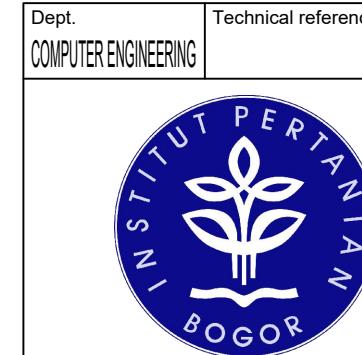
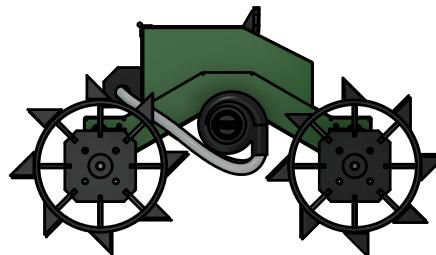
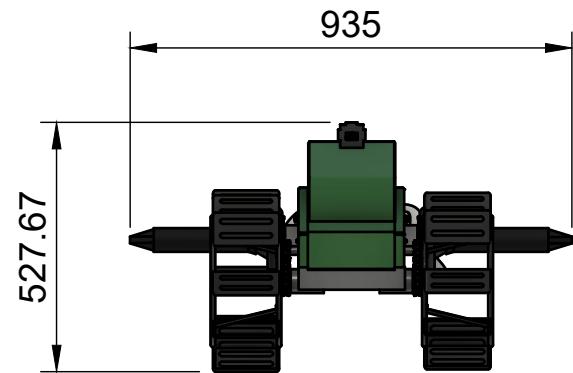
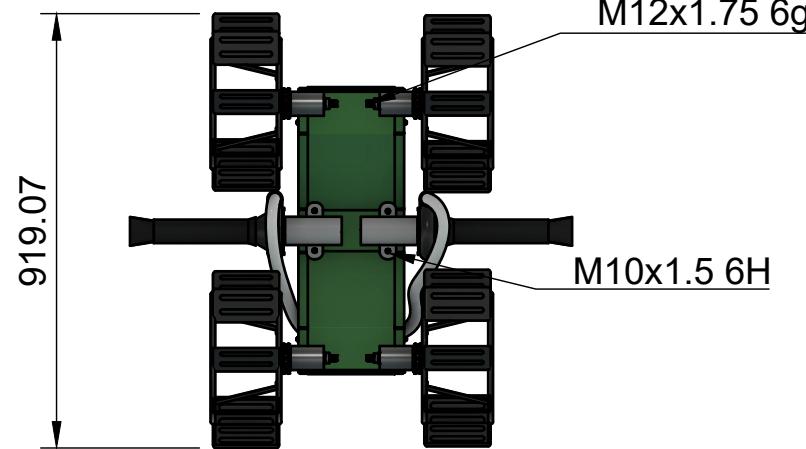


Parts List			1	2	3	4	5	6	7	8	A
Item	Part Name	Material									B
A	1 Main Frame	Steel, Galvanized									
	2 Leg Frame	Steel, Galvanized									
B	3 Main case										
	4 Sides Case	Aluminum									
C	5 Leg Case	Aluminum									
	6 BESI SEAMLESS	Steel									
D	7 BESI L	Steel									
	8 BEARINGS	Steel									
E	9 GEARBOX DC MOTOR	Steel									
	10 BESI AS SEAMLESS	Steel									
F	11 RING,MUR M12X1.75	Steel									
	12 BESI AS GEARBOX	Steel									
G	13 GEAR OSK 8	Steel									
	14 GEAR OSK 12	Steel									
H	15 PLAT RODA	Steel									
	16 RANTAI	Steel									
I	17 RODA L-R	Steel									
	18 VACUUM	Steel									
J	19 RING,MUR M8X1.25	Steel									
	20 RING, M4X0.7-80	Steel									
K	21 ELECTRONICS										
	22 BAUT M6	Steel									
L	23 PENUTUP	Steel									
	24 TRAP										



