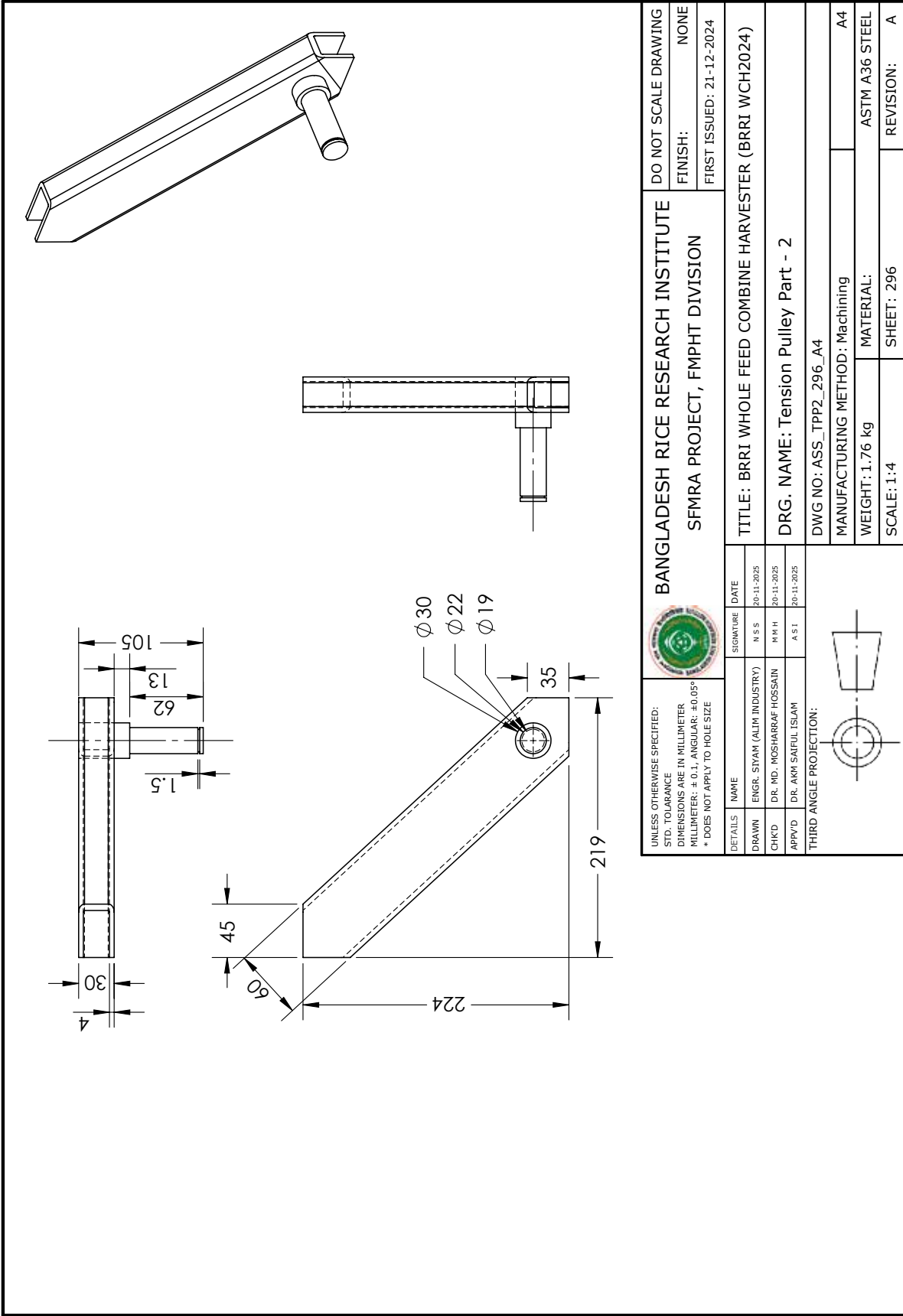


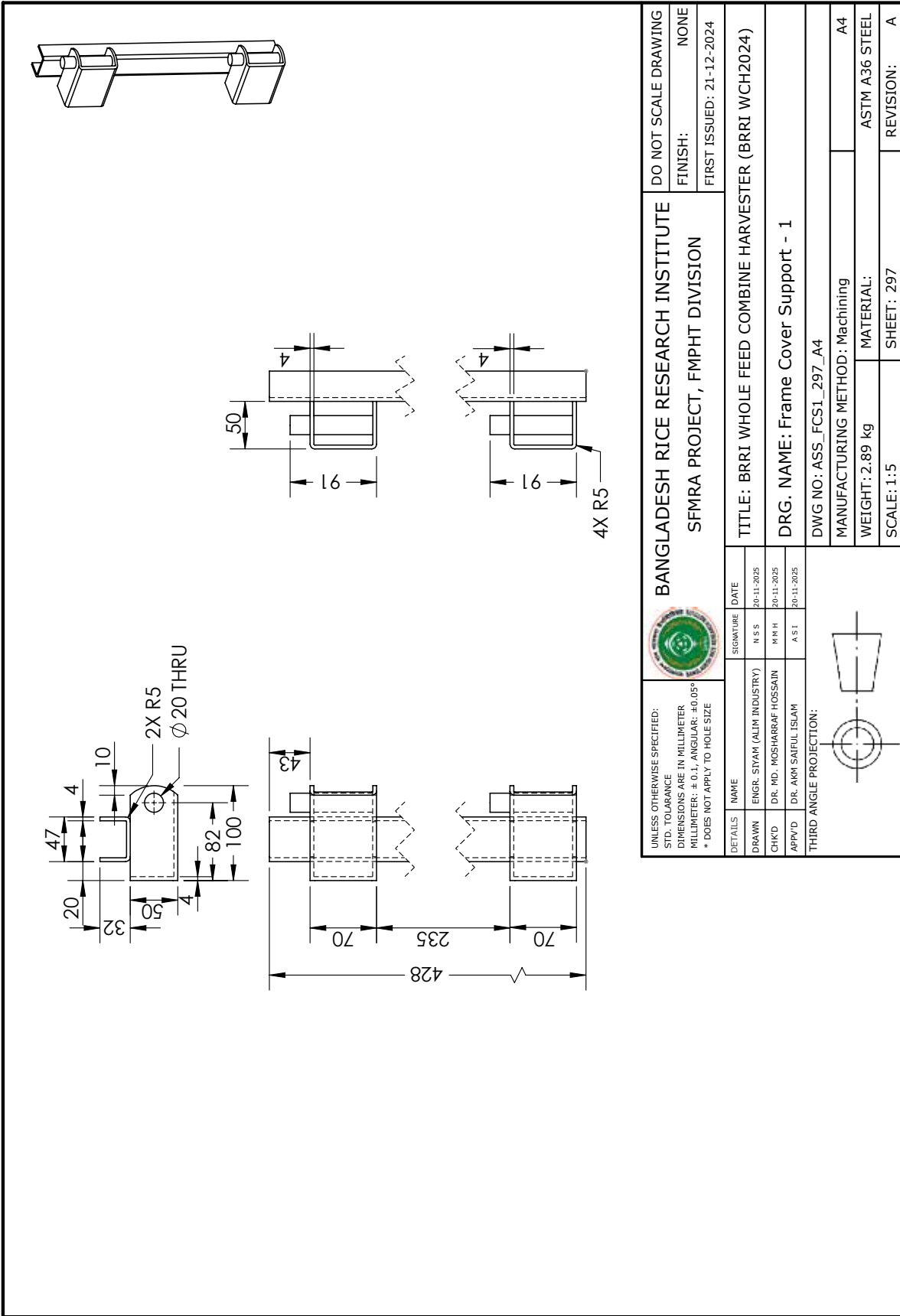
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)		FINISH:	NONE
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	DRG. NAME: Concave Screen_Base_Mid		FIRST ISSUED:	21-12-2024
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	20-11-2025	DWG NO: ASS_CSBM_293_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining		MATERIAL: ASTM A36 STEEL	
THIRD ANGLE PROJECTION:						SCALE: 1:7	
				WEIGHT: 4.22 kg		SHEET: 293	
				REVISION: A			

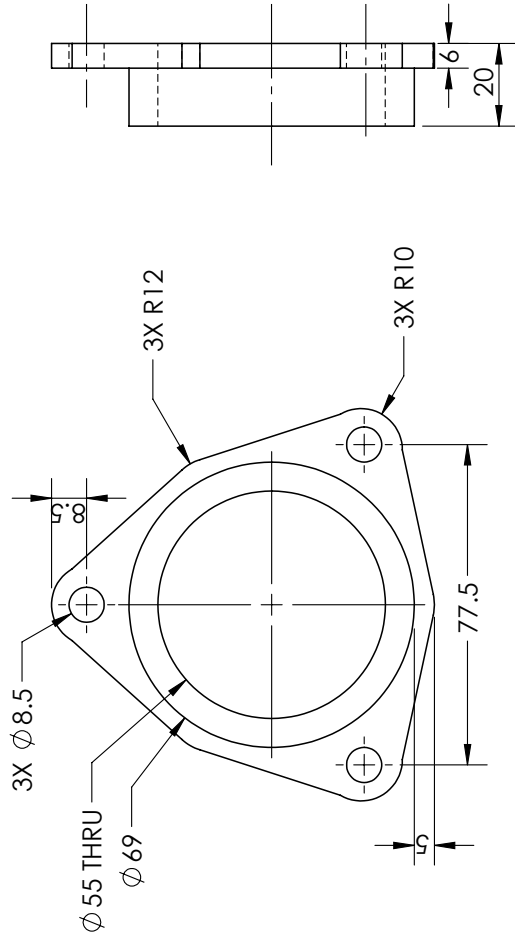
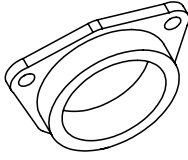



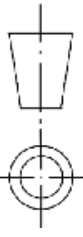
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1, ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	DRG. NAME: Concave Screen_Base_Rear			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M N H	20-11-2025	DWG NO: ASS_CSBR_294_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:						WEIGHT: 10.3 kg MATERIAL: ASTM A36 STEEL	
				SCALE: 1:8 SHEET: 294		REVISION: A	

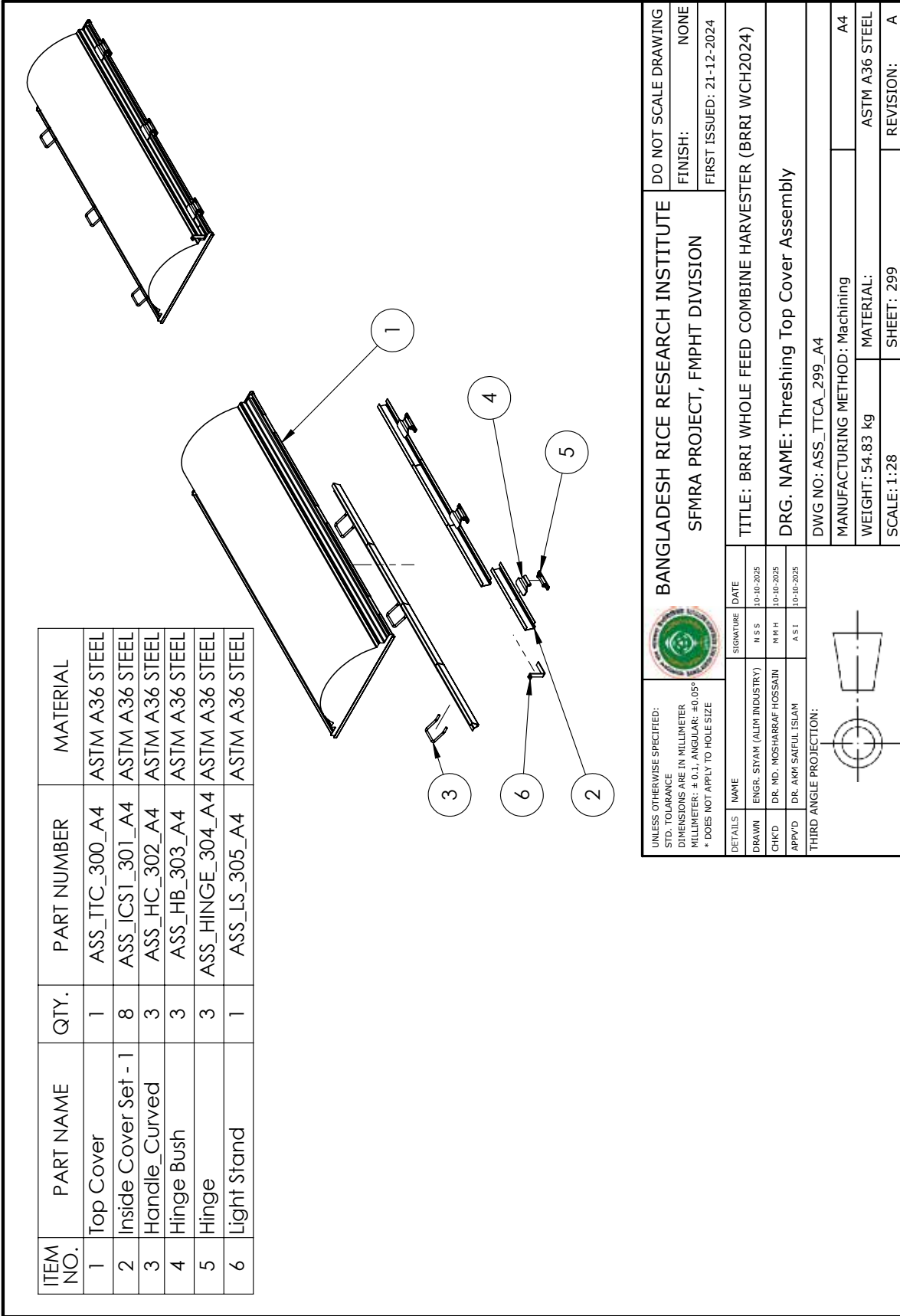


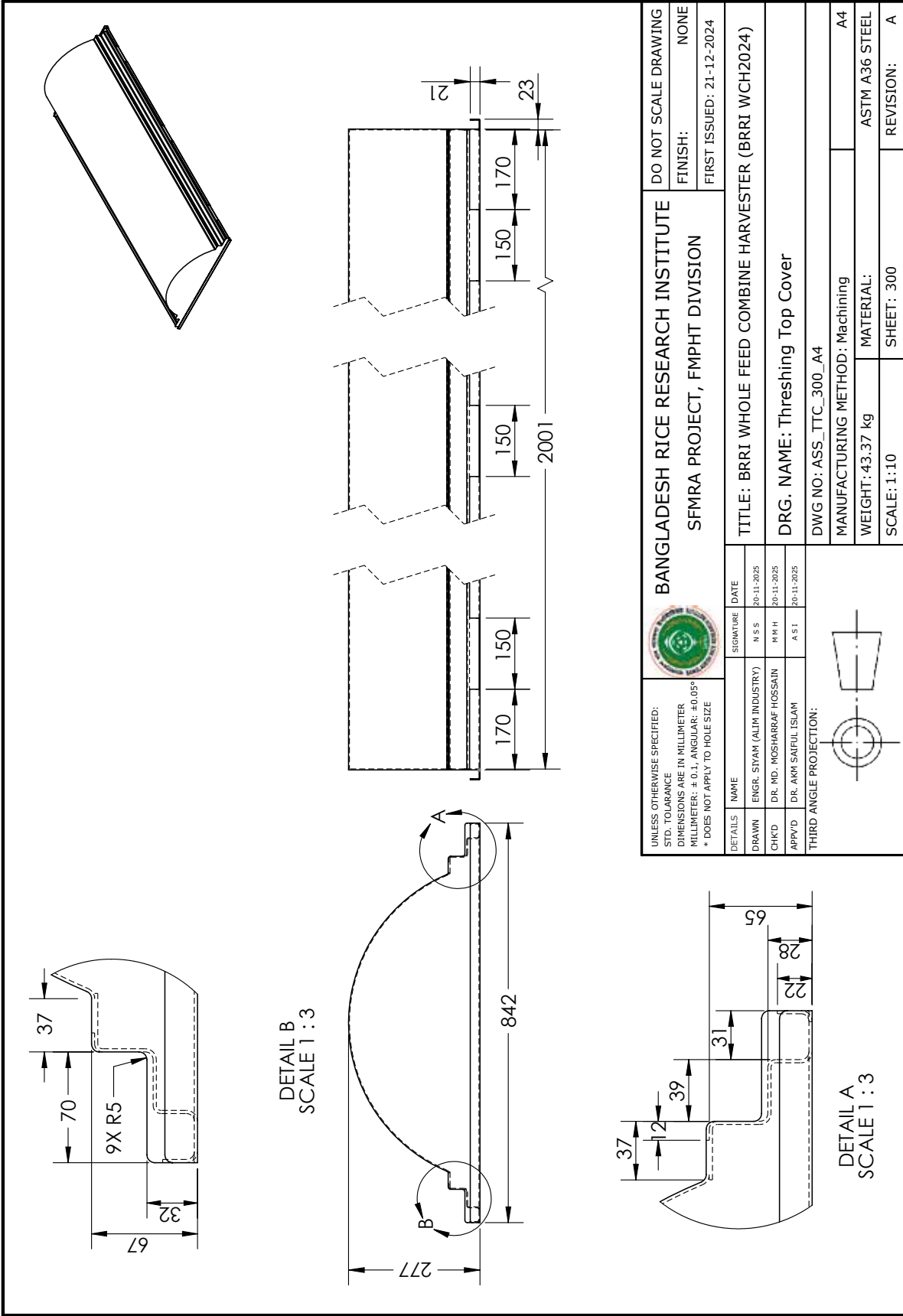


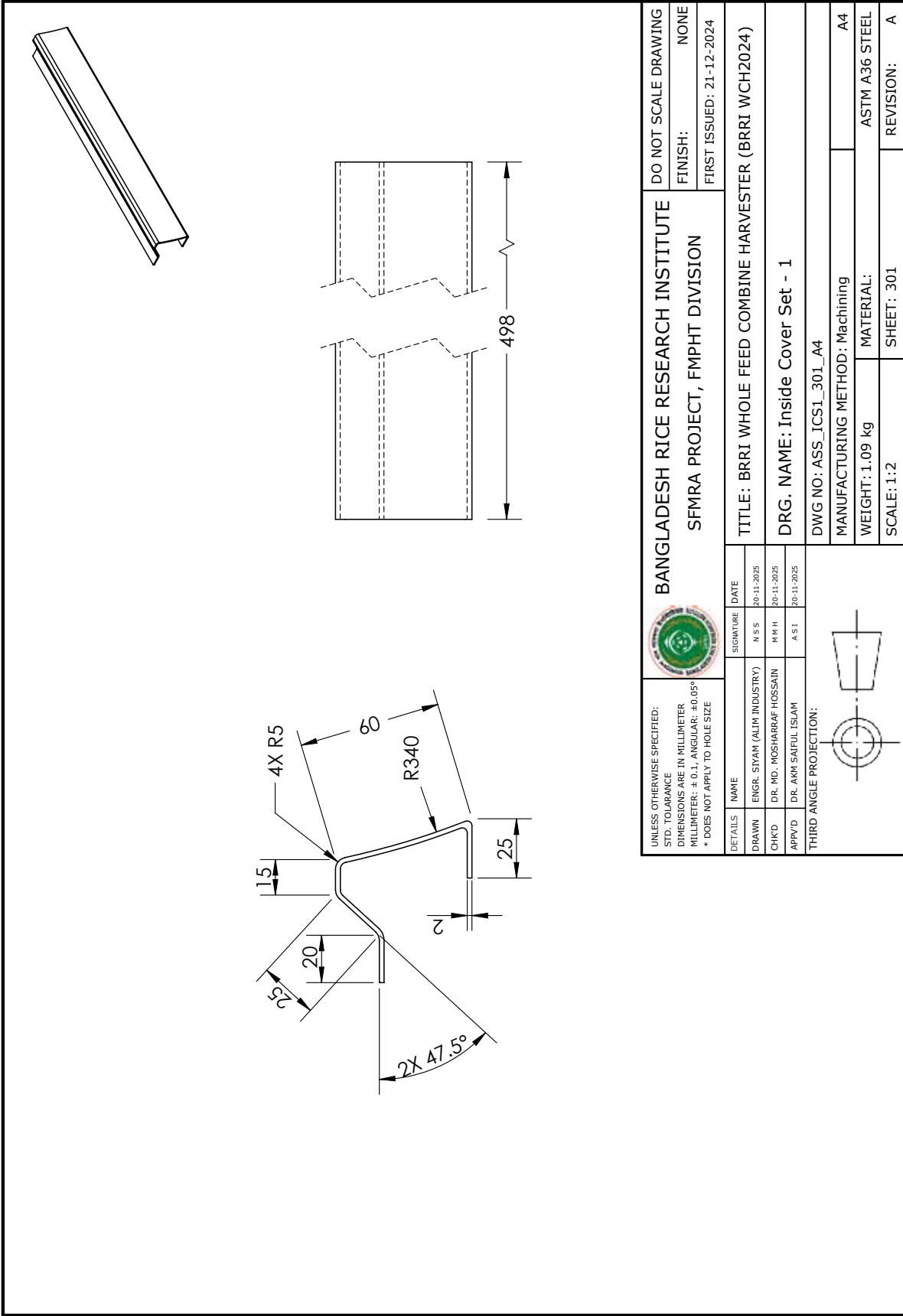





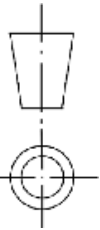
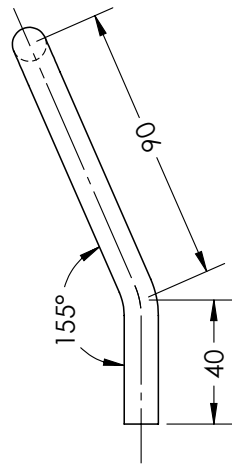
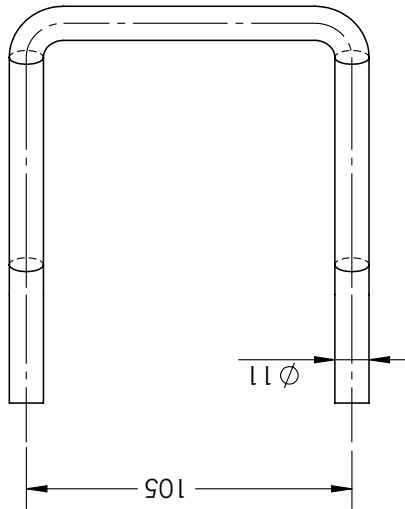
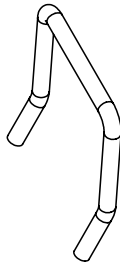
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1 ; ANGULAR: $\pm 0.05^\circ$ * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	DRG. NAME: Recycle Auger Bearing House			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M H H	20-11-2025	DWG NO: ASS_RABH_298_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining WEIGHT: 307.25 grams MATERIAL: ASTM A36 STEEL SCALE: 2:3 SHEET: 298 REVISION: A			
THIRD ANGLE PROJECTION:							


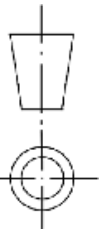


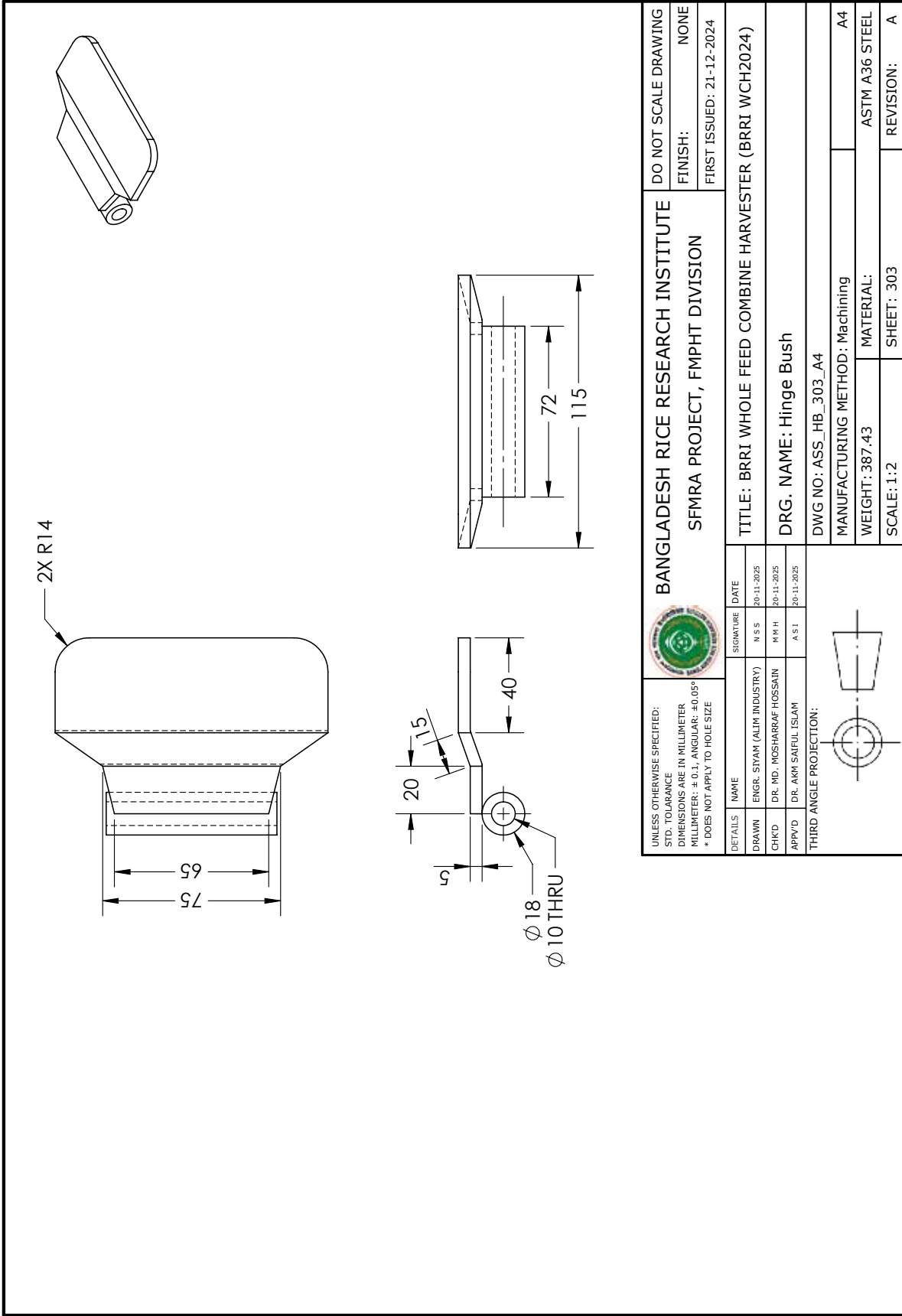



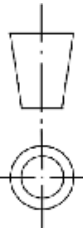


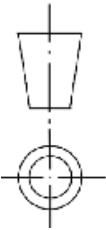
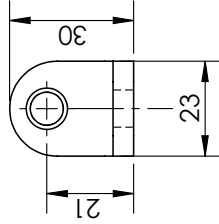
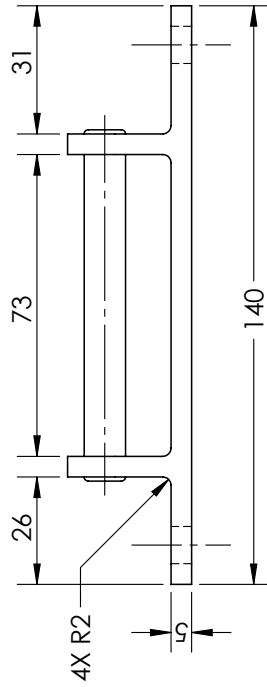
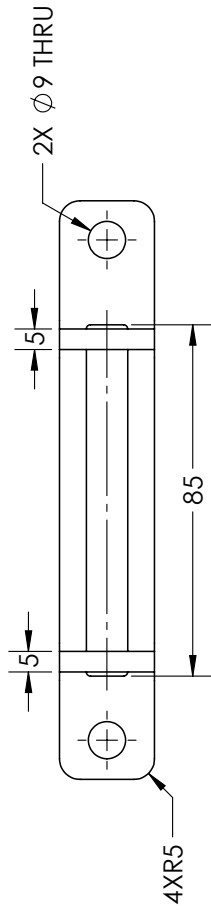
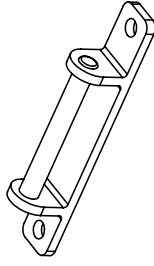
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	DRG. NAME: Inside Cover Set - 1			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M N H	20-11-2025	DWG NO: ASS_IC51_301_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:				WEIGHT: 1.09 kg		MATERIAL: ASTM A36 STEEL	
				SCALE: 1:2		SHEET: 301	
						REVISION: A	




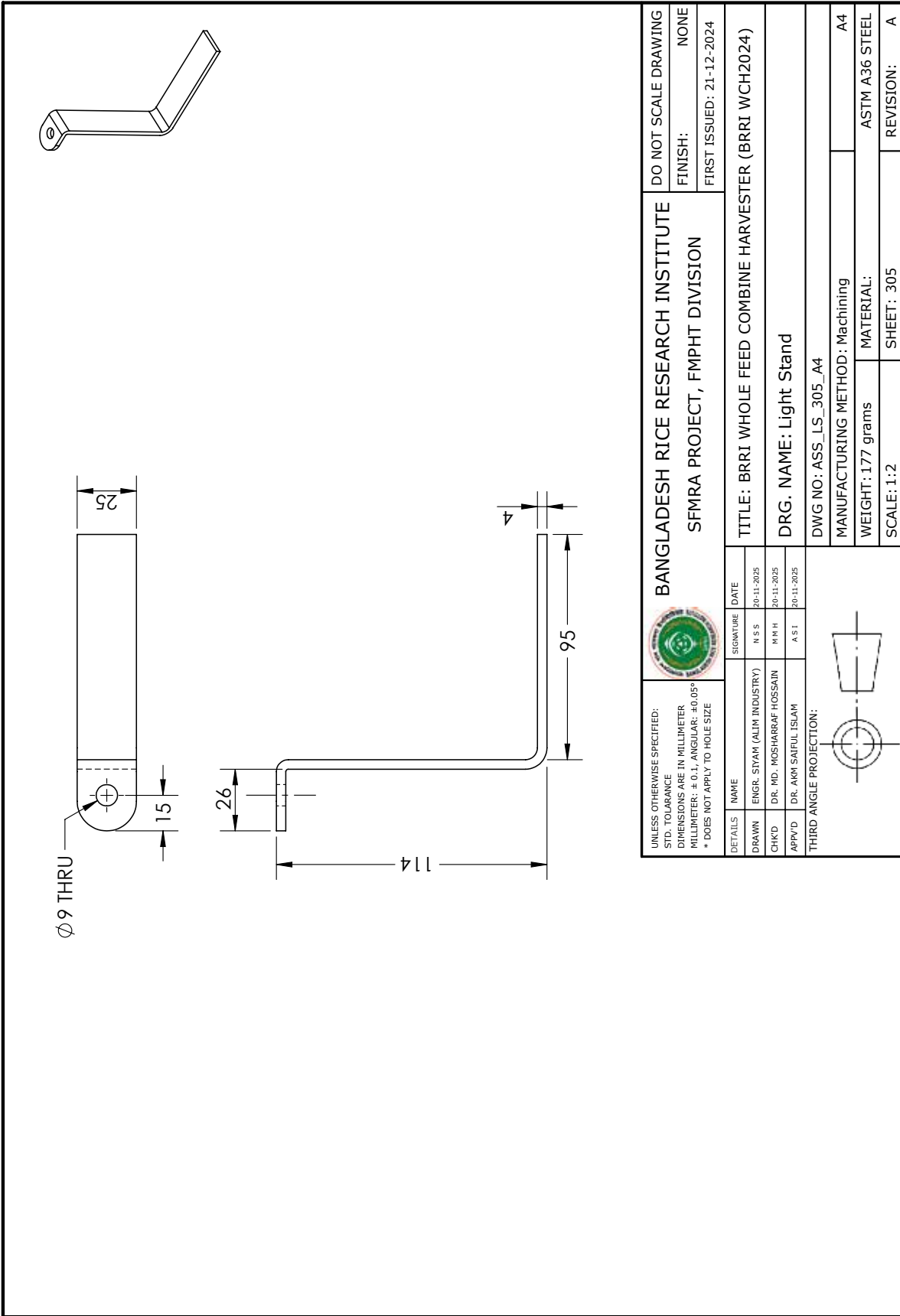
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DRAWN: ENGR. SIYAM (ALIM INDUSTRY) CHK'D: DR. MD. MOSHARRAF HOSSAIN APP'VD: DR. AKM SAIFUL ISLAM		SIGNATURE N S S M R H A S I		DATE 20-11-2025 20-11-2025 20-11-2025		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024) DRG. NAME: Handle_Curved DWG NO.: ASS_HC_302_A4	
THIRD ANGLE PROJECTION:				MANUFACTURING METHOD: Machining WEIGHT: 264.40 grams SCALE: 1:2		MATERIAL: ASTM A36 STEEL SHEET: 302 REVISION: A	

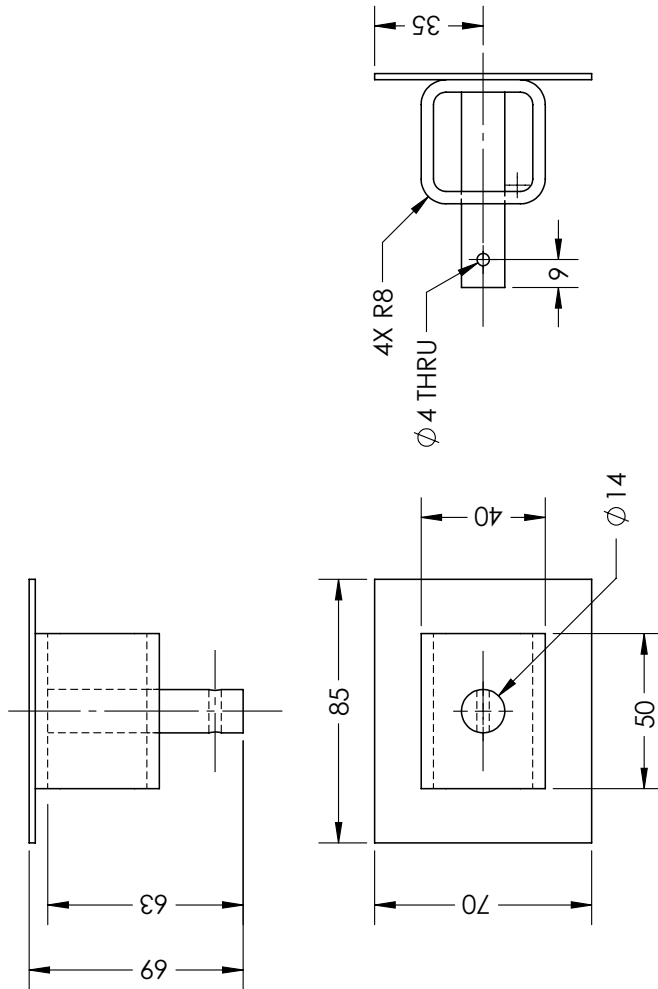
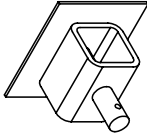



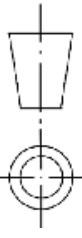
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	DRG. NAME: Hinge Bush			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	20-11-2025	DWG NO.: ASS_HB_303_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:						WEIGHT: 387.43	
				SCALE: 1:2		MATERIAL: ASTM A36 STEEL	
				SHEET: 303		REVISION: A	



UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE		 BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING
DETAILS		SIGNATURE	DATE	FINISH: NONE
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	10-10-2025	FIRST ISSUED: 21-12-2024
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	10-10-2025	
APP'VD	DR. AKM SAIFUL ISLAM	A S I	10-10-2025	
THIRD ANGLE PROJECTION:		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)		
		DRG. NAME: Hinge		
		DWG NO.: ASS_HINGE_304_A4		
		MANUFACTURING METHOD: Machining		
		WEIGHT: 207.99 grams		
		MATERIAL: ASTM A36 STEEL		
		SCALE: 2:3		
		SHEET: 304		
		REVISION: A		

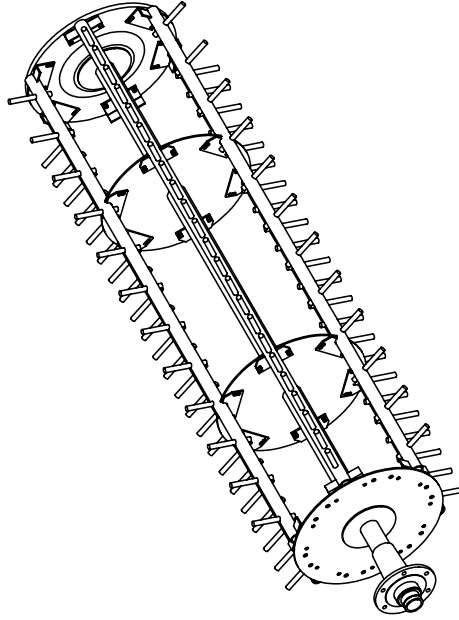



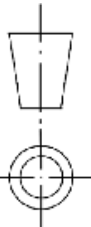


UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE		 BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING
DRAWN: ENGR. SIYAM (ALIM INDUSTRY) CHK'D: DR. MD. MOSHARRAF HOSSAIN APP'VD: DR. AKM SAIFUL ISLAM		SIGNATURE: N S S M R H A S I DATE: 20-11-2025 20-11-2025 20-11-2025		FINISH: NONE FIRST ISSUED: 21-12-2024
THIRD ANGLE PROJECTION:				TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)
		DRG. NAME: Manual Hydraulic Cylinder Holder		
		DWG NO: ASS_MHCH_306_A4		
		MANUFACTURING METHOD: Machining		A4
		WEIGHT: 373.25 grams		ASTM A36 STEEL
		SCALE: 1:2		SHEET: 306
				REVISION: A

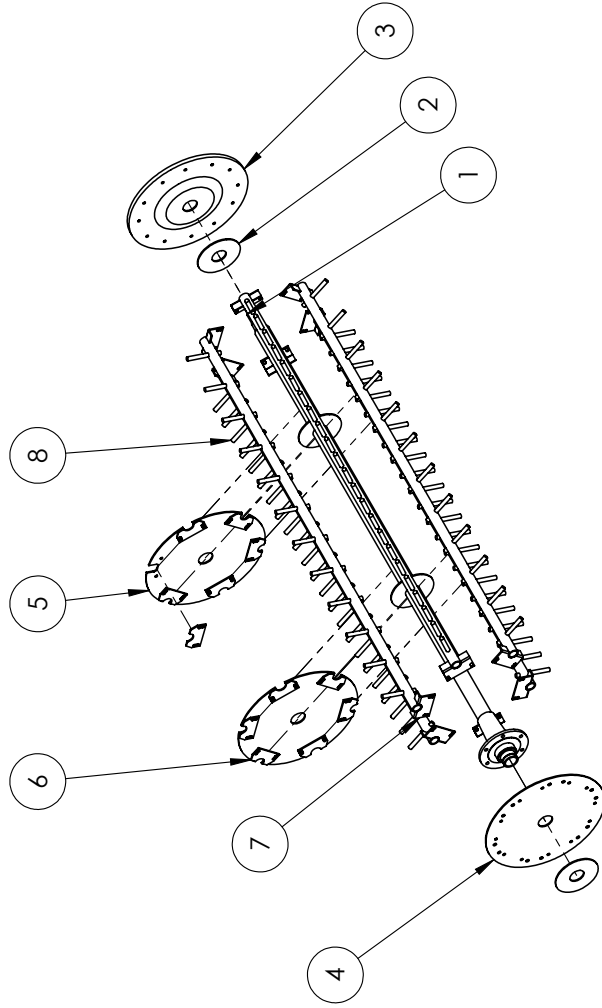
BILL OF MATERIAL: THRESHING CYLINDER ASSEMBLY


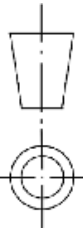
ITEM NO.	PART NAME	QTY.	PART NUMBER	MATERIAL
1	Threshing Cylinder Welded Pipe	1	ASS_TCWP_309_A4, ASS_TCWP_310_A4	ASTM A36 STEEL
2	Spoke Seat	4	ASS_SS_311_A4	ASTM A36 STEEL
3	TC_Connecting Disc	1	ASS_TCCD_312_A4	ASTM A36 STEEL
4	Connectic Disc of Conical Housing	1	ASS_CDCH_313_A4	ASTM A36 STEEL
5	Spoke	2	ASS_SPOKE_314_A4	ASTM A36 STEEL
6	Spoke Attachment	12	ASS_SA_315_A4	ASTM A36 STEEL
7	Reel Pipe Comb. - 1	3	ASS_RPC1_316_A4	ASTM A36 STEEL
8	Reel Pipe Comb. - 2	3	ASS_RPC2_319_A4	ASTM A36 STEEL



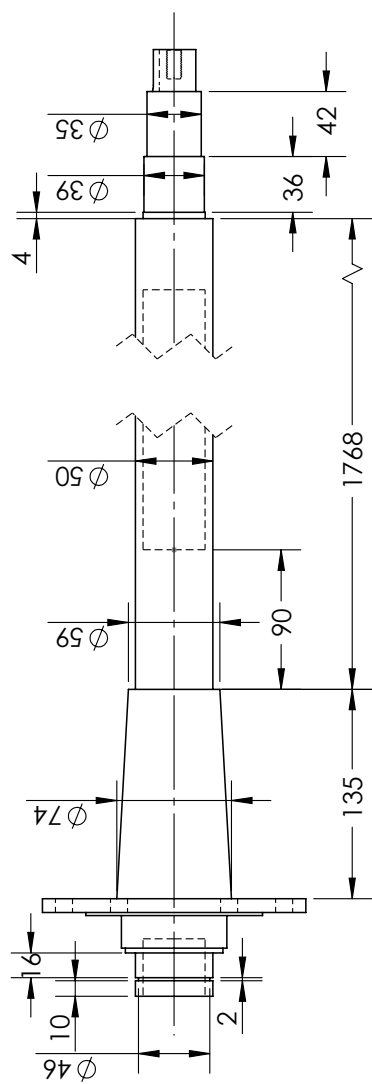
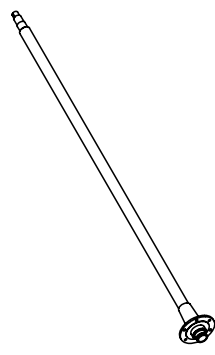
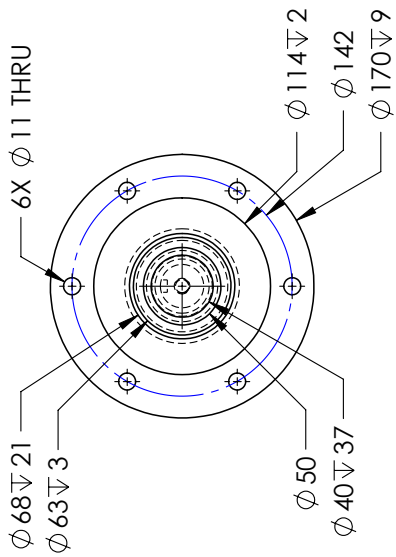
 UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE	BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING
			FINISH: NONE FIRST ISSUED: 21-12-2024
TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024) DRG. NAME: Threshing Cylinder Assembly DWG NO.: ASS_TCA_307_A4			
MANUFACTURING METHOD: Machining WEIGHT: 82.99 kg SCALE: 1:16		MATERIAL: ASTM A36 STEEL SHEET: 307 REVISION: A	
THIRD ANGLE PROJECTION: 			
DETAILS DRAWN: ENGR. SIYAM (ALUM. INDUSTRY) CHK'D: DR. MD. MOSHARRAF HOSSAIN APP'VD: DR. AKM SAIFUL ISLAM	SIGNATURE N S S M R H A S I	DATE 10-10-2025 10-10-2025 10-10-2025	