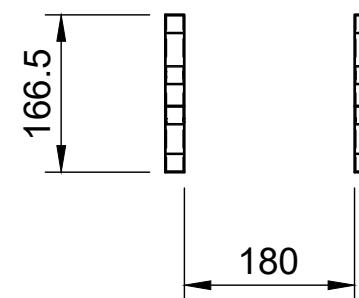
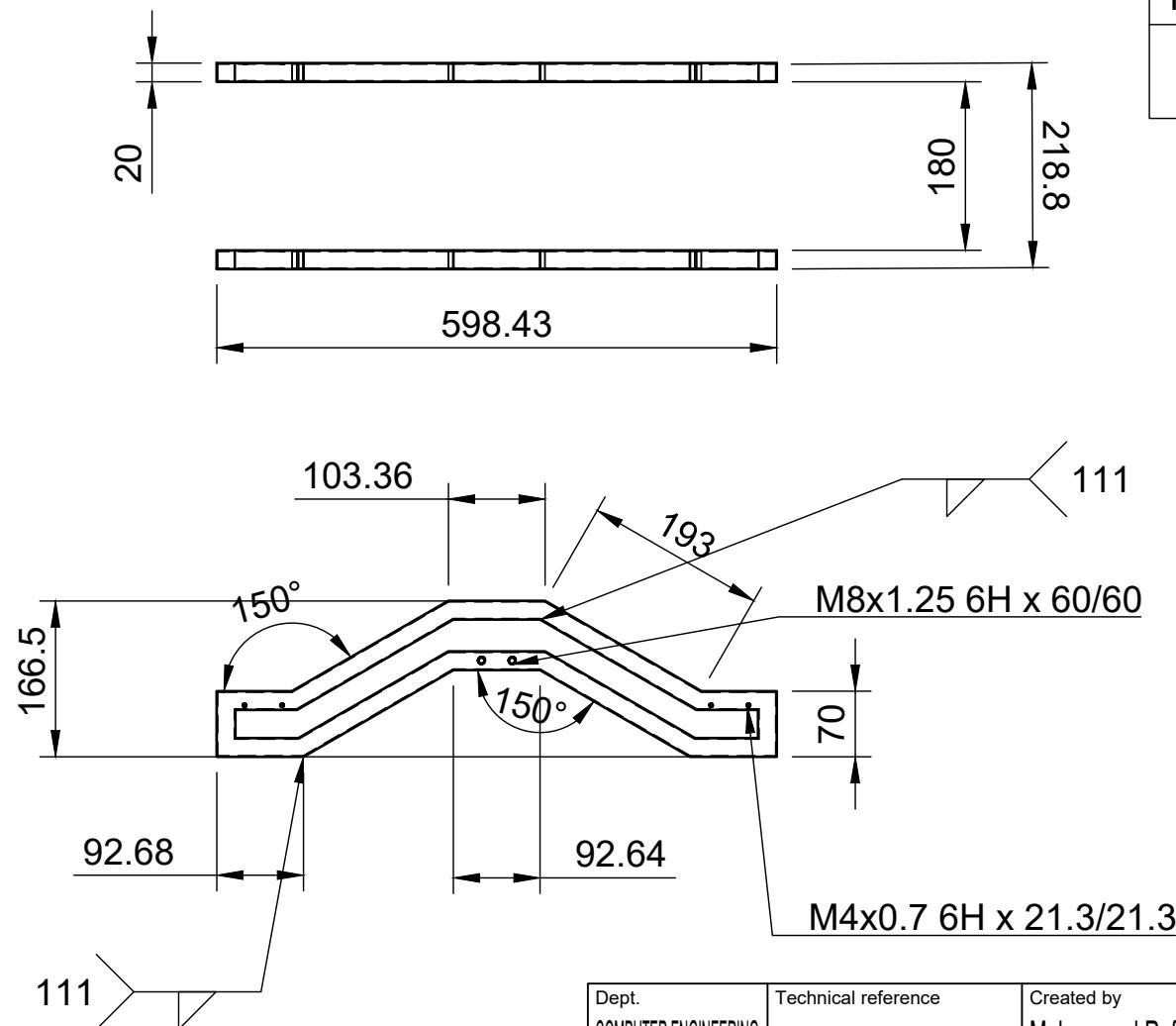
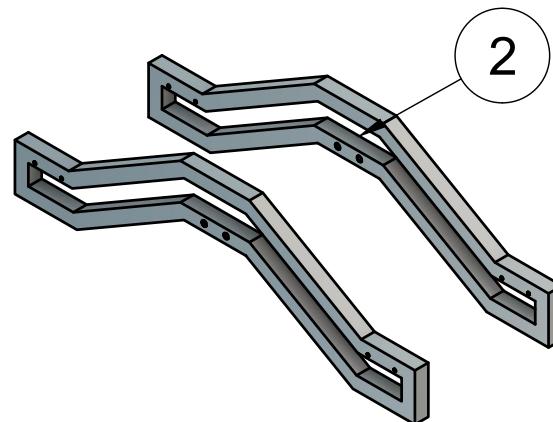
Dept. COMPUTER ENGINEERING	Technical reference	Created by Muhammad Rafi Ari Ghani 30/05/2024	Approved by RIDWAN SISKANDAR
	Document type GENERAL DRAWING	Document status FINAL	
	Title AID-E AUTOMATED INSECT DETECTION AND ELIMINATION	DWG No.	
Rev. 1	Date of issue 30/05/2024	Sheet 1/32	



Dept. COMPUTER ENGINEERING	Technical Reference	Created by Muhammad Rafi Ari Ghani 30/05/2024	Approved by Ridwan Siskandar
	Document type GENERAL DRAWING	Document status FINAL	
	Title AID-E AUTOMATED INSECT DETECTION AND ELIMINATION	DWG No.	
		Rev. 1	Date of issue 30/05/2024
			Sheet 2/32

Parts List

Item	Qty	Part Name	Material
2	1	Leg Frame	Steel, Galvanized



Dept.
COMPUTER ENGINEERING

Technical reference

Created by
Muhammad Rafi Ari Ghani 30/05/2024

Approved by
Ridwan Siskandar



Document type
PART DRAWING

Title
AID-E
AUTOMATED INSECT DETECTION AND ELIMINATION

Document status
FINAL

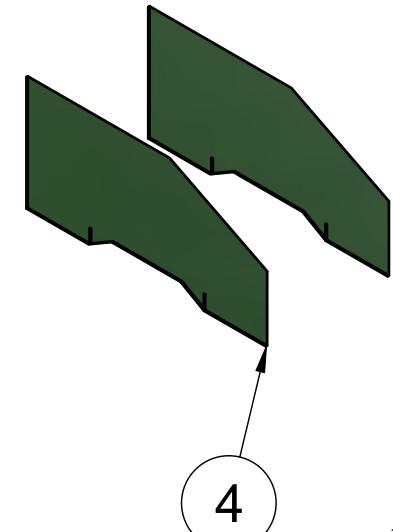
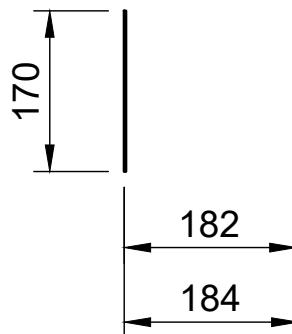
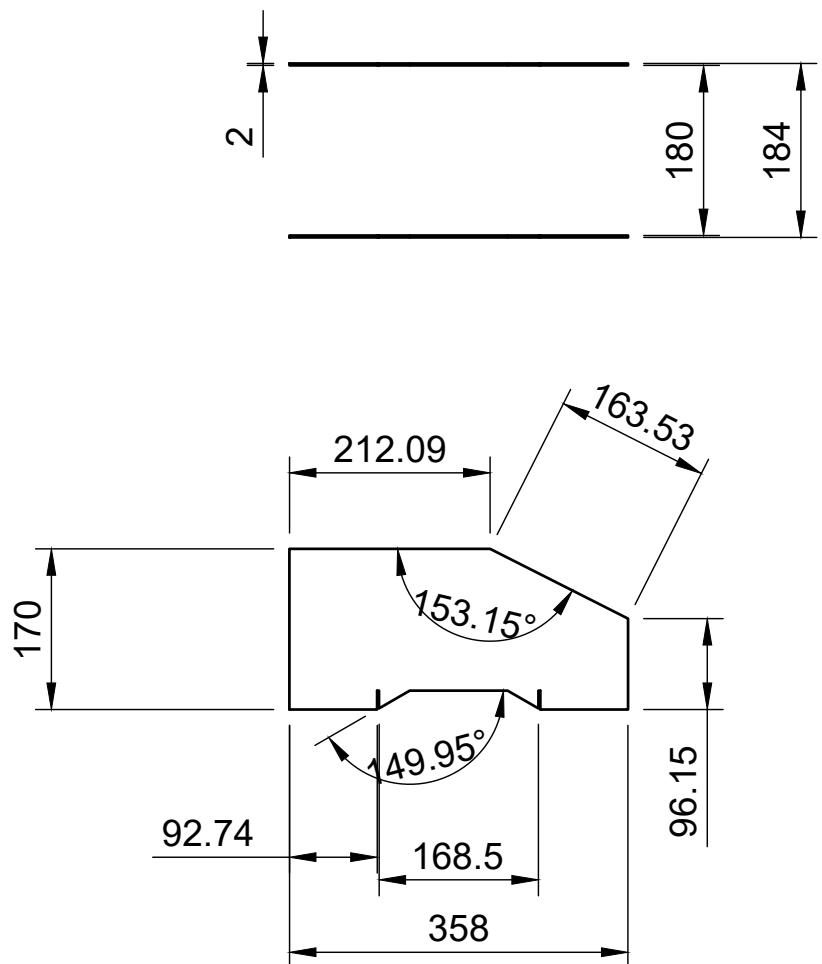
DWG No.

Rev. 1 Date of issue 30/05/2024

Sheet 3/32

Parts List

Item	Qty	Part Name	Material
4	1	Sides Case	Aluminum



Dept.
COMPUTER ENGINEERING

Technical reference



Created by
Muhammad Rafi Ari Ghani 30/05/2024

Approved by
Ridwan Siskandar

Document type
PART DRAWING

Document status
FINAL

Title
AID-E
AUTOMATED INSECT DETECTION AND ELIMINATION

DWG No.

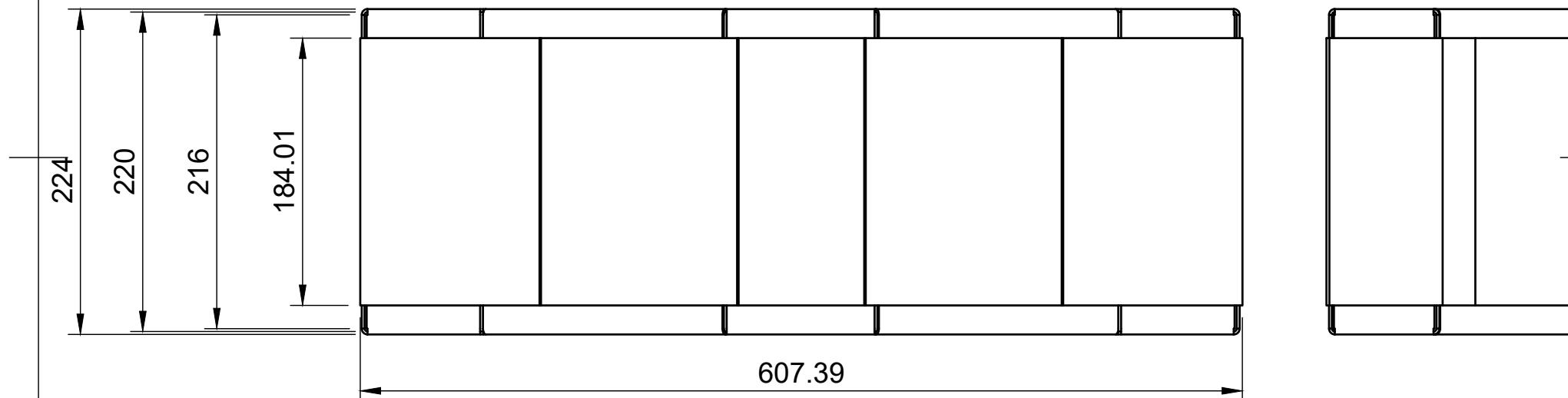
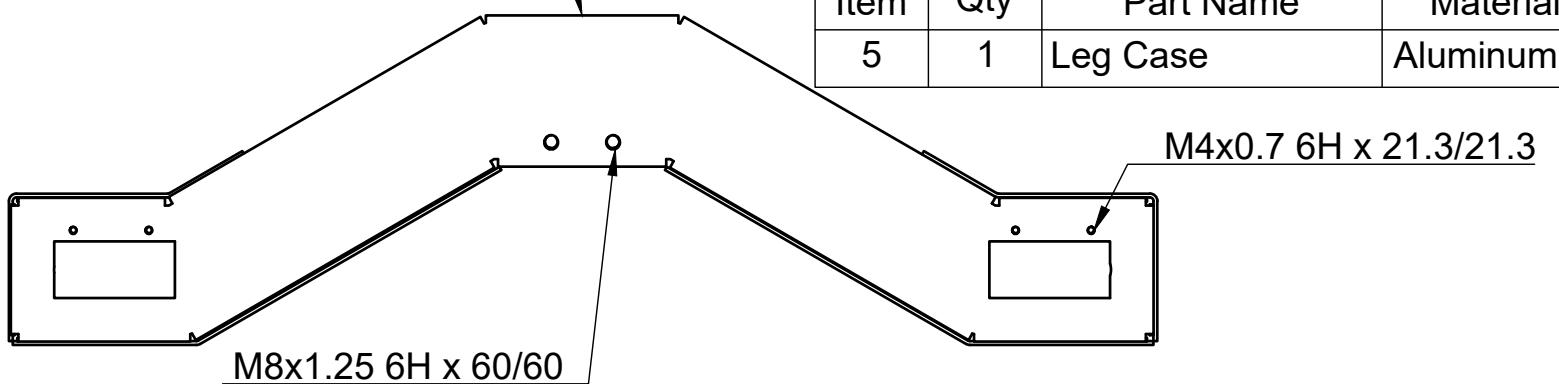
Rev. 1 Date of issue 30/05/2024