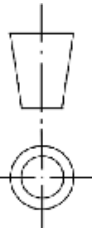
EXPLODED VIEW: THRESHING CYLINDER ASSEMBLY

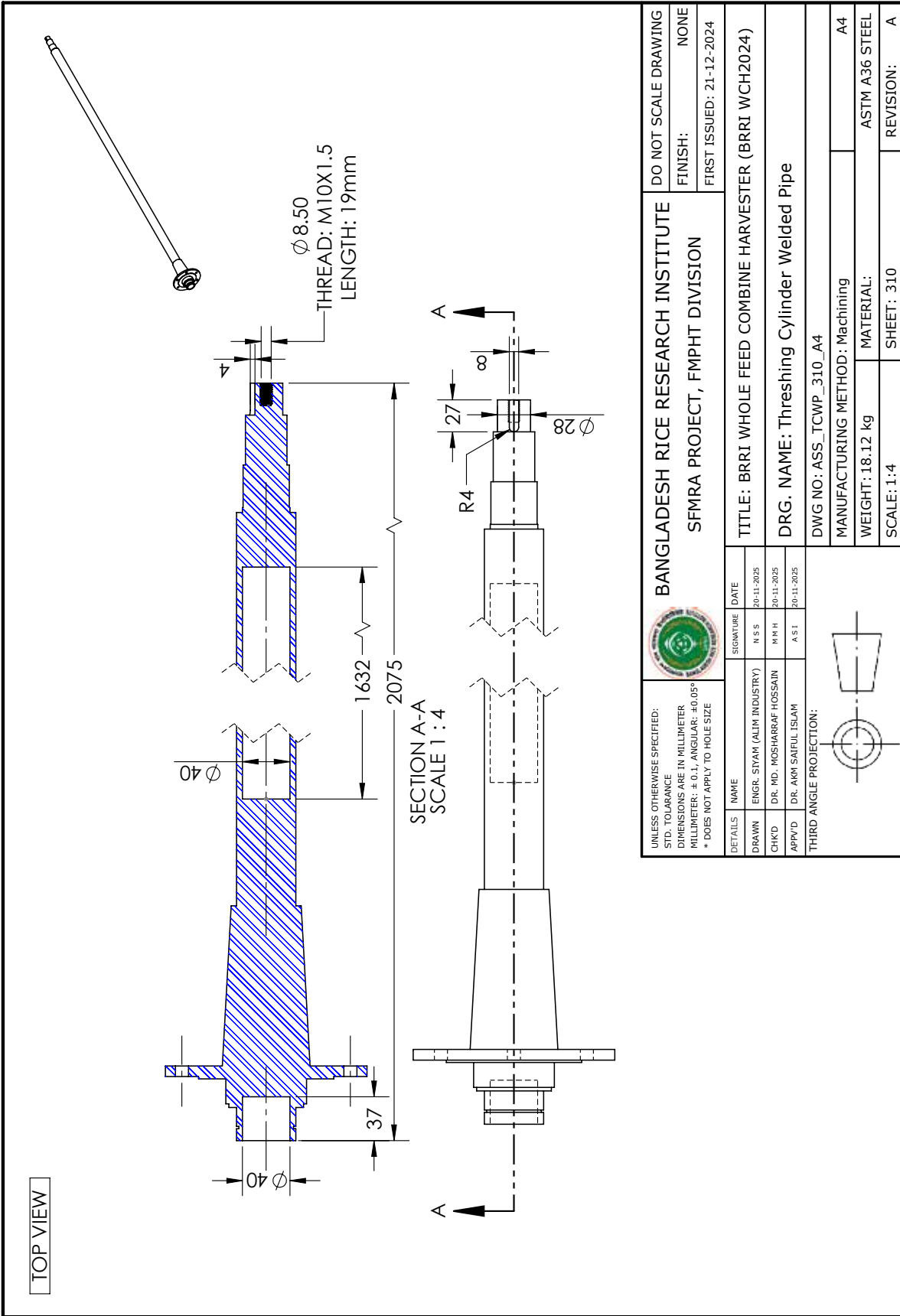



UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE			BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING
			TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)		FINISH: NONE
			DRG. NAME: Threshing Cylinder Assembly		FIRST ISSUED: 21-12-2024
DETAILS NAME ENGR. SIYAM (ALIM INDUSTRY) CHKD DR. MD. MOSHARRAF HOSSAIN APPVD DR. AKM SAIFUL ISLAM		SIGNATURE N S S M R H A S I		DATE 10-10-2025 10-10-2025 10-10-2025	
THIRD ANGLE PROJECTION: 		DWG NO: ASS_TCA_308_A4		MANUFACTURING METHOD: Machining WEIGHT: 82.99 kg SCALE: 1:20	
				MATERIAL: ASTM A36 STEEL SHEET: 308 REVISION: A	

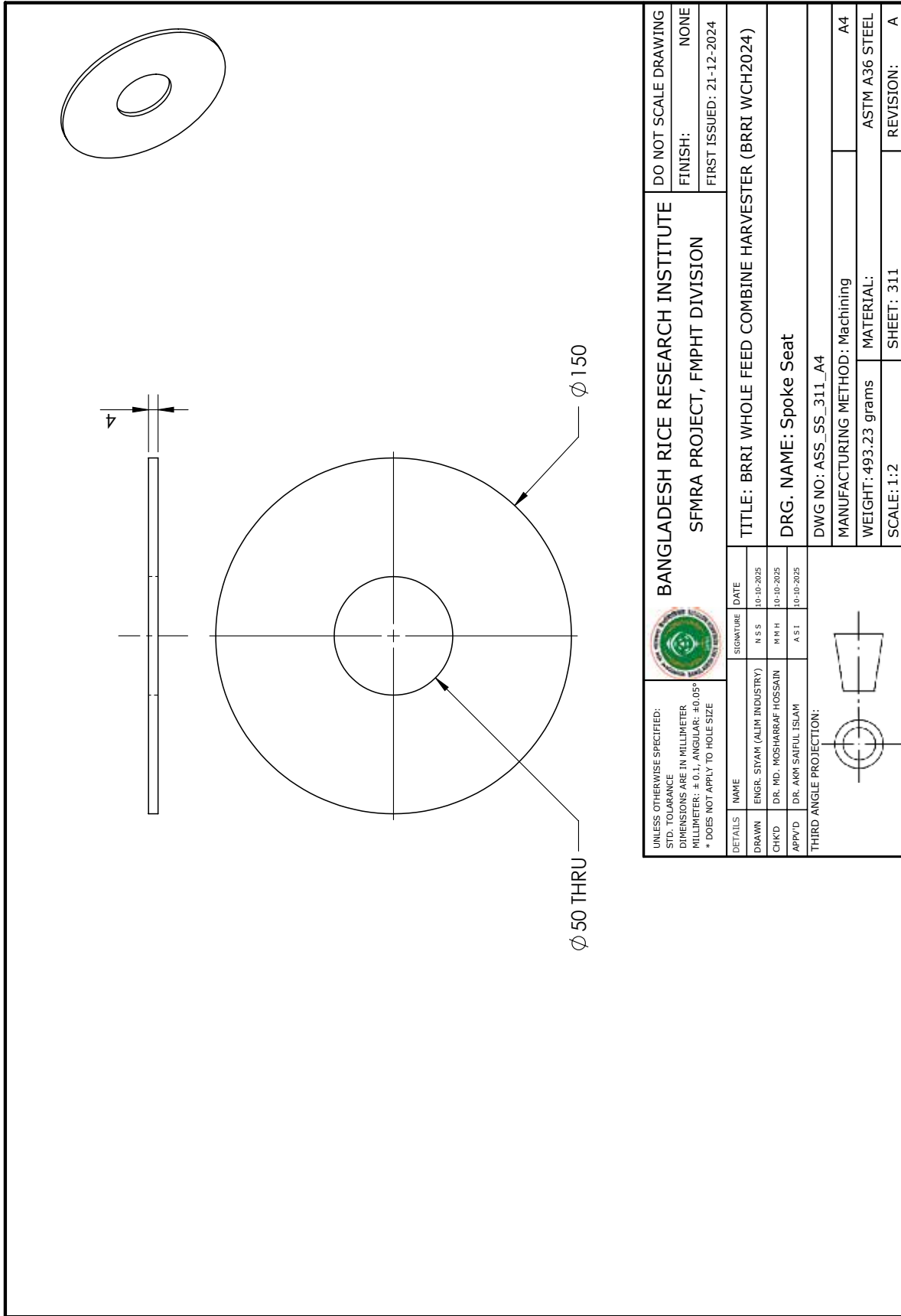
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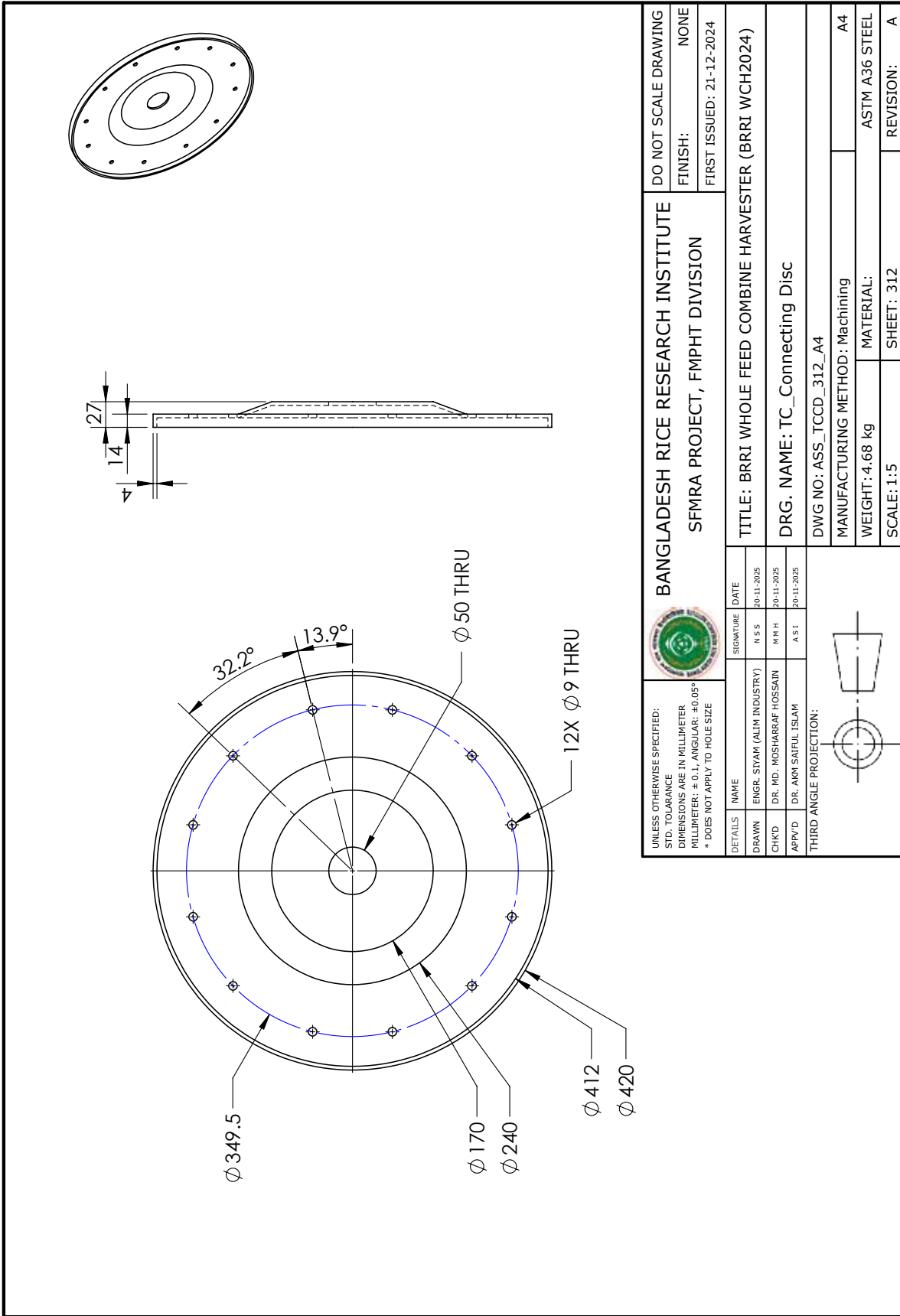
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE			BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING
	DRAWN: ENGR. SIYAM (ALIM INDUSTRY)	SIGNATURE: N S S	DATE: 10-10-2025	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)	
CHK'D: DR. MD. MOSHARRAF HOSSAIN	M N H	10-10-2025	DRG. NAME: Threshing Cylinder Welded Pipe		
APP'VD: DR. AKM SAIFUL ISLAM	A S I	10-10-2025	DWG NO: ASS_TCWP_309_A4		
THIRD ANGLE PROJECTION: 			MANUFACTURING METHOD: Machining		A4
			WEIGHT: 18.12 kg		MATERIAL: ASTM A36 STEEL
			SCALE: 1:4		SHEET: 309 REVISION: A


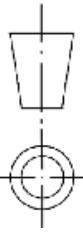


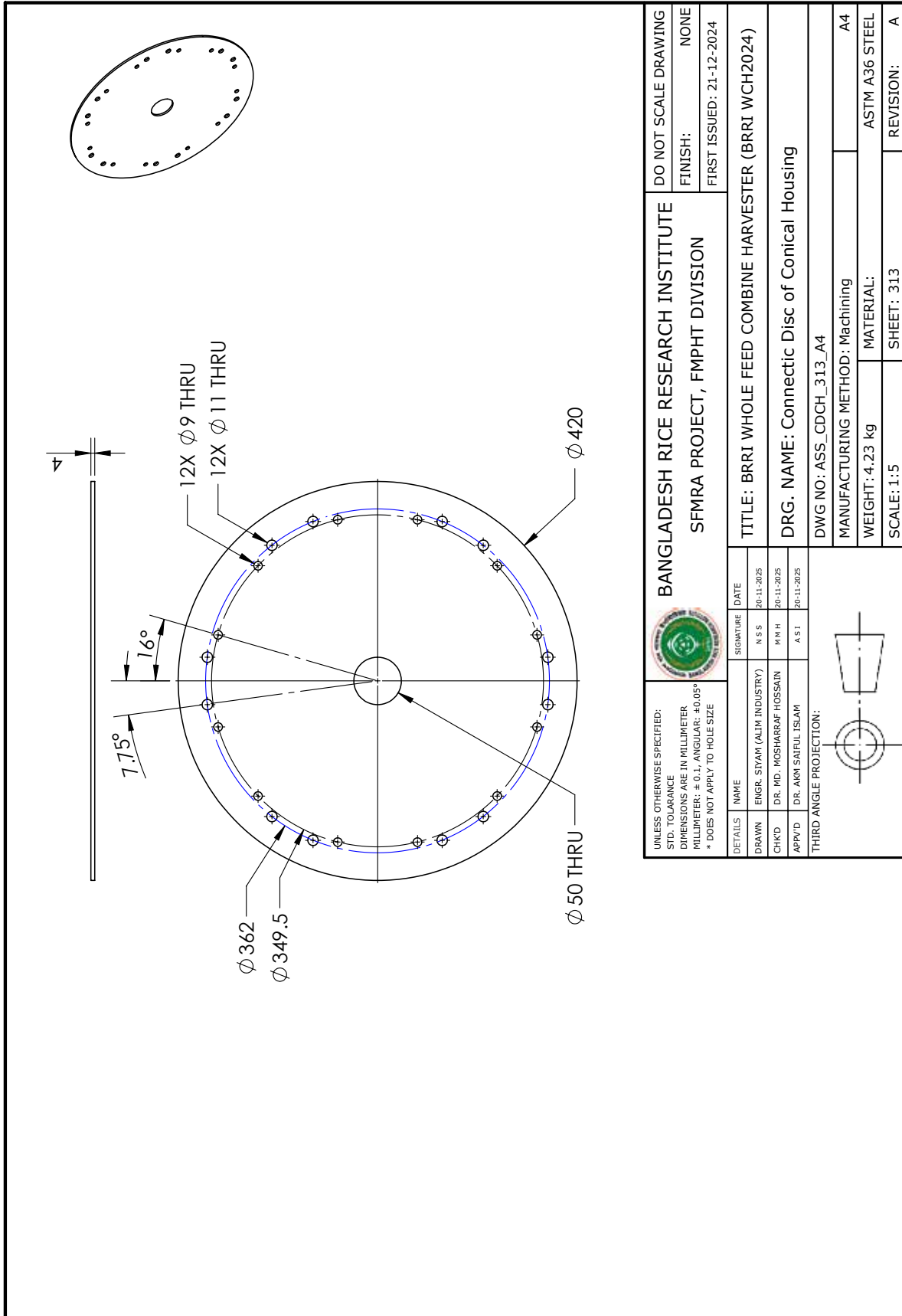
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1 ; ANGULAR: $\pm 0.05^\circ$ * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	DRG. NAME: Threshing Cylinder Welded Pipe			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	20-11-2025	DWG NO: ASS_TCWP_310_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
				WEIGHT: 18.12 kg		MATERIAL: ASTM A36 STEEL	
				SCALE: 1:4		SHEET: 310	
				REVISION: A			


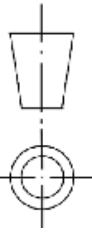


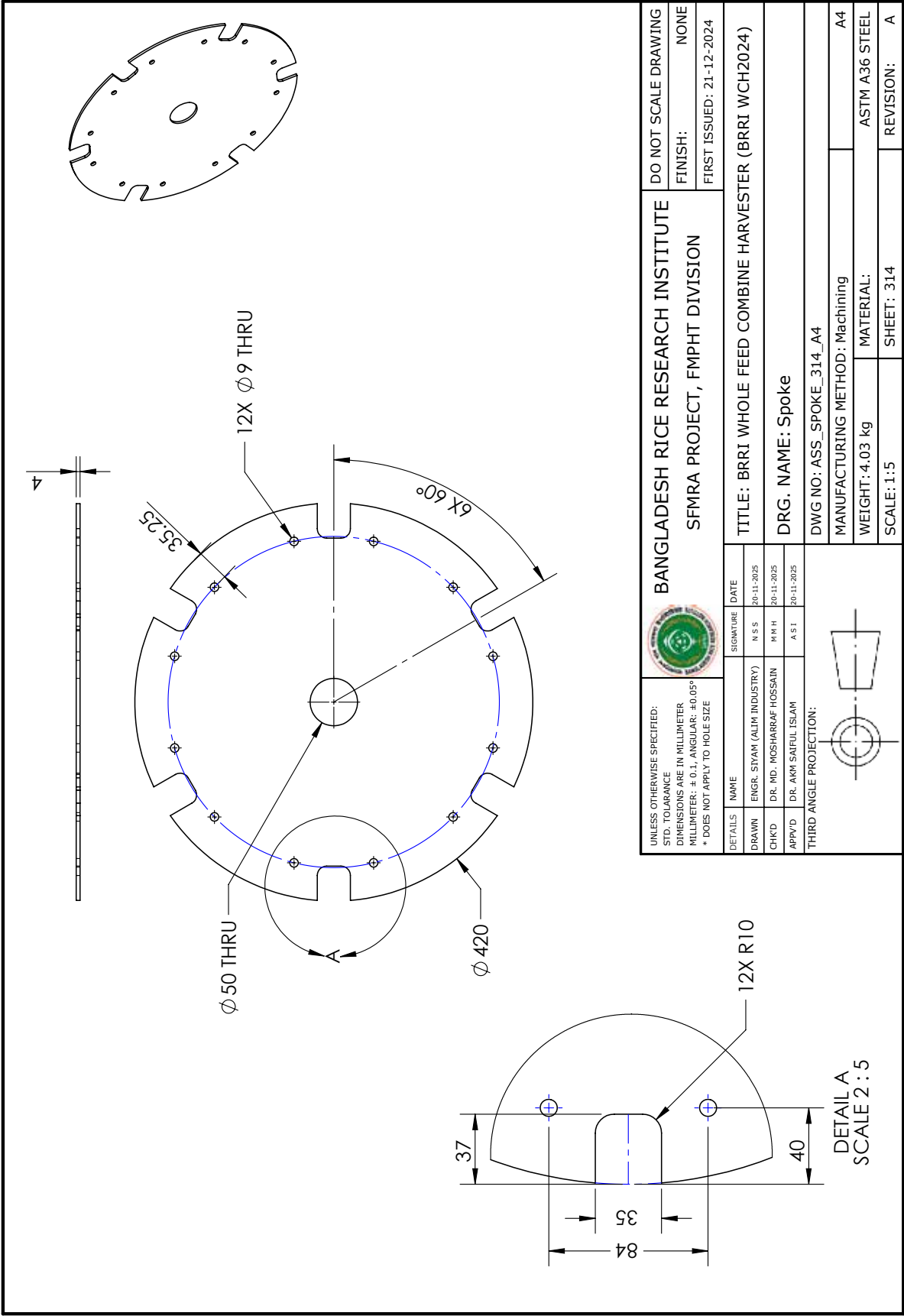
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1 ; ANGULAR: $\pm 0.05^\circ$ * DOES NOT APPLY TO HOLE SIZE		 BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING
DETAILS		SIGNATURE	DATE	FINISH: NONE
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	10-10-2025	FIRST ISSUED: 21-12-2024
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	10-10-2025	
APP'VD	DR. AKM SAIFUL ISLAM	A S I	10-10-2025	
THIRD ANGLE PROJECTION:		TITLE: BRI WHOLE FEED COMBINE HARVESTER (BRI WCH2024) DRG. NAME: Spoke Seat DWG NO.: ASS_SS_311_A4 MANUFACTURING METHOD: Machining WEIGHT: 493.23 grams MATERIAL: ASTM A36 STEEL SCALE: 1:2 SHEET: 311 REVISION: A		

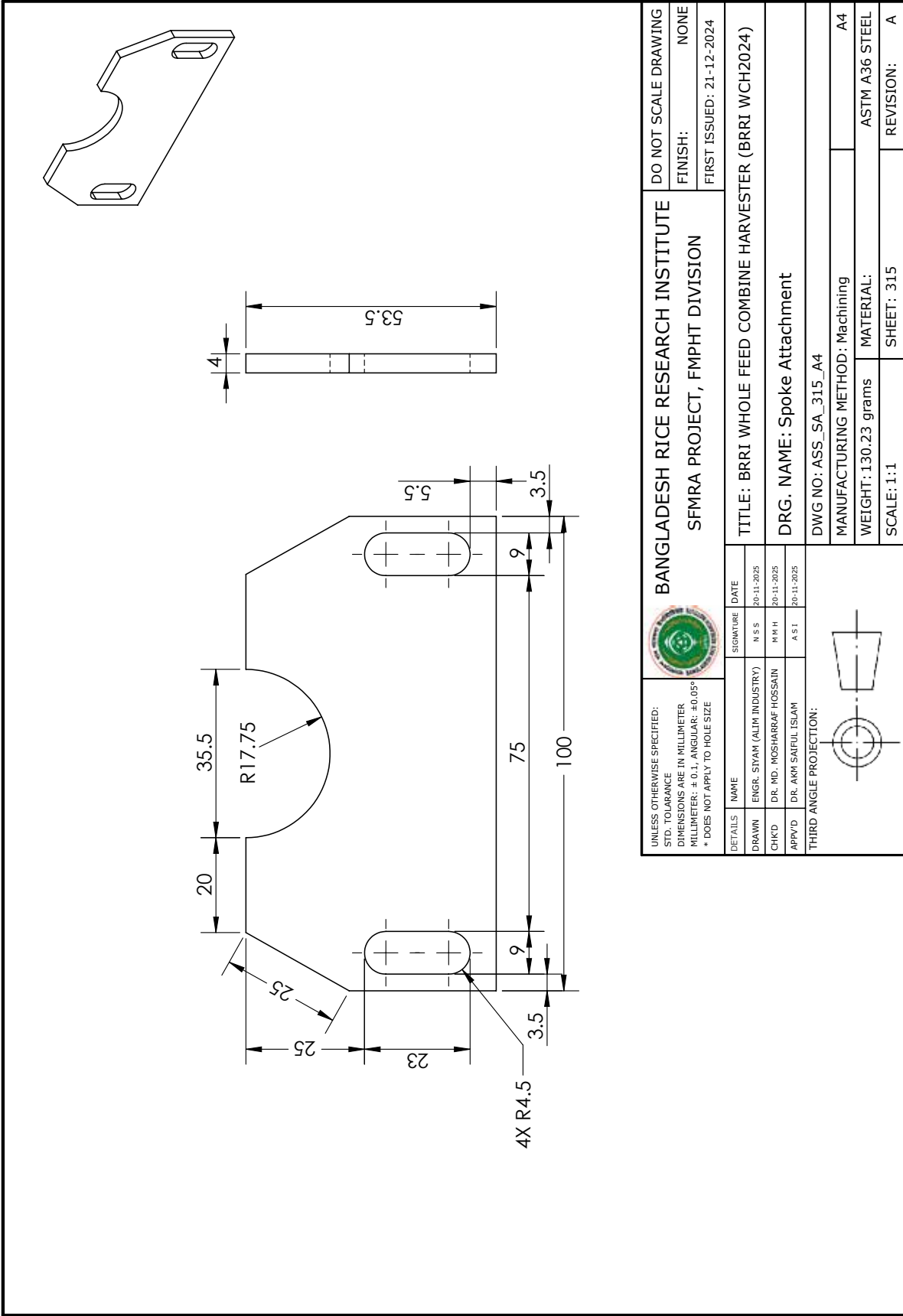


UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	DRG. NAME: TC_Connecting Disc			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	20-11-2025	DWG NO.: ASS_TCCD_312_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:						WEIGHT: 4.68 kg SCALE: 1:1.5	
				MATERIAL: ASTM A36 STEEL		REVISION: A	

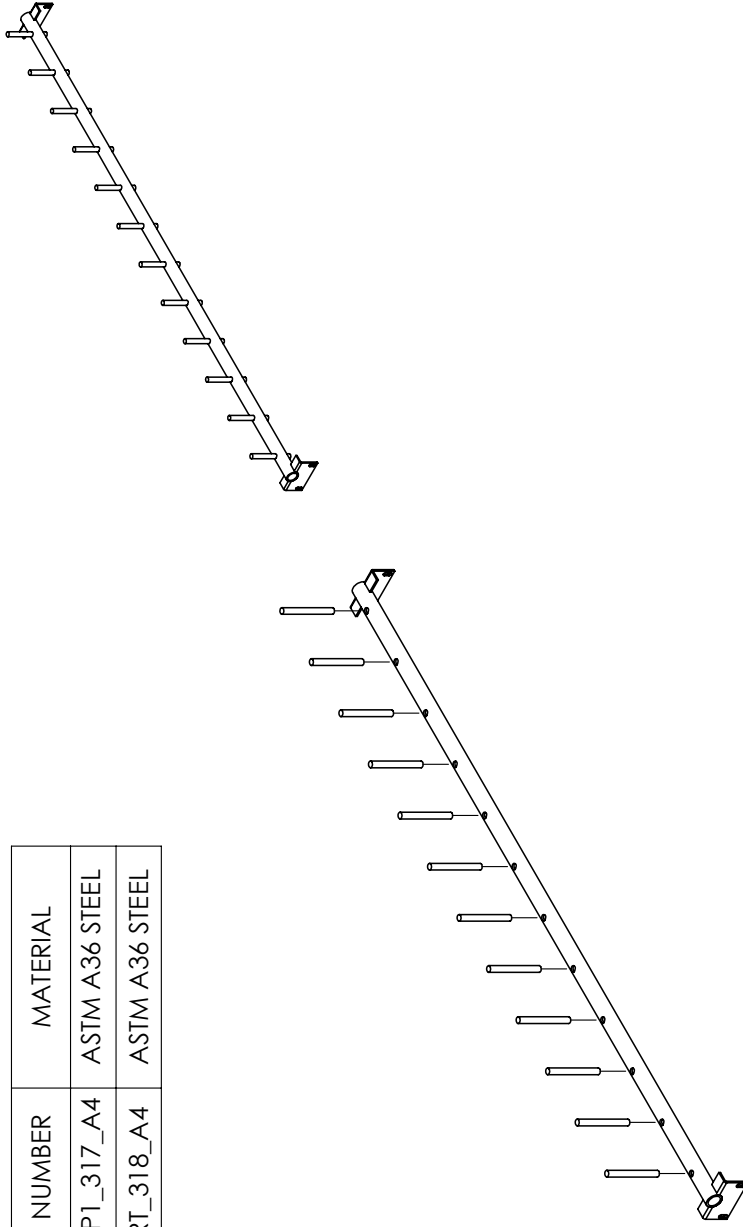



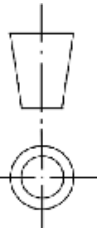
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	DRG. NAME: Connectic Disc of Conical Housing			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	20-11-2025	DWG NO: ASS_CDCH_313_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:				WEIGHT: 4.23 kg			
				MATERIAL: ASTM A36 STEEL			
				SCALE: 1:5			
				SHEET: 313			
				REVISION: A			

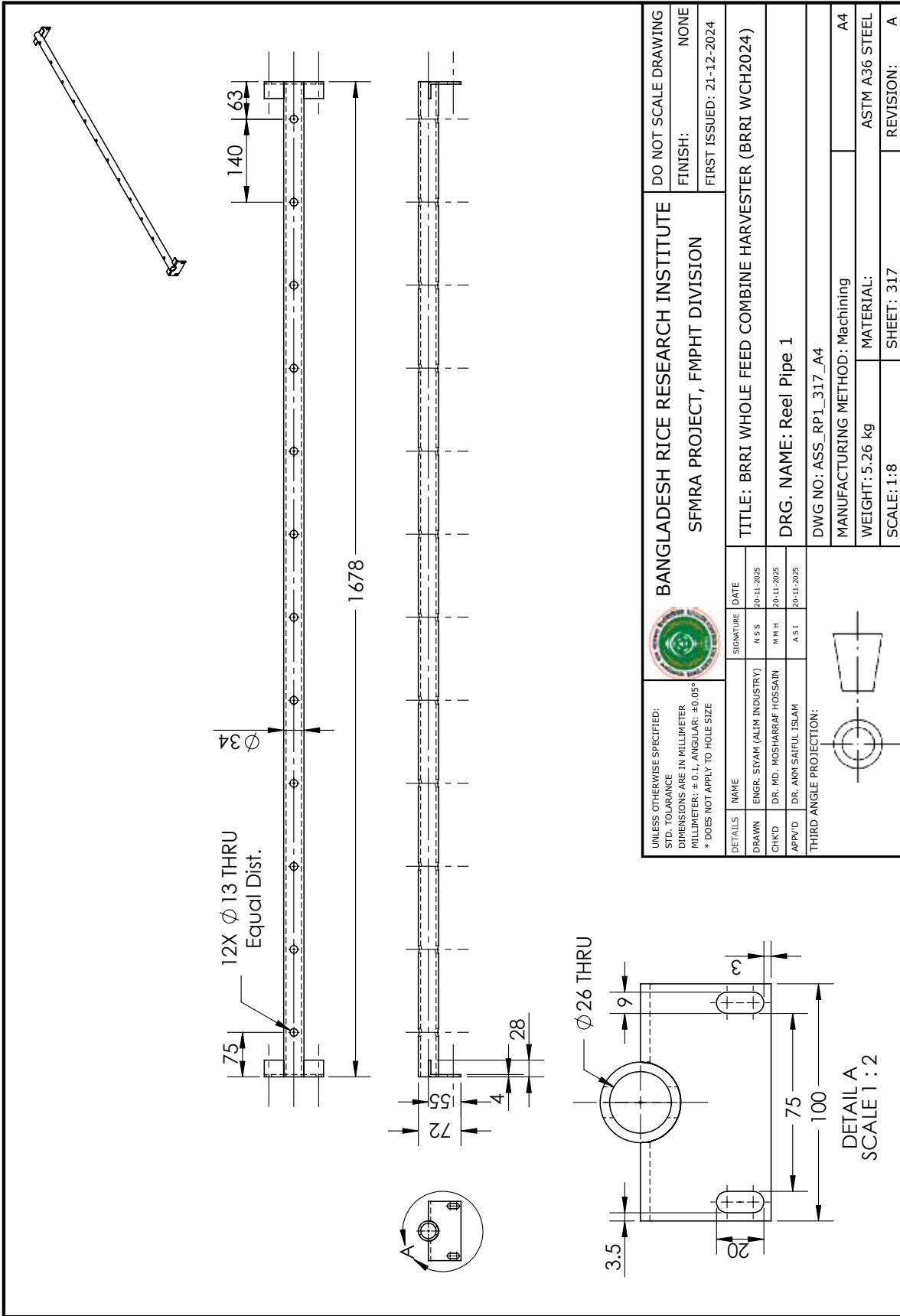


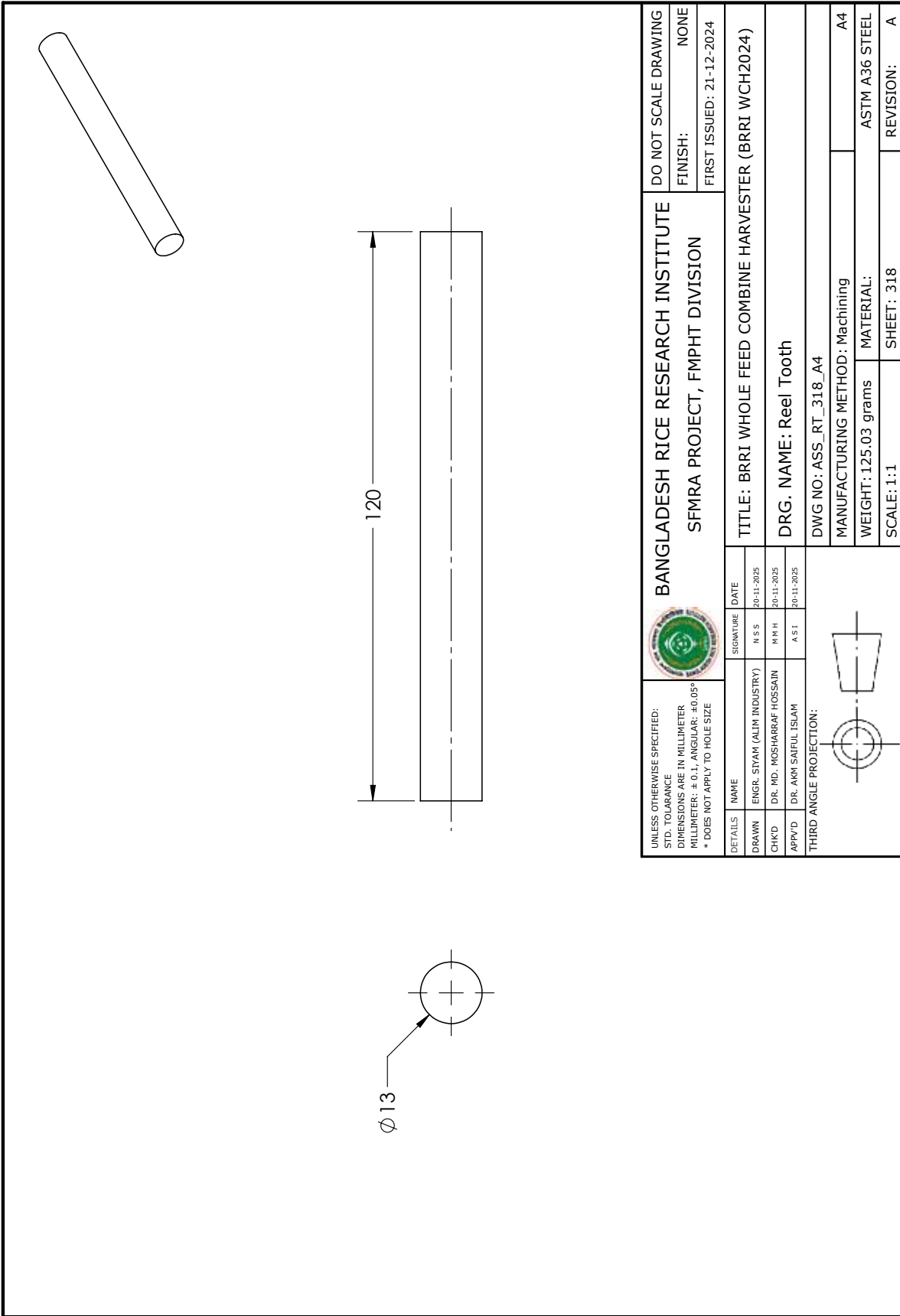



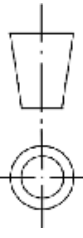
ITEM NO.	PART NAME	QTY.	PART NUMBER	MATERIAL
1	Reel Pipe 1	1	ASS_RP1_317_A4	ASTM A36 STEEL
2	Reel Tooth	12	ASS_RT_318_A4	ASTM A36 STEEL



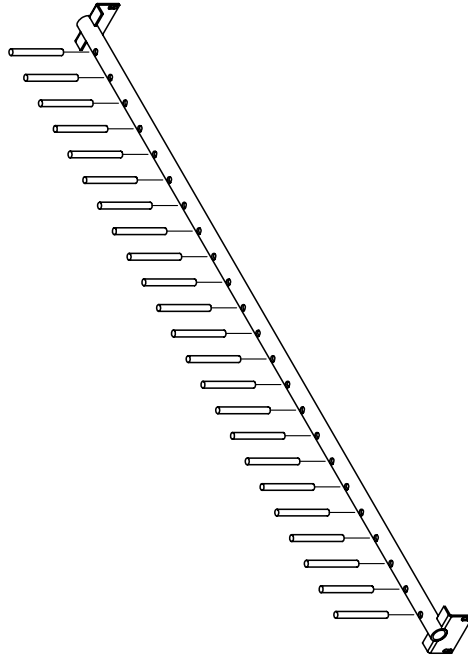
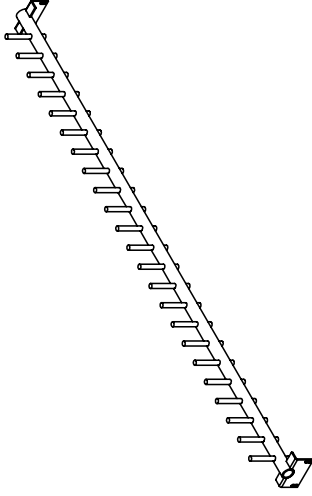
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS		NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)		
DRAWN		ENGR. SIYAM (ALIM INDUSTRY)	N S S	10-10-2025	DRG. NAME: Reel Pipe Comb. - 1		
CHK'D		DR. MD. MOSHARRAF HOSSAIN	M R H	10-10-2025	DWG NO.: ASS_RPCL_316_A4		
APP'VD		DR. AKM SAIFUL ISLAM	A S I	10-10-2025	MANUFACTURING METHOD: Machining		
THIRD ANGLE PROJECTION:							
		WEIGHT: 6.76 kg		MATERIAL: ASTM A36 STEEL		REVISION: A	
		SCALE: 1:12		SHEET: 316			


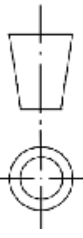


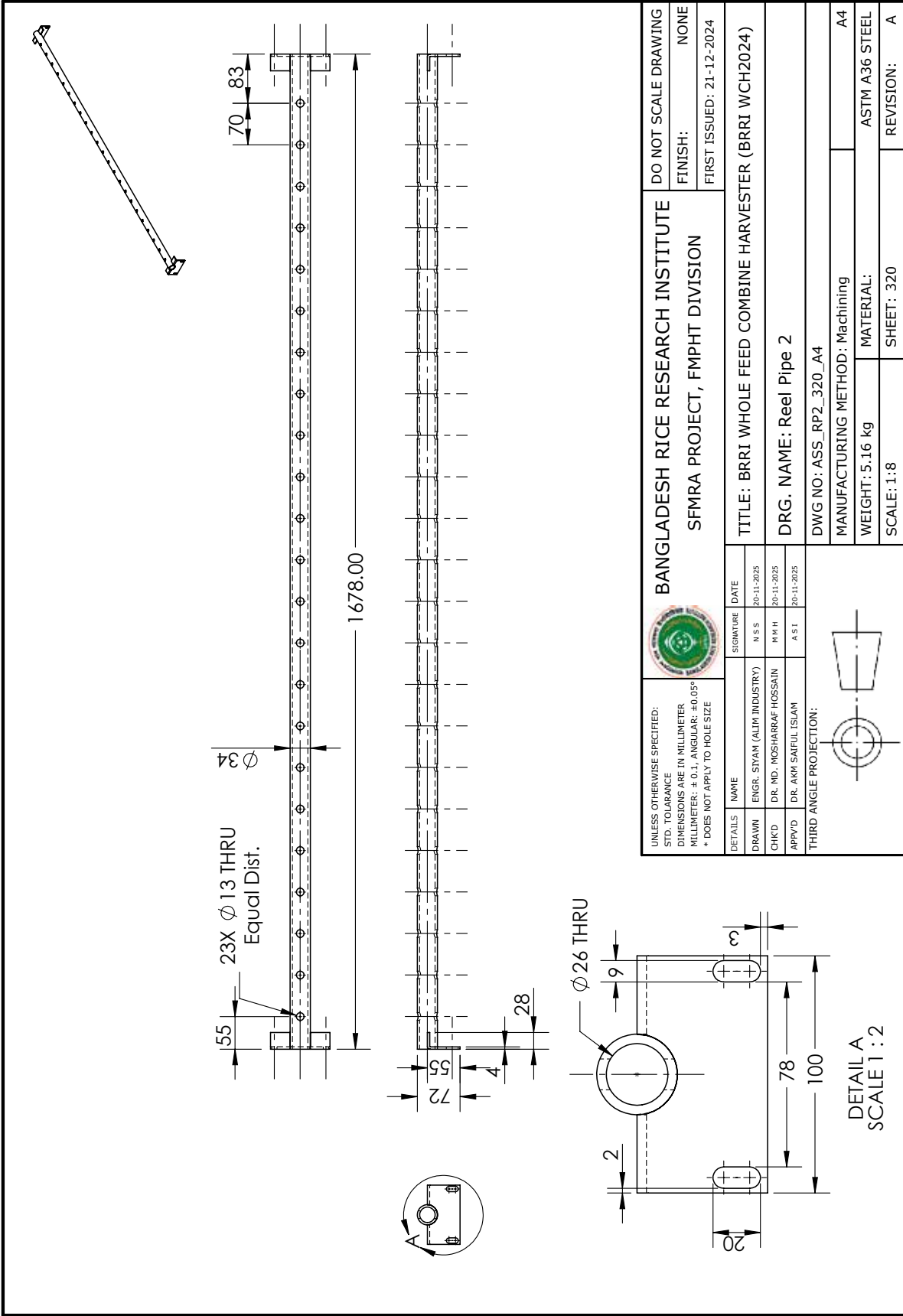


UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1 ; ANGULAR: $\pm 0.05^\circ$ * DOES NOT APPLY TO HOLE SIZE		 BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING
DETAILS		SIGNATURE	DATE	FINISH: NONE
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	FIRST ISSUED: 21-12-2024
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M H H	20-11-2025	
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	
THIRD ANGLE PROJECTION:		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)		
		DRG. NAME: Reel Tooth		
		DWG NO.: ASS_RT_318_A4		
		MANUFACTURING METHOD: Machining		
		WEIGHT: 125.03 grams		
		SCALE: 1:1		
		MATERIAL: ASTM A36 STEEL		
		SHEET: 1:1		
		REVISION: A		

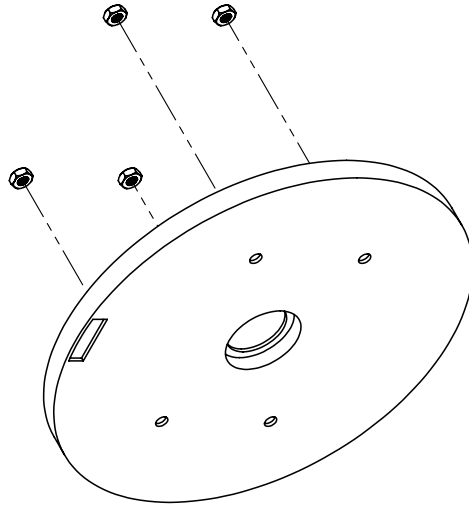
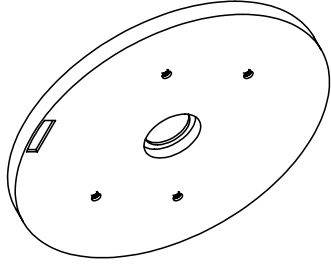
ITEM NO.	PART NAME	QTY.	PART NUMBER	MATERIAL
1	Reel Pipe 2	1	ASS_RP2_320_A4	ASTM A36 STEEL
2	Reel Tooth	23	ASS_RT_318_A4	ASTM A36 STEEL


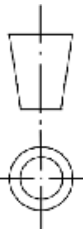


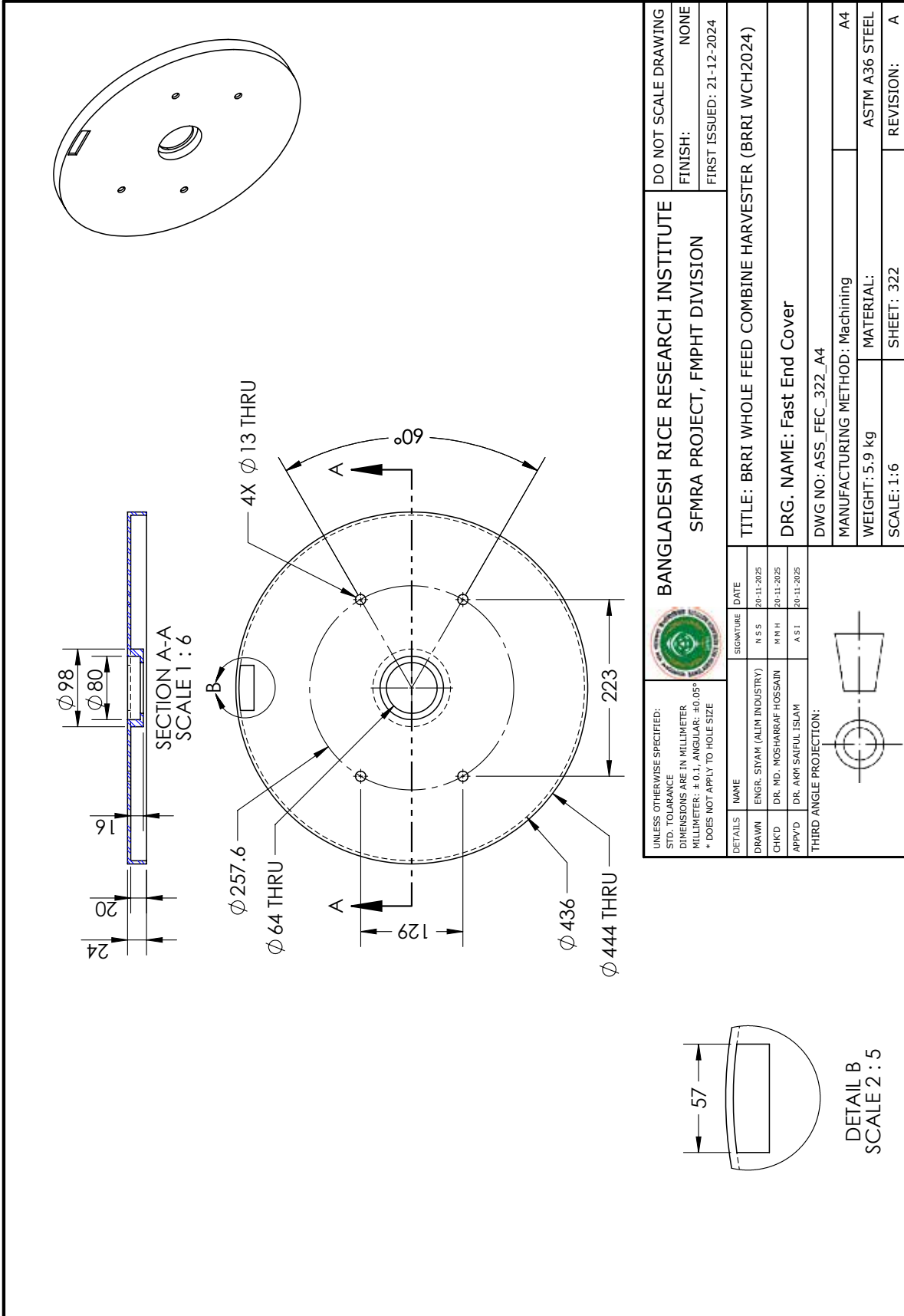
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1, ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS NAME DRAWN ENGR. SIYAM (ALIM INDUSTRY) CHK'D DR. MD. MOSHARRAF HOSSAIN APP'VD DR. AKM SAIFUL ISLAM		SIGNATURE N S S M H H A S I		DATE 10-10-2025 10-10-2025 10-10-2025		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024) DRG. NAME: Reel Pipe Comb. - 2 DWG NO: ASS_RPC2_319_A4	
THIRD ANGLE PROJECTION:							
MANUFACTURING METHOD: Machining				A4			
WEIGHT: 8.04 kg				MATERIAL: ASTM A36 STEEL			
SCALE: 1:12				SHEET: 319			
				REVISION: A			