Sheet 4/32

5

Parts List

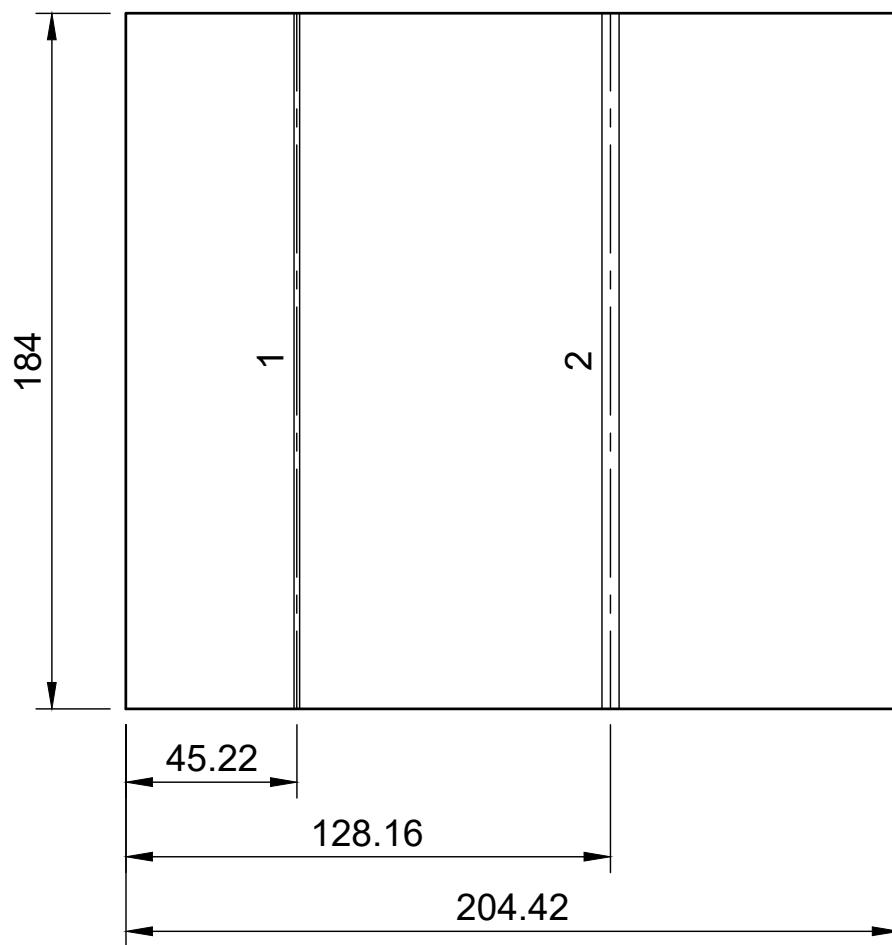
Item	Qty	Part Name	Material
5	1	Leg Case	Aluminum



Dept. COMPUTER ENGINEERING	Technical reference	Created by Muhammad Rafi Ari Ghani 30/05/2024	Approved by Ridwan Siskandar
		Document type	Document status FINAL
		Title AID-E AUTOMATED INSECT DETECTION AND ELIMINATION	DWG No.
Rev. 1	Date of issue 30/05/2024	Sheet 5/32	

Bend Table

ID	Direction	Angle	Radius
1	Up	30	2
2	Down	90	2



Dept.
COMPUTER ENGINEERING

Technical reference



Created by
Muhammad Rafi Ari Ghani 30/05/2024

Approved by
Ridwan Siskandar

Document type
PART DRAWING

Document status
FINAL

Title
AID-E
AUTOMATED INSECT DETECTION AND ELIMINATION

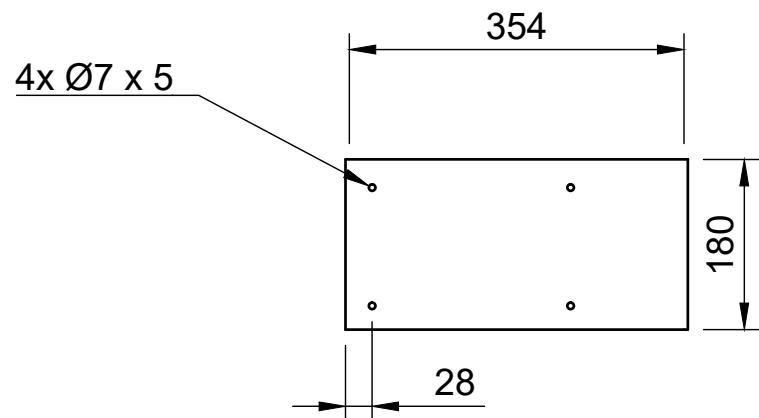
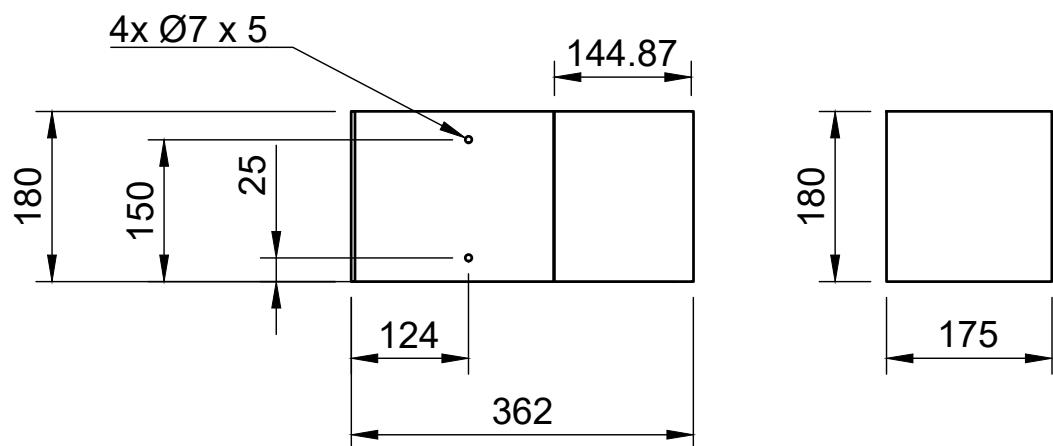
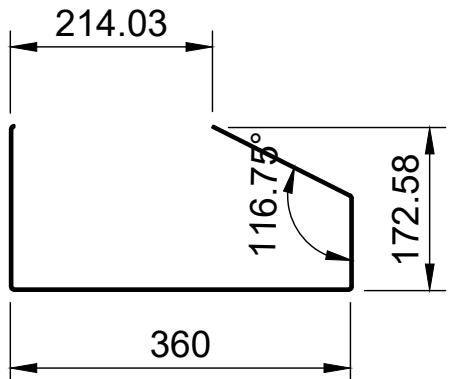
DWG No.

Rev. 1 Date of issue 30/05/2024

Sheet 6/32

Parts List

Item	Qty	Part Name	Material
1	1	Component5	



Dept.
COMPUTER ENGINEERING

Technical reference



Created by
Muhammad Rafi Ari Ghani 30/05/2024

Approved by
Ridwan Siskandar

Document type
PART DRAWING

Document status
FINAL

Title
AID-E
AUTOMATED INSECT DETECTION AND ELIMINATION

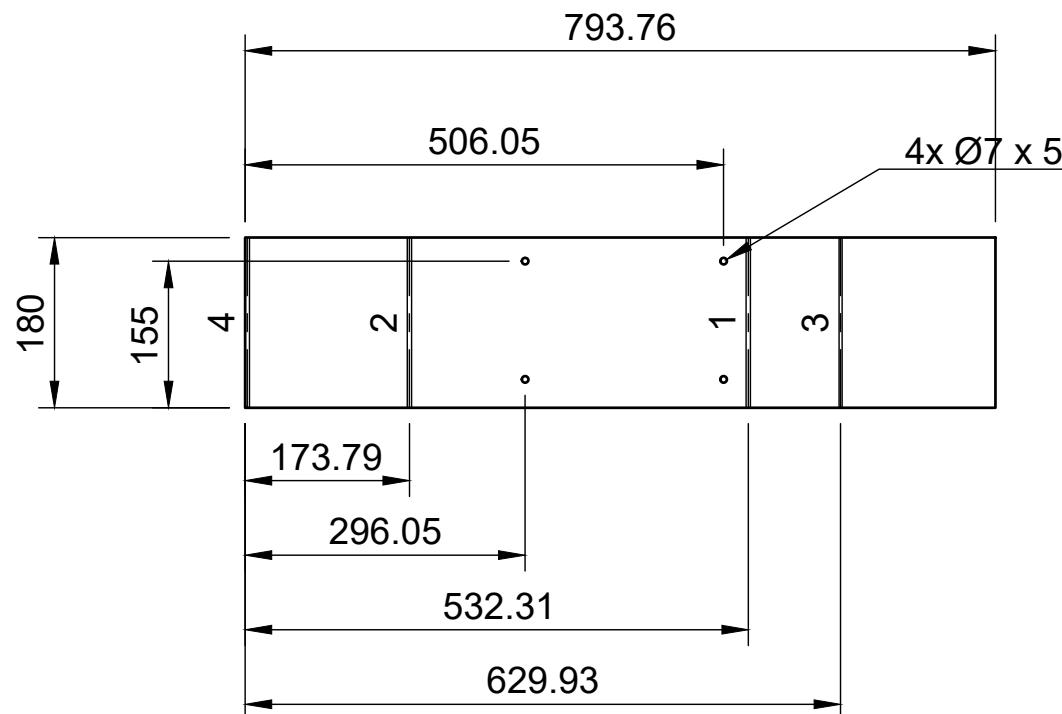
DWG No.

Rev. 1 Date of issue 30/05/2024

Sheet 7/32

Bend Table

ID	Direction	Angle	Radius
1	Down	90	2
2	Down	90	2
3	Down	63.25	2
4	Down	90	2



Dept.
COMPUTER ENGINEERING

Technical reference

Created by
Muhammad Rafi Ari Ghani 30/05/2024

Approved by
Ridwan Siskandar



Document type
PART DRAWING

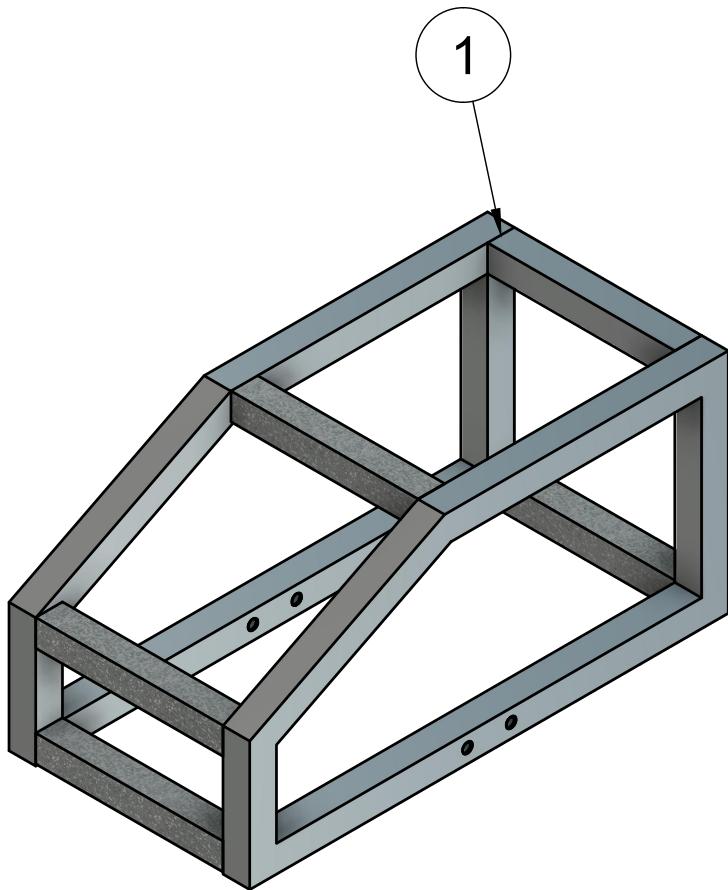
Title
AID-E
AUTOMATED INSECT DETECTION AND ELIMINATION

Document status
FINAL

DWG No.