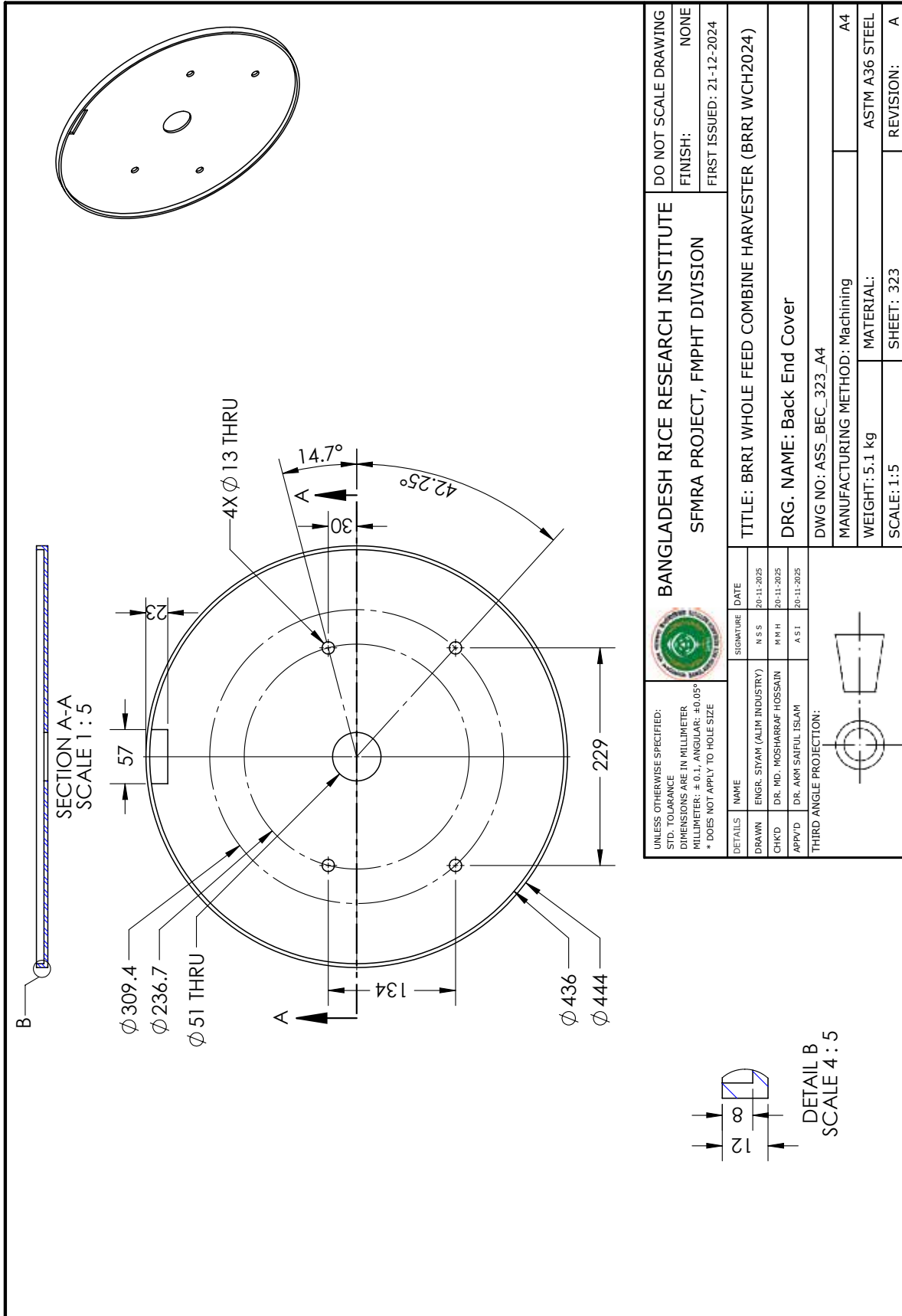


ITEM NO.	PART NAME	QTY.	PART NUMBER	MATERIAL
1	Fast End Cover	1	ASS_FEC_322_A4	ASTM A36 STEEL
2	12mm Nut	4		AISI 1020

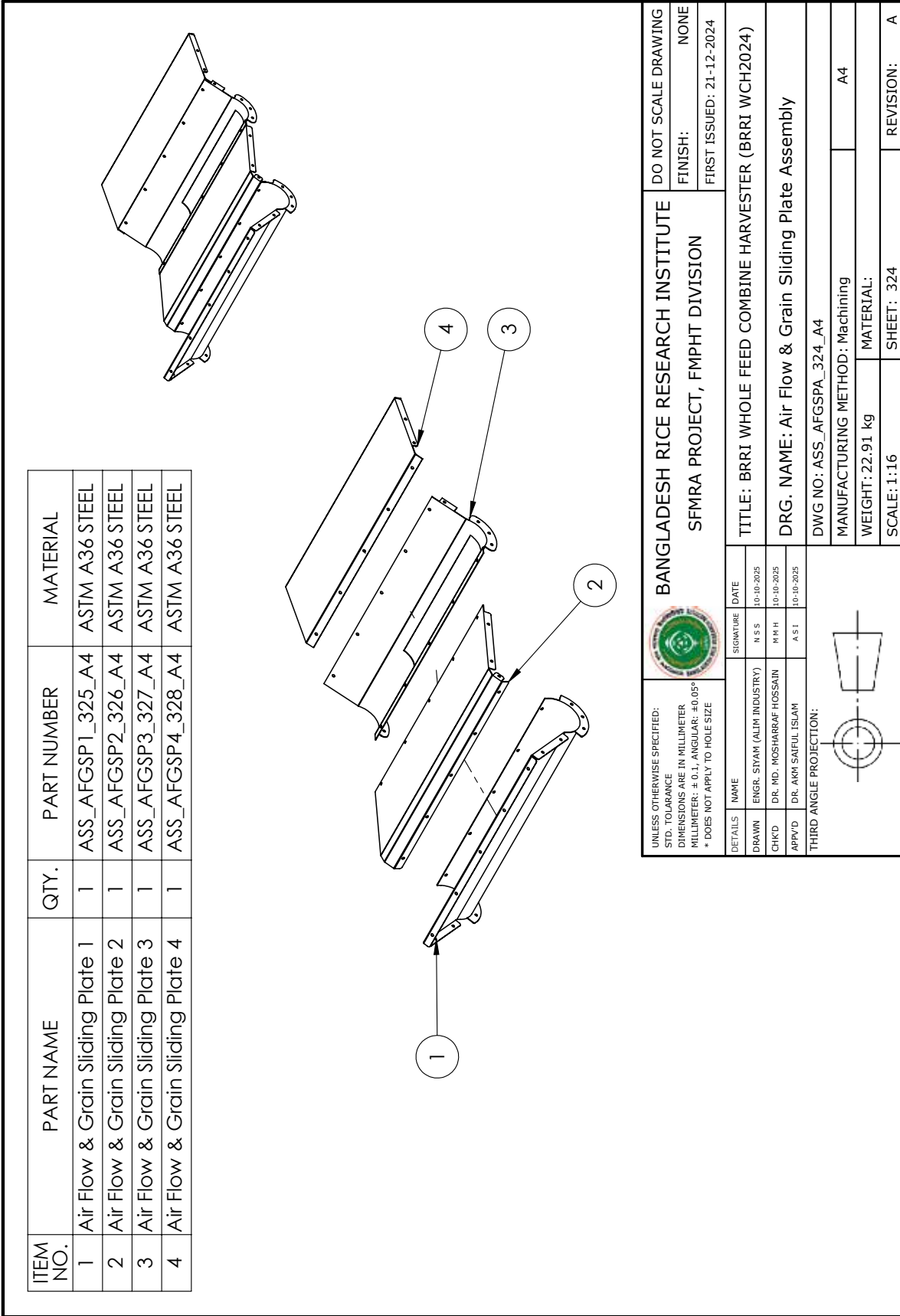


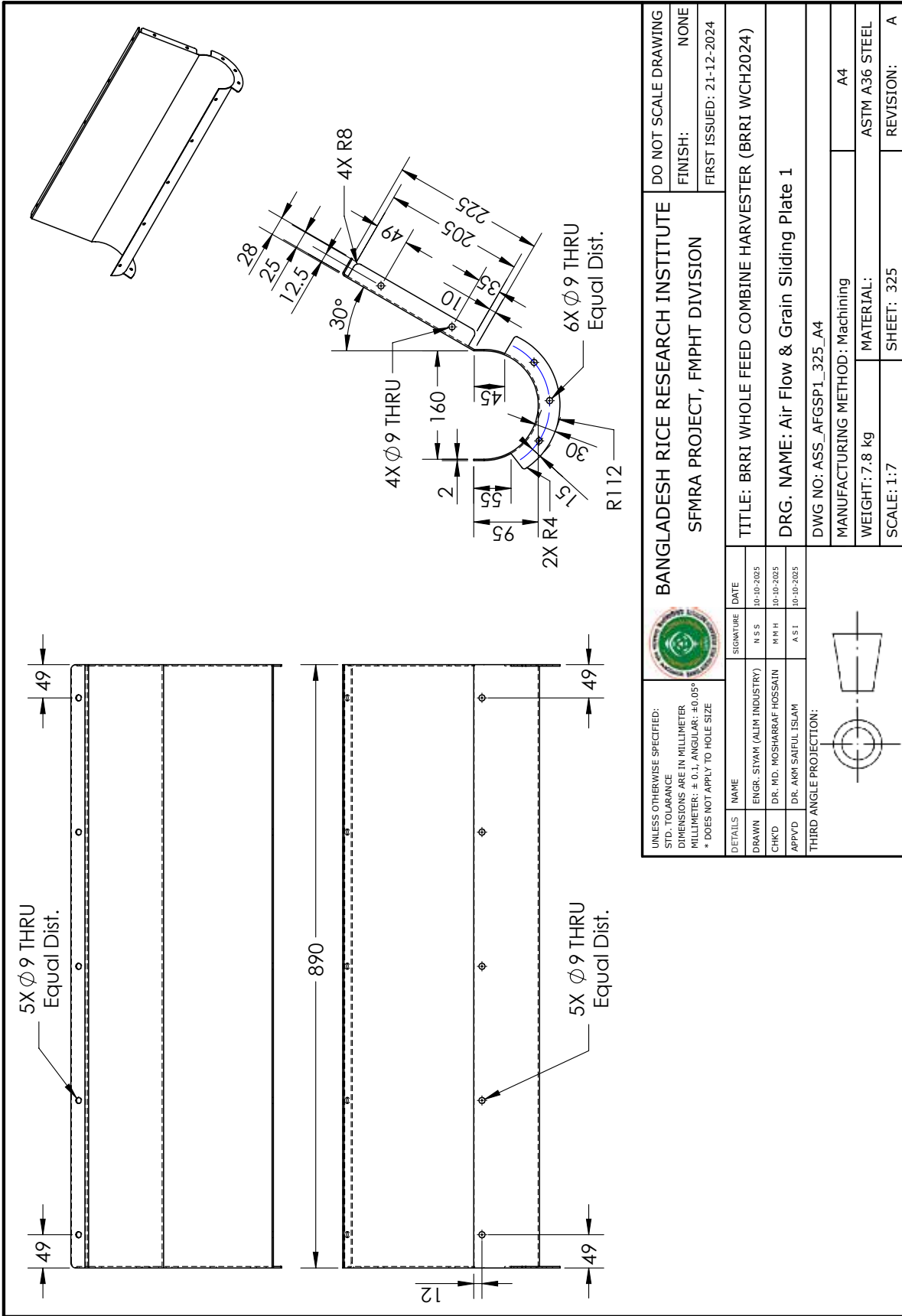
		BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)		FINISH: NONE FIRST ISSUED: 21-12-2024
DETAILS NAME SIGNATURE DATE		DRG. NAME: Fast End Cover with Nut		
DRAWN ENGR. SIYAM (ALIM INDUSTRY)	N S S	10-10-2025	DWG NO.: ASS_FECN_321_A4	
CHK'D DR. MD. MOSHARRAF HOSSAIN	M R H	10-10-2025	MANUFACTURING METHOD: Machining	
APP'VD DR. AKM SAIFUL ISLAM	A S I	10-10-2025	WEIGHT: 5.96 kg SCALE: 1:6	
THIRD ANGLE PROJECTION:				
		MATERIAL:		REVISION: A


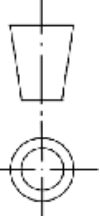


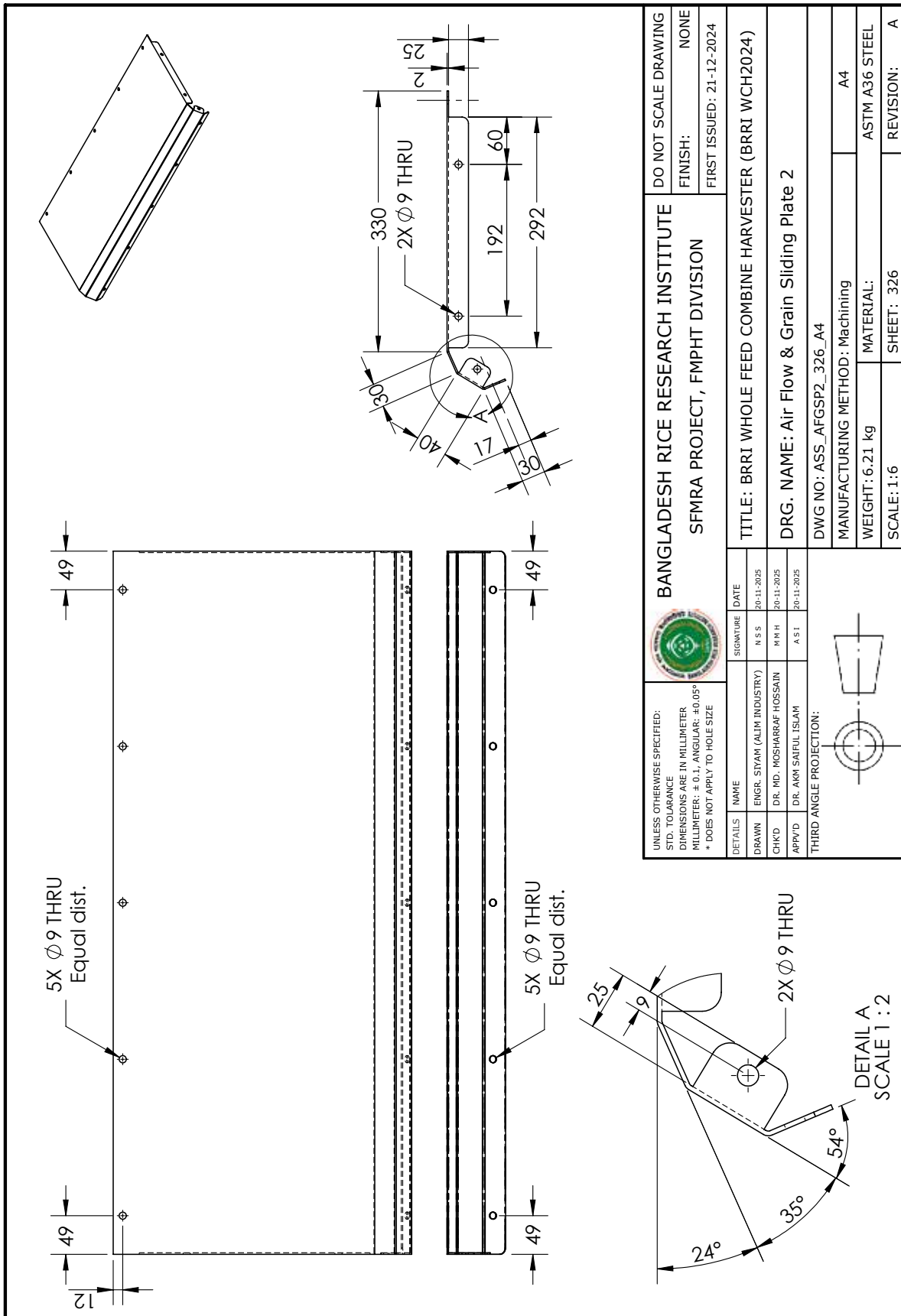


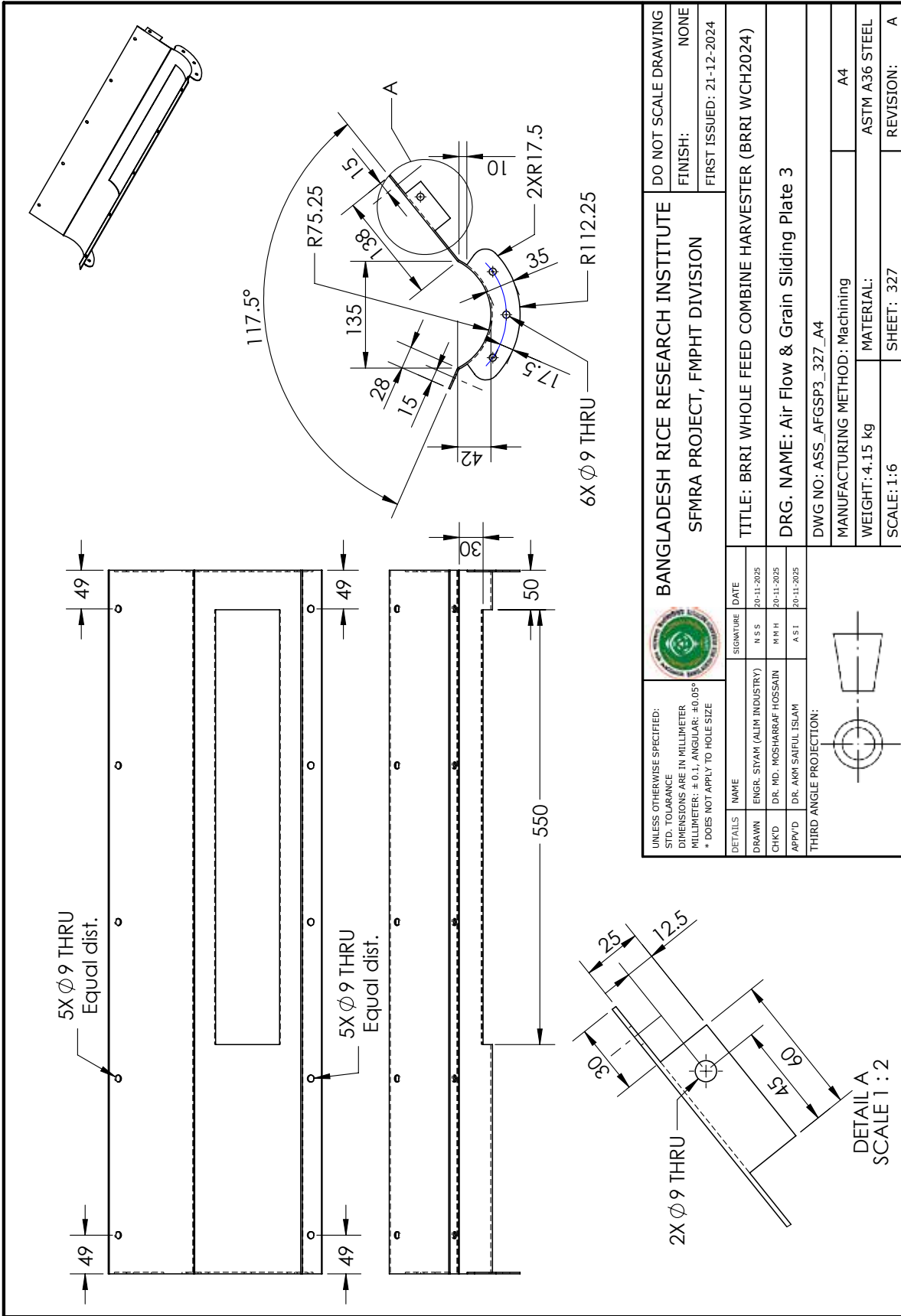
Sub- assembly 08
Cleaning section
Sheet no. 324 – 360

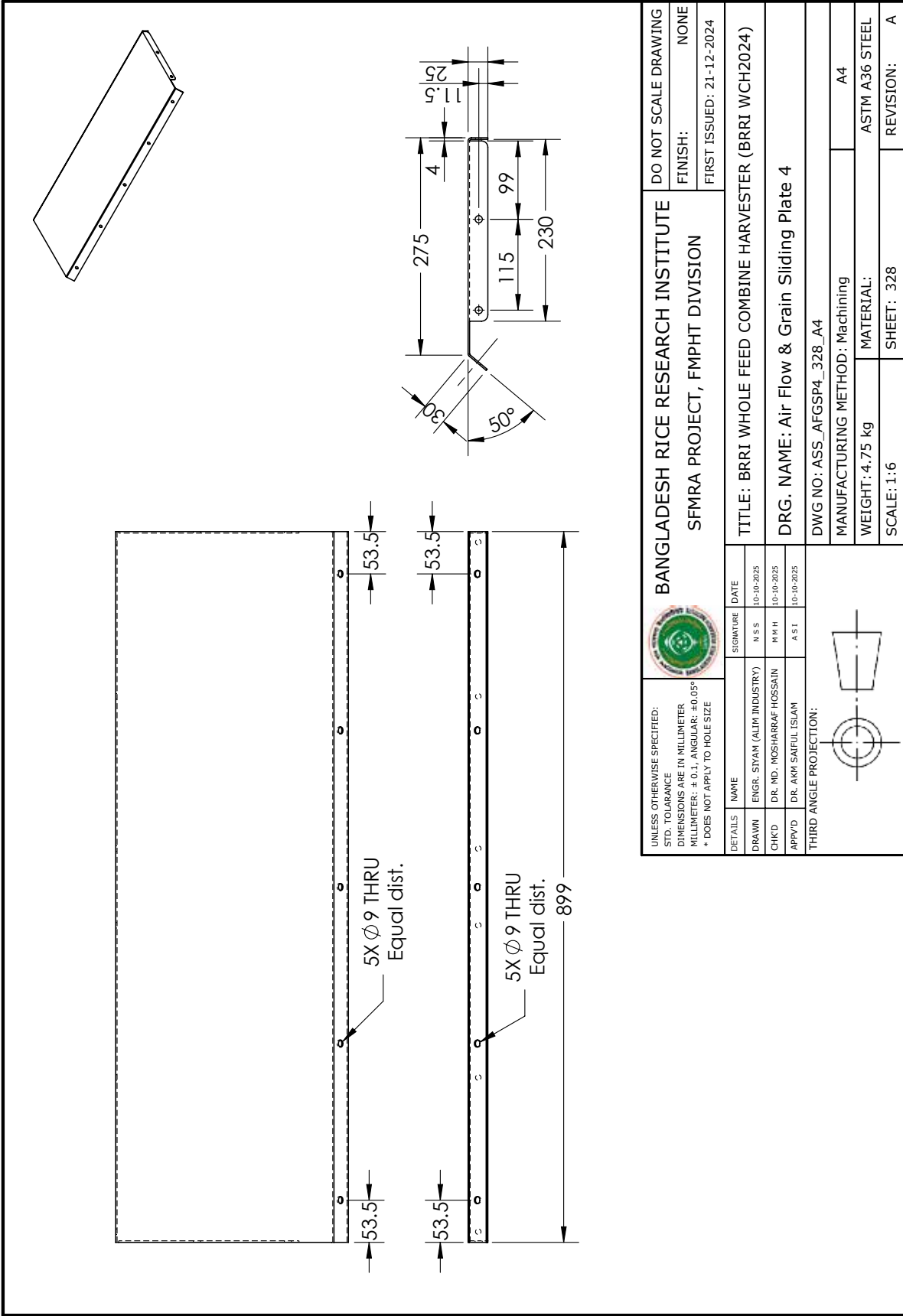



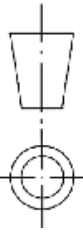


UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1, ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SYAM (ALIM INDUSTRY)	A S S	10-10-2025	DRG. NAME: Air Flow & Grain Sliding Plate 1			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M M H	10-10-2025	DWG NO: ASS_AFGSP1_325_A4			
APP'VD	DR. ANM SAIFUL ISLAM	A S I	10-10-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:						WEIGHT: 7.8 kg SCALE: 1:7	
				MATERIAL: ASTM A36 STEEL		REVISION: A	

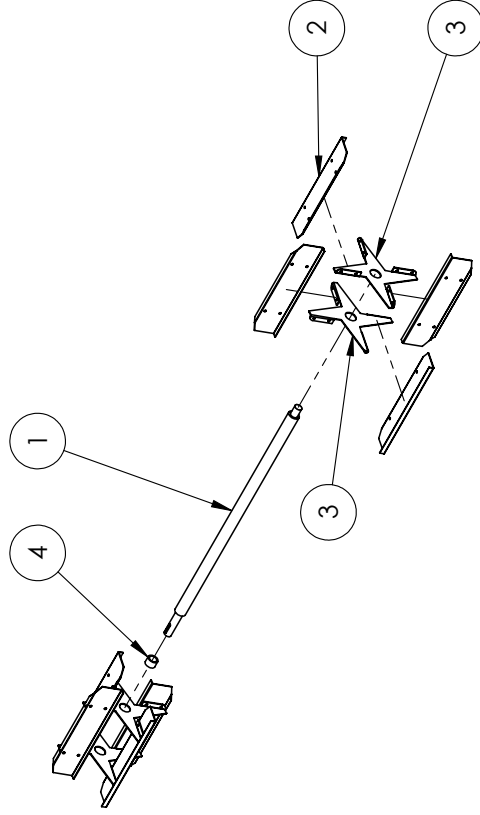
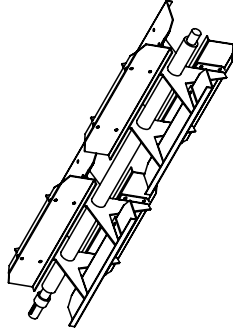



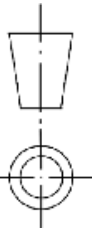


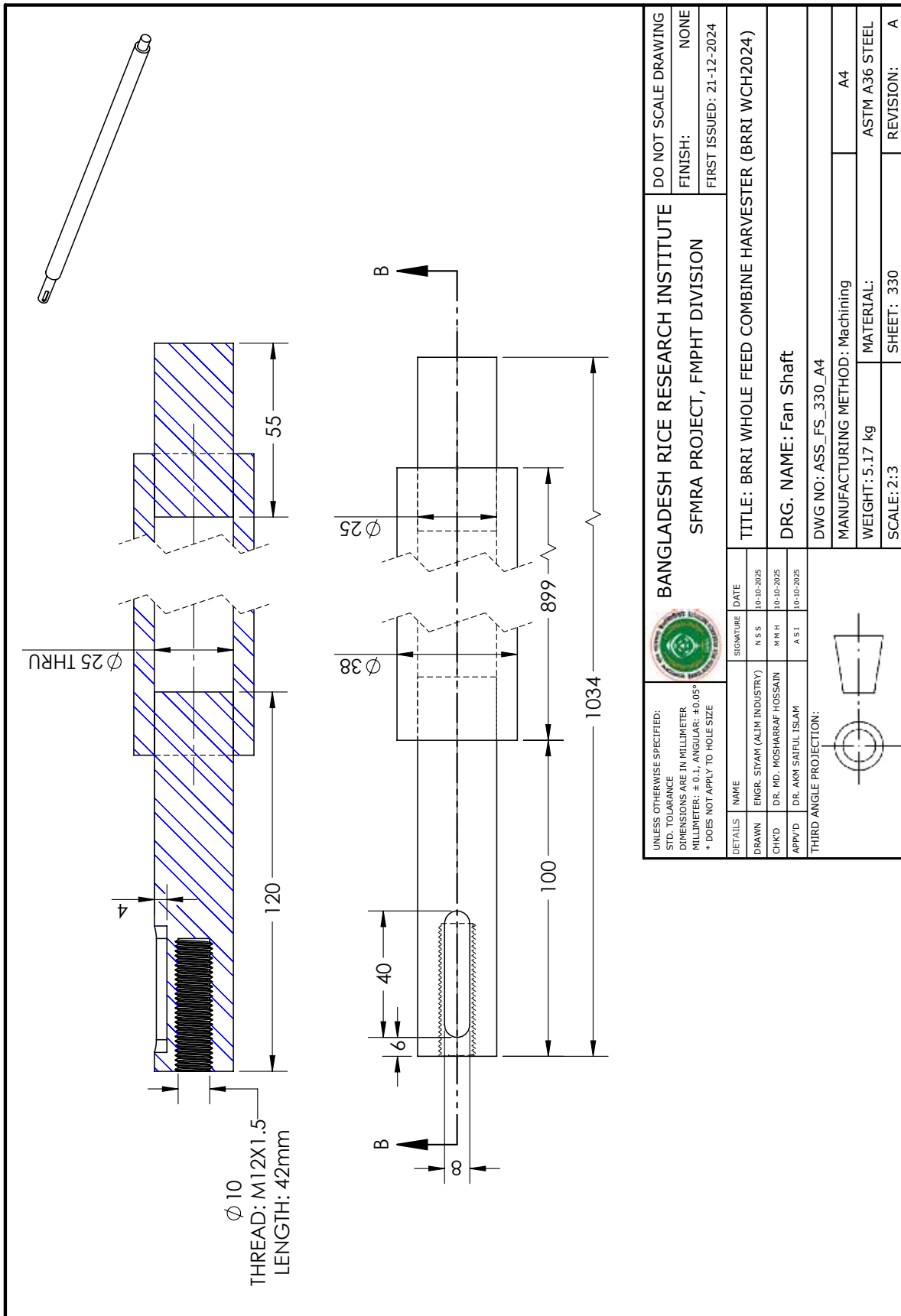


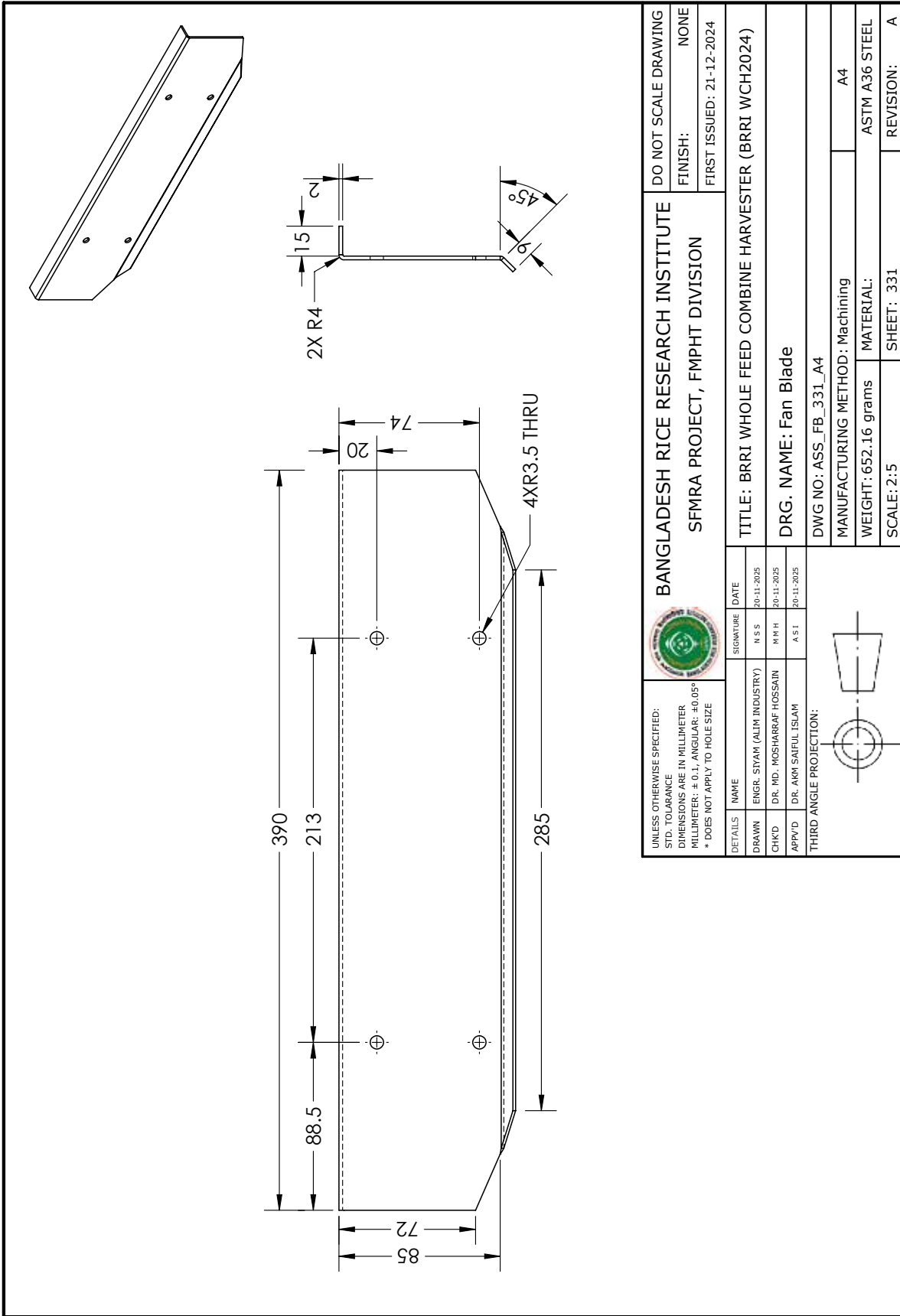
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	10-10-2025	DRG. NAME: Air Flow & Grain Sliding Plate 4			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	10-10-2025	DWG NO: ASS_AFGSP4_328_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	10-10-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:							
				WEIGHT: 4.75 kg		MATERIAL: ASTM A36 STEEL	
				SCALE: 1:6		SHEET: 328	
						REVISION: A	

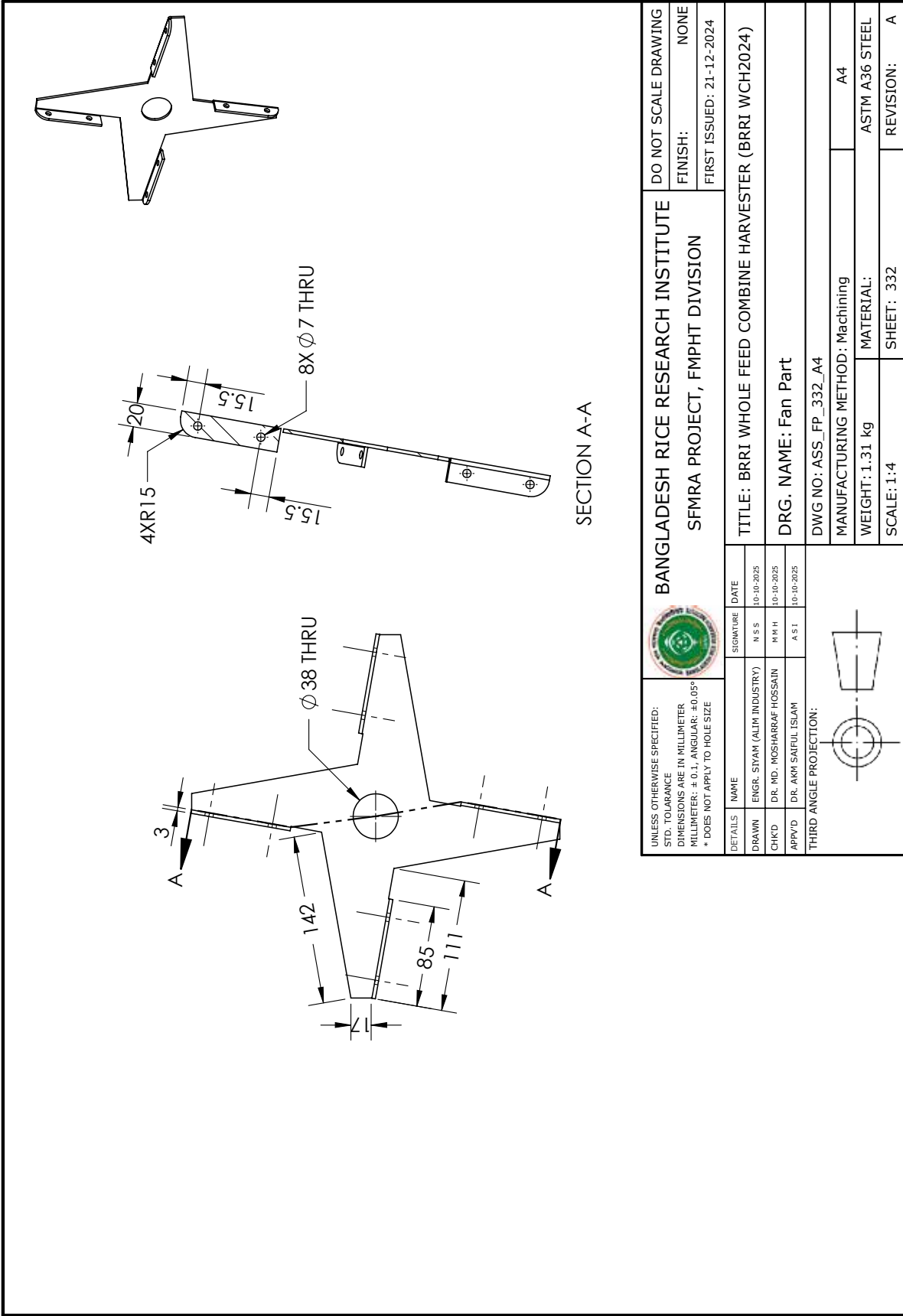
ITEM NO.	PART NAME	QTY.	PART NUMBER	MATERIAL
1	Fan Shaft	1	ASS_FS_330_A4	ASTM A36 STEEL
2	Fan Blade	8	ASS_FB_331_A4	ASTM A36 STEEL
3	Fan Part	4	ASS_FPF_333_A4	ASTM A36 STEEL
4	Bush	1	ASS_BUSH_330_A4	ASTM A36 STEEL




		BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING	
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024) DRG. NAME: Fan Combination DWG NO.: ASS_FC_329_A4		FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS		SIGNATURE		DATE	
DRAWN: ENGR. SIYAM (ALIM INDUSTRY)		N S S		10-10-2025	
CHK'D: DR. MD. MOSHARRAF HOSSAIN		M R H		10-10-2025	
APP'VD: DR. AKM SAIFUL ISLAM		A S I		10-10-2025	
THIRD ANGLE PROJECTION:					
					
MANUFACTURING METHOD: Machining		WEIGHT: 15.72 kg		MATERIAL: ASTM A36 STEEL	
SCALE: 1:20		SHEET: 329		REVISION: A	

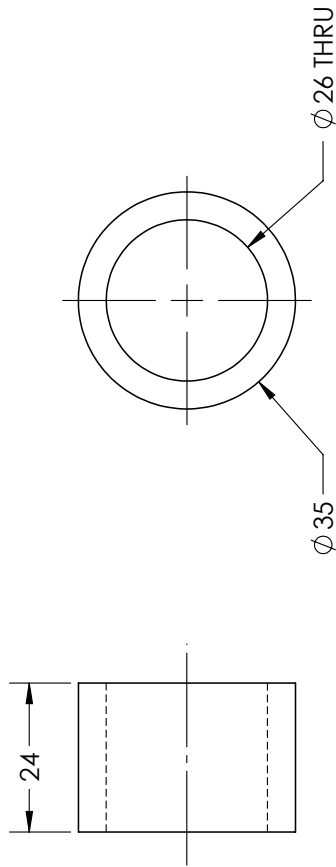



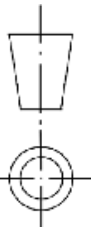


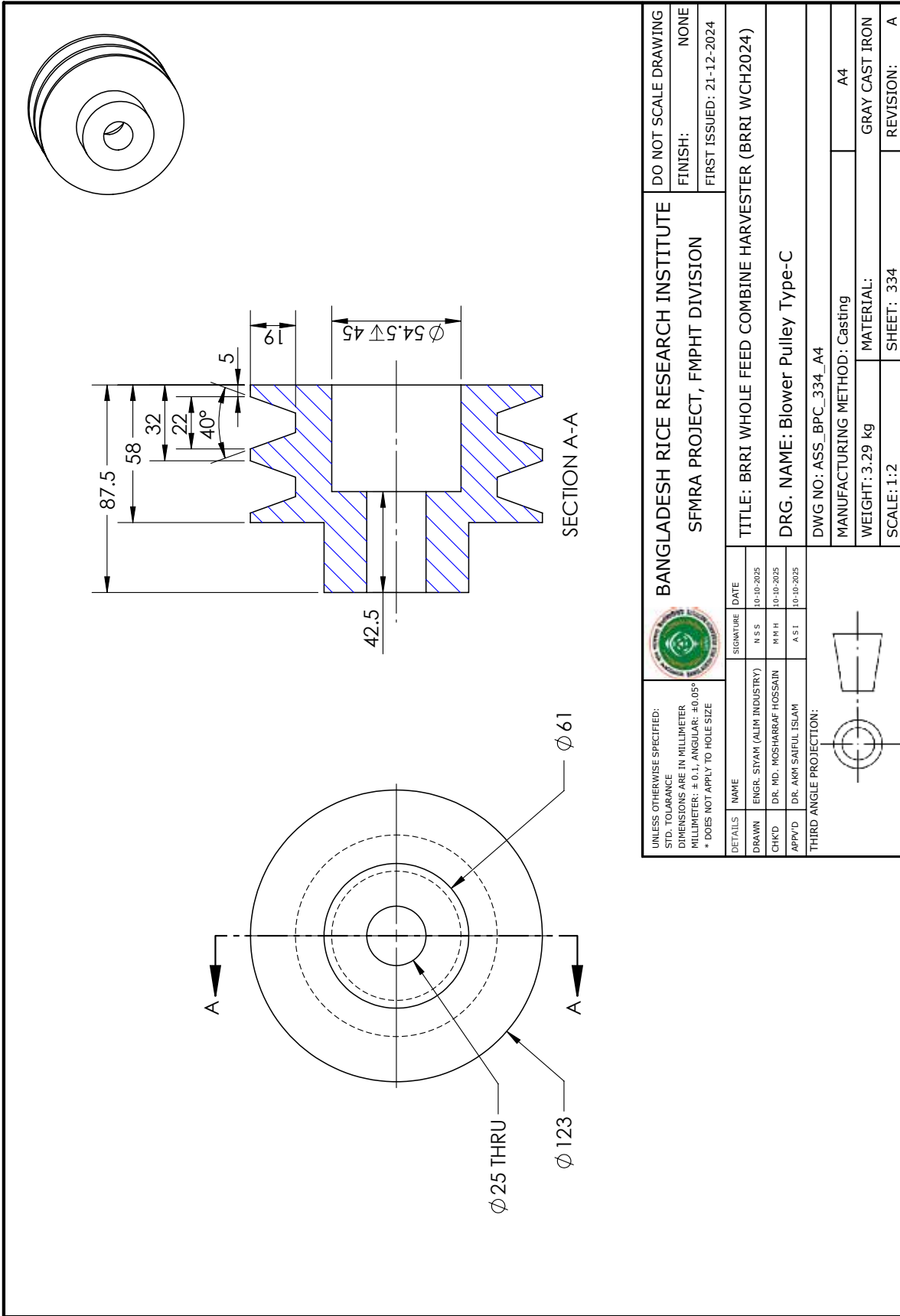



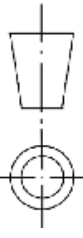
SECTION A-A

UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1 ; ANGULAR: $\pm 0.05^\circ$ * DOES NOT APPLY TO HOLE SIZE		SIGNATURE N S S	DATE 10-10-2025	DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
		DRAWN ENGR. SIYAM (ALIM INDUSTRY)	CHK'D DR. MD. MOSHARRAF HOSSAIN		TITLE: BARRI WHOLE FEED COMBINE HARVESTER (BARRI WCH2024) SFMRA PROJECT, FMPHT DIVISION
		APP'VD DR. AKM SAIFUL ISLAM	DRG. NAME: Fan Part DWG NO.: ASS_FP_332_A4 MANUFACTURING METHOD: Machining WEIGHT: 1.31 kg SCALE: 1:4		MATERIAL: ASTM A36 STEEL SHEET: 332 REVISION: A

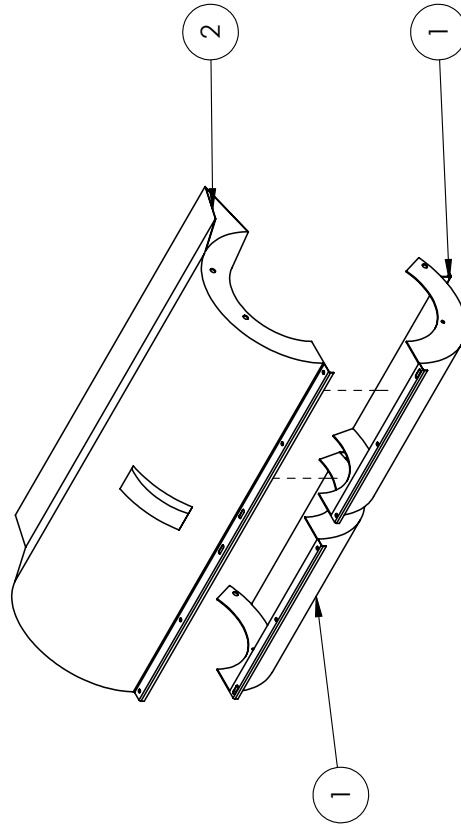
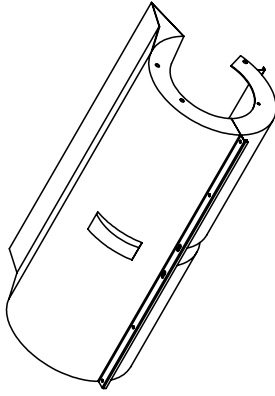



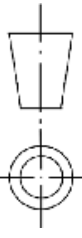
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS NAME SIGNATURE DATE DRAWN ENGR. SIYAM (ALIM INDUSTRY) N S S 10-10-2025 CHK'D DR. MD. MOSHARRAF HOSSAIN M R H 10-10-2025 APP'VD DR. AKM SAIFUL ISLAM A S I 10-10-2025		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024) DRG. NAME: Bush DWG NO.: ASS_BUSH_333_A4		MANUFACTURING METHOD: Machining WEIGHT: 81.23 grams SCALE: 1:1		A4 ASTM A36 STEEL SHEET: 333 REVISION: A	
THIRD ANGLE PROJECTION:							

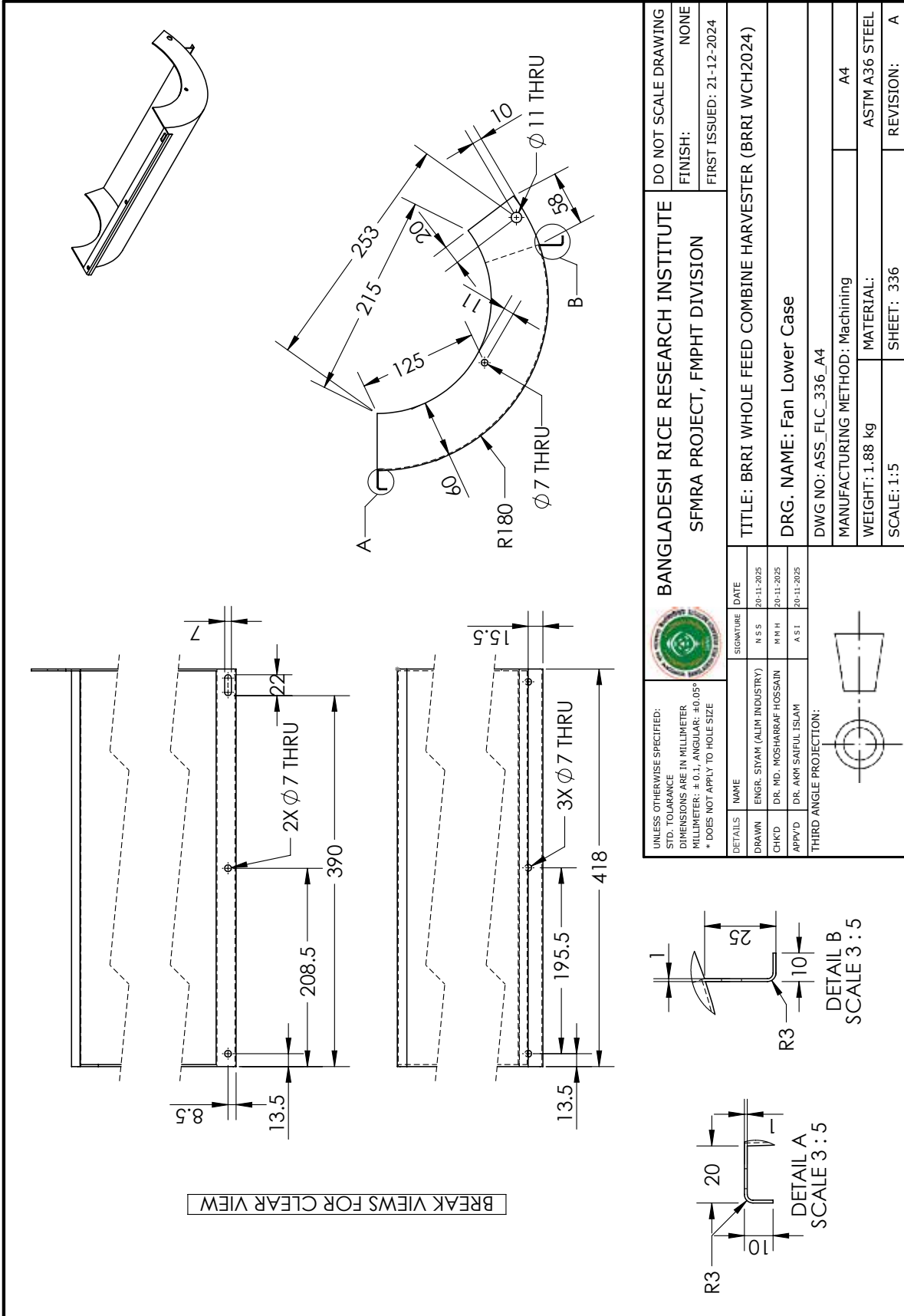


UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	10-10-2025	DRG. NAME: Blower Pulley Type-C			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	10-10-2025	DWG NO: ASS_BPC_334_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	10-10-2025	MANUFACTURING METHOD: Casting			
THIRD ANGLE PROJECTION:				WEIGHT: 3.29 kg			
				MATERIAL: GRAY CAST IRON			
				SCALE: 1:2			
				SHEET: 334			
				REVISION: A			


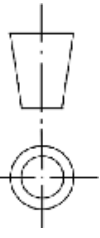
ITEM NO.	PART NAME	QTY.	PART NUMBER	MATERIAL
1	Fan Lower Case	2	ASS_FLC_336_A4	ASTM A36 STEEL
2	Fan Upper Case	1	ASS_FUC_337_A4	ASTM A36 STEEL

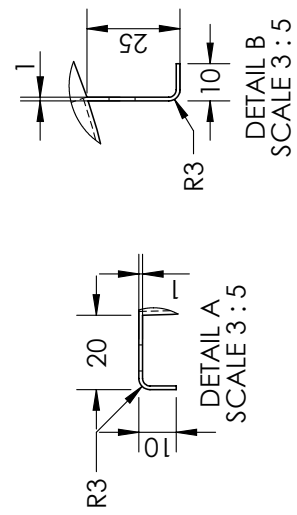


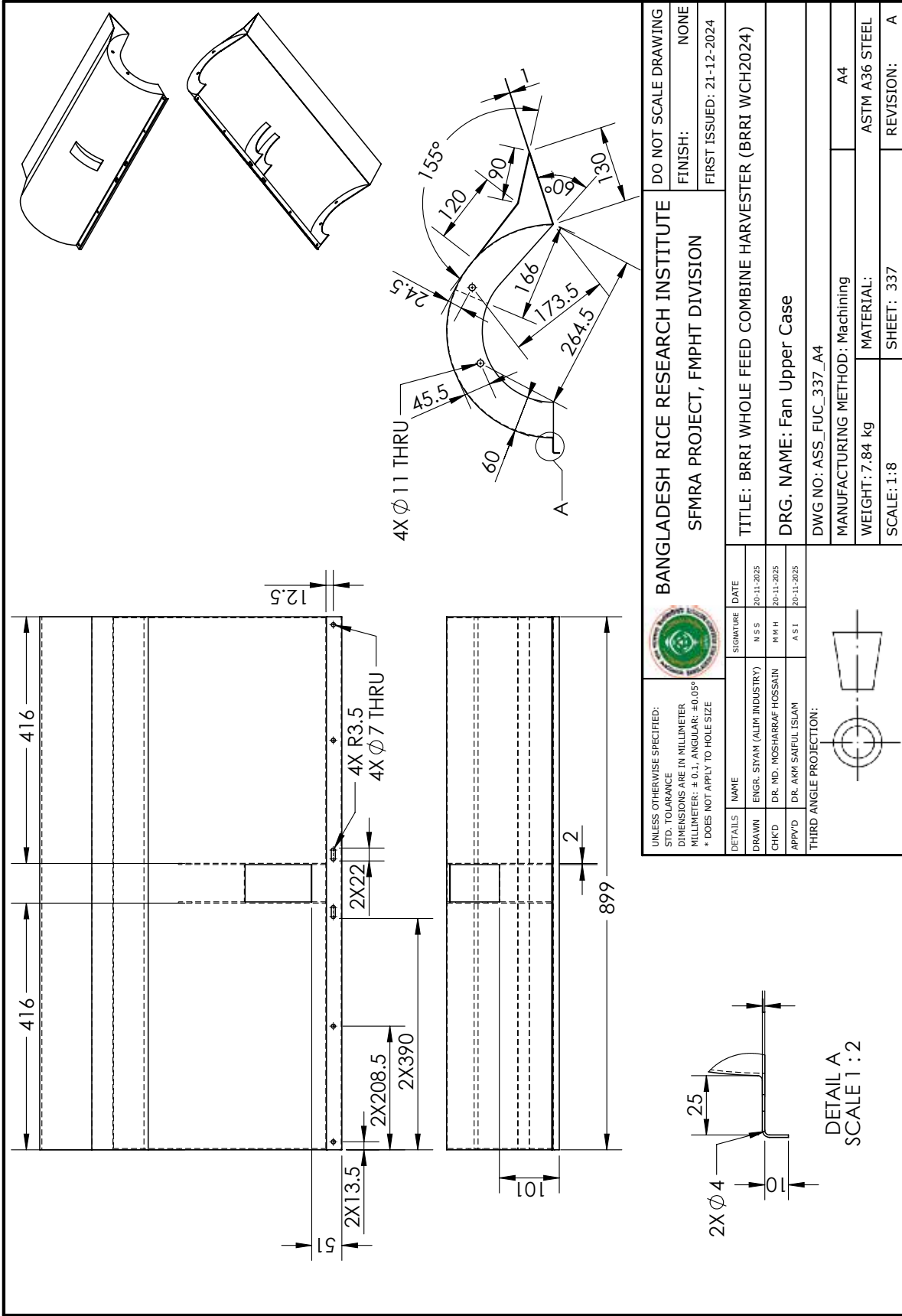
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS NAME: ENGR. SIYAM (ALIM INDUSTRY) CH'K'D: DR. MD. MOSHARRAF HOSSAIN APP'VD: DR. AKM SAIFUL ISLAM		SIGNATURE N S S M N H A S I		DATE 10-10-2025 10-10-2025 10-10-2025		TITLE: BRR I WHOLE FEED COMBINE HARVESTER (BRR I WCH2024)	
THIRD ANGLE PROJECTION: 		DRG. NAME: Fan Cover Assembly		DWG NO.: ASS_FCA_335_A4		MANUFACTURING METHOD: Machining	
		WEIGHT: 13.58 kg		MATERIAL: ASTM A36 STEEL		SCALE: 1:12	
		SHEET: 335		REVISION: A			


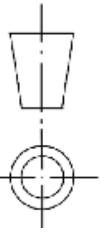


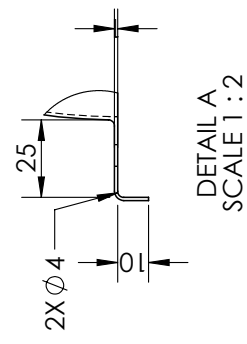
BREAK VIEWS FOR CLEAR VIEW

UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1, ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BIRRI WHOLE FEED COMBINE HARVESTER (BIRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	DRG. NAME: Fan Lower Case			
CHKD	DR. MD. MOSHARRAF HOSSAIN	M R H	20-11-2025	DWG NO: ASS_FLC_336_A4			
APPVD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:						WEIGHT: 1.88 kg	
				SCALE: 1:5		SHEET: 336	
				MATERIAL: ASTM A36 STEEL		REVISION: A	



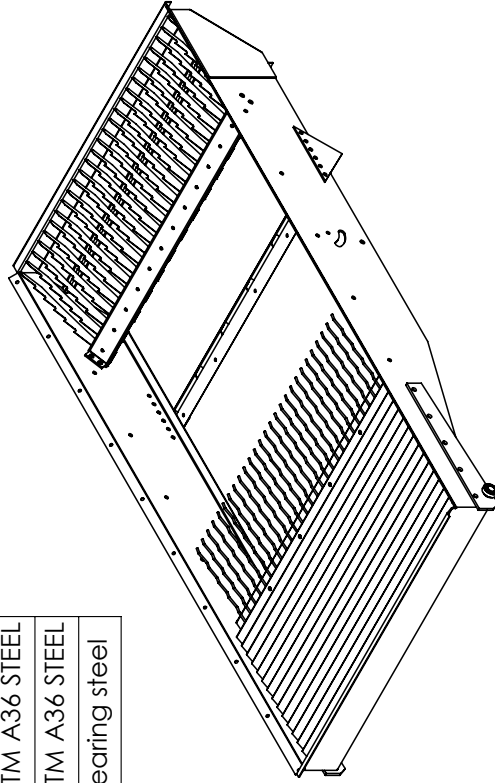



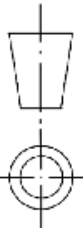
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ±0.1; ANGULAR: ±0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BIRRI WHOLE FEED COMBINE HARVESTER (BIRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	DRG. NAME: Fan Upper Case			
CHKD	DR. MD. MOSHARRAF HOSSAIN	M N H	20-11-2025	DWG NO.: ASS_FUC_337_A4			
APPVD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:						WEIGHT: 7.84 kg	
				SCALE: 1:8		MATERIAL: ASTM A36 STEEL	
				SHEET: 337		REVISION: A	



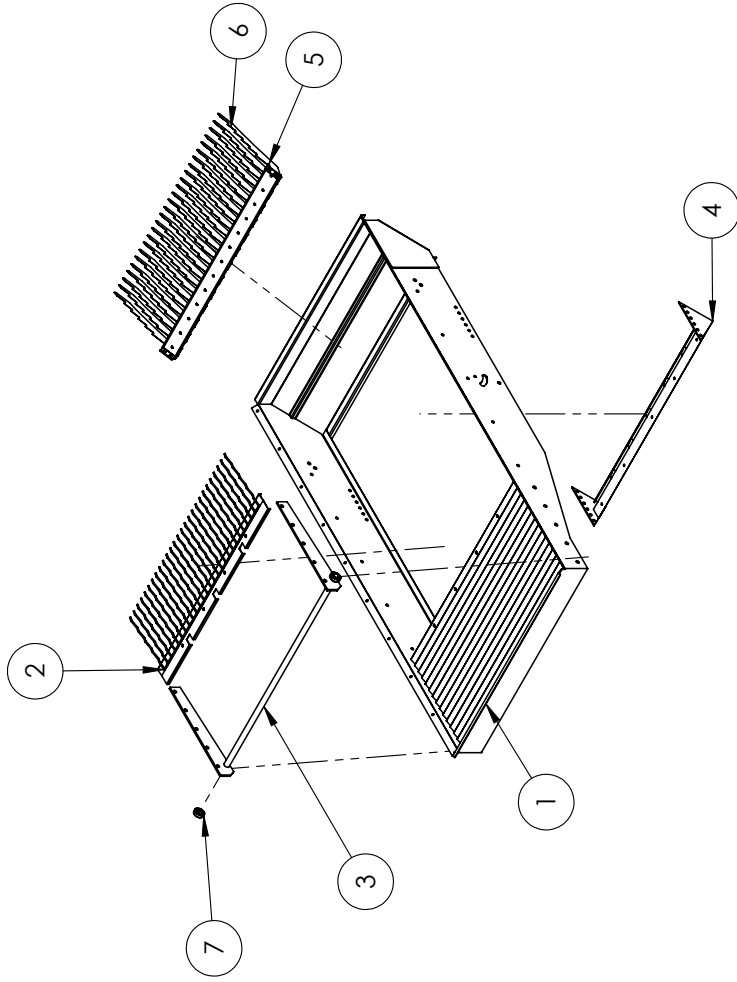
BILL OF MATERIAL: VIBRATING SCREEN ASSEMBLY


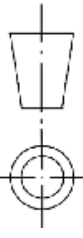
ITEM NO.	PART NAME	QTY.	PART NUMBER	MATERIAL
1	Main Frame	1	ASS_MF_340_A4	ASTM A36 STEEL
2	Screen Body Accessories - 1	1	ASS_SBA1_345_A4	ASTM A36 STEEL
3	Screen Body Accessories - 2	1	ASS_SBA2_346_A4	ASTM A36 STEEL
4	Screen Body Accessories - 3	1	ASS_SBA3_347_A4	ASTM A36 STEEL
5	Separator Holder	1	ASS_SH_348_A4	ASTM A36 STEEL
6	Separator	13	ASS_SEPARATOR_349_A4	ASTM A36 STEEL
7	SBA_Bearing	2	ASS_SBAB_350_A4	Bearing steel



		BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024) DRG. NAME: Vibrating Screen Assembly		FINISH: NONE FIRST ISSUED: 21-12-2024
DETAILS DRAWN: ENGR. SIYAM (ALIM INDUSTRY) CHK'D: DR. MD. MOSHARRAF HOSSAIN APP'VD: DR. AKM SAIFUL ISLAM	SIGNATURE N S S M N H A S I	DATE 10-10-2025 10-10-2025 10-10-2025	DWG NO.: ASS_VSA_338_A4 MANUFACTURING METHOD: Machining WEIGHT: 51.85 kg SCALE: 1:14	
THIRD ANGLE PROJECTION: 		MATERIAL: ASTM A36 STEEL SHEET: 338 REVISION: A		

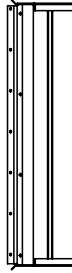
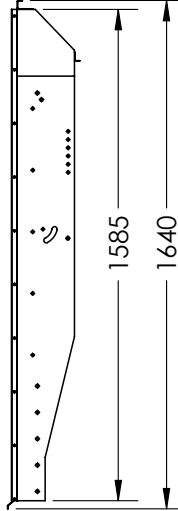
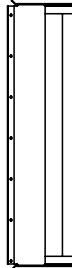
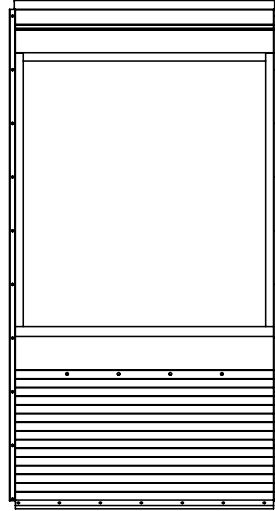
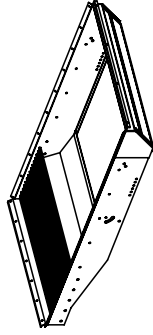
EXPLODED VIEW: VIBRATING SCREEN ASSEMBLY


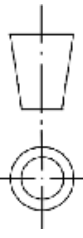


UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1 ; ANGULAR: $\pm 0.05^\circ$ * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	12-10-2025	DRG. NAME: Vibrating Screen Assembly			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	12-10-2025	DWG NO: ASS_VSA_339_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	12-10-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:				WEIGHT: 51.85 kg			
				SCALE: 1:16			
				MATERIAL: ASTM A36 STEEL			
				SHEET: 339			
				REVISION: A			

NB: Not a complete drawing. See next page.

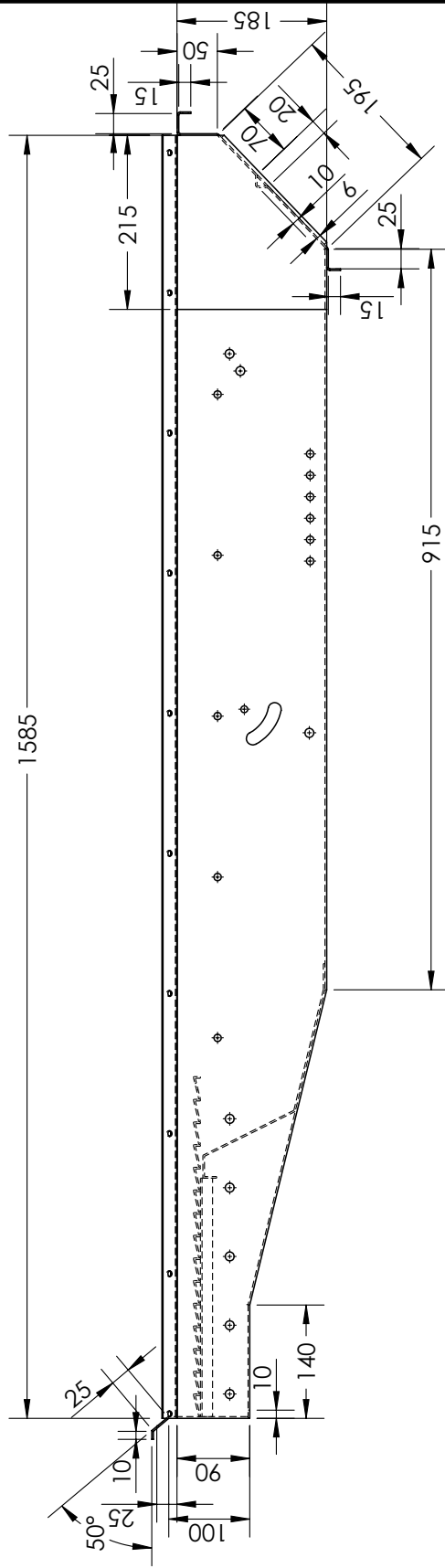
NB: All sheet thickness: 2mm


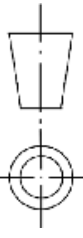


UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	12-10-2025	DRG. NAME: Main Frame			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M H H	12-10-2025	DWG NO.: ASS_MF_340_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	12-10-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:							
				WEIGHT: 38.71 kg		MATERIAL: ASTM A36 STEEL	
				SCALE: 1:20		SHEET: 340	
						REVISION: A	

NB: Not a complete drawing. See next page.

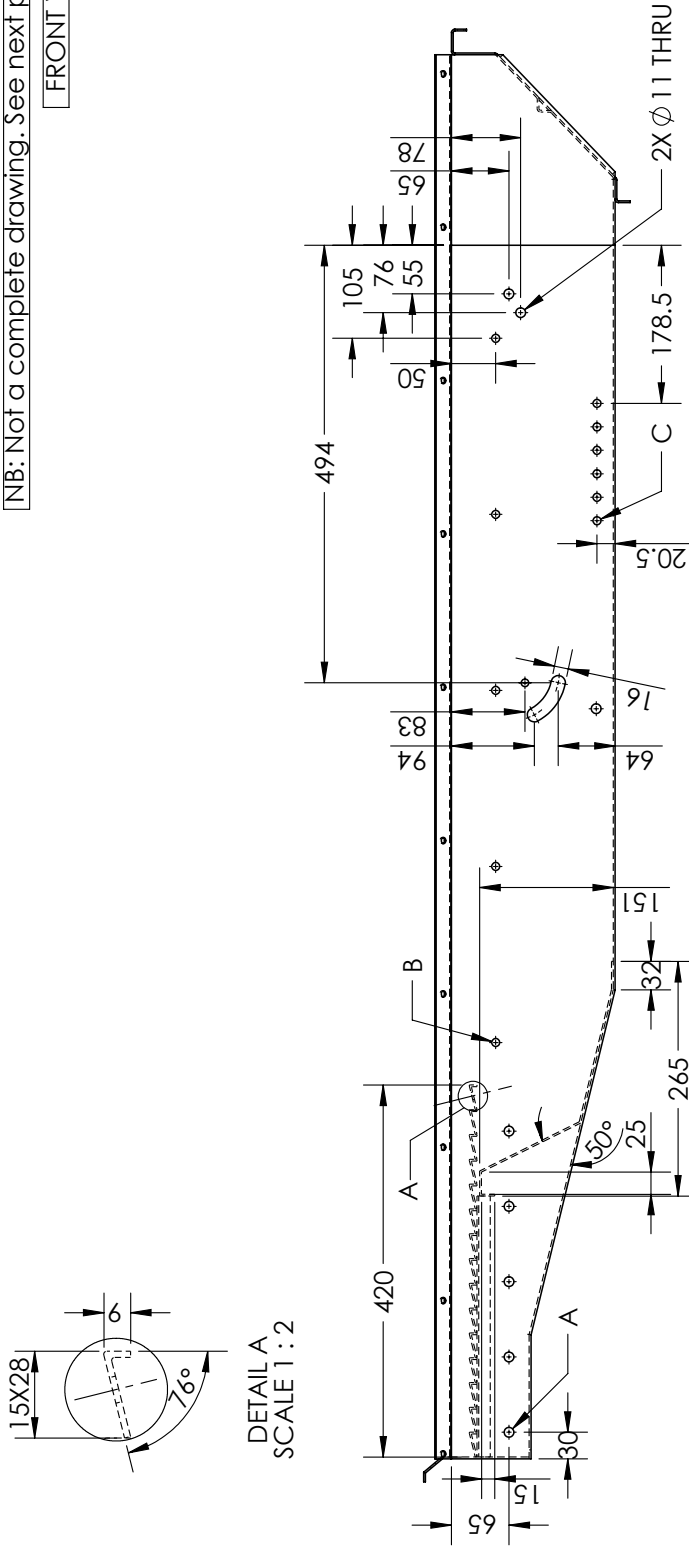
FRONT VIEW


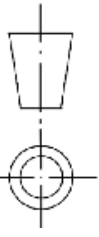


UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	DRG. NAME: Main Frame			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M H H	20-11-2025	DWG NO.: ASS_MF_341_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining WEIGHT: 38.71 kg SCALE: 1:7 MATERIAL: ASTM A36 STEEL SHEET: 341 REVISION: A			
THIRD ANGLE PROJECTION:							

NB: Not a complete drawing. See next page.

FRONT VIEW

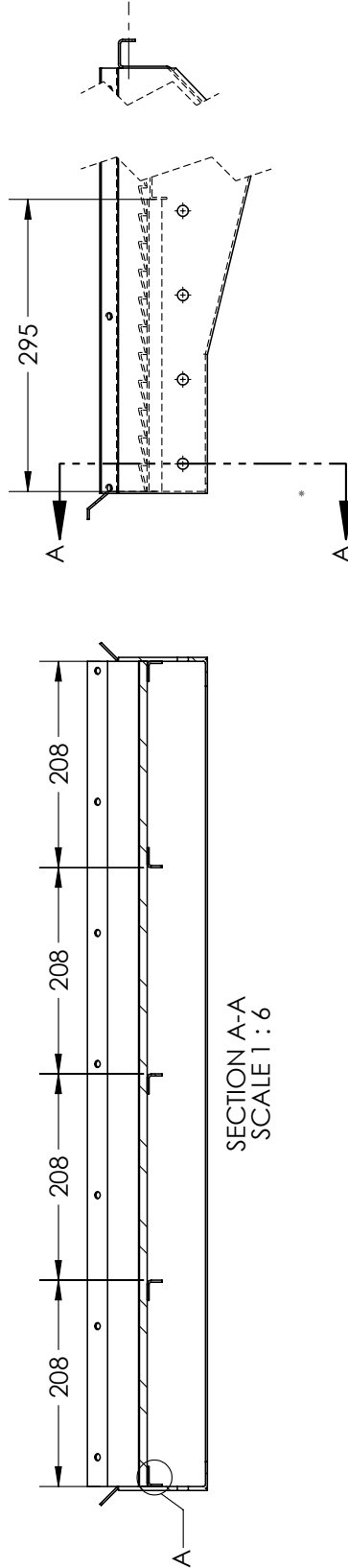
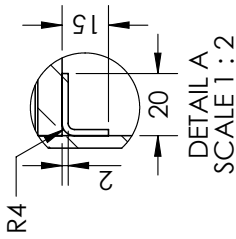






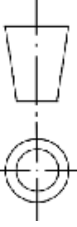
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1, ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE		 BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING
DETAILS		SIGNATURE	DATE	FINISH: NONE
DRAWN	ENGR. SIYAM (ALUM. INDUSTRY)	N S S	20-11-2025	FIRST ISSUED: 21-12-2024
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M H H	20-11-2025	
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	
THIRD ANGLE PROJECTION:		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)		
		DRG. NAME: Main Frame		
		DWG NO.: ASS_MF_342_A4		
		MANUFACTURING METHOD: Machining		
		WEIGHT: 38.71 kg		
		MATERIAL: ASTM A36 STEEL		
		SCALE: 1:7		
		SHEET: 342		
		REVISION: A		

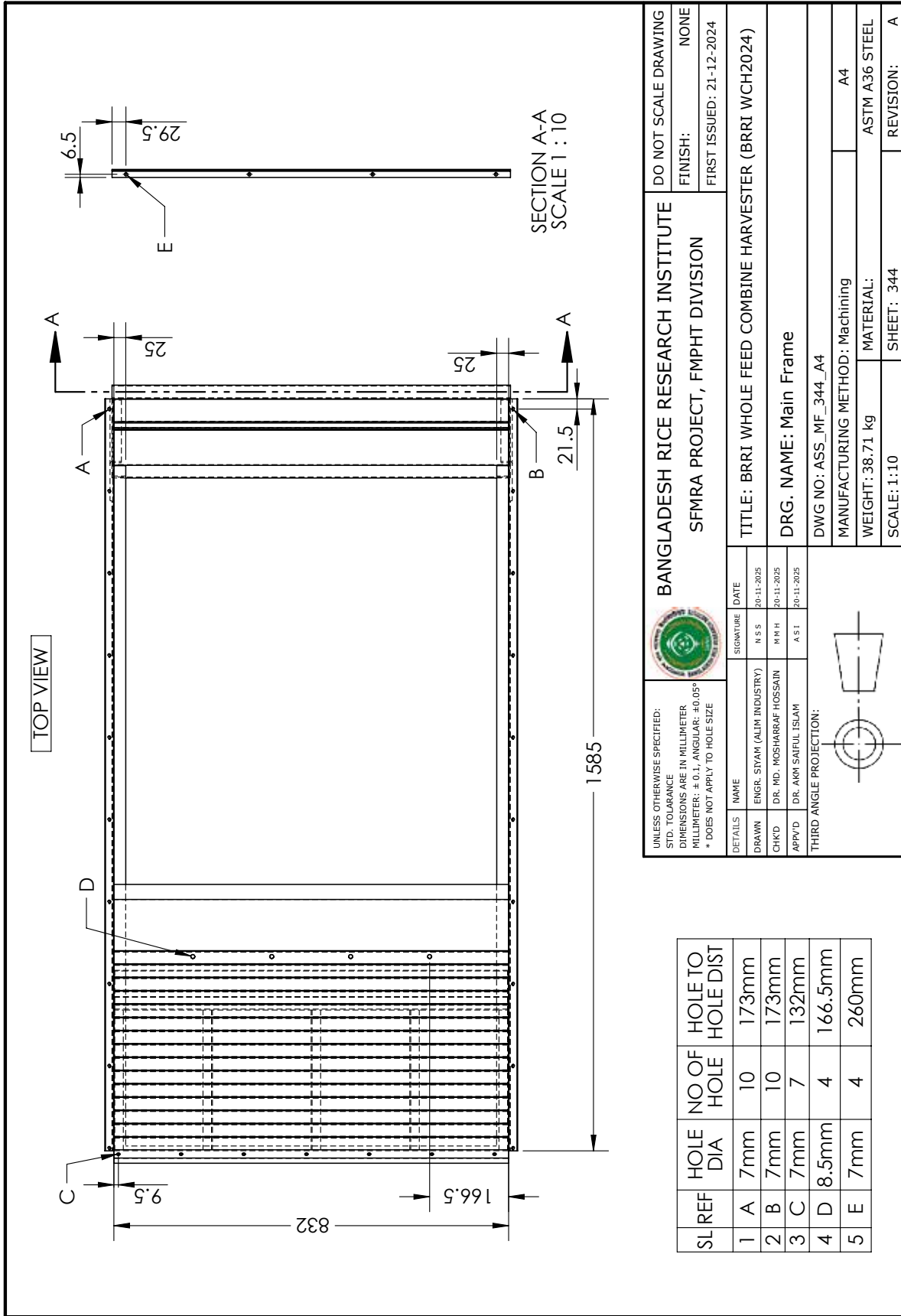
SL REF	HOLE DIA	NO OF HOLE	HOLE TO HOLE DIST
1	11mm	5	85mm
2	9mm	5	198.75mm
3	9mm	6	26.5mm

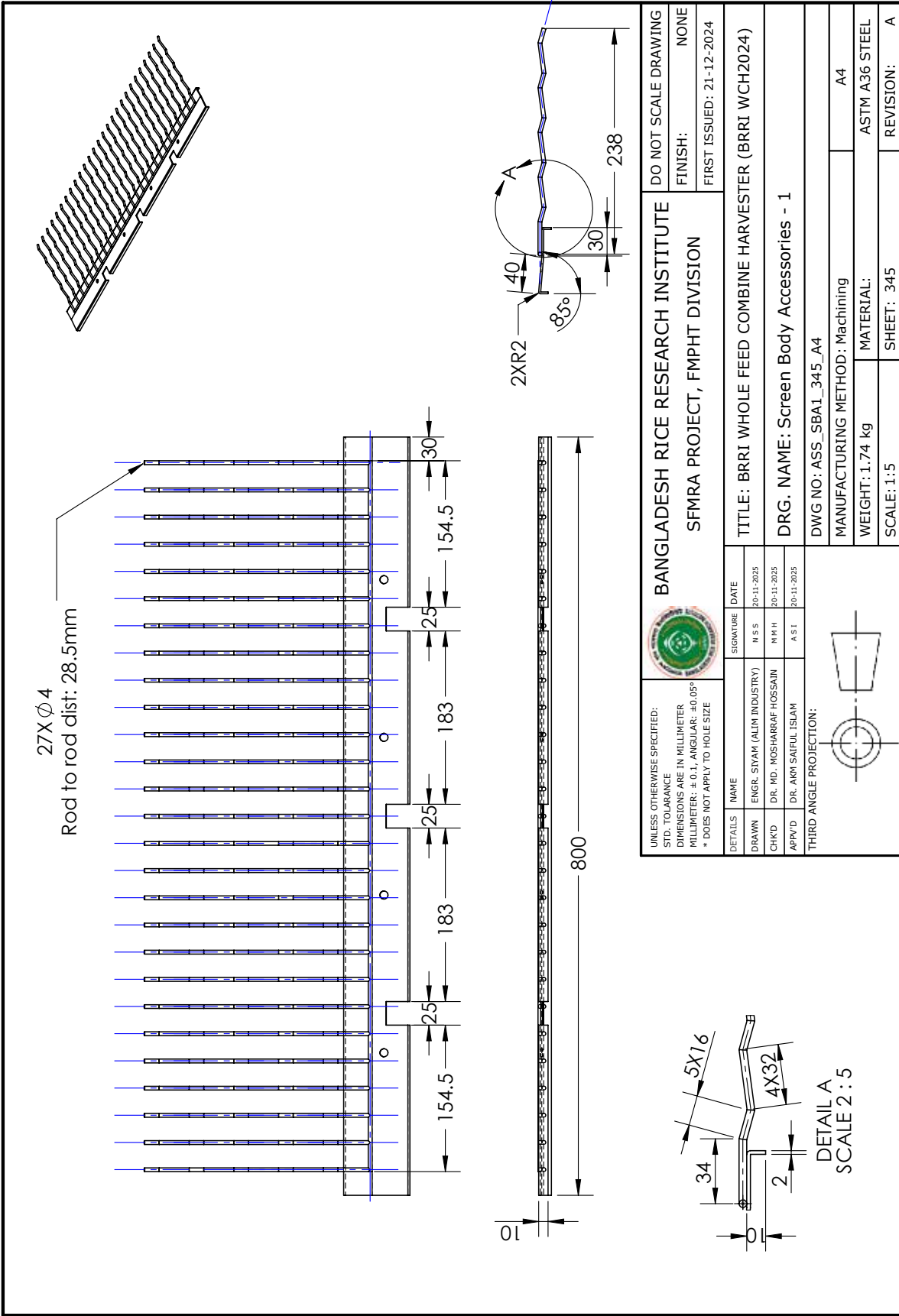
NB: Not a complete drawing. See next page.

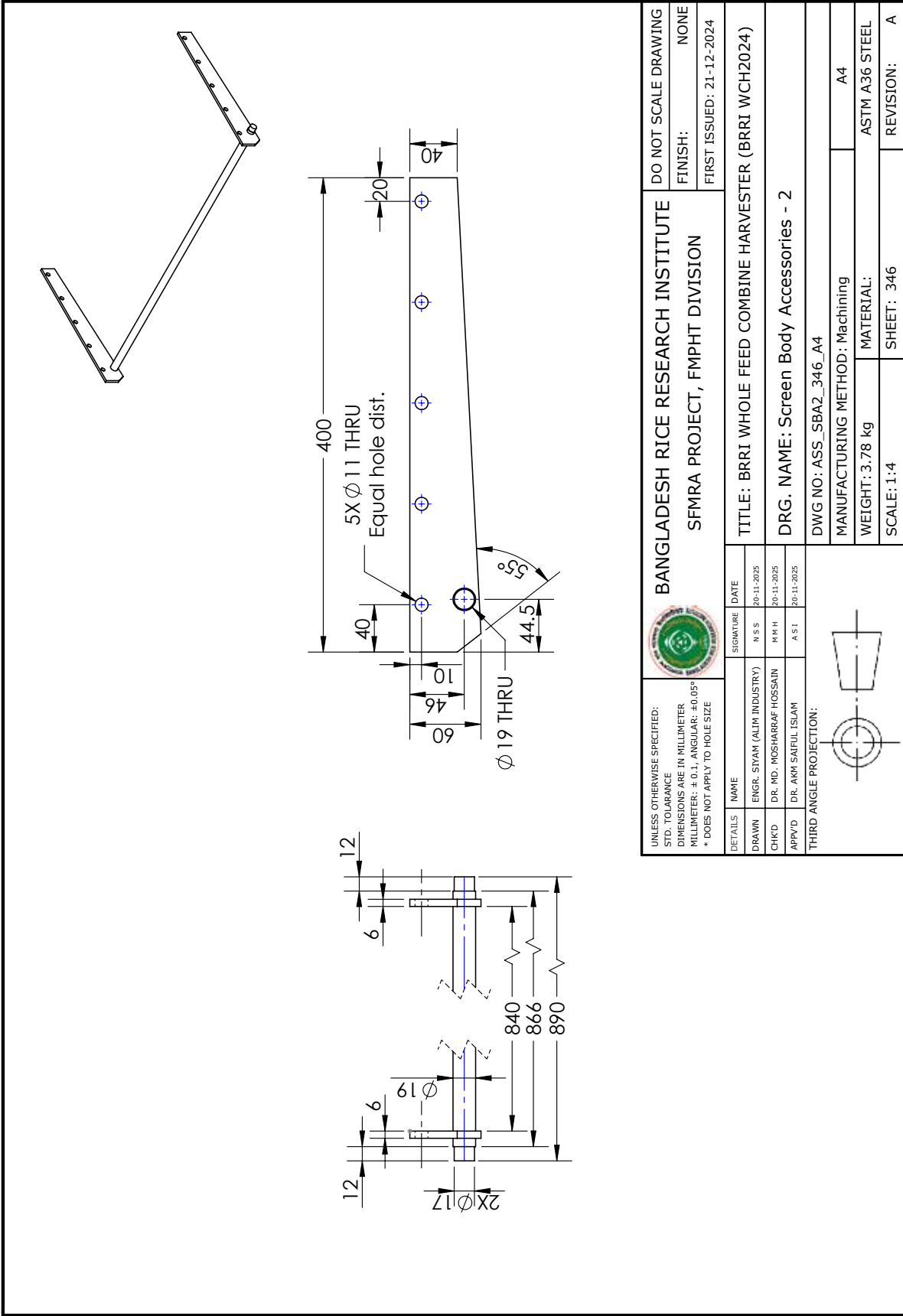
FRONT VIEW

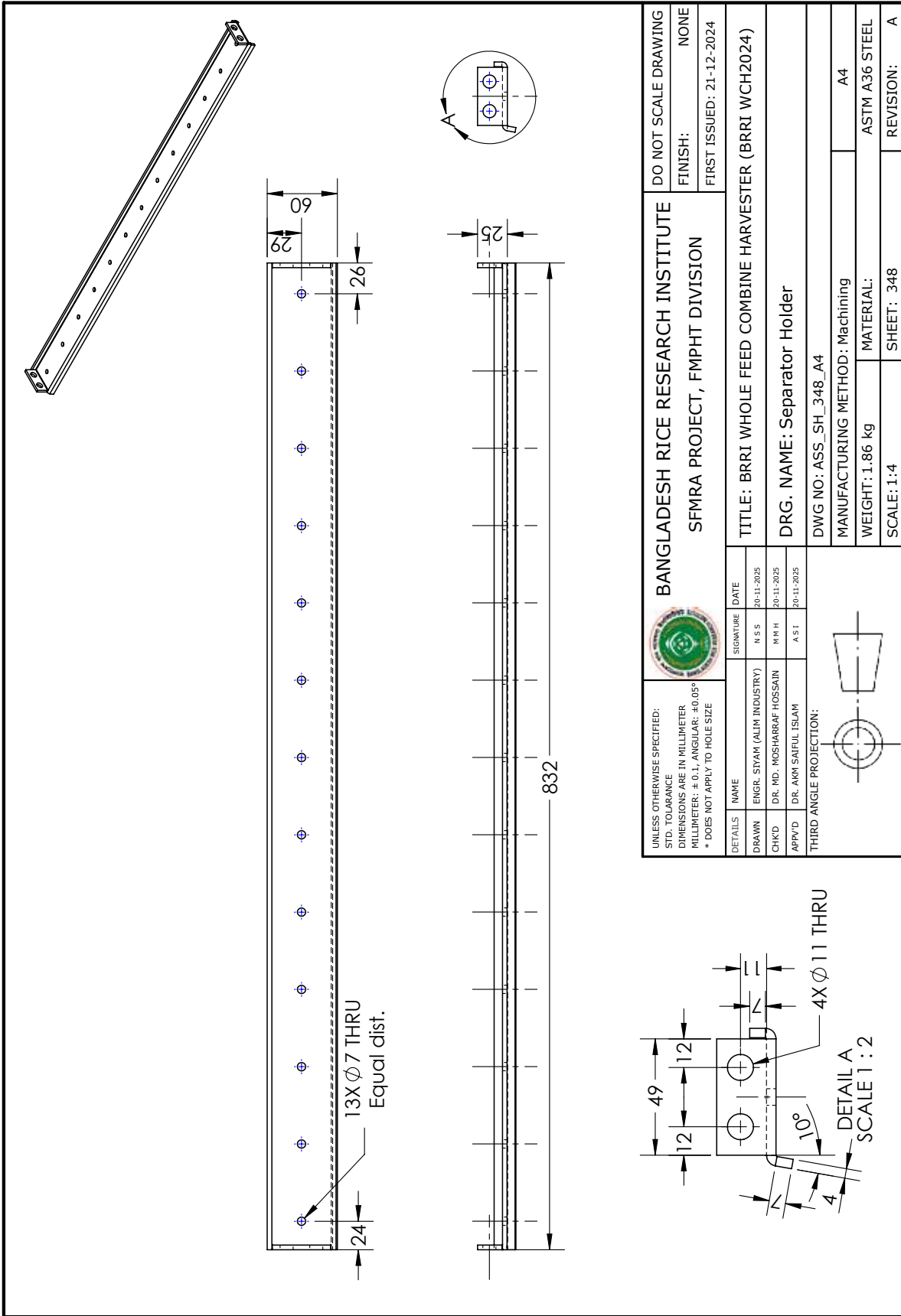


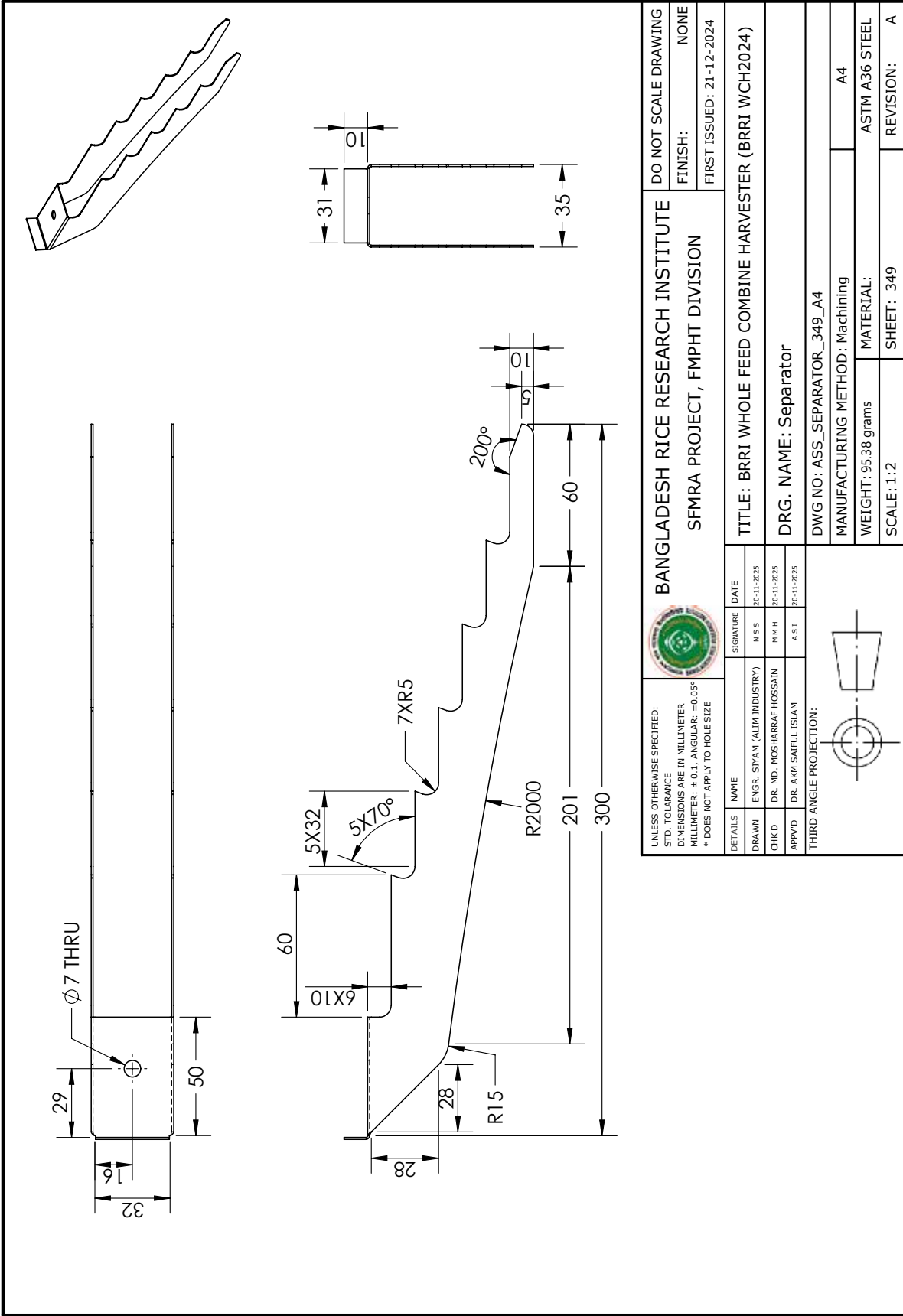
		BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1 ; ANGULAR: $\pm 0.05^\circ$ * DOES NOT APPLY TO HOLE SIZE		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024) DRG. NAME: Main Frame DWG NO.: ASS_MF_343_A4		FINISH: NONE FIRST ISSUED: 21-12-2024
DETAILS	NAME	SIGNATURE	DATE	
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)		20-11-2025	
CHK'D	DR. MD. MOSHARRAF HOSSAIN		20-11-2025	
APP'VD	DR. AKM SAIFUL ISLAM		20-11-2025	
THIRD ANGLE PROJECTION:				
				