Rev. 1 Date of issue 30/05/2024

Sheet 8/32



Parts List

Item	Qty	Part Name	Material
1	1	Joint-MF	Steel, Galvanized

Dept.
COMPUTER ENGINEERING

Technical reference

Created by
Muhammad Rafi Ari Ghani 30/05/2024

Approved by
Ridwan Siskandar



Document type
GENERAL DRAWING

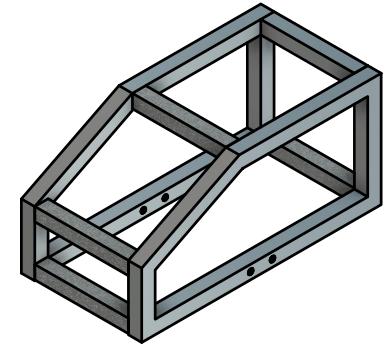
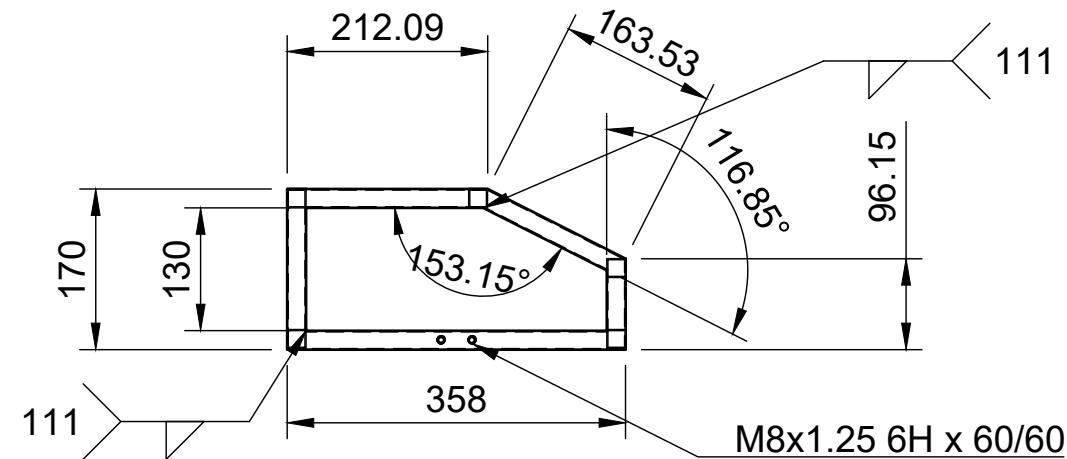
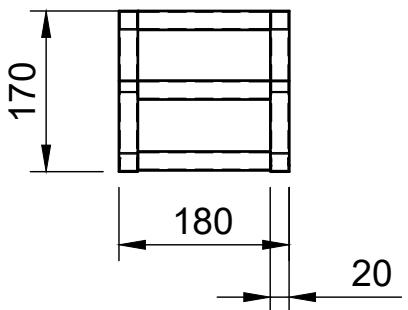
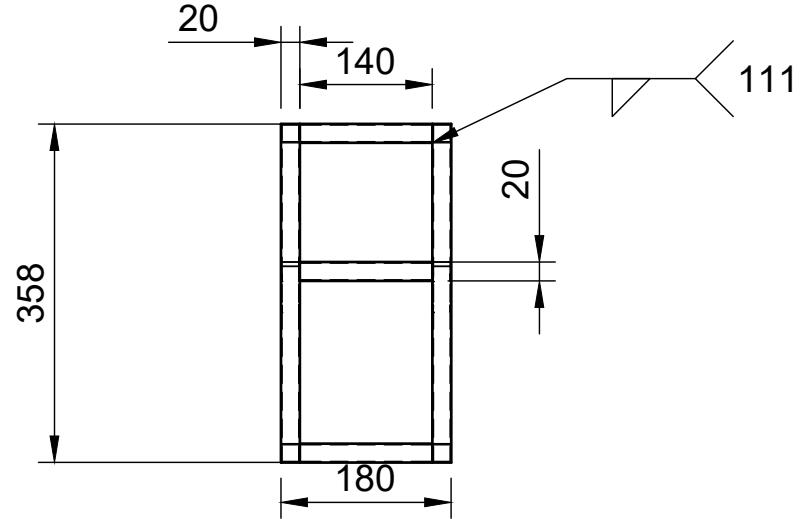
Document status
FINAL

Title
**AID-E Final
AUTOMATED INSECT DETECTION AND ELIMINATION**

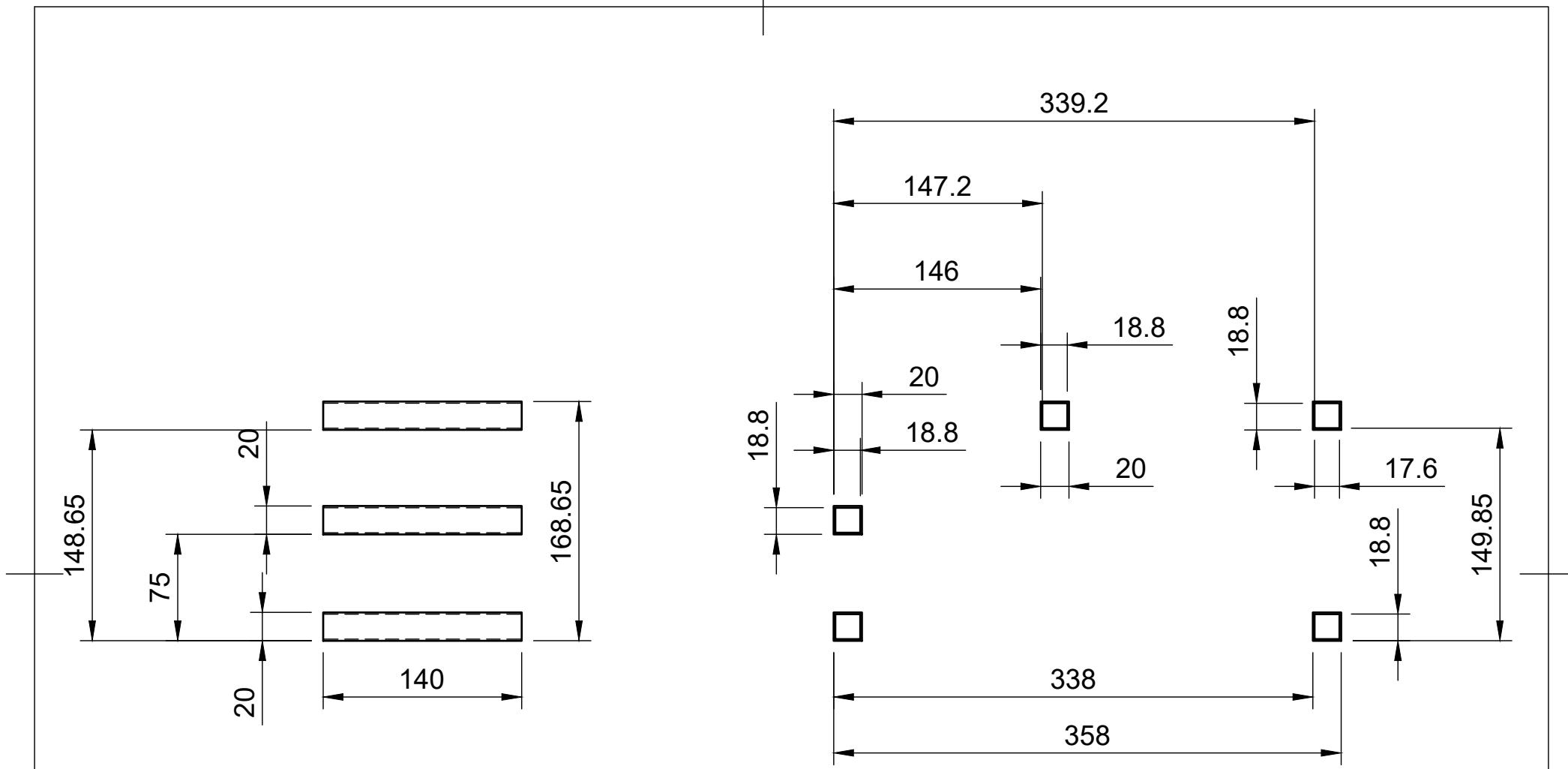
DWG No.

Rev. **1** Date of issue
30/05/2024

Sheet
9/32

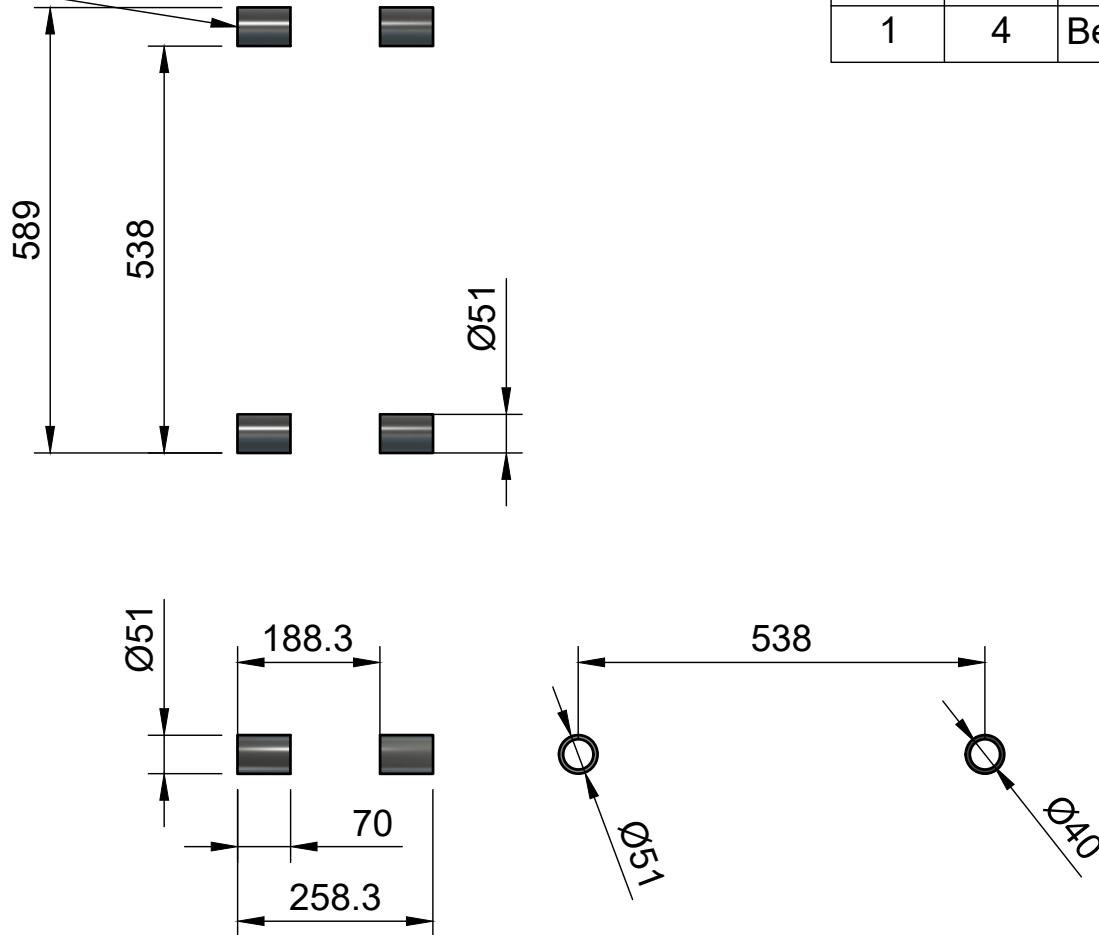


Dept. COMPUTER ENGINEERING	Technical reference	Created by Muhammad Rafi Ari Ghani 30/05/2024	Approved by Ridwan Siskandar
		Document type PART DRAWING	Document status FINAL
	Title AID-E		DWG No.
	AUTOMATED INSECT DETECTION AND ELIMINATION		
Rev. 1	Date of issue 30/05/2024	Sheet 10/32	



Dept. COMPUTER ENGINEERING	Technical reference	Created by Muhammad Rafi Ari Ghani 30/05/2024	Approved by Ridwan Siskandar
		Document type PART DRAWING	Document status FINAL
	Title AID-E		DWG No.
	AUTOMATED INSECT DETECTION AND ELIMINATION		
Rev. 1	Date of issue 30/05/2024	Sheet 11/32	

1



Parts List

Item	Qty	Part Name	Material
1	4	Besi seamless v1	Steel

Dept.
COMPUTER ENGINEERING

Technical reference



Created by
Muhammad Rafi Ari Ghani 30/05/2024

Approved by
Ridwan Siskandar

Document type
PART DRAWING

Document status
FINAL

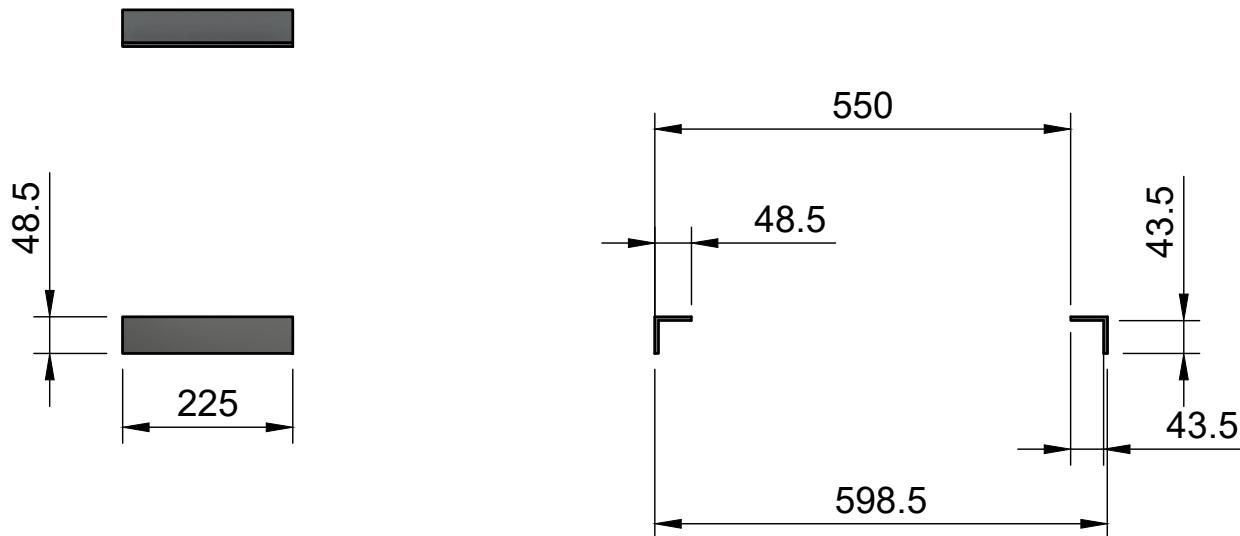
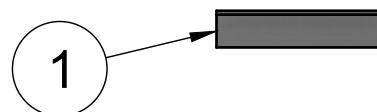
Title
AID-E
AUTOMATED INSECT DETECTION AND ELIMINATION

DWG No.