MANUFACTURING METHOD: Machining		A4		
WEIGHT: 38.71 kg		MATERIAL: ASTM A36 STEEL		
SCALE: 1:6		SHEET: 343		
		REVISION: A		


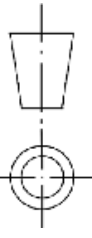


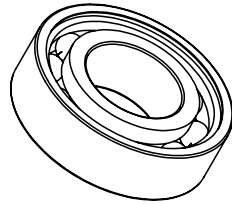





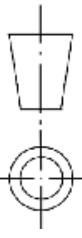




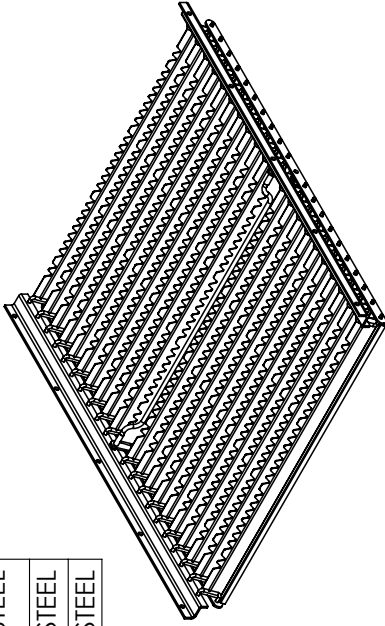
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	DRG. NAME: Separator			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	20-11-2025	DWG NO.: ASS_SEPARATOR_349_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:						WEIGHT: 95.38 grams	
				SCALE: 1:2		SHEET: 349	
						MATERIAL: ASTM A36 STEEL	
						REVISION: A	

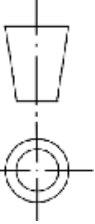



SCREEN BODY SHAFT BEARING
BEARING NO - 6303 DIMENSION
OD47 X ID17 X W14

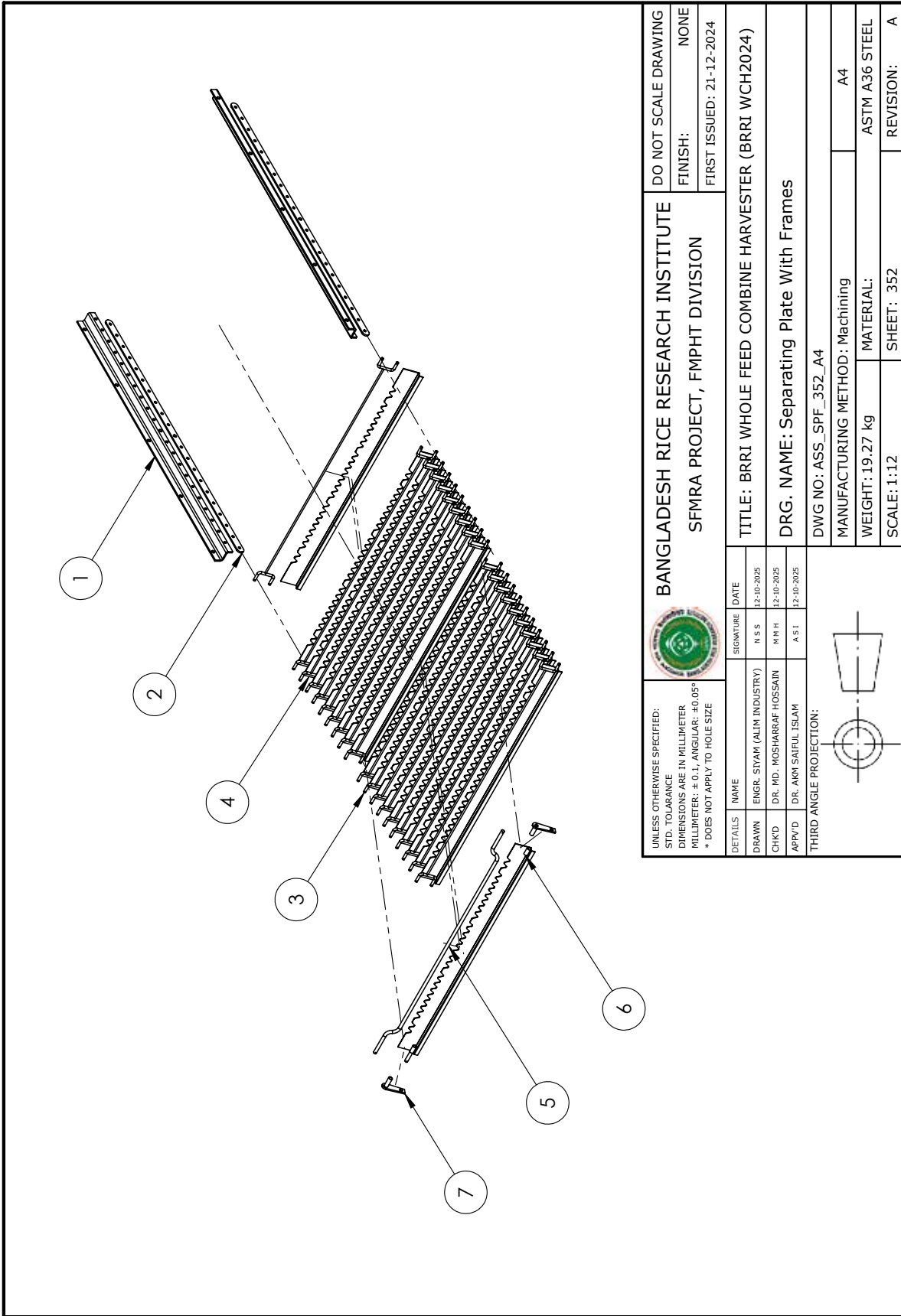
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS NAME SIGNATURE DATE DRAWN ENGR. SIYAM (ALIM INDUSTRY) N S S 12-10-2025 CHK'D DR. MD. MOSHARRAF HOSSAIN M R H 12-10-2025 APP'VD DR. AKM SAIFUL ISLAM A S I 12-10-2025		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)		DRG. NAME: SBA_Bearing		DWG NO: ASS_SBAB_350_A4	
THIRD ANGLE PROJECTION: 		MANUFACTURING METHOD: Machining		WEIGHT: 110 grams		MATERIAL: BEARING STEEL	
		SCALE: 1:1		SHEET: 350		REVISION: A	


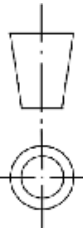
ITEM NO.	PART NAME	QTY.	PART NUMBER	MATERIAL
1	Separating Plate Frame	2	ASS_SPF_353_A4	ASTM A36 STEEL
2	Separating Plate Lower Attachment	2	ASS_SPLA_354_A4	ASTM A36 STEEL
3	Separating Sheet Rod Attachment	20	ASS_SSRA_355_A4	ASTM A36 STEEL
4	Separating Bended Sheet	20	ASS_SBS_356_A4	ASTM A36 STEEL
5	Separating Sheet Rod Attachment - Mid Part	1	ASS_SSRAM_357_A4	ASTM A36 STEEL
6	Separating Bended Sheet - Mid Part	1	ASS_SBSM_358_A4	ASTM A36 STEEL
7	Bush for Mid Part	2	ASS_BMP_359_A4	ASTM A36 STEEL

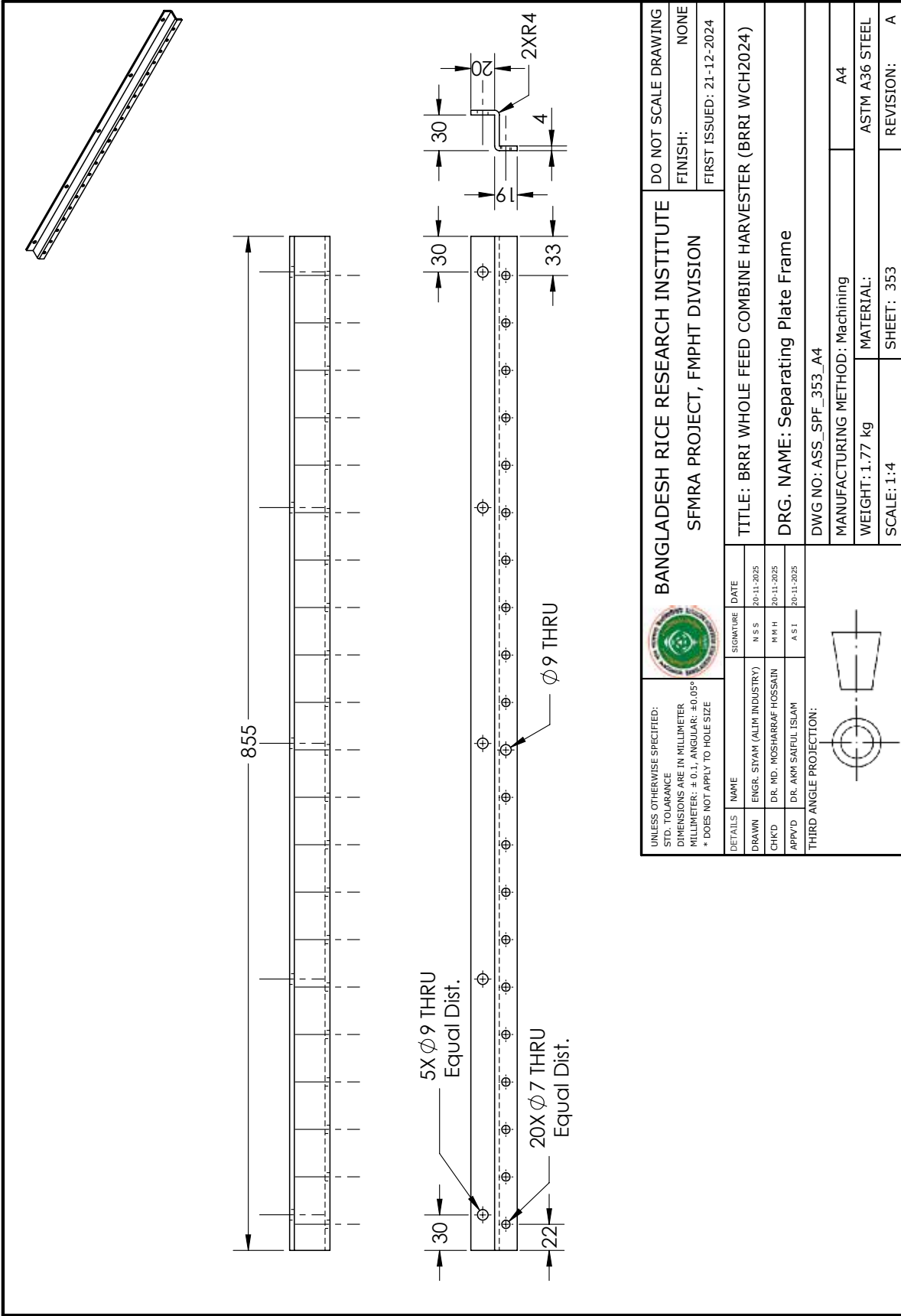



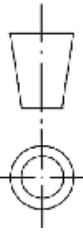


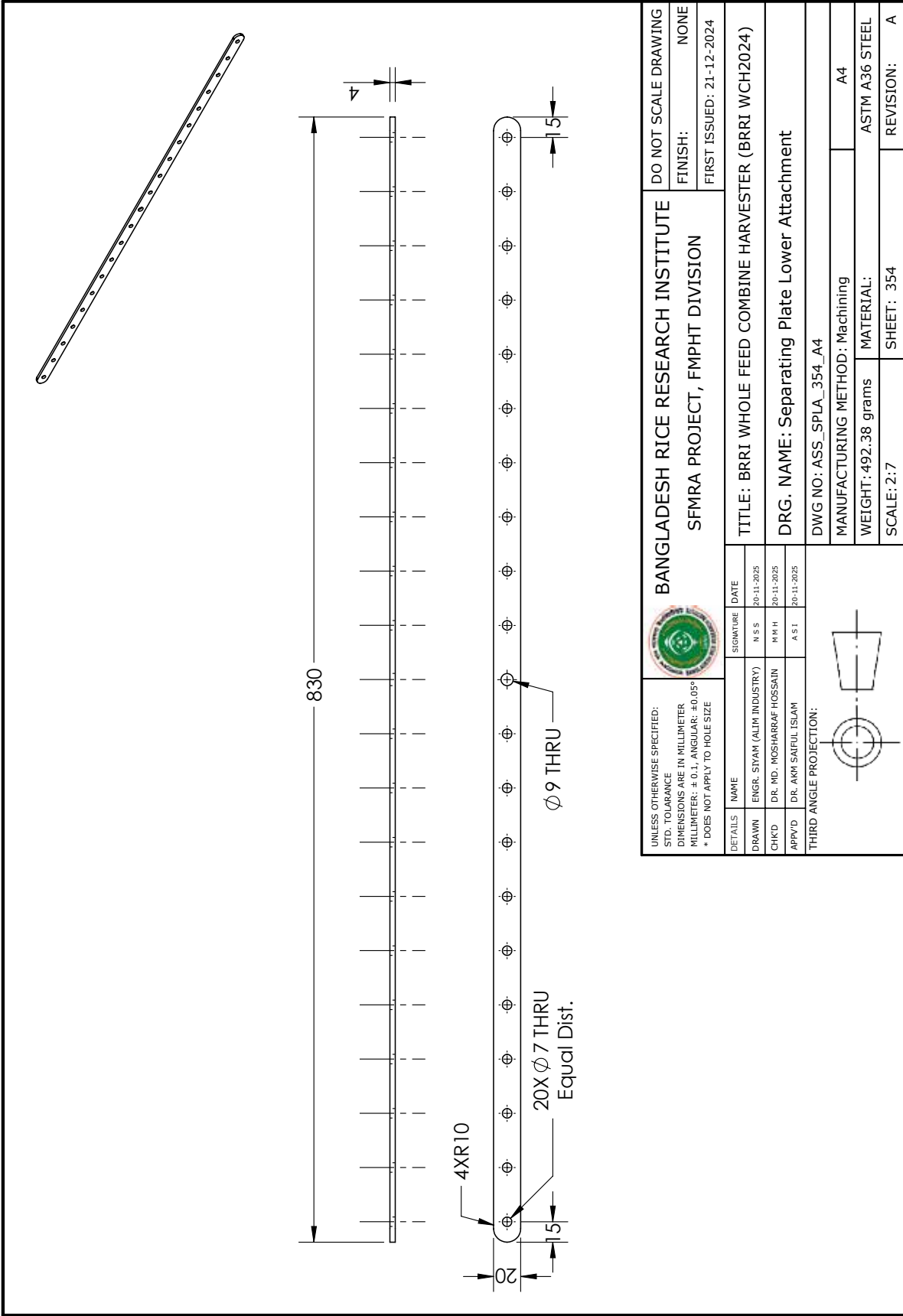
	BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION	DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE		
DETAILS DRAWN: ENGR. SIYAM (ALIM INDUSTRY) CHK'D: DR. MD. MOSHARRAF HOSSAIN APP'D: DR. AKM SAIFUL ISLAM	SIGNATURE N S S M N H A S I	DATE 12-10-2025 12-10-2025 12-10-2025
TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024) DRG. NAME: Separating Plate With Frames DWG NO.: ASS_SPF_351_A4 MANUFACTURING METHOD: Machining WEIGHT: 19.27 kg SCALE: 1:12		
		REVISION: A SHEET: 351

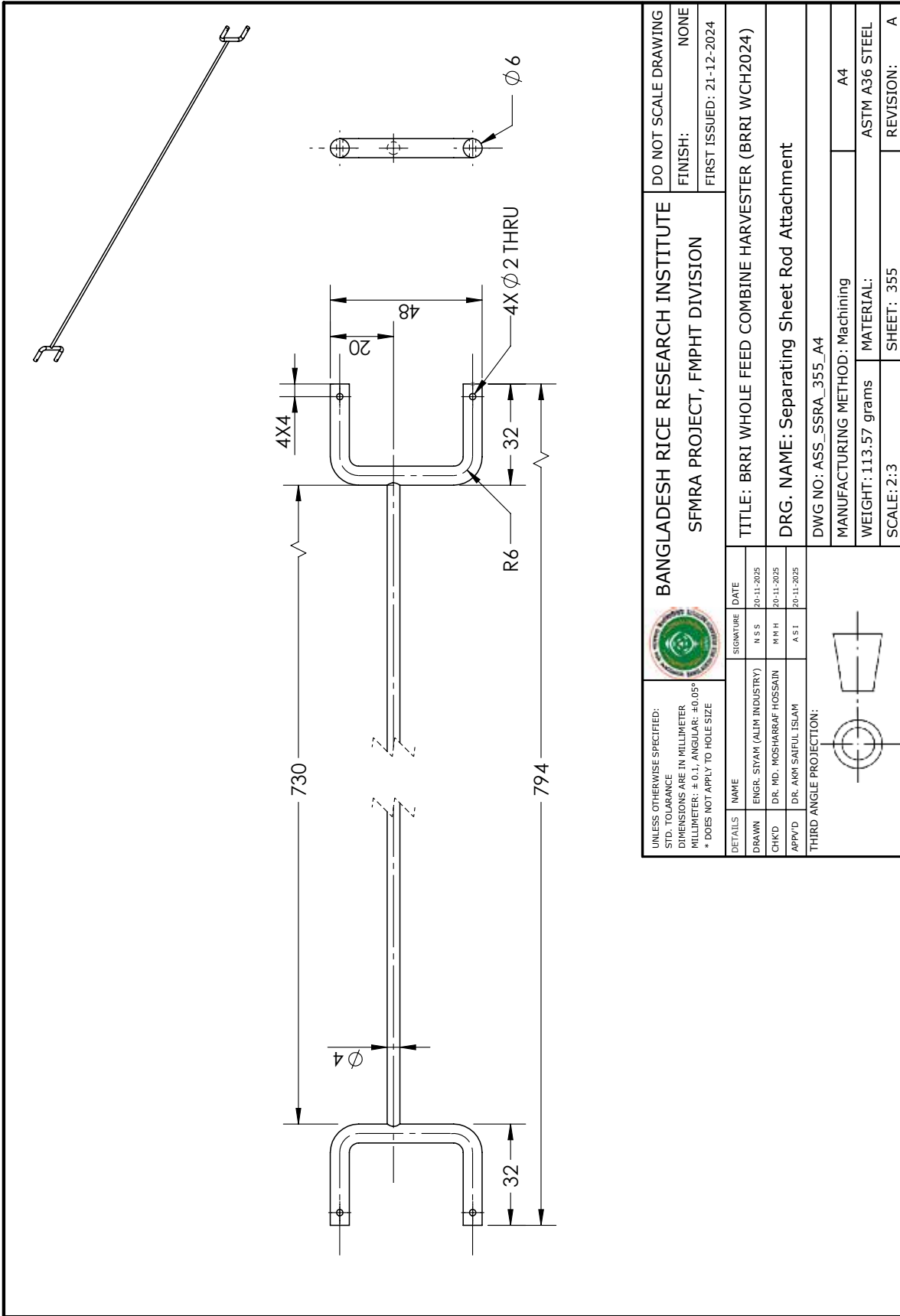


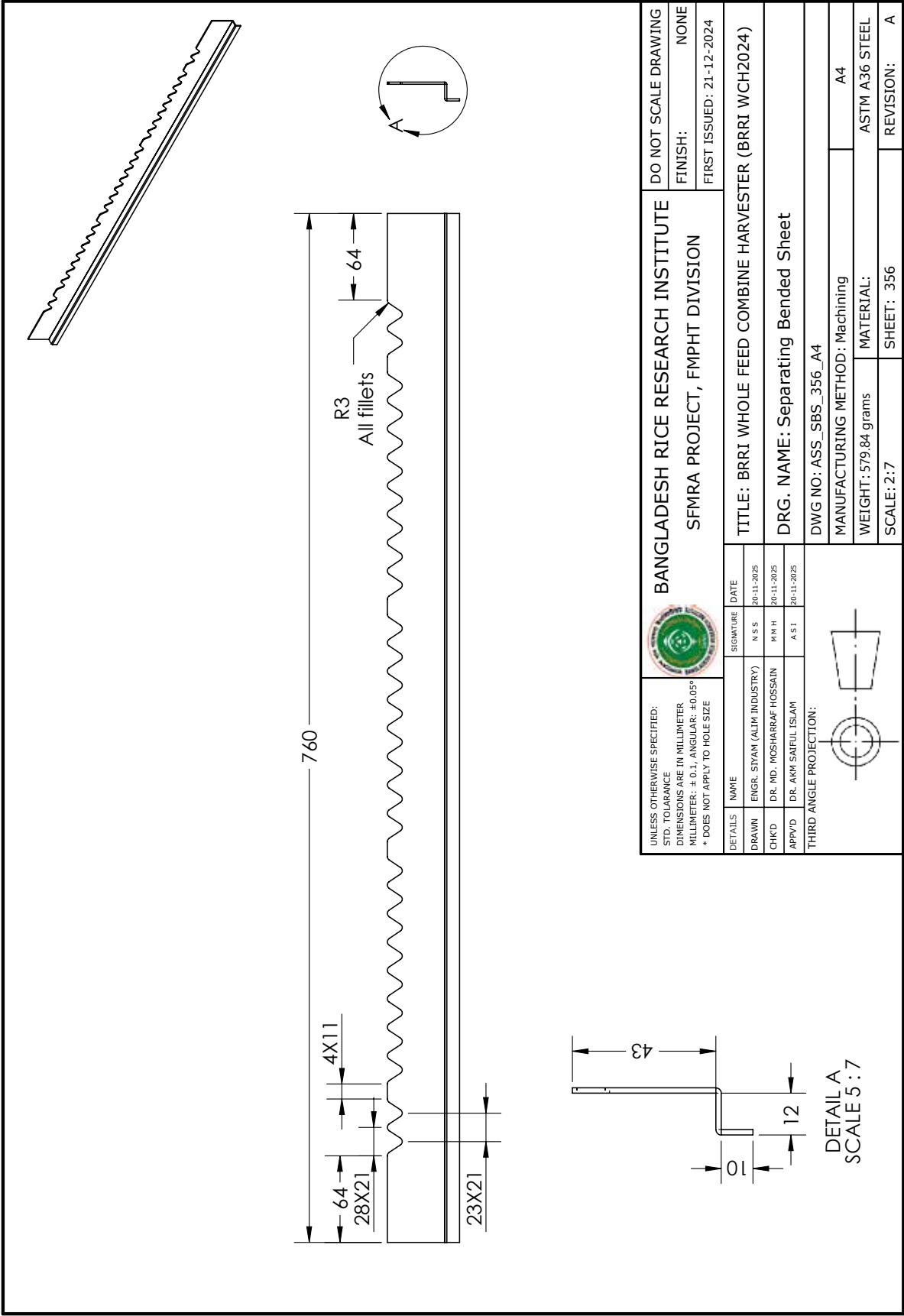
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1 ; ANGULAR: $\pm 0.05^\circ$ * DOES NOT APPLY TO HOLE SIZE		 BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING
DETAILS		SIGNATURE	DATE	FINISH: NONE
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	12-10-2025	FIRST ISSUED: 21-12-2024
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	12-10-2025	
APP'VD	DR. AKM SAIFUL ISLAM	A S I	12-10-2025	
THIRD ANGLE PROJECTION:		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)		
		DRG. NAME: Separating Plate With Frames		
		DWG NO.: ASS_SPF_352_A4		
		MANUFACTURING METHOD: Machining		
		WEIGHT: 19.27 kg		
		MATERIAL: ASTM A36 STEEL		
		SCALE: 1:12		
		SHEET: 352		
		REVISION: A		

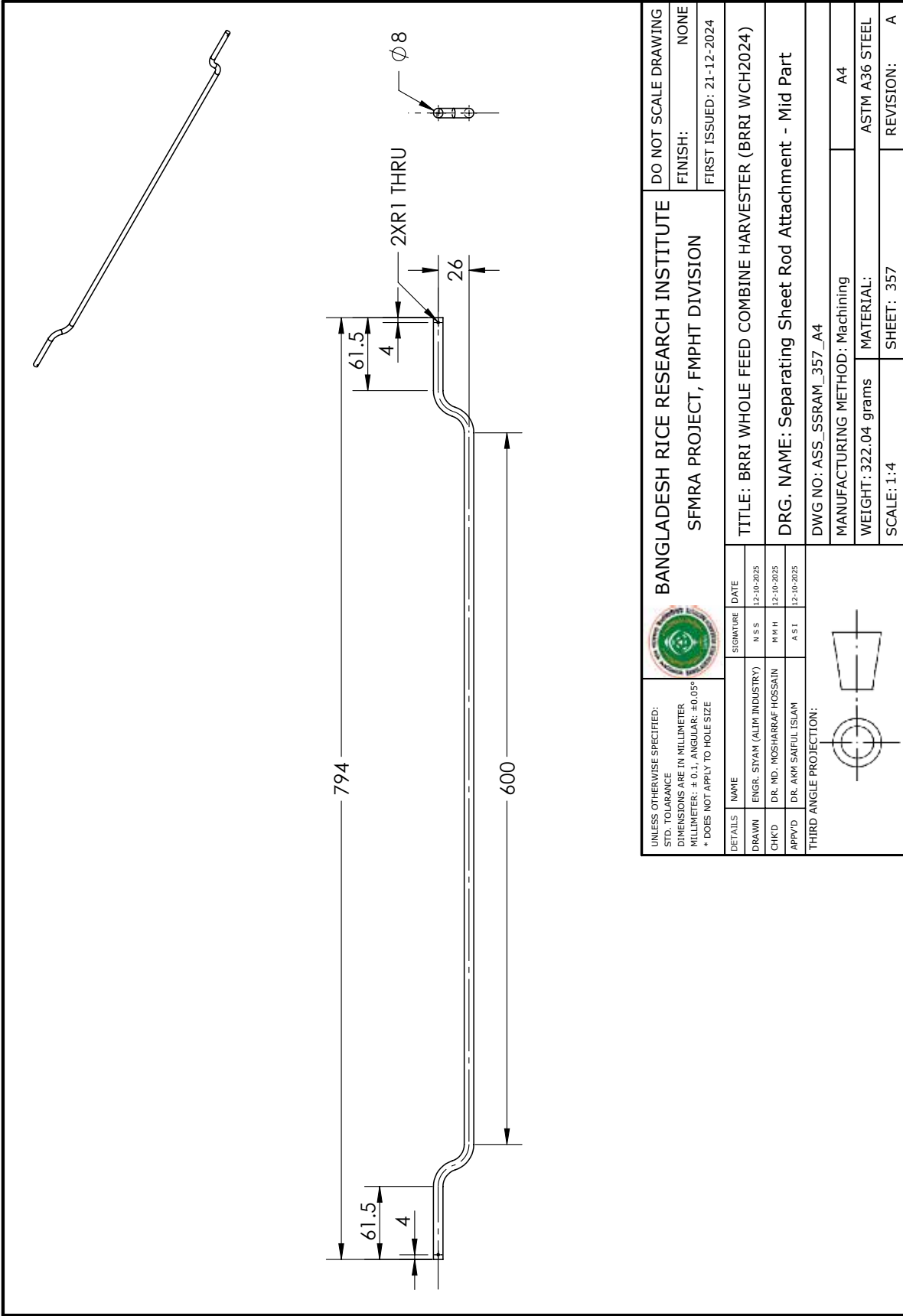


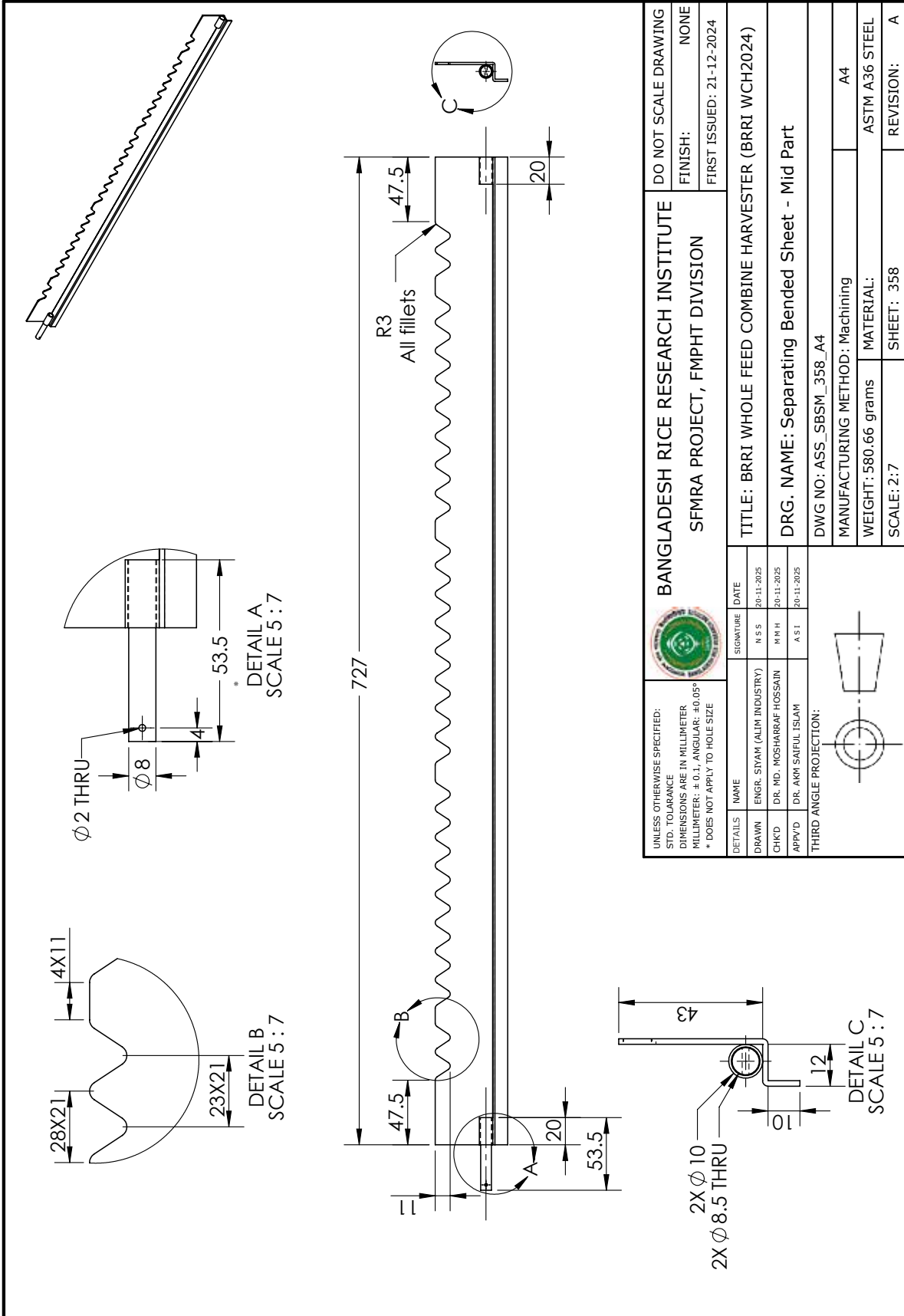
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	DRG. NAME: Separating Plate Frame			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M H H	20-11-2025	DWG NO: ASS_SPF_353_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:							
				WEIGHT: 1.77 kg		MATERIAL: ASTM A36 STEEL	
				SCALE: 1:4		SHEET: 353	
						REVISION: A	


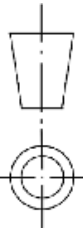


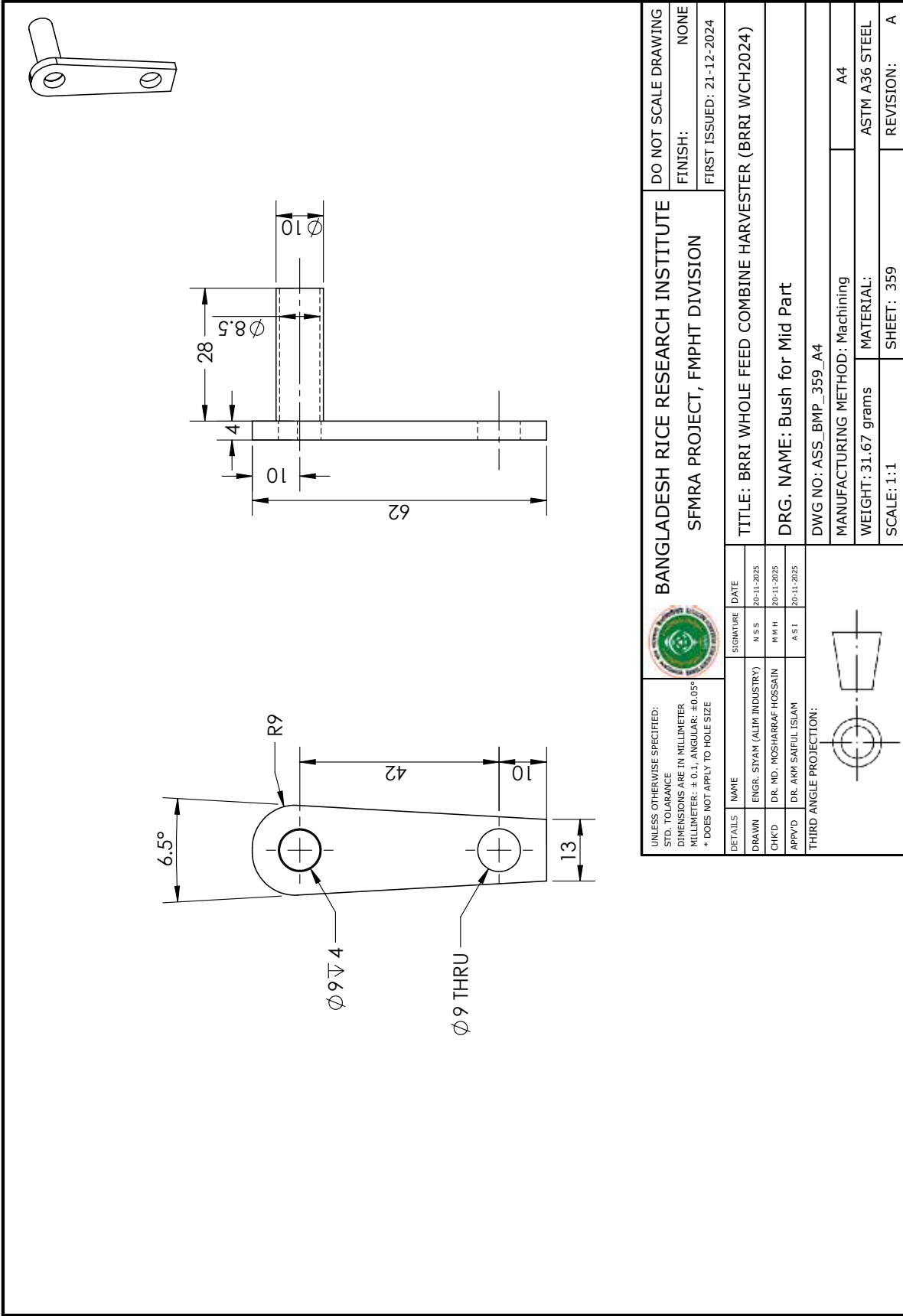






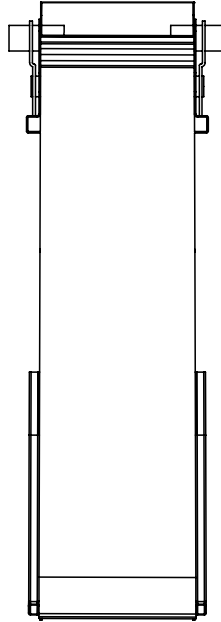
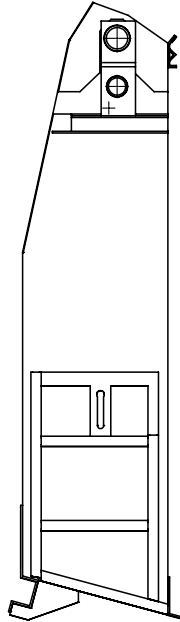
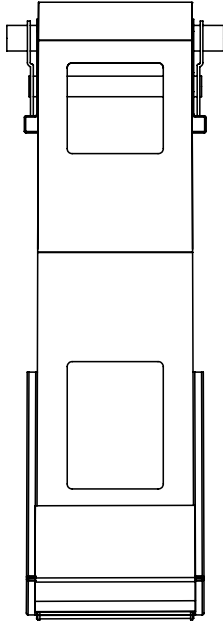
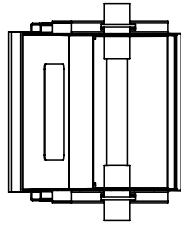
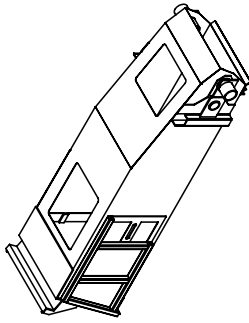



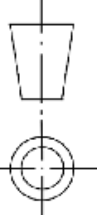
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	DRG. NAME: Separating Bended Sheet - Mid Part			
CHKD	DR. MD. MOSHARRAF HOSSAIN	M N H	20-11-2025	DWG NO: ASS_SBSM_358_A4			
APPVD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:				WEIGHT: 580.66 grams			
				MATERIAL: ASTM A36 STEEL			
				SCALE: 2:7			
				SHEET: 358			
				REVISION: A			



Sub- assembly 09
Middle conveying section
Sheet no. 361 – 368

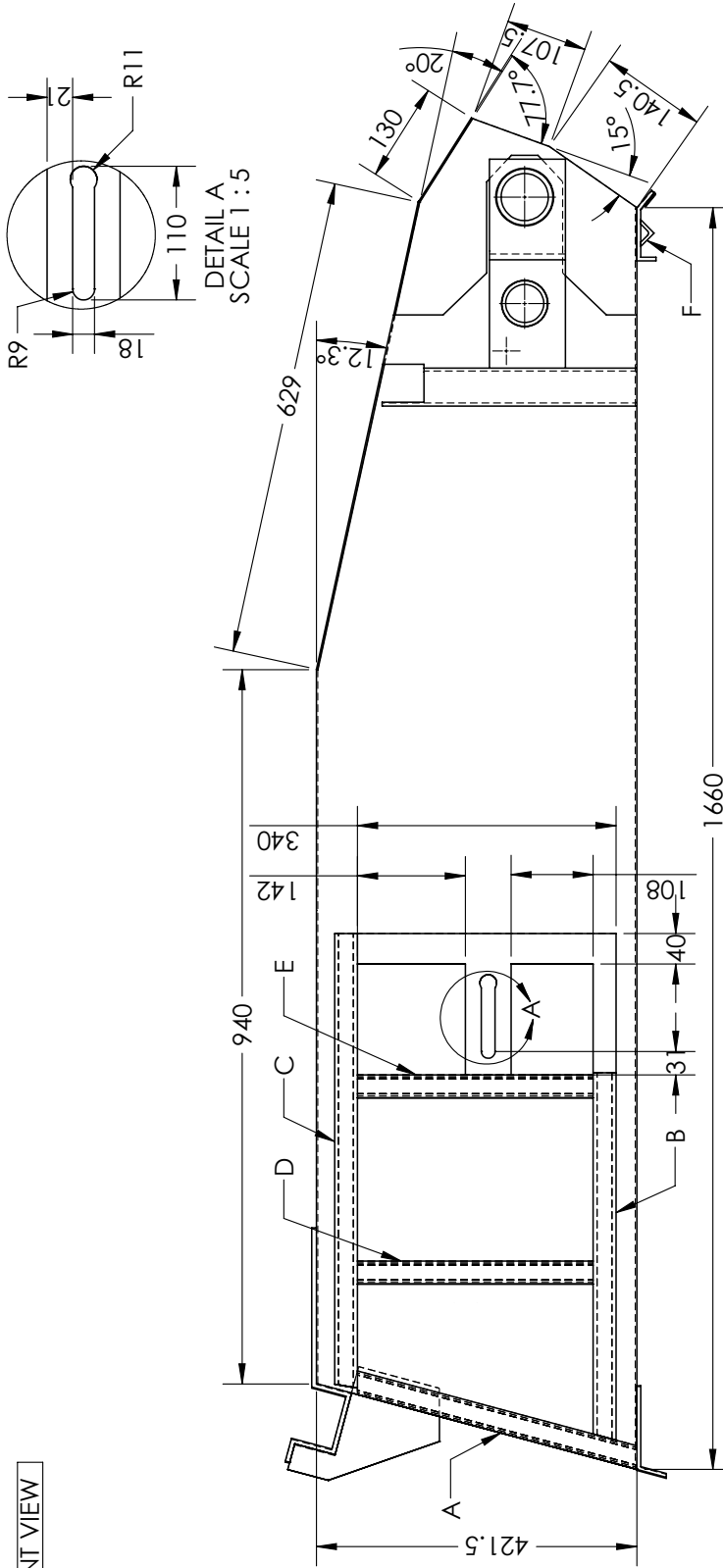
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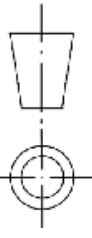


UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1, ANGULAR: ±0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SYAM (ALIM INDUSTRY)	A S S	12-10-2025	DRG. NAME: Middle Conveyor			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M M H	12-10-2025	DWG NO: ASS_MC_361_A4			
APVD	DR. ANM SAIFUL ISLAM	A S I	12-10-2025	MANUFACTURING METHOD: Machining			
THIRD ANGLE PROJECTION:				WEIGHT: 92.5 kg			
				MATERIAL: ASTM A36 STEEL			
				SCALE: 1:18			
				SHEET: 361			
				REVISION: A			

NB: Not a complete drawing. See next page.

FRONT VIEW

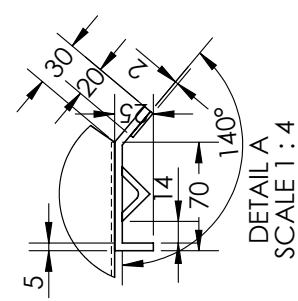
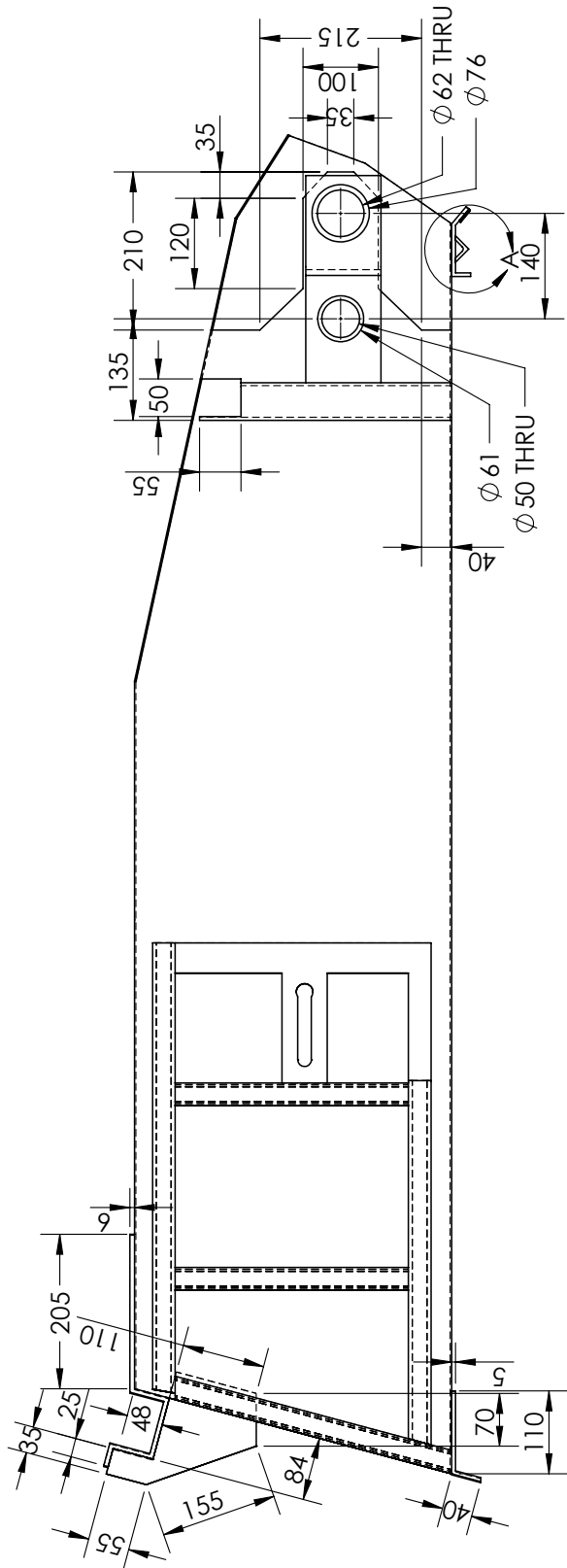



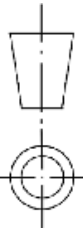
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS NAME DATE DRAWN ENGR. SYAM (ALIM INDUSTRY) N S S 20-11-2025 CHK'D DR. MD. MOSHARRAF HOSSAIN M N H 20-11-2025 APP'VD DR. AKI SAIFUL ISLAM A S I 20-11-2025		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024) DRG. NAME: Middle Conveyor DWG NO.: ASS_MC_362_A4		MANUFACTURING METHOD: Machining WEIGHT: 92.5 kg SCALE: 1:8		A4 ASTM A36 STEEL SHEET: 362 REVISION: A	
THIRD ANGLE PROJECTION:							

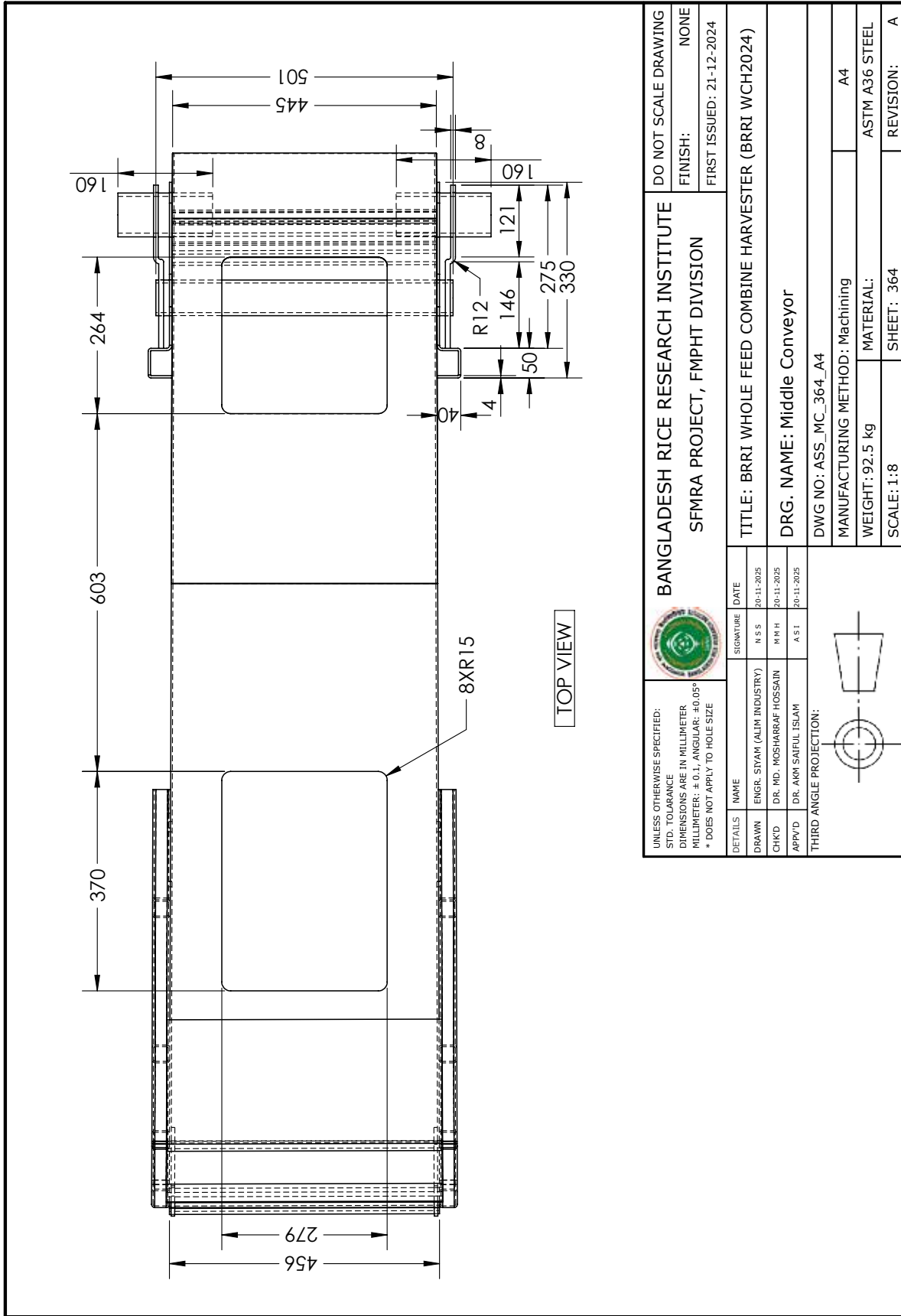
SL REF	ITEM	SIZE (mm)	LENGTH (mm)
1	A	SQUARE PIPE 30X30X3	380.5
2	B	SQUARE PIPE 30X30X3	483.5
3	C	SQUARE PIPE 30X30X3	597
4	D	SQUARE PIPE 30X30X3	310
5	E	SQUARE PIPE 30X30X3	310
6	F	ANGLE BAR 25X25X4	446

NB: Not a complete drawing. See next page.


FRONT VIEW



UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1 ; ANGULAR: $\pm 0.05^\circ$ * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	20-11-2025	DRG. NAME: Middle Conveyor			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M N H	20-11-2025	DWG NO.: ASS_MC_363_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	20-11-2025	MANUFACTURING METHOD: Machining WEIGHT: 92.5 kg SCALE: 1:8 SHEET: 363			
THIRD ANGLE PROJECTION:							
				MATERIAL: ASTM A36 STEEL REVISION: A			



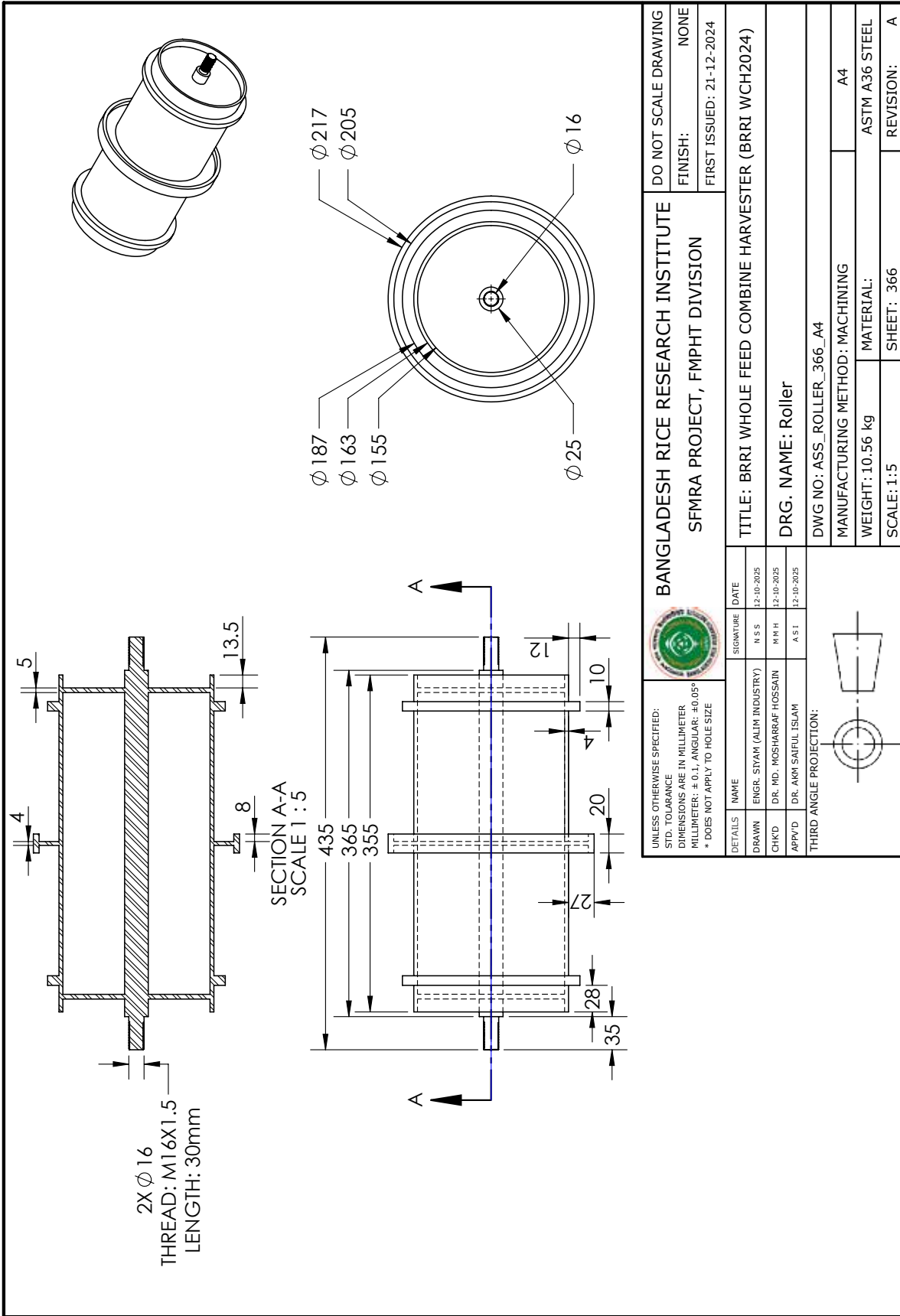
ITEM NO.	PART NAME	QTY.	PART NUMBER	MATERIAL
1	Roller	1	ASS_ROLLER_366_A4	ASTM A36 STEEL
2	Roller Supporter	2	ASS_RS_367_A4	ASTM A36 STEEL
3	Washer	2	ASS_WASHER_368_A4	ASTM A36 STEEL

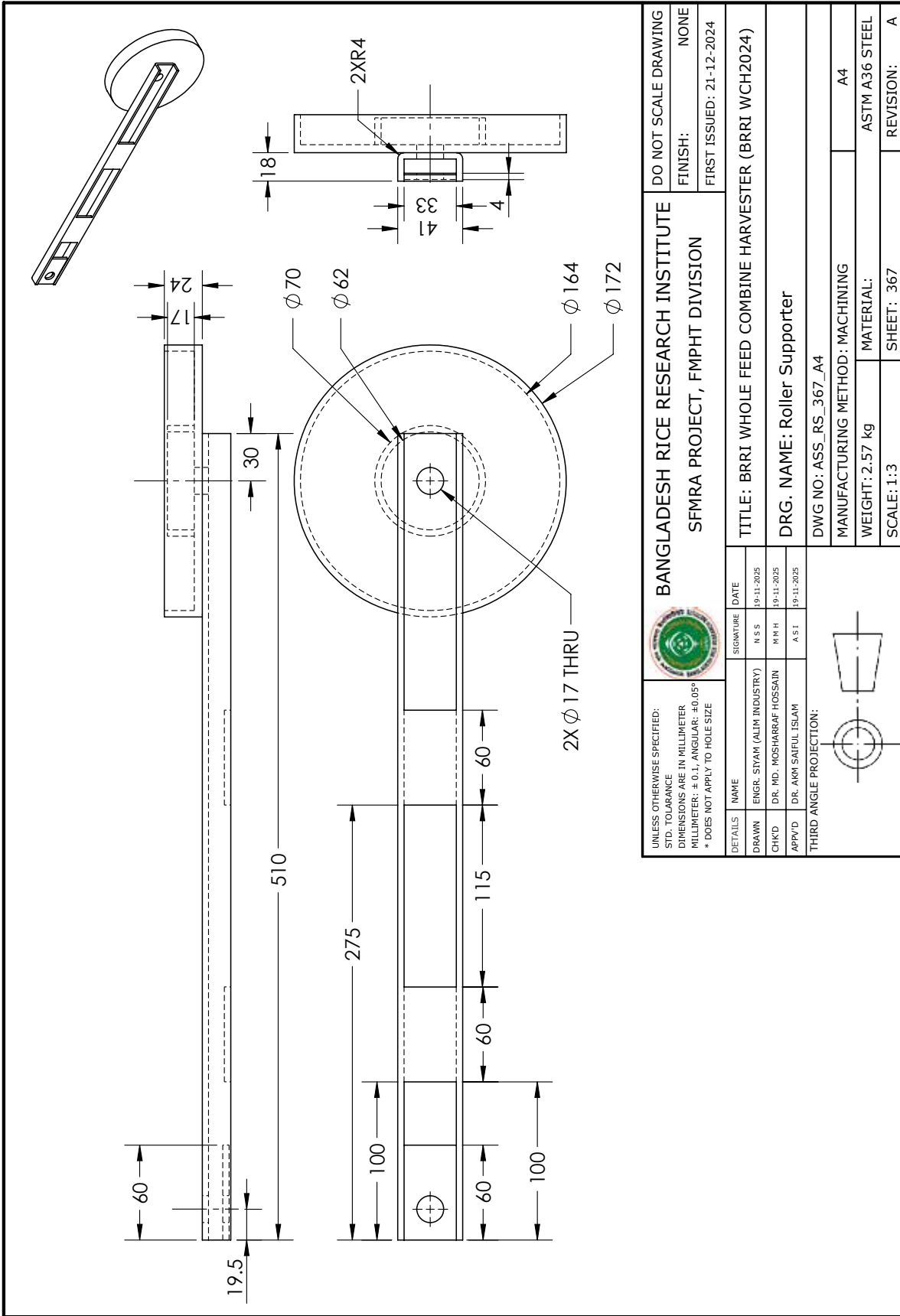
	BANGLADESH RICE RESEARCH INSTITUTE		DO NOT SCALE DRAWING
	SFMRA PROJECT, FMPHT DIVISION		FINISH: NONE FIRST ISSUED: 21-12-2024
TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRG. NAME: Roller Assembly			
DWG NO.: ASS_RA_365_A4			
MANUFACTURING METHOD: MACHINING			A4
WEIGHT: 15.72 kg		MATERIAL: ASTM A36 STEEL	
SCALE: 1:10		SHEET: 365 REVISION: A	

UNLESS OTHERWISE SPECIFIED:
 STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER
 MILLIMETER: ± 0.1; ANGULAR: ± 0.05°
 * DOES NOT APPLY TO HOLE SIZE

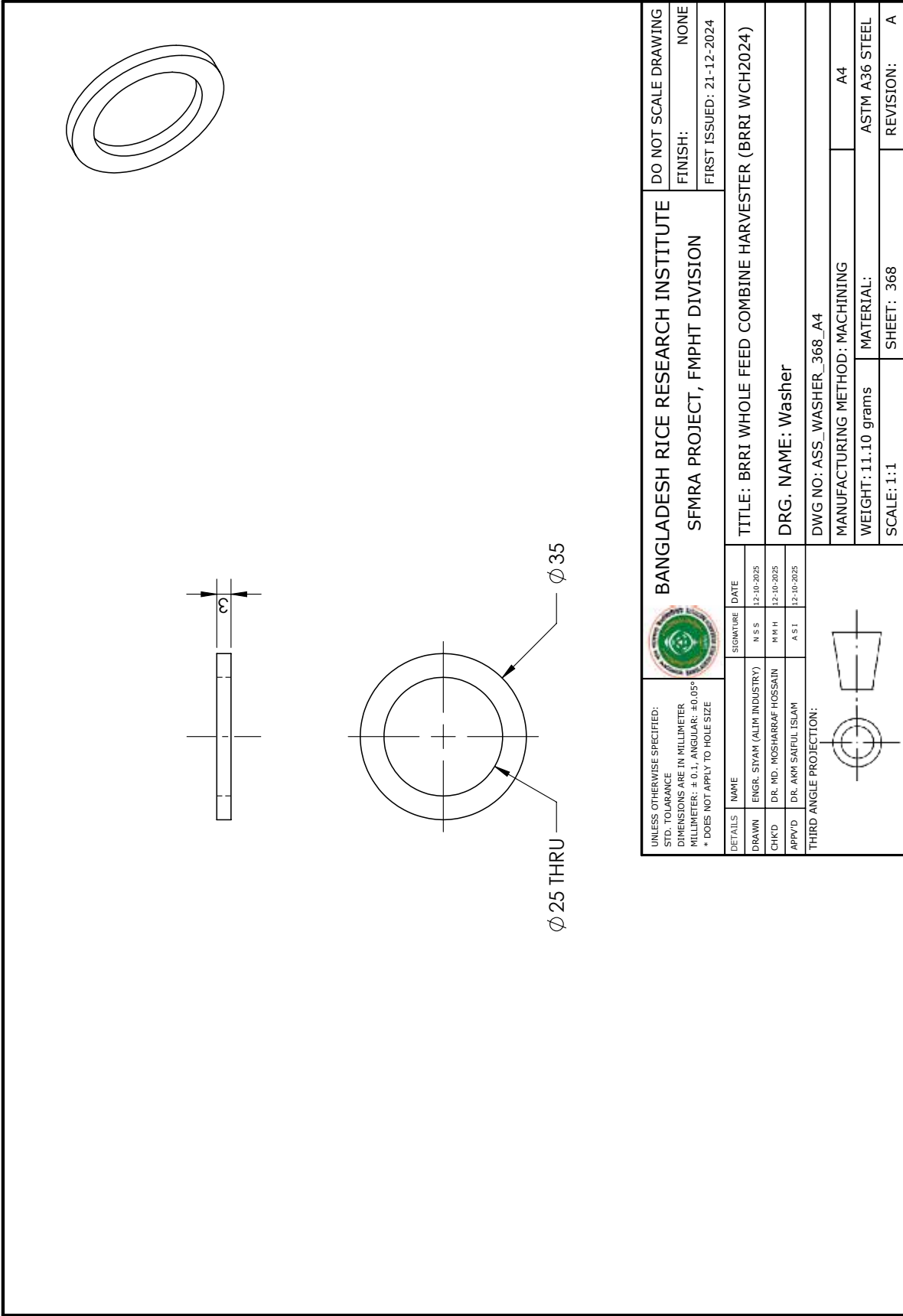
DETAILS	NAME	SIGNATURE	DATE
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	12-10-2025
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	12-10-2025
APP'VD	DR. AKM SAIFUL ISLAM	A S I	12-10-2025

THIRD ANGLE PROJECTION:

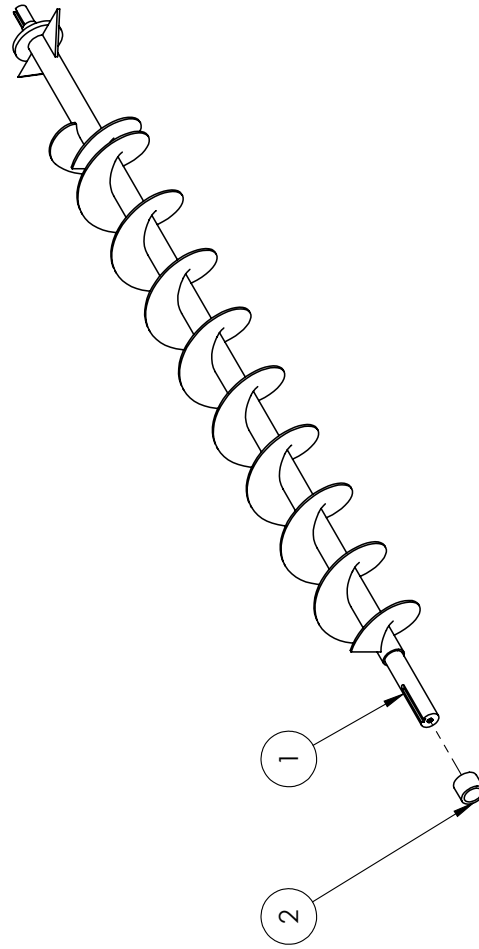
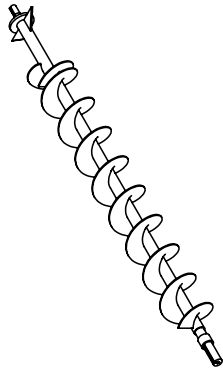



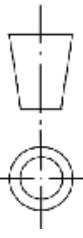


Sub- assembly 10
Grain tank section
Sheet no. 369 – 385



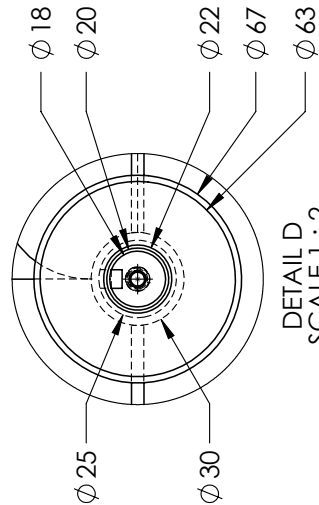
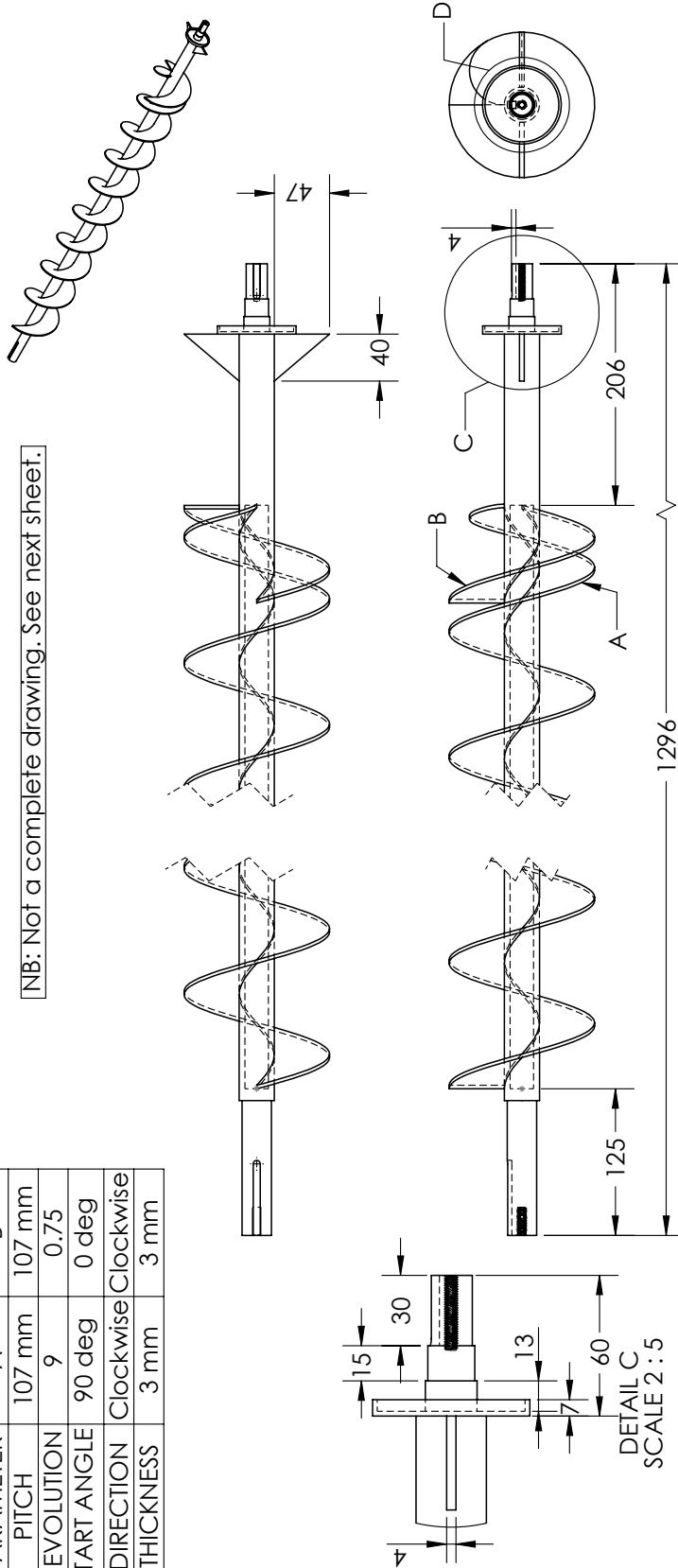
ITEM NO.	PART NAME	QTY.	PART NUMBER	MATERIAL
1	Horizontal Auger No 1	1	ASS_HA1_370_A4	ASTM A36 STEEL
2	Bush	1	ASS_BUSH_371_A4	ASTM A36 STEEL



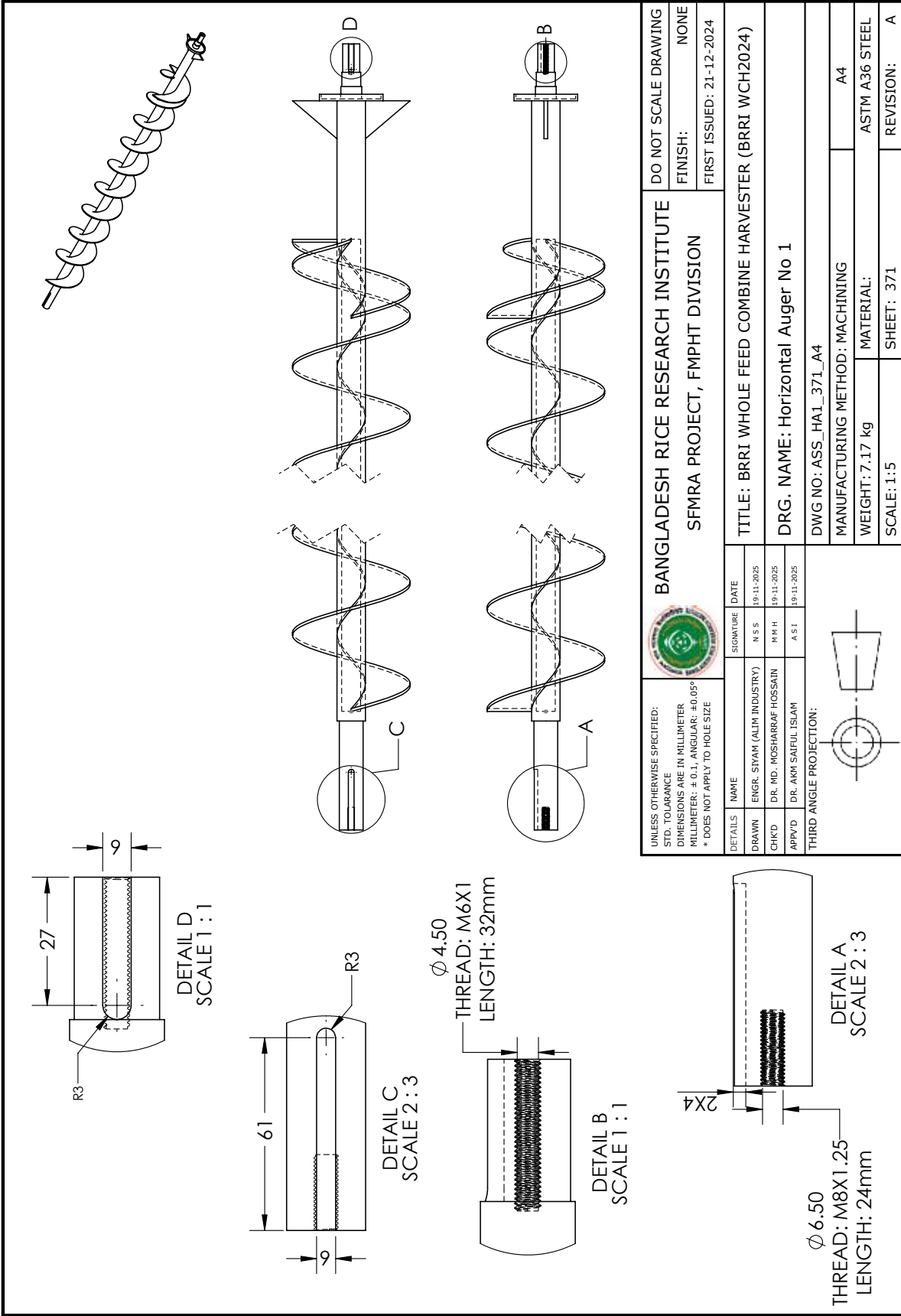
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS DRAWN: ENGR. SIYAM (ALIM INDUSTRY) CHK'D: DR. MD. MOSHARRAF HOSSAIN APP'VD: DR. AKM SAIFUL ISLAM		SIGNATURE N S S M M H A S I		DATE 12-10-2025 12-10-2025 12-10-2025		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024) DRG. NAME: 1 No Horizontal Auger Assembly DWG NO: ASS_HA1A_369_A4	
THIRD ANGLE PROJECTION:				MANUFACTURING METHOD: MACHINING WEIGHT: 7.24 kg SCALE: 1:8		MATERIAL: ASTM A36 STEEL SHEET: 369 REVISION: A	

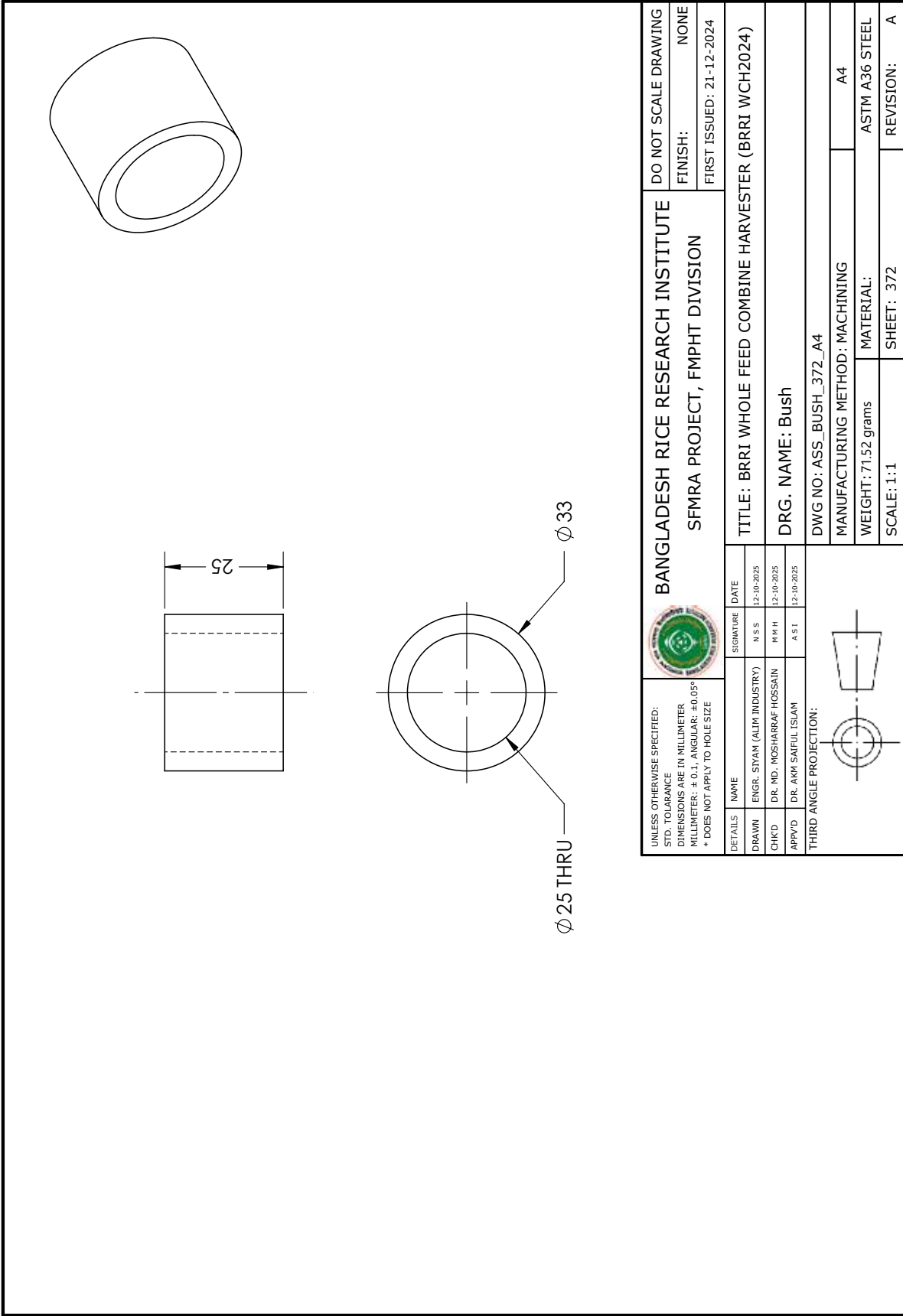
PARAMETER	A	B
PITCH	107 mm	107 mm
REVOLUTION	9	0.75
START ANGLE	90 deg	0 deg
DIRECTION	Clockwise	Clockwise
THICKNESS	3 mm	3 mm

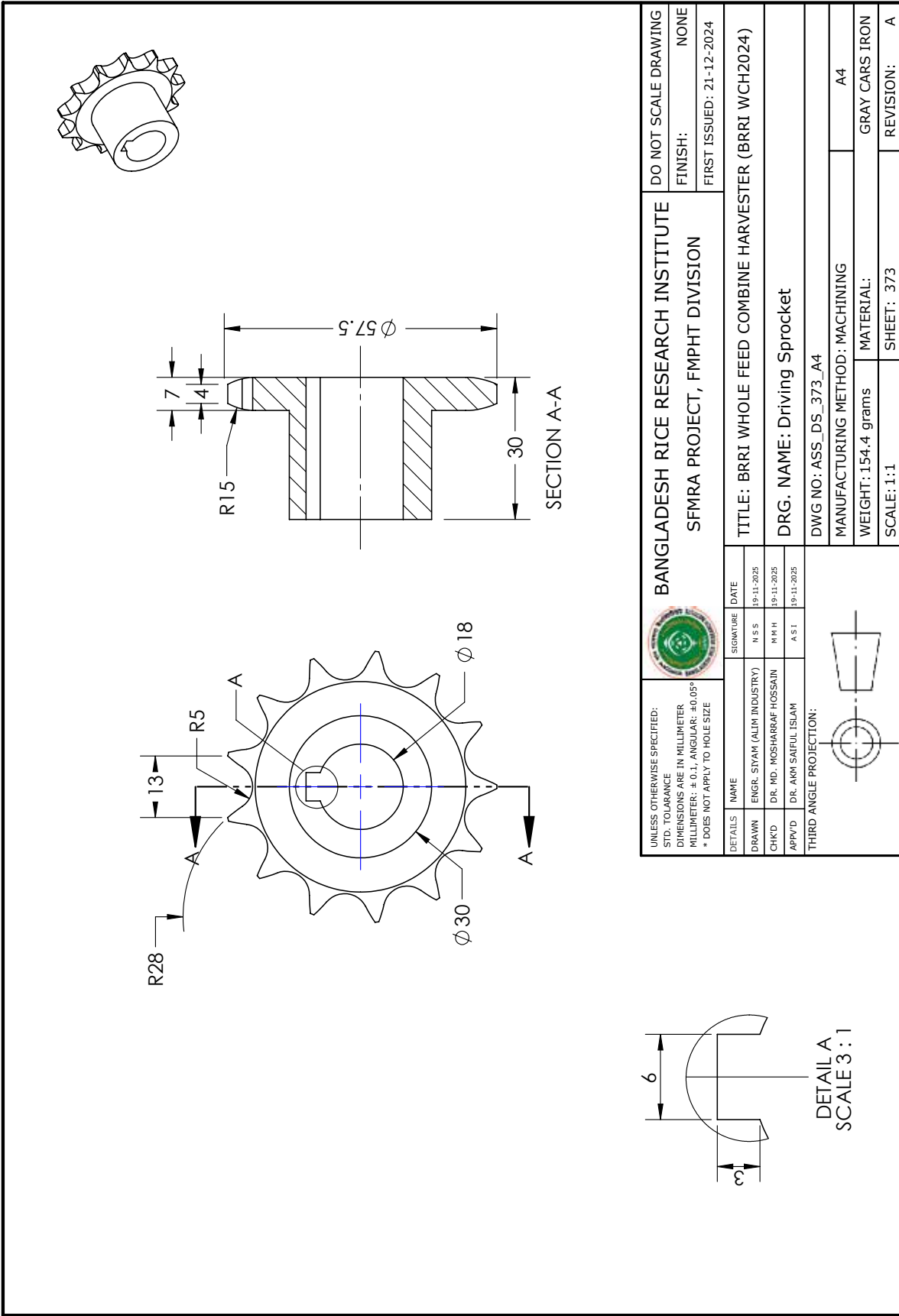
NB: Not a complete drawing. See next sheet.


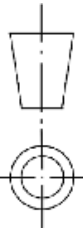


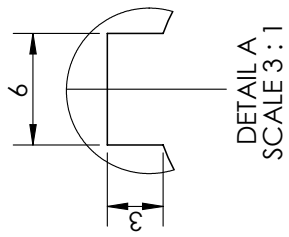
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DRAWN	ENGR. SYAM (ALIM INDUSTRY)	N S S	19-11-2025	
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M H H	19-11-2025	
APP'VD	DR. AKM SAIFUL ISLAM	A S I	19-11-2025	
THIRD ANGLE PROJECTION:				
			BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION	
DO NOT SCALE DRAWING				
FINISH: NONE				
FIRST ISSUED: 21-12-2024				
TITLE: BRRI WHOLE FEED COMBINE HARVESTER (BRRI WCH2024)				
DRG. NAME: Horizontal Auger No 1				
DWG NO: ASS_HA1_370_A4				
MANUFACTURING METHOD: MACHINING			A4	
WEIGHT: 7.17 kg			MATERIAL: ASTM A36 STEEL	
SCALE: 1:5			SHEET: 370	
REVISION: A				

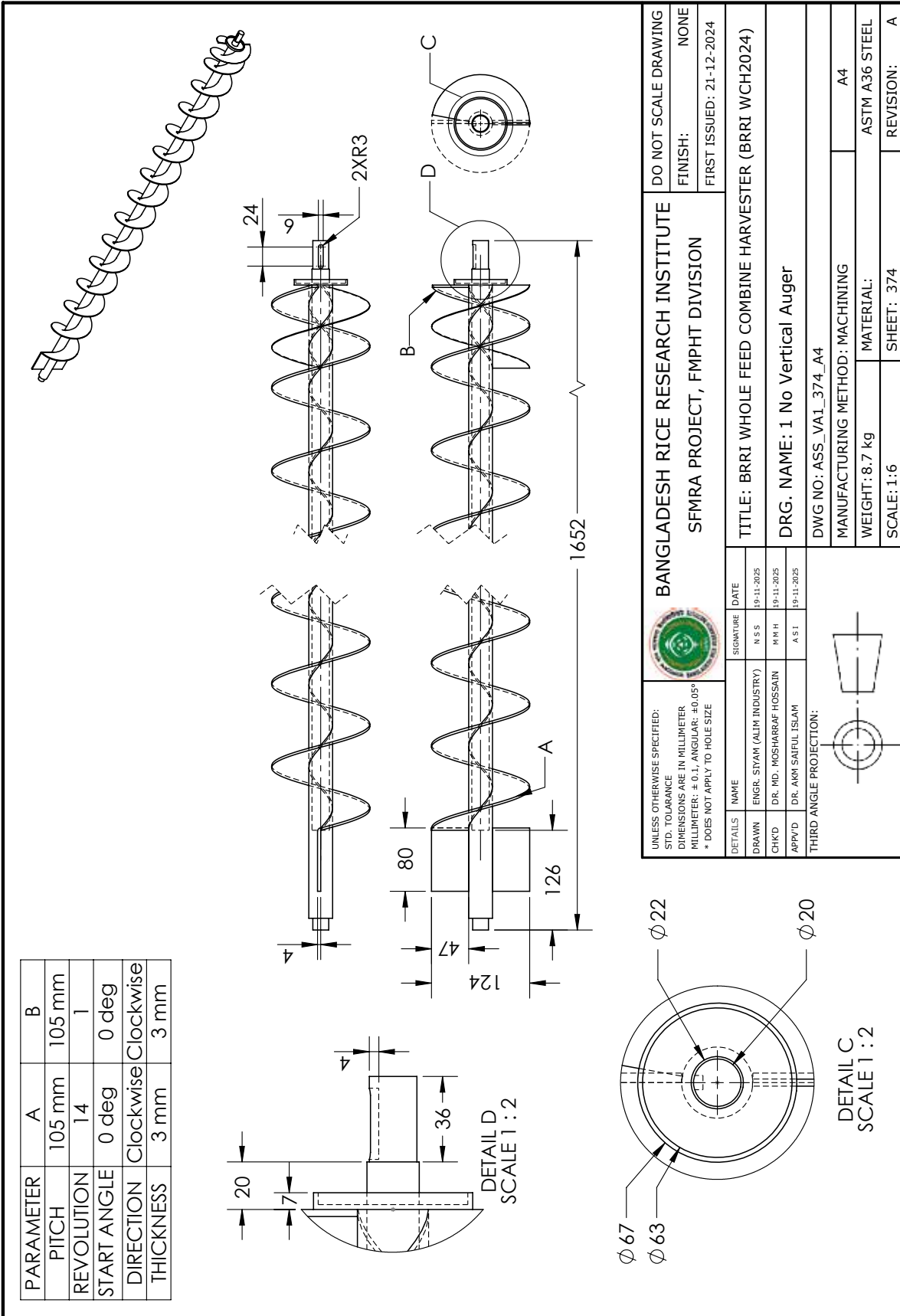


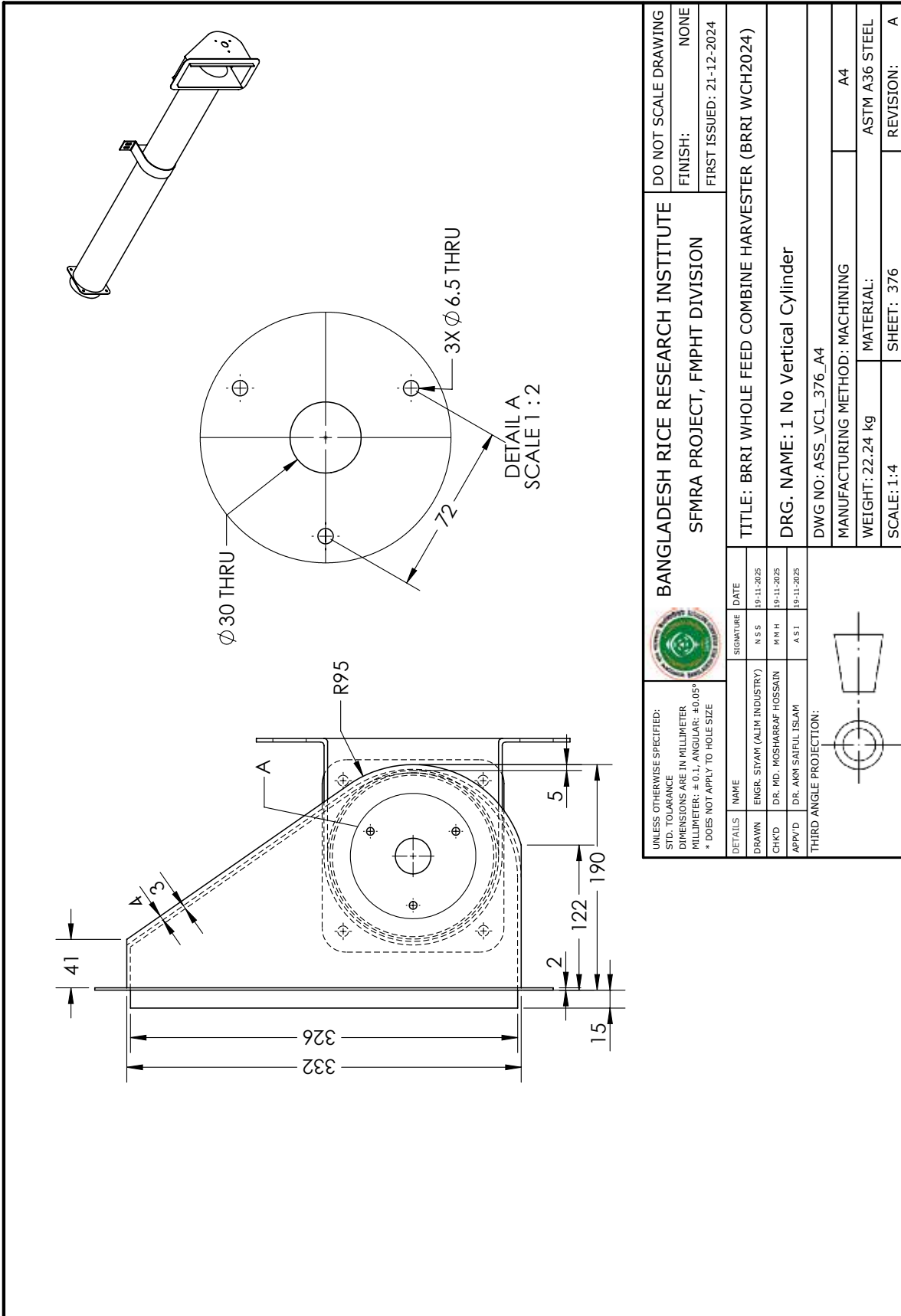


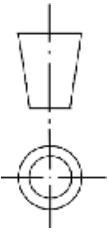
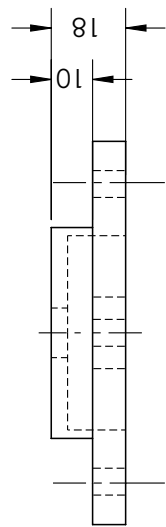
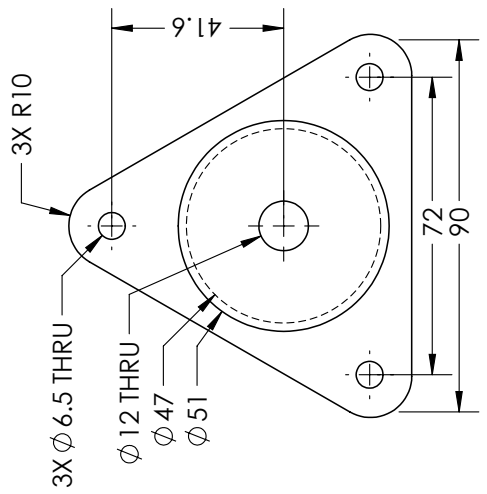
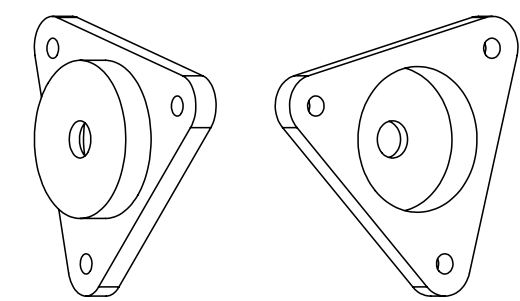



UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	19-11-2025	DRG. NAME: Driving Sprocket			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	19-11-2025	DWG NO.: ASS_DS_373_A4			
APP'VD	DR. AKI SAIFUL ISLAM	A S I	19-11-2025	MANUFACTURING METHOD: MACHINING			
THIRD ANGLE PROJECTION:				WEIGHT: 154.4 grams			
				SCALE: 1:1			
				MATERIAL: GRAY CAST IRON			
				SHEET: 373			
				REVISION: A			



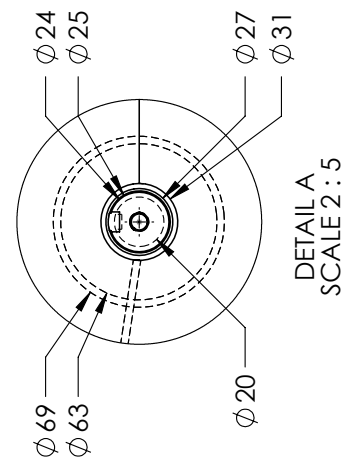
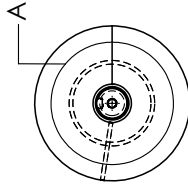
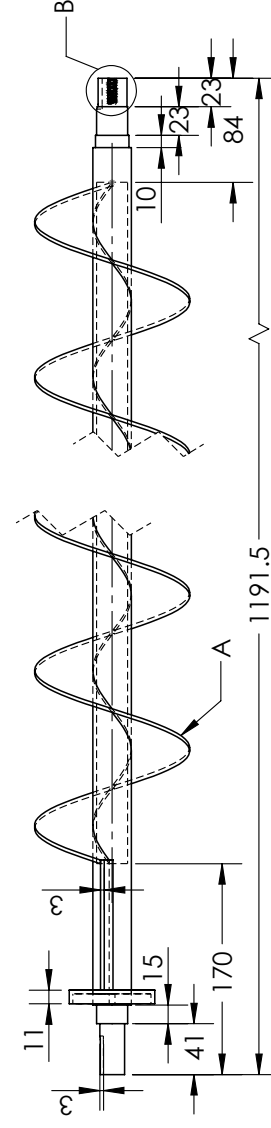
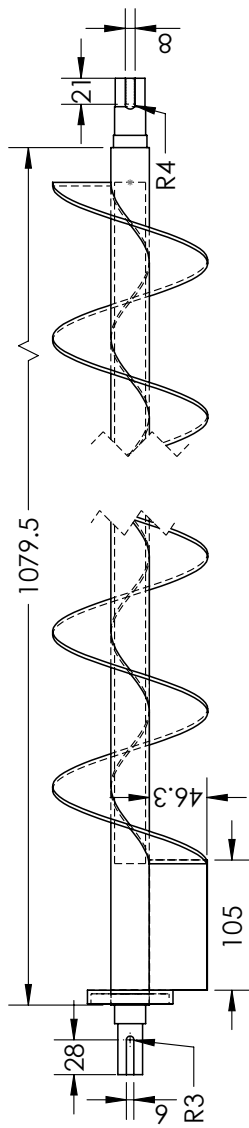
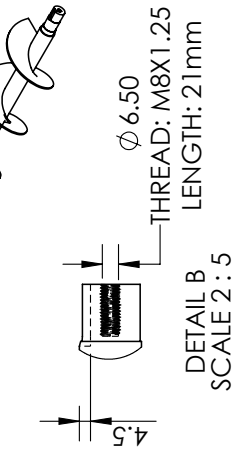
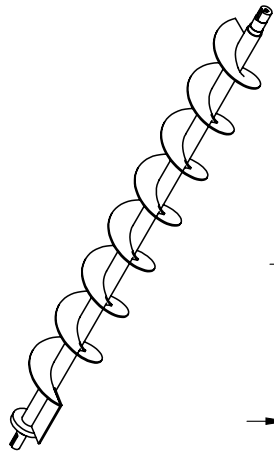






UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	19-11-2025	DRG. NAME: 6204 Bearing Seat			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	19-11-2025	DWG NO.: ASS_BS_377_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	19-11-2025	MANUFACTURING METHOD: MACHINING			
THIRD ANGLE PROJECTION:				WEIGHT: 260.19 grams SCALE: 2:3			
				MATERIAL: ASTM A36 STEEL SHEET: 377 REVISION: A			

PARAMETER	A
PITCH	125 mm
REVOLUTION	7.5
START ANGLE	0 deg
DIRECTION	Counterclockwise
THICKNESS	3 mm



UNLESS OTHERWISE SPECIFIED:
 STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER
 MILLIMETER: ±0.1; ANGULAR: ±0.05°
 * DOES NOT APPLY TO HOLE SIZE

DETAILS	NAME	SIGNATURE	DATE
DRAWN	ENGR. SYAM (ALIM INDUSTRY)	N S S	19-11-2025
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	19-11-2025
APP'VD	DR. AKM SAIFUL ISLAM	A S I	19-11-2025

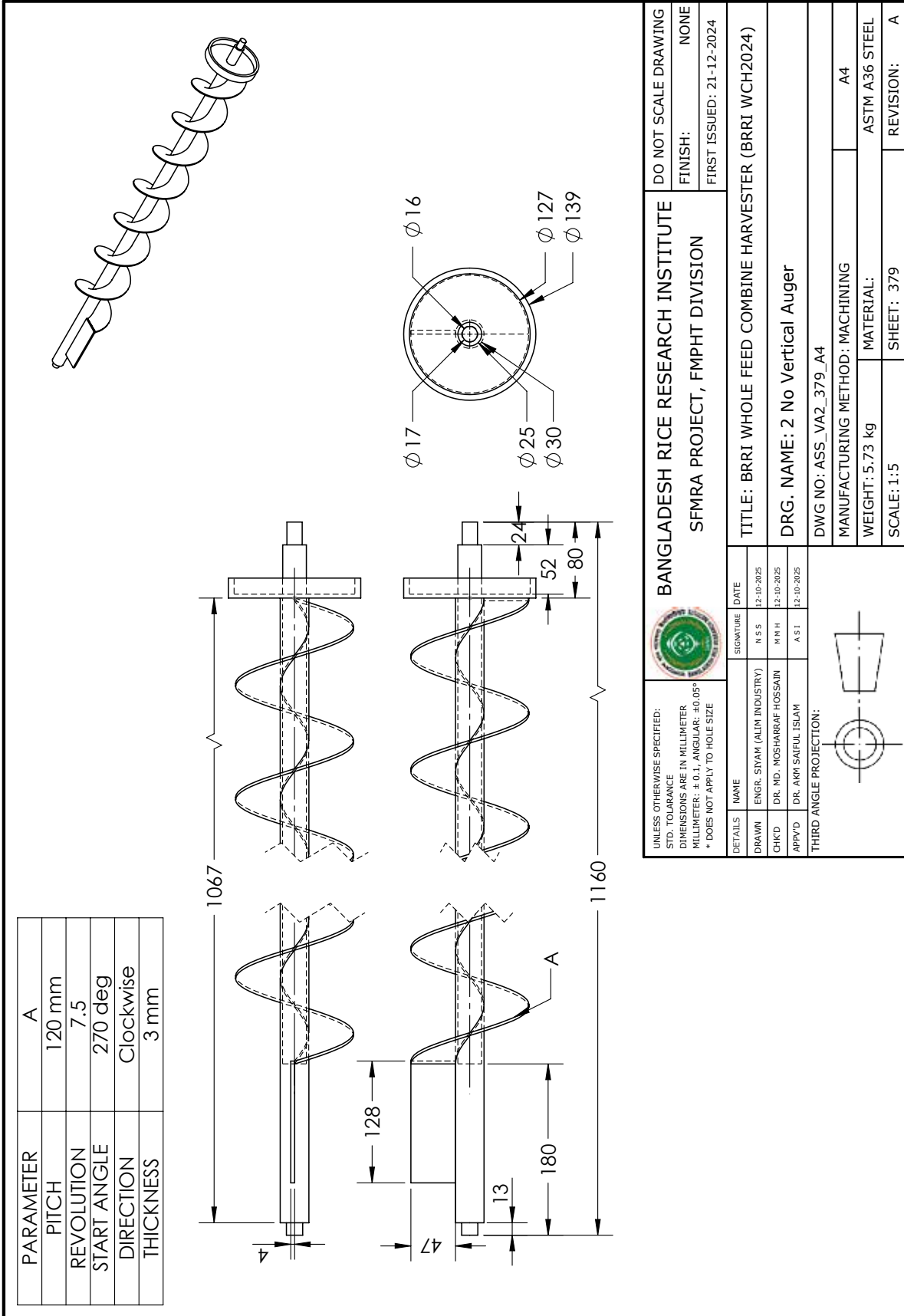
THIRD ANGLE PROJECTION:

BANGLADESH RICE RESEARCH INSTITUTE
 SFMRA PROJECT, FMPHT DIVISION

DO NOT SCALE DRAWING
 FINISH: NONE
 FIRST ISSUED: 21-12-2024

TITLE: BIRRI WHOLE FEED COMBINE HARVESTER (BIRRI WCH2024)

DRG. NAME: 2 No Horizontal Auger
 DWG NO.: ASS_HA2_378_A4
 MANUFACTURING METHOD: MACHINING
 WEIGHT: 5.39 kg
 MATERIAL: ASTM A36 STEEL
 SCALE: 1:1.5
 SHEET: 378
 REVISION: A



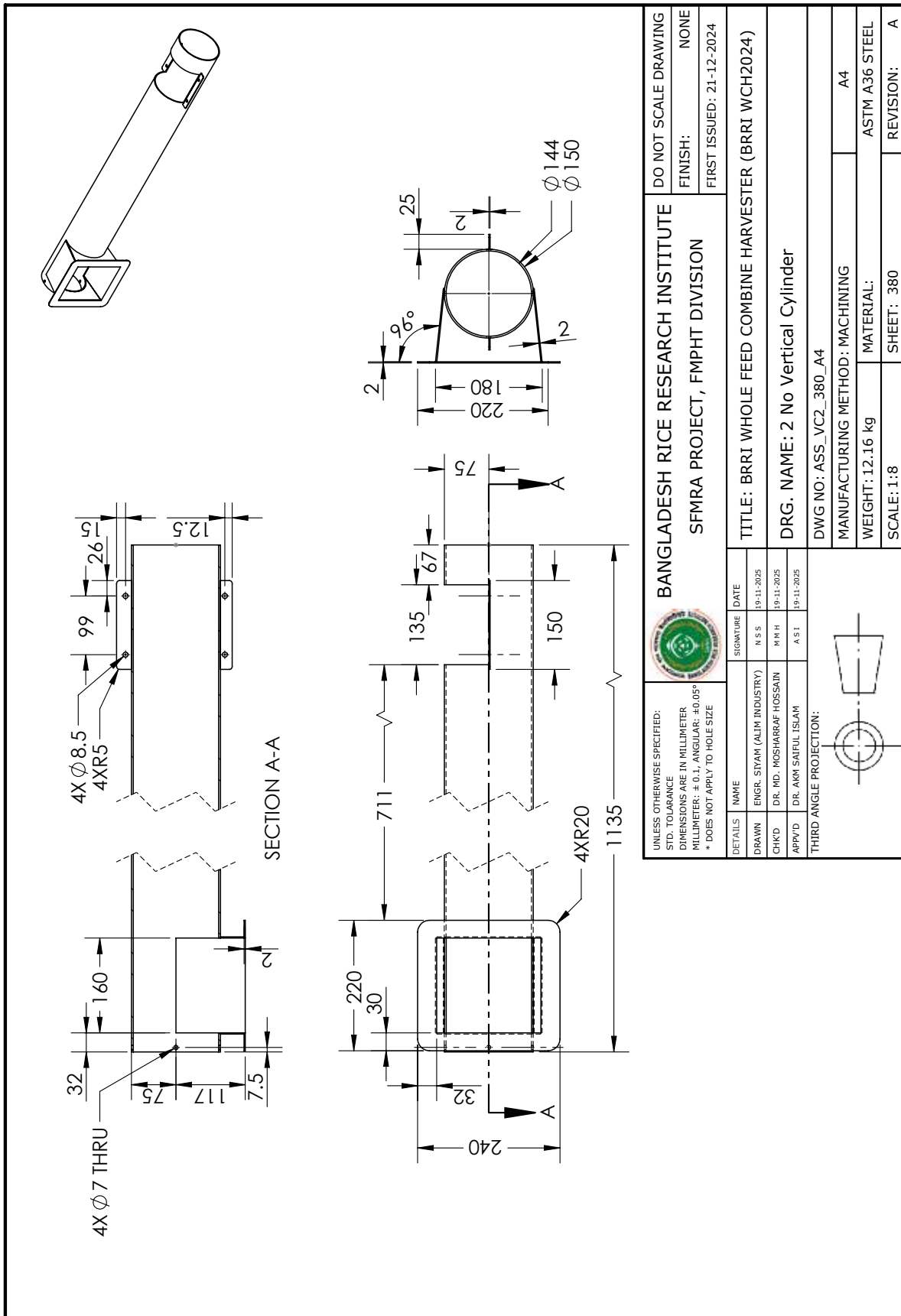
BANGLADESH RICE RESEARCH INSTITUTE
SFMRA PROJECT, FMPHT DIVISION

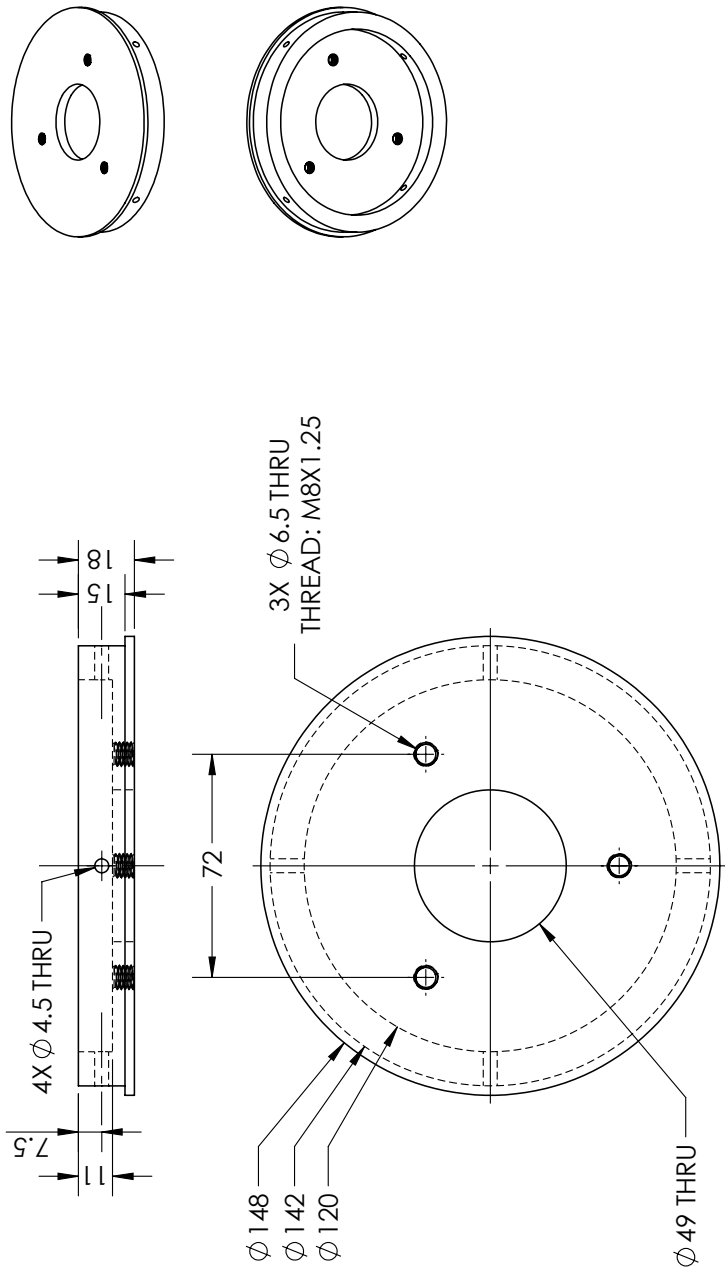
UNLESS OTHERWISE SPECIFIED:
 STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER
 MILLIMETER: ± 0.1; ANGULAR: ± 0.05°
 * DOES NOT APPLY TO HOLE SIZE


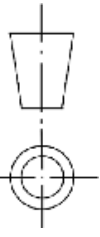
DETAILS	NAME	SIGNATURE	DATE
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	12-10-2025
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	12-10-2025
APP'VD	DR. AKM SAIFUL ISLAM	A S I	12-10-2025

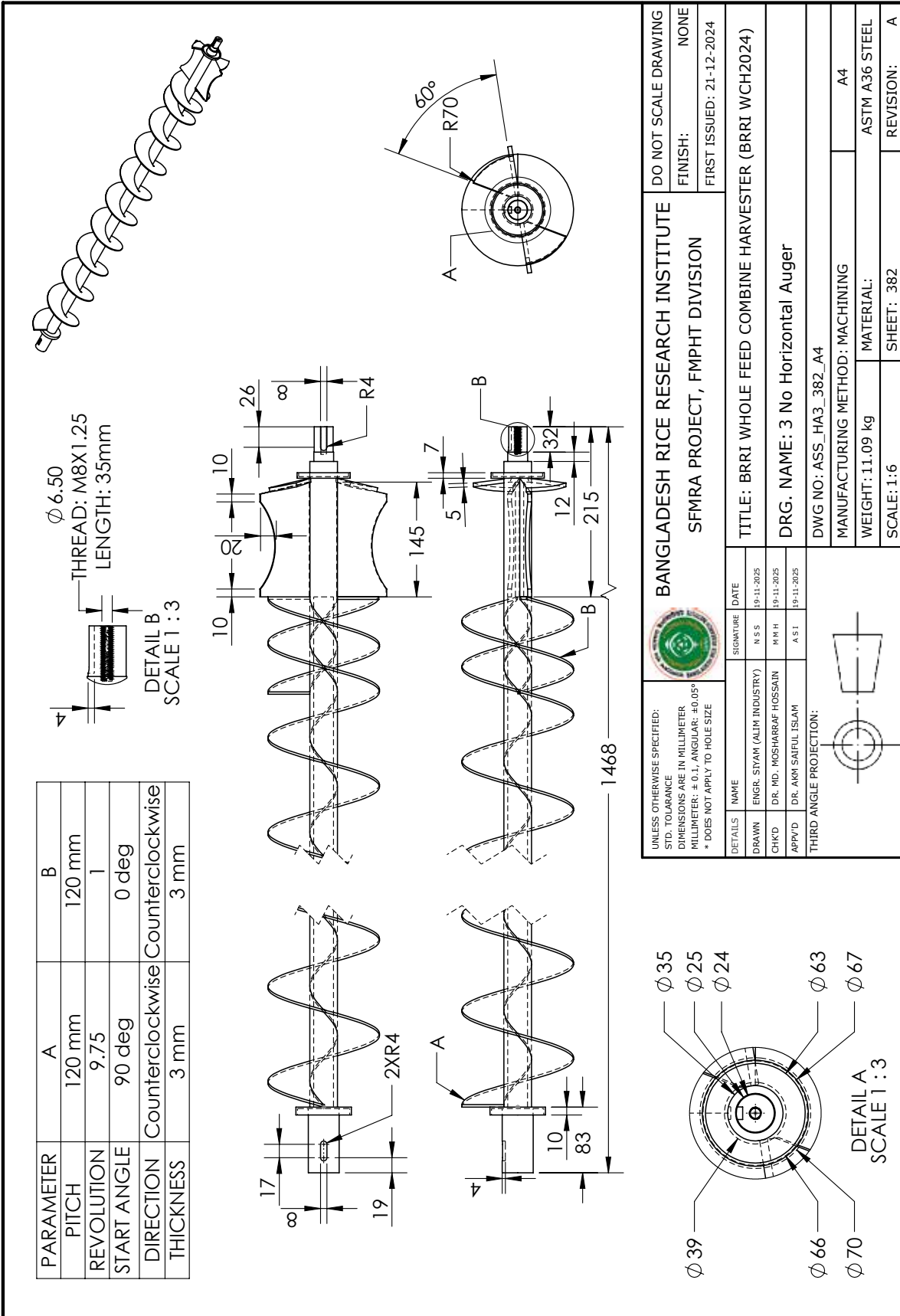
DO NOT SCALE DRAWING
 FINISH: NONE
 FIRST ISSUED: 21-12-2024

TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)
 DRG. NAME: 2 No Vertical Auger
 DWG NO.: ASS_VA2_379_A4
 MANUFACTURING METHOD: MACHINING
 WEIGHT: 5.73 kg
 SCALE: 1:5
 MATERIAL: ASTM A36 STEEL
 SHEET: 379
 REVISION: A

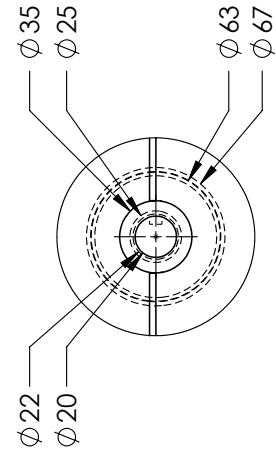
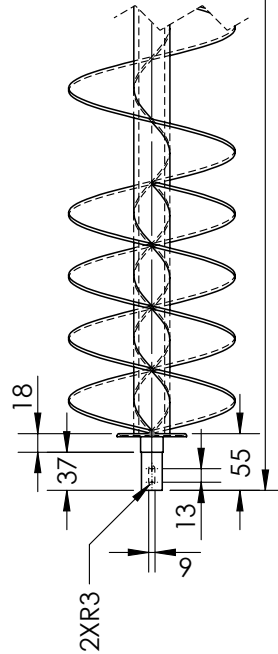
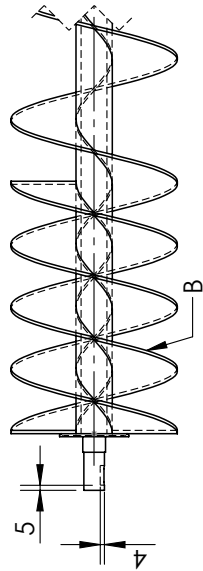
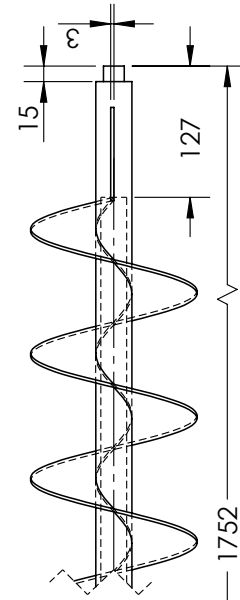
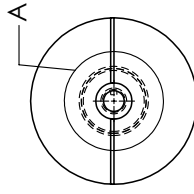
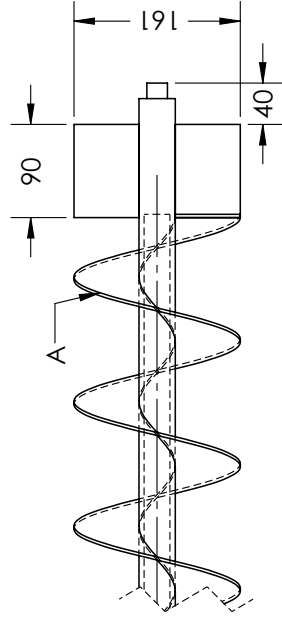
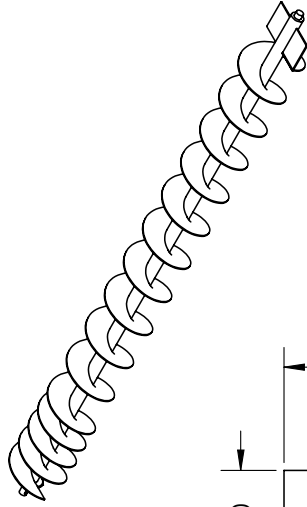





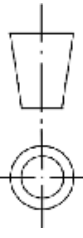
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1 ; ANGULAR: $\pm 0.05^\circ$ * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	19-11-2025	DRG. NAME: Top Cover			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	19-11-2025	DWG NO: ASS_TC_381_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	19-11-2025	MANUFACTURING METHOD: MACHINING			
THIRD ANGLE PROJECTION:				WEIGHT: 1.18 kg			
				MATERIAL: ASTM A36 STEEL			
				SCALE: 1:2			
				SHEET: 381			
				REVISION: A			

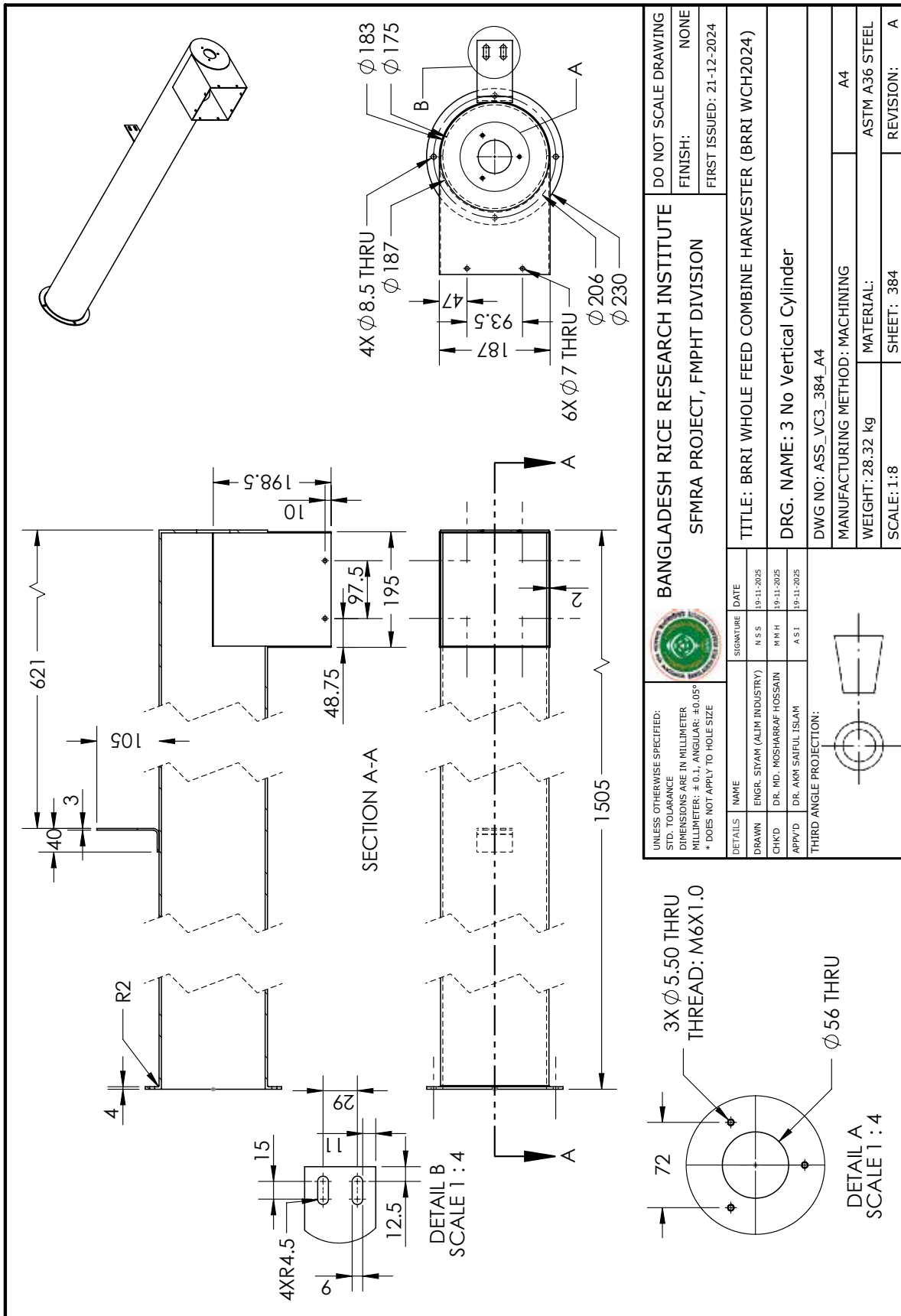


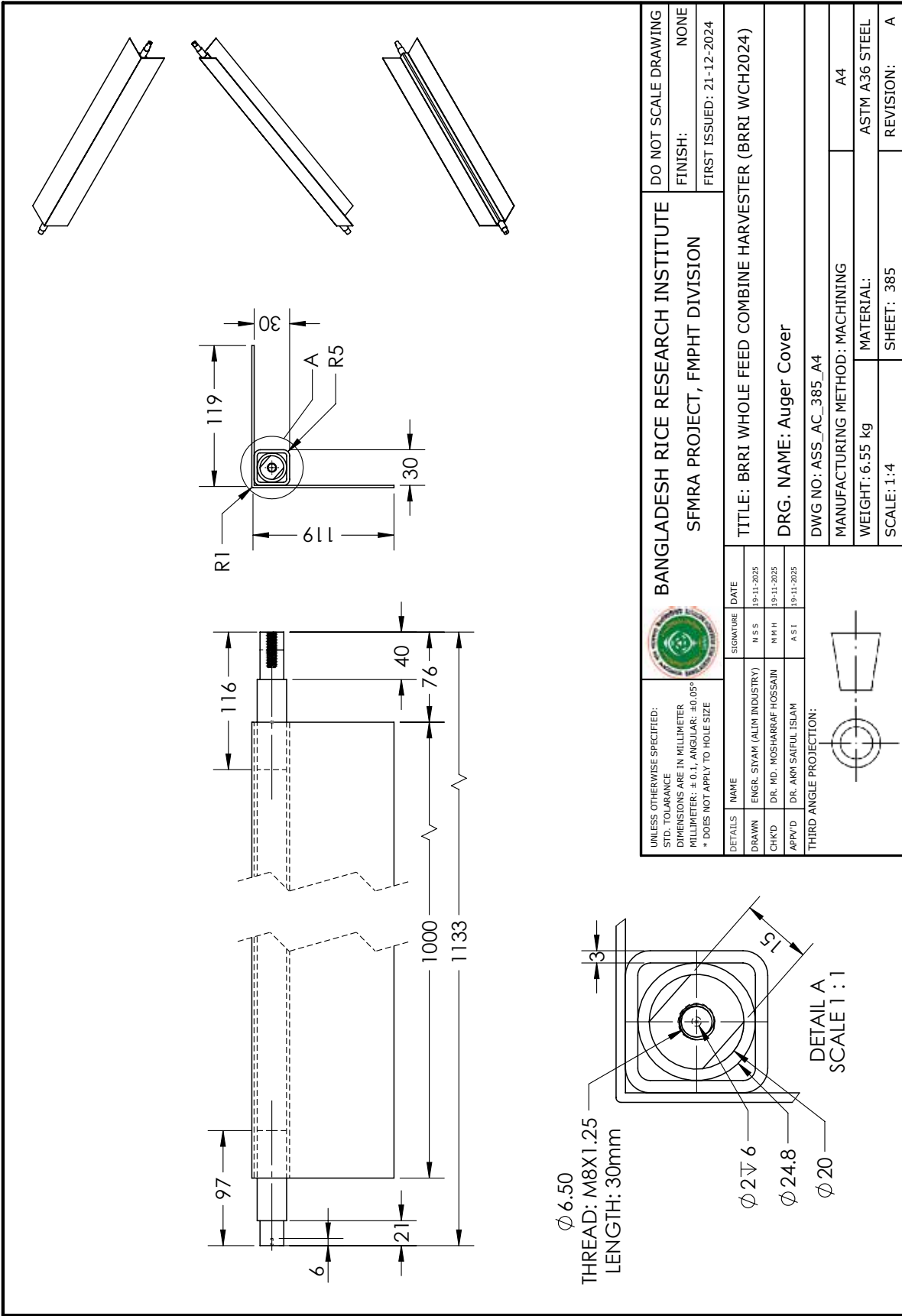
PARAMETER	A	B
PITCH	121 mm	121 mm
REVOLUTION	13	2
START ANGLE	180 deg	0 deg
DIRECTION	Counterclockwise	Counterclockwise
THICKNESS	3 mm	3 mm



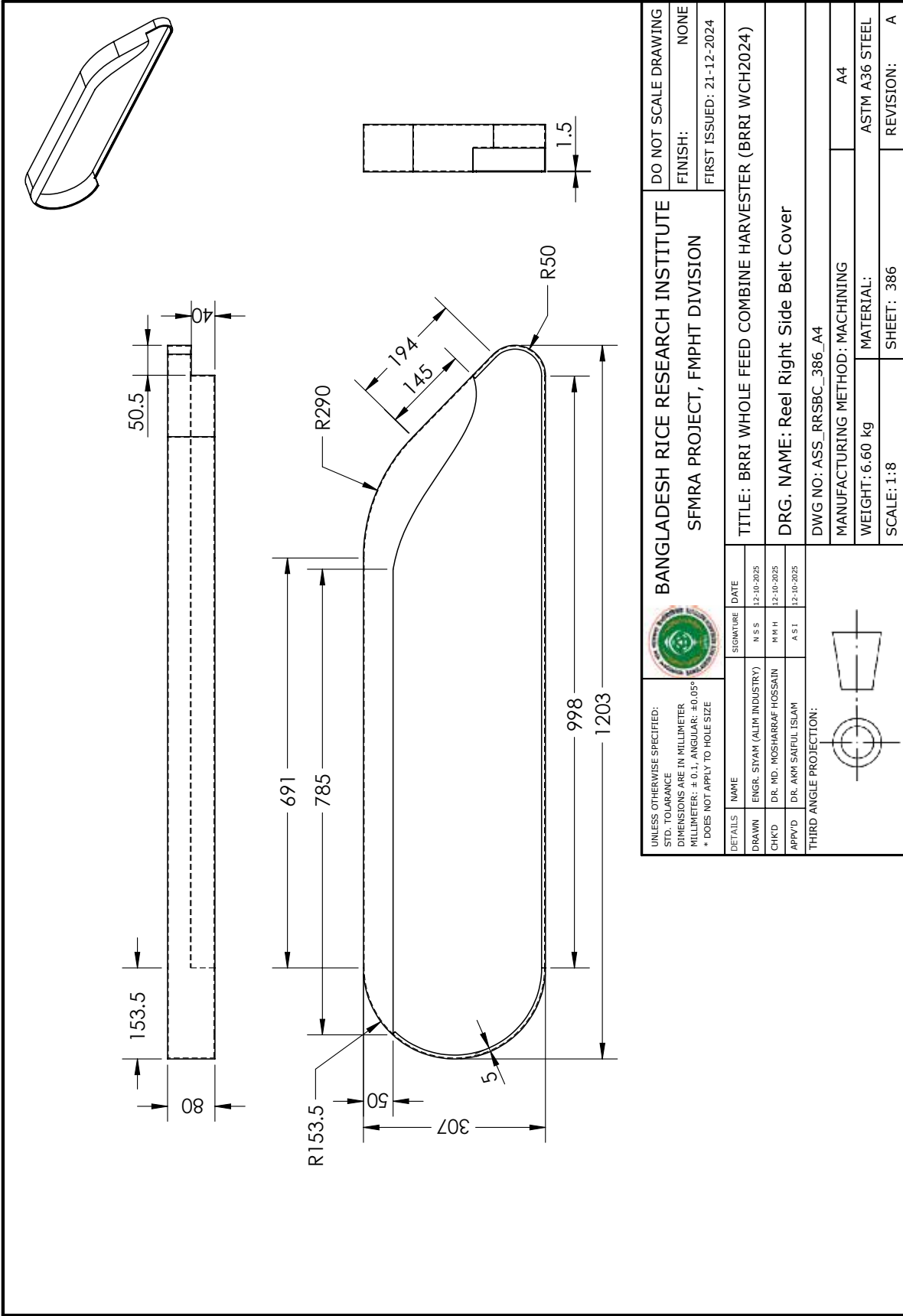
DETAIL A
SCALE 1 : 3


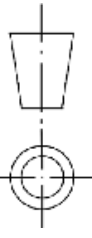
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DETAILS	NAME	SIGNATURE	DATE	TITLE: BIRRI WHOLE FEED COMBINE HARVESTER (BIRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	19-11-2025	DRG. NAME: 3 No Vertical Auger			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M H H	19-11-2025	DWG NO: ASS_VA3_383_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	19-11-2025	MANUFACTURING METHOD: MACHINING			
THIRD ANGLE PROJECTION:				WEIGHT: 13.97 kg			
				SCALE: 1:6			
				MATERIAL: ASTM A36 STEEL			
				SHEET: 383			
				REVISION: A			

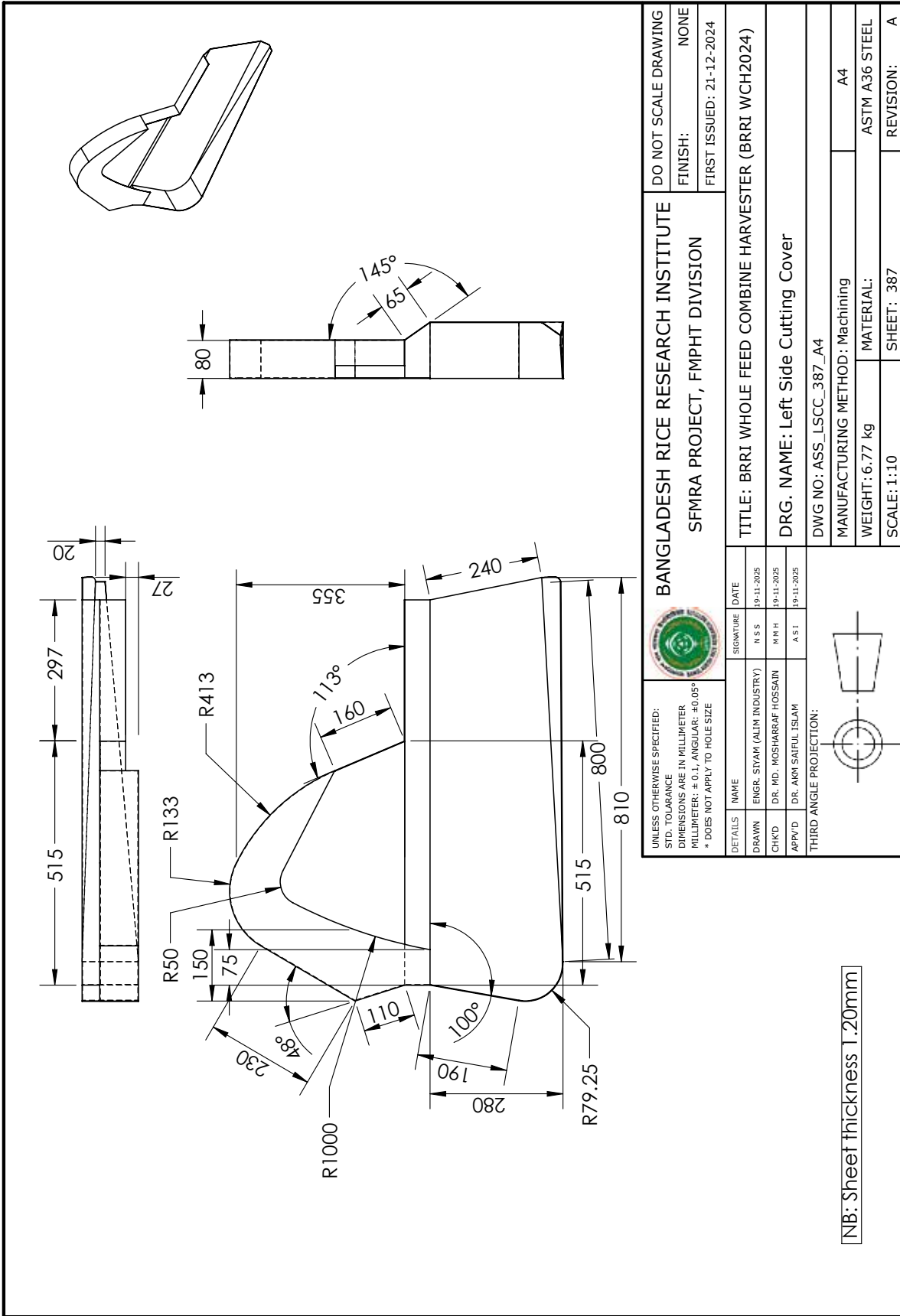


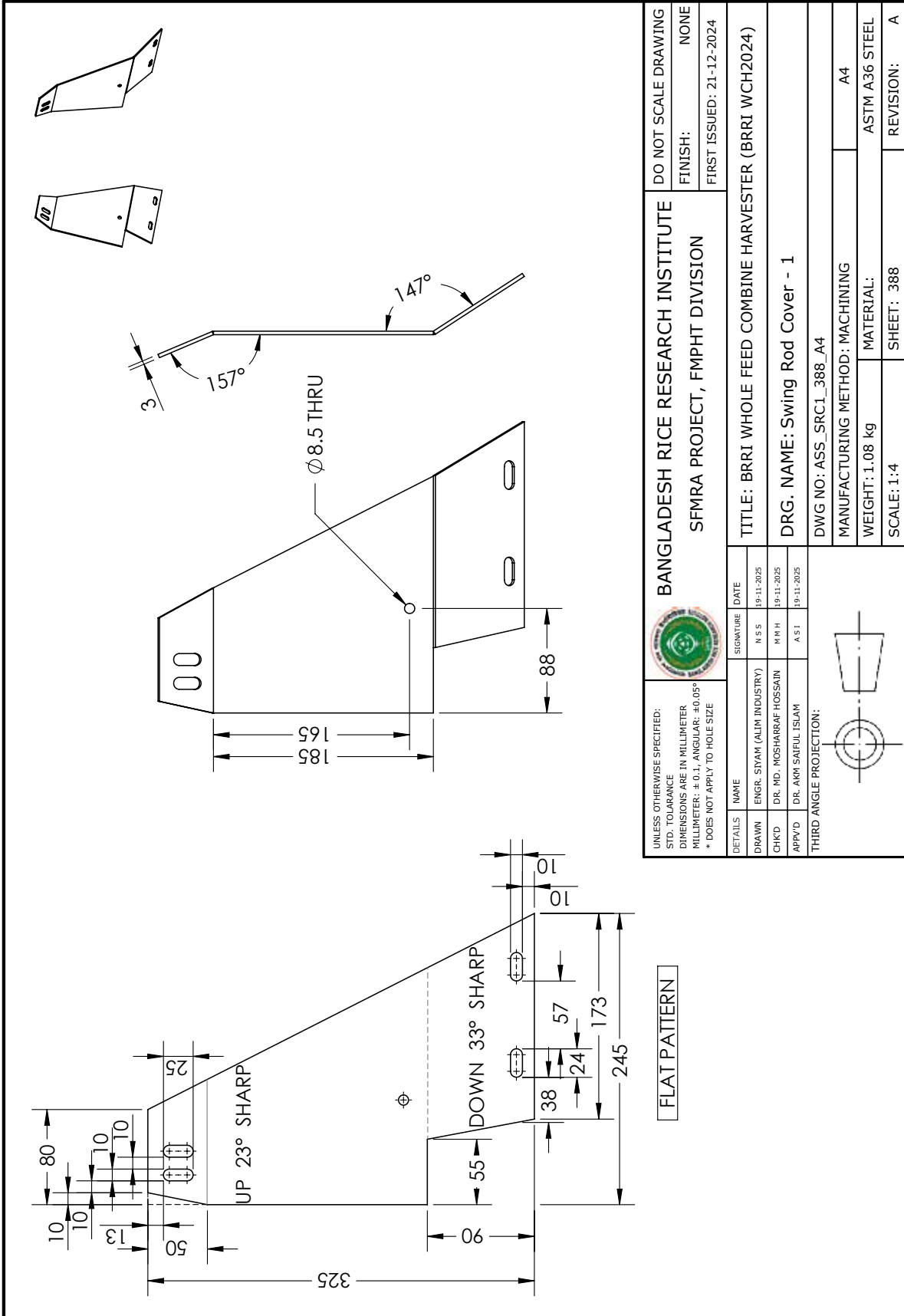



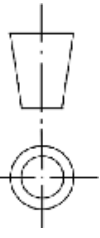
Sub- assembly 11
Outlook section
Sheet no. 386 – 407

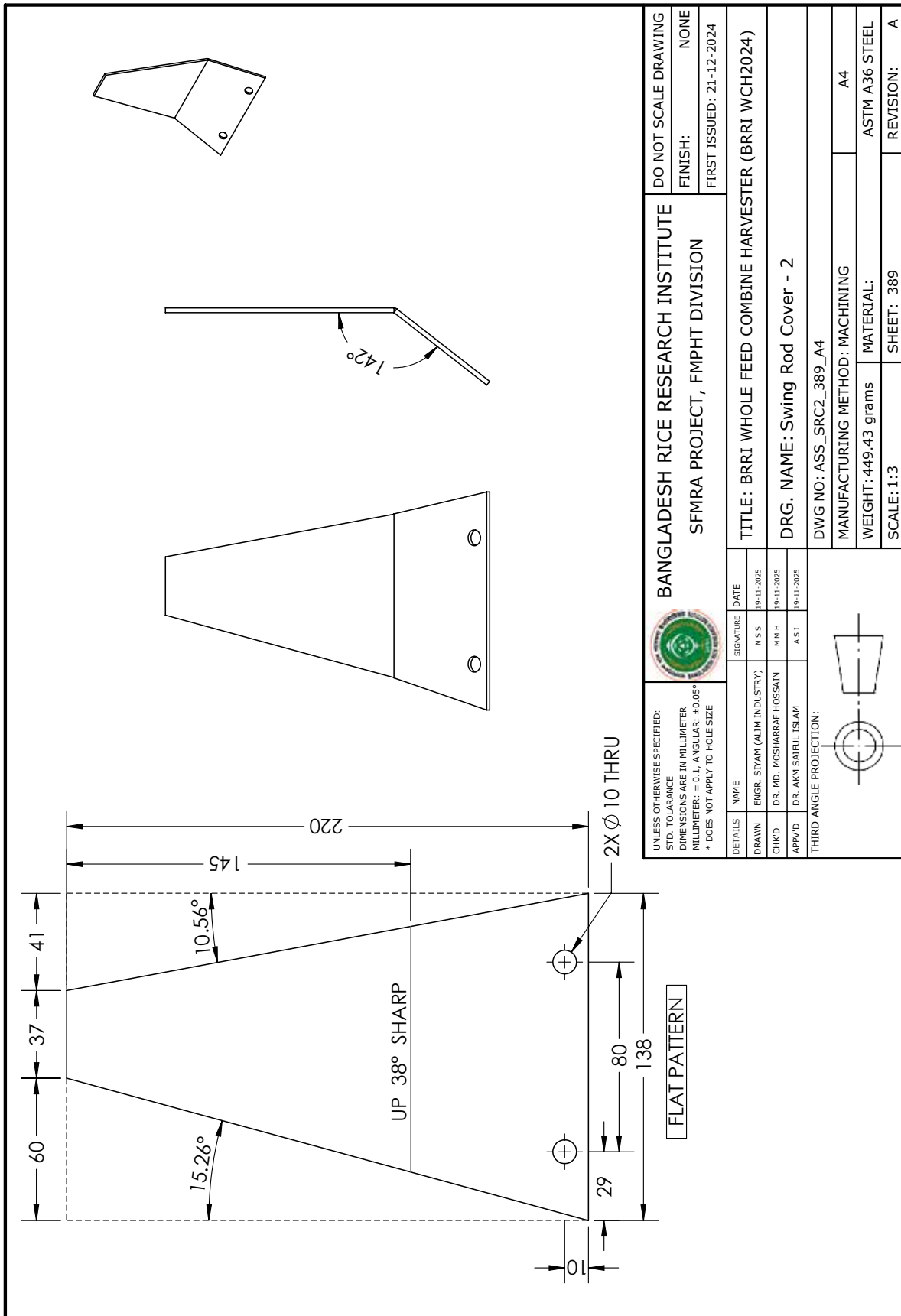


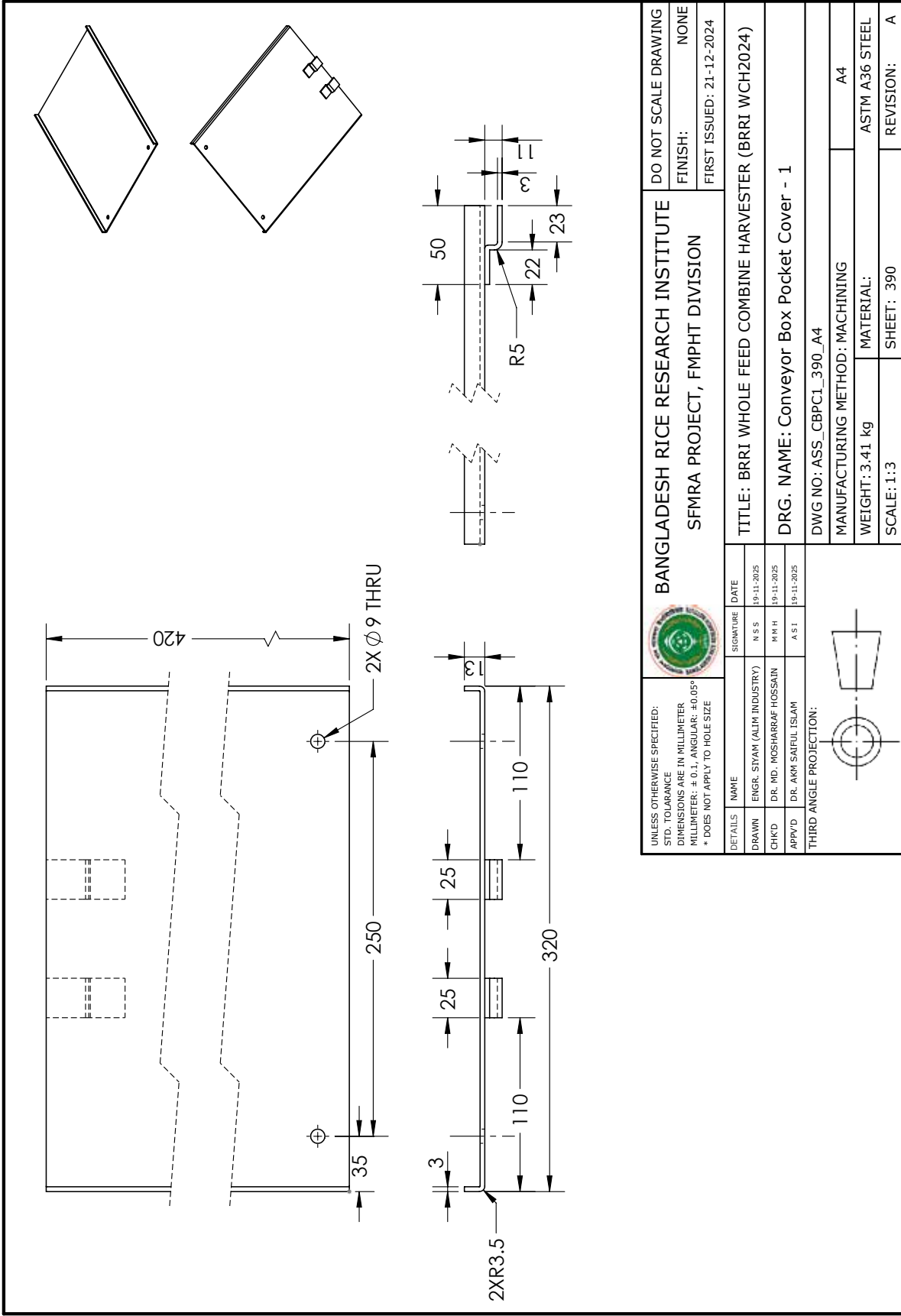
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	12-10-2025	DRG. NAME: Reel Right Side Belt Cover			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	12-10-2025	DWG NO: ASS_RRSBC_386_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	12-10-2025	MANUFACTURING METHOD: MACHINING			
THIRD ANGLE PROJECTION:				WEIGHT: 6.60 kg			
				MATERIAL: ASTM A36 STEEL			
				SCALE: 1:8			
				SHEET: 386			
				REVISION: A			


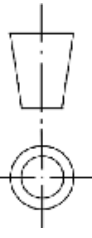


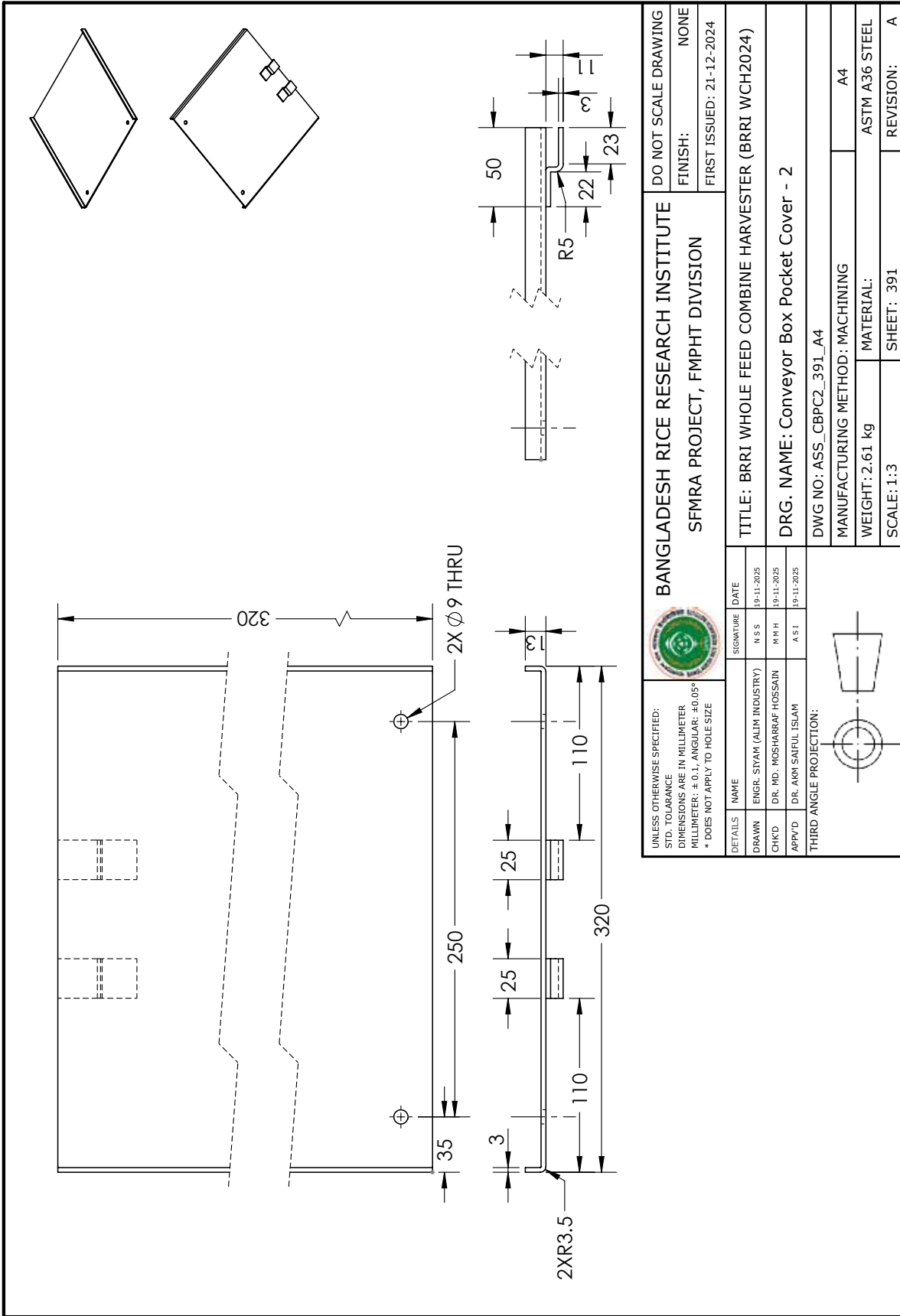


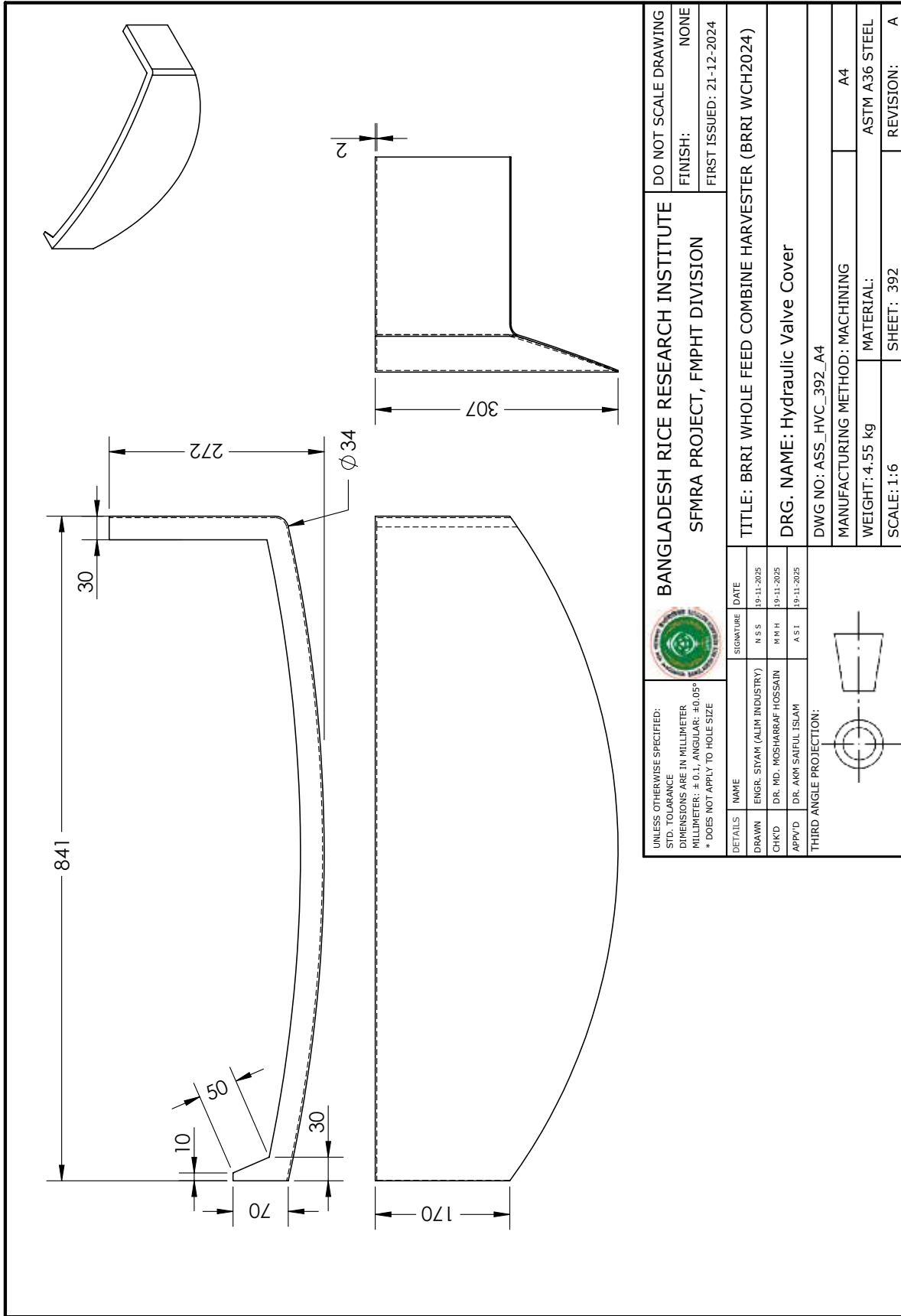
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DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	19-11-2025	DRG. NAME: Swing Rod Cover - 1			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	19-11-2025	DWG NO.: ASS_SRC1_388_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	19-11-2025	MANUFACTURING METHOD: MACHINING			
THIRD ANGLE PROJECTION:				WEIGHT: 1.08 kg			
				MATERIAL: ASTM A36 STEEL			
				SCALE: 1:4			
				SHEET: 388			
				REVISION: A			

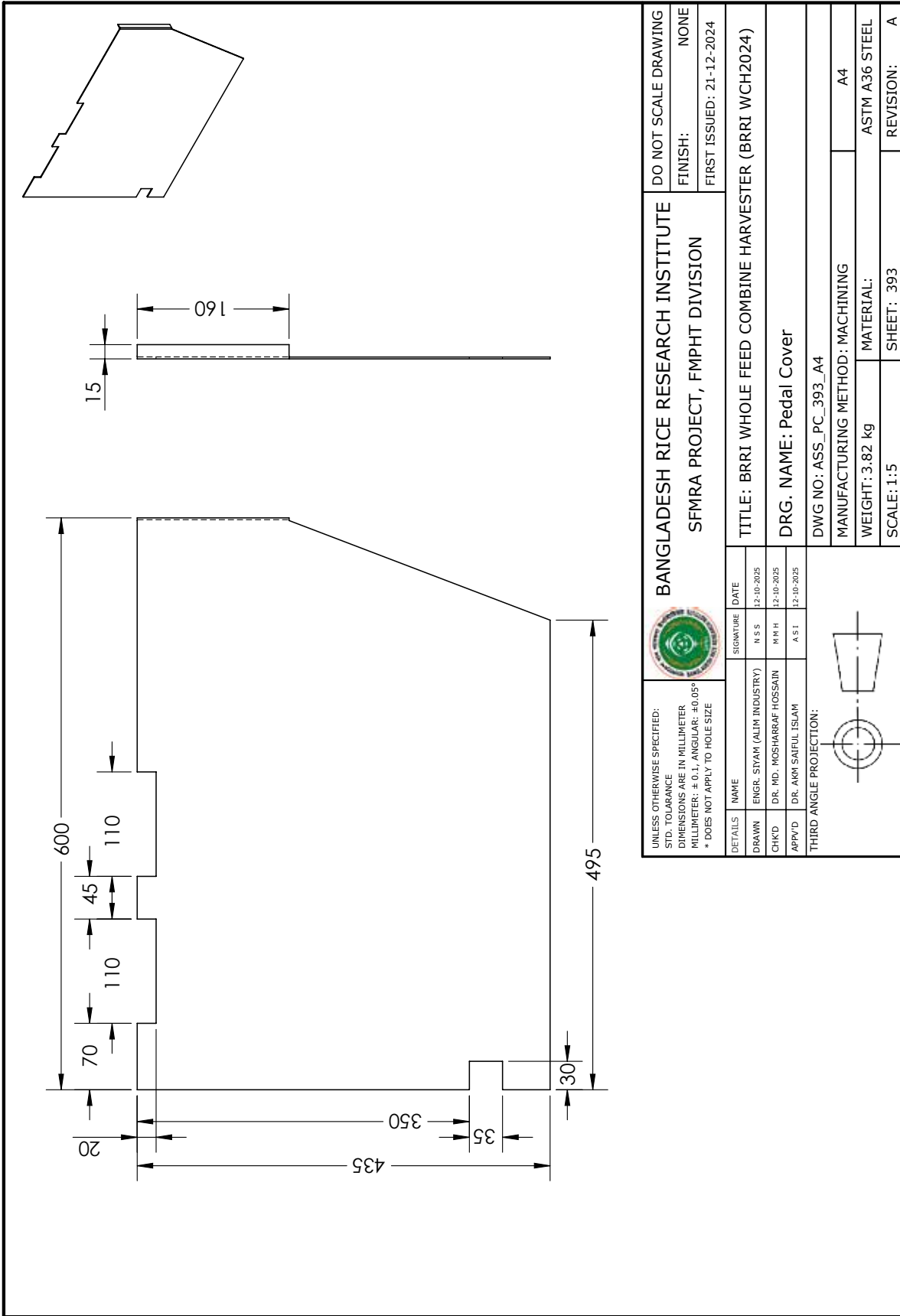




UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	19-11-2025	DRG. NAME: Conveyor Box Pocket Cover - 1			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	19-11-2025	DWG NO: ASS_CBPC1_390_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	19-11-2025	MANUFACTURING METHOD: MACHINING			
THIRD ANGLE PROJECTION:				WEIGHT: 3.41 kg			
				MATERIAL: ASTM A36 STEEL			
				SCALE: 1:3			
				SHEET: 390			
				REVISION: A			







ITEM NO.	PART NAME	QTY.	PART NUMBER	MATERIAL
1	Dashboard Table	1	ASS_DT_395_A4	ASTM A36 STEEL
2	Attachment 1	1	ASS_A1_396_A4	ASTM A36 STEEL
3	Attachment 2	1	ASS_A2_397_A4	ASTM A36 STEEL
4	Bush	1	ASS_BUSH_398_A4	ASTM A36 STEEL
5	Attachment 3	1	ASS_A3_399_A4	ASTM A36 STEEL

BANGLADESH RICE RESEARCH INSTITUTE
SFMRA PROJECT, FMPHT DIVISION

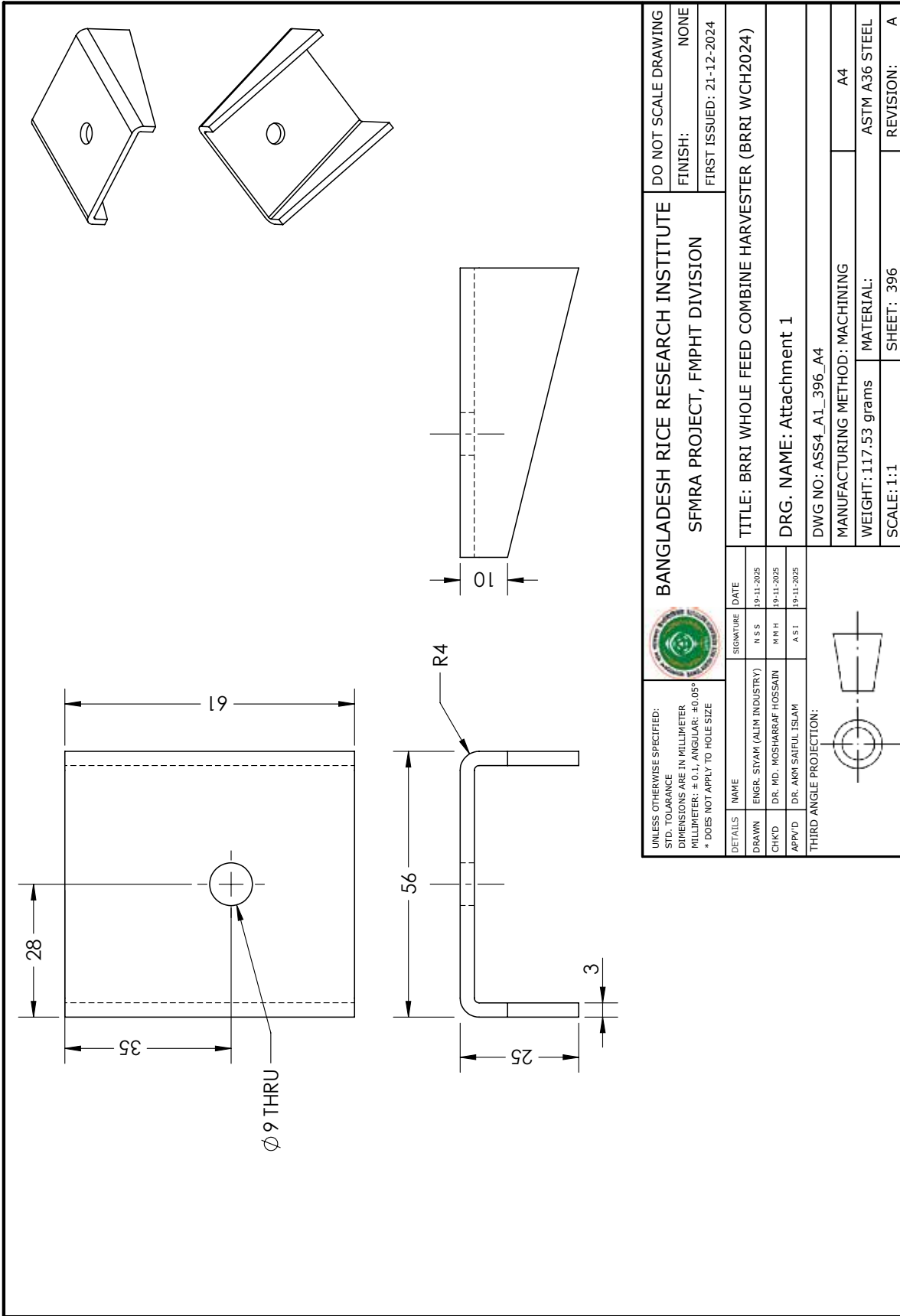
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 FIRST ISSUED: 21-12-2024


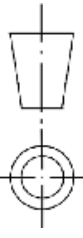
UNLESS OTHERWISE SPECIFIED:
 STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER
 MILLIMETER: ± 0.1; ANGULAR: ± 0.05°
 * DOES NOT APPLY TO HOLE SIZE

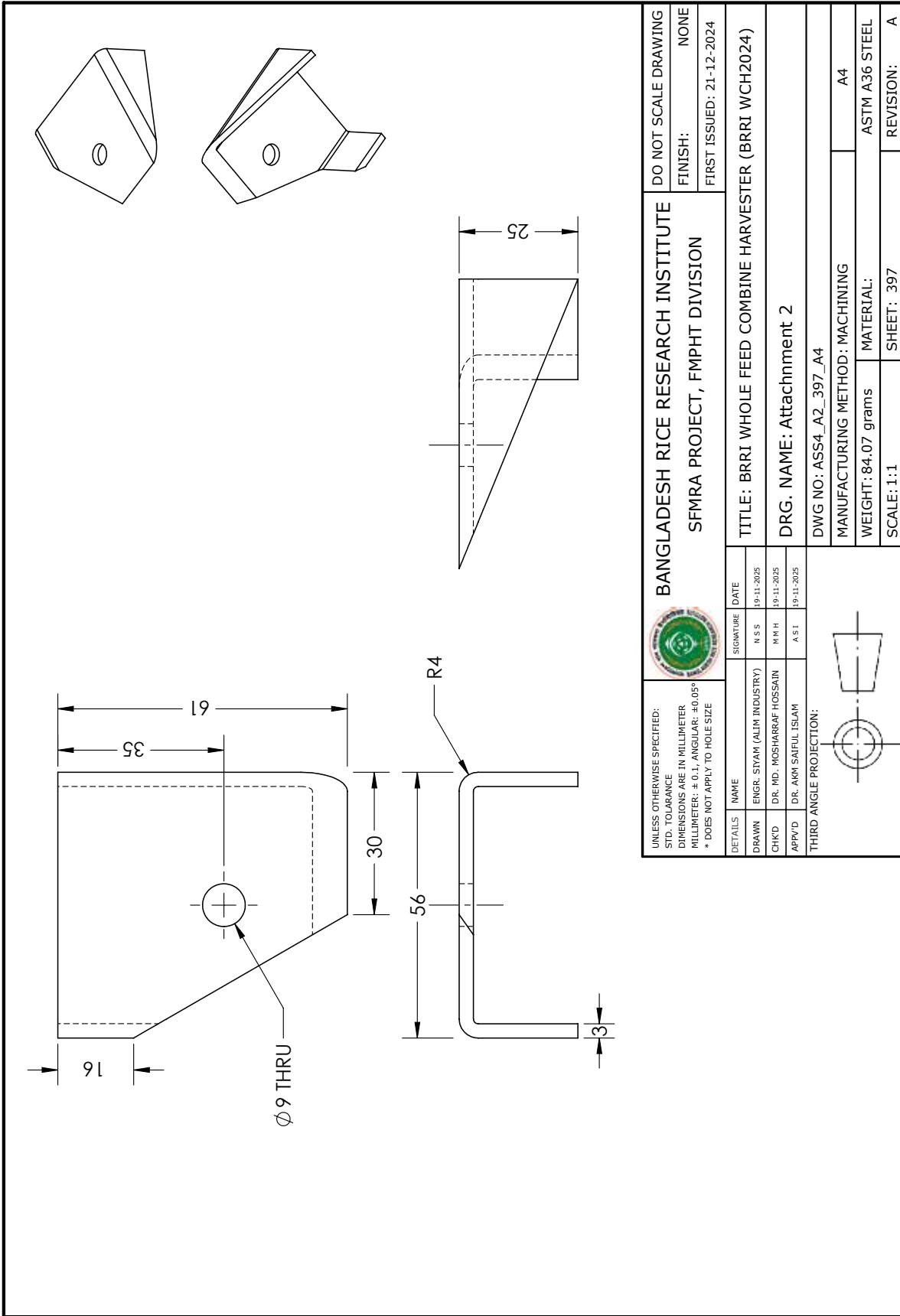
TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)
 DRG. NAME: Dashboard Table Assembly
 DWG NO: ASS4_DTA_394_A4
 MANUFACTURING METHOD: MACHINING
 WEIGHT: 13.01 kg
 MATERIAL:
 SCALE: 1:12
 SHEET: 394
 REVISION: A

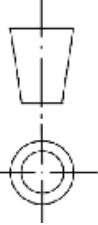
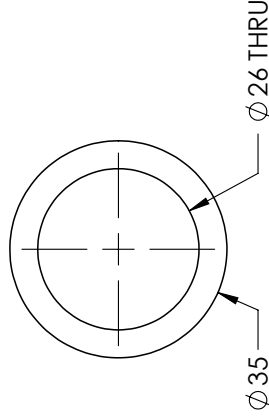
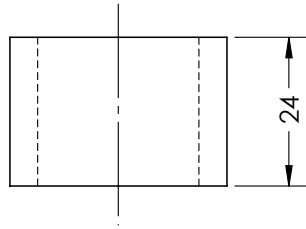
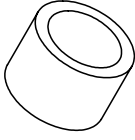
DETAILS	NAME	SIGNATURE	DATE
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	12-10-2025
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	12-10-2025
APP'VD	DR. AKM SAIFUL ISLAM	A S I	12-10-2025


THIRD ANGLE PROJECTION:

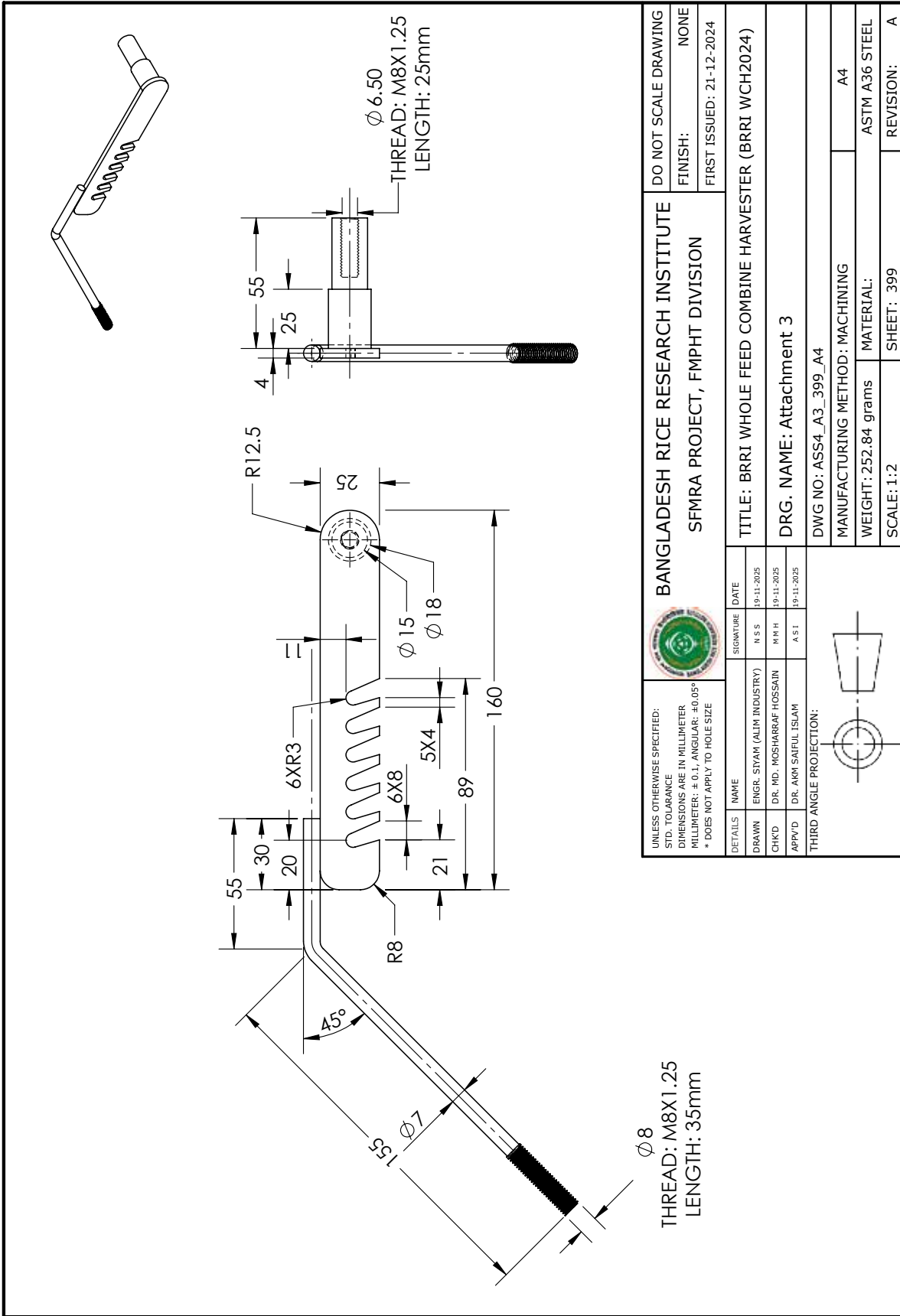


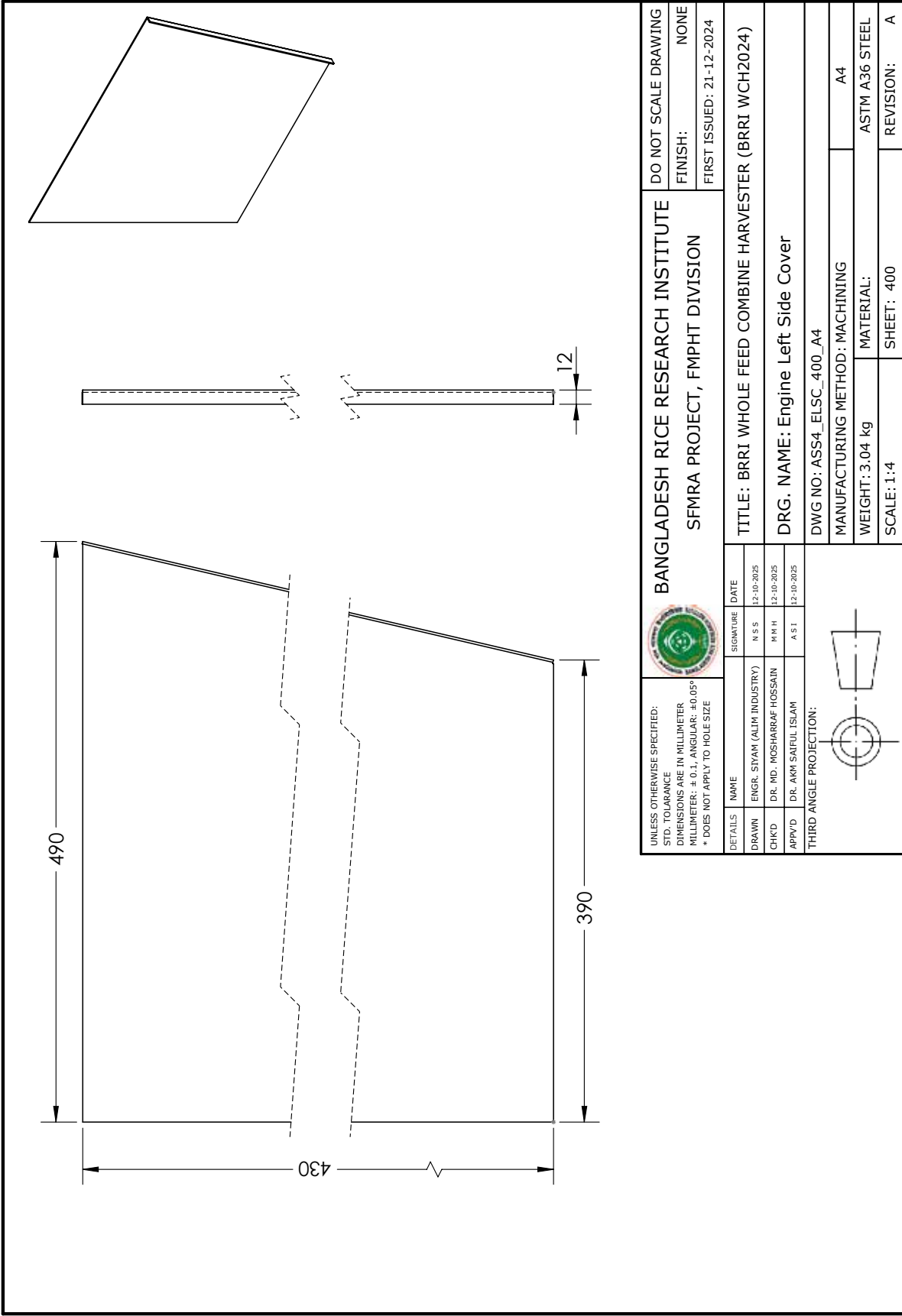
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRI WHOLE FEED COMBINE HARVESTER (BRI WCH2024)			
DRAWN	ENGR. SYAM (ALIM INDUSTRY)	N S S	19-11-2025	DRG. NAME: Attachment 1			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	19-11-2025	DWG NO: ASS4_A1_396_A4			
APP'VD	DR. AKI SAIFUL ISLAMI	A S I	19-11-2025	MANUFACTURING METHOD: MACHINING			
THIRD ANGLE PROJECTION:				WEIGHT: 117.53 grams			
				MATERIAL: ASTM A36 STEEL			
				SCALE: 1:1			
				SHEET: 396			
				REVISION: A			


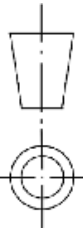


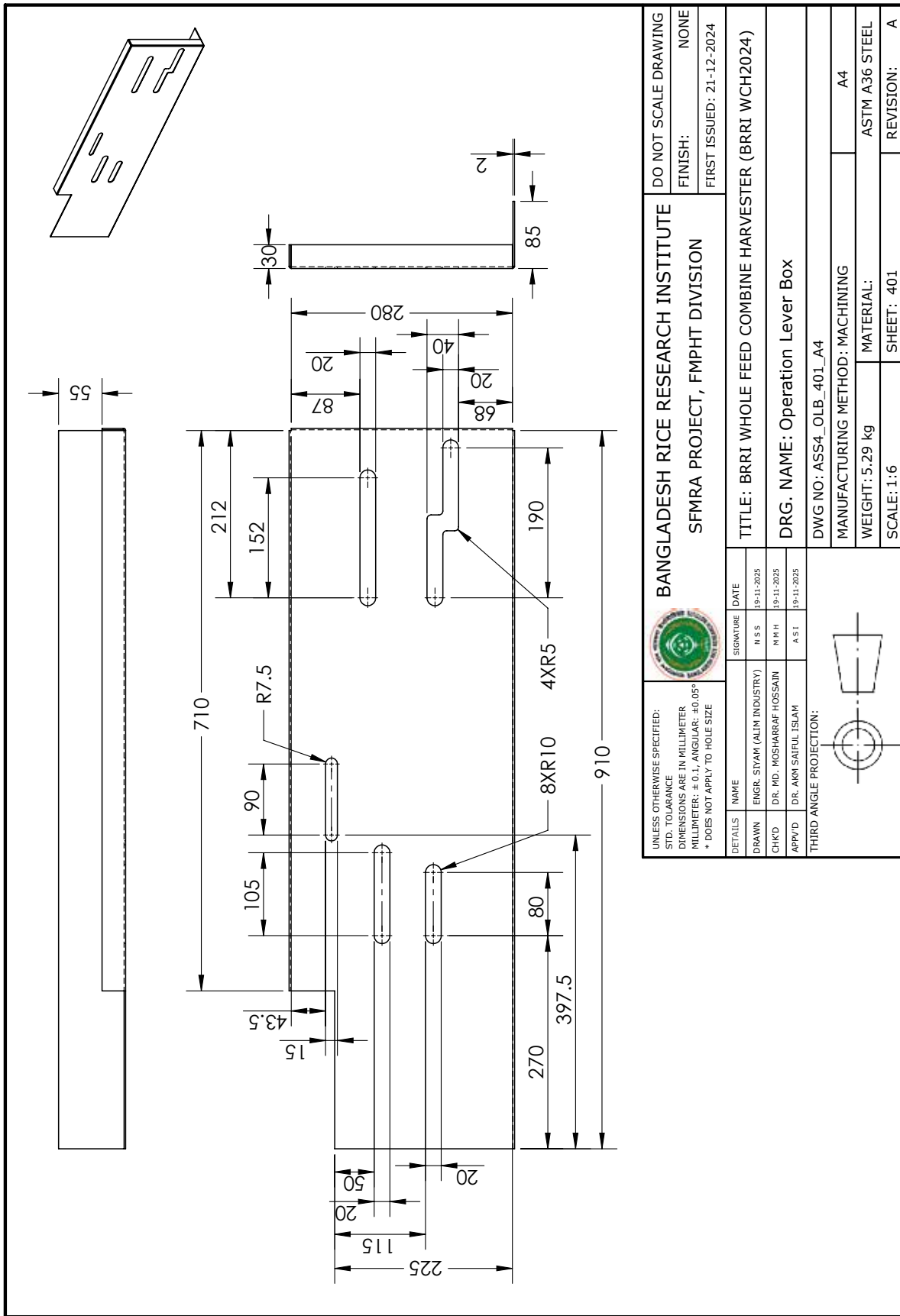



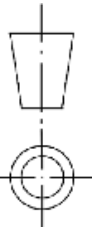
UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS NAME SIGNATURE DATE DRAWN ENGR. SIYAM (ALIM INDUSTRY) N S S 19-11-2025 CHK'D DR. MD. MOSHARRAF HOSSAIN M R H 19-11-2025 APP'VD DR. AKM SAIFUL ISLAM A S I 19-11-2025		TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)		DRG. NAME: Bush		DWG NO: ASS4_BUSH_398_A4	
THIRD ANGLE PROJECTION:		MANUFACTURING METHOD: MACHINING		WEIGHT: 37.13 grams		MATERIAL: ASTM A36 STEEL	
				SCALE: 1:1		SHEET: 398	
						REVISION: A	

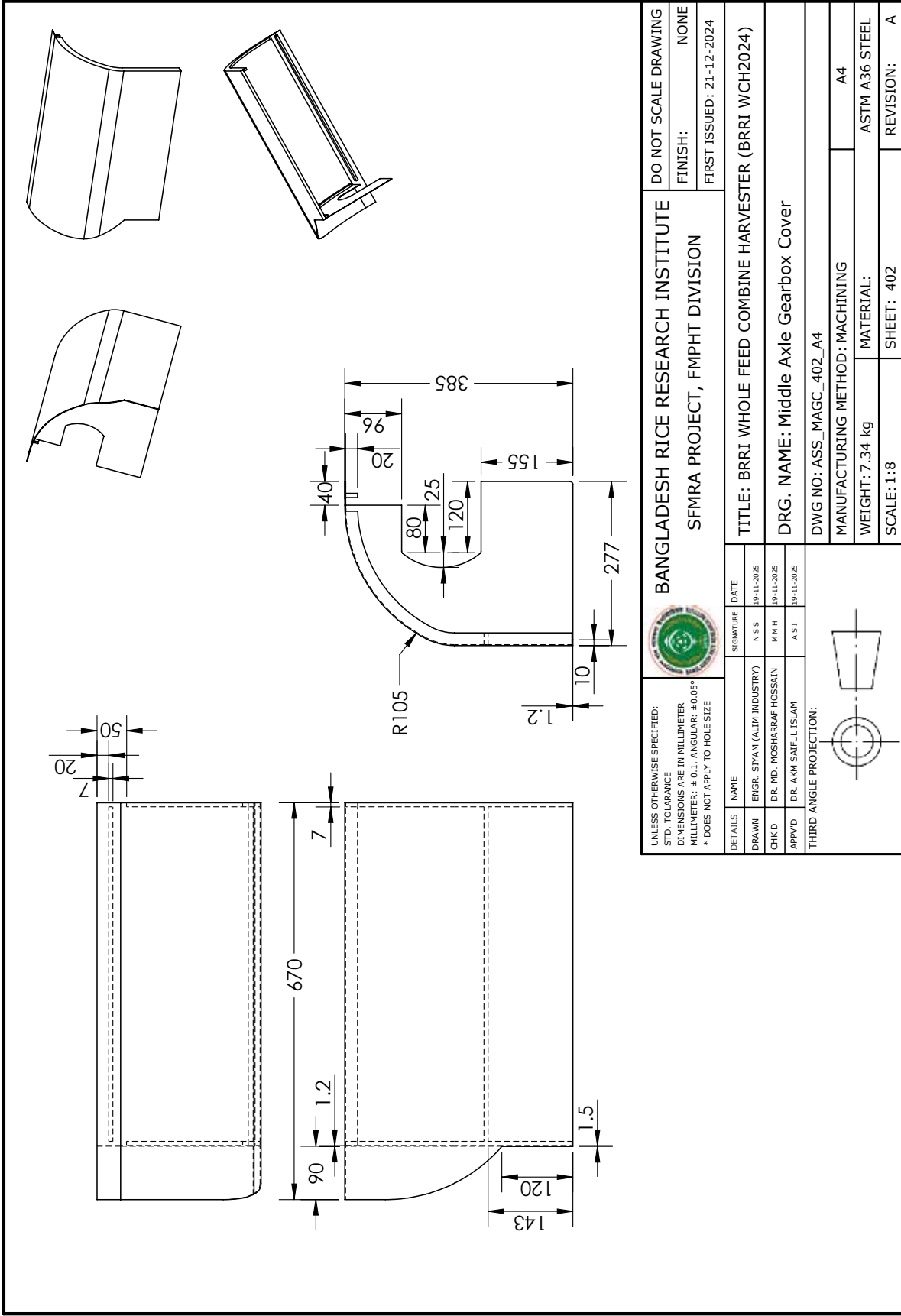



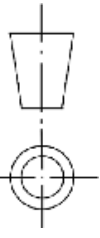


UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	12-10-2025	FINISH: NONE			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	12-10-2025	FIRST ISSUED: 21-12-2024			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	12-10-2025	DRG. NAME: Engine Left Side Cover			
THIRD ANGLE PROJECTION:				DWG NO: ASS4_ELSC_400_A4			
				MANUFACTURING METHOD: MACHINING			
				WEIGHT: 3.04 kg			
				MATERIAL: ASTM A36 STEEL			
				SCALE: 1:4			
				SHEET: 400			
				REVISION: A			



UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1 ; ANGULAR: $\pm 0.05^\circ$ * DOES NOT APPLY TO HOLE SIZE		 BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING
DETAILS		SIGNATURE	DATE	FINISH: NONE
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	19-11-2025	FIRST ISSUED: 21-12-2024
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M R H	19-11-2025	
APP'VD	DR. AKM SAIFUL ISLAM	A S I	19-11-2025	
THIRD ANGLE PROJECTION:		TITLE: BRR I WHOLE FEED COMBINE HARVESTER (BRR I WCH2024)		
		DRG. NAME: Operation Lever Box		
		DWG NO.: ASS4_OLB_401_A4		
		MANUFACTURING METHOD: MACHINING		
		WEIGHT: 5.29 kg		
		SCALE: 1:6		
		SHEET: 401		
		REVISION: A		
		MATERIAL: ASTM A36 STEEL		
		A4		



UNLESS OTHERWISE SPECIFIED: STD. TOLERANCE DIMENSIONS ARE IN MILLIMETER MILLIMETER: ± 0.1; ANGULAR: ± 0.05° * DOES NOT APPLY TO HOLE SIZE				BANGLADESH RICE RESEARCH INSTITUTE SFMRA PROJECT, FMPHT DIVISION		DO NOT SCALE DRAWING FINISH: NONE FIRST ISSUED: 21-12-2024	
DETAILS	NAME	SIGNATURE	DATE	TITLE: BRRRI WHOLE FEED COMBINE HARVESTER (BRRRI WCH2024)			
DRAWN	ENGR. SIYAM (ALIM INDUSTRY)	N S S	19-11-2025	DRG. NAME: Middle Axle Gearbox Cover			
CHK'D	DR. MD. MOSHARRAF HOSSAIN	M H H	19-11-2025	DWG NO: ASS_MAGC_402_A4			
APP'VD	DR. AKM SAIFUL ISLAM	A S I	19-11-2025	MANUFACTURING METHOD: MACHINING			
THIRD ANGLE PROJECTION:							
				WEIGHT: 7.34 kg SCALE: 1:8 MATERIAL: ASTM A36 STEEL SHEET: 402 REVISION: A			