Rev. 1 Date of issue 30/05/2024

Sheet 12/32

Parts List			
Item	Qty	Part Name	Material
1	2	Besi L v1	Steel



Dept.
COMPUTER ENGINEERING

Technical reference



Created by
Muhammad Rafi Ari Ghani 30/05/2024

Approved by
Ridwan Siskandar

Document type
PART DRAWING

Document status
FINAL

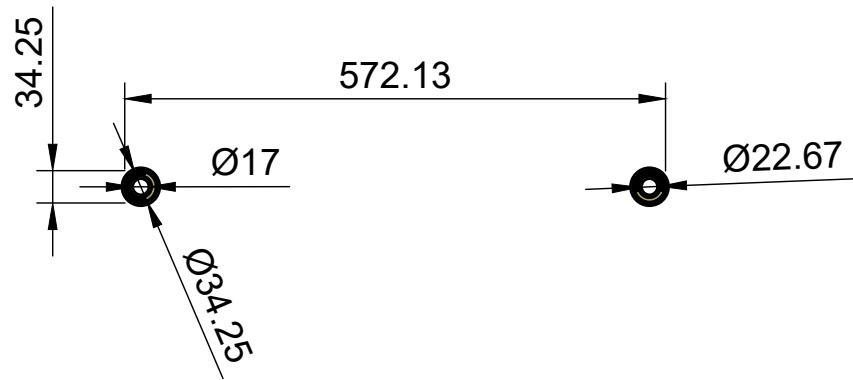
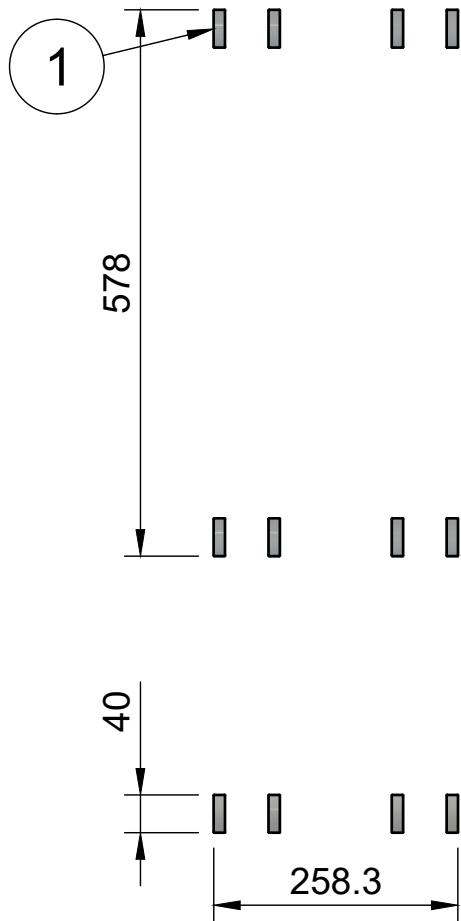
Title
AID-E
AUTOMATED INSECT DETECTION AND ELIMINATION

DWG No.

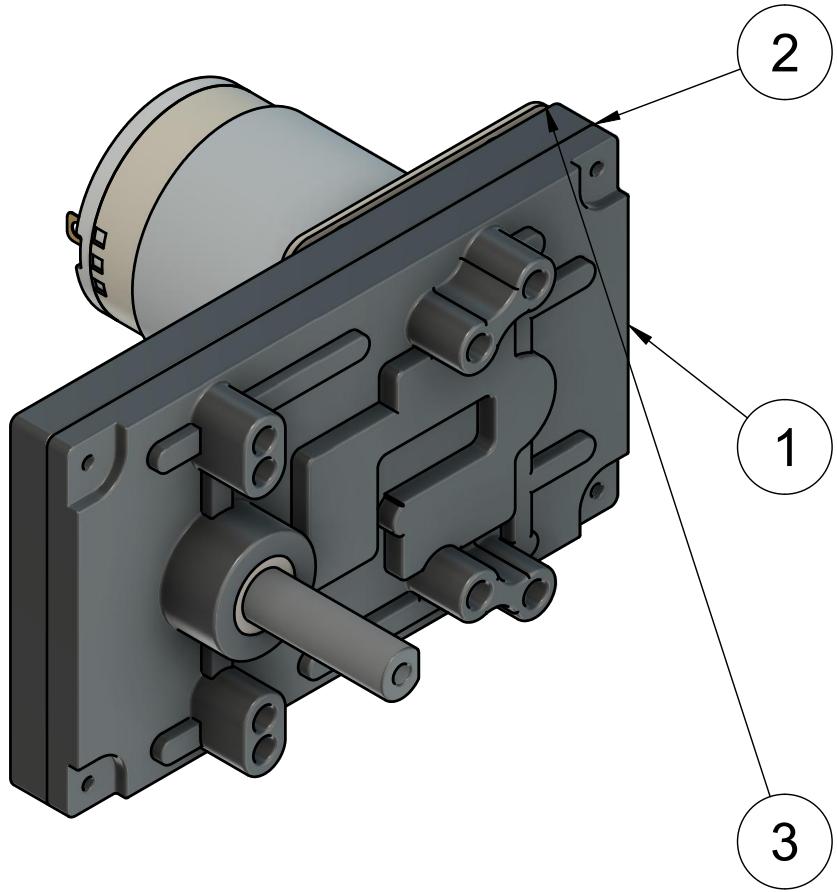
Rev. 1 Date of issue 30/05/2024

Sheet 13/32

Parts List		
Item	Qty	Material
1	8	Steel



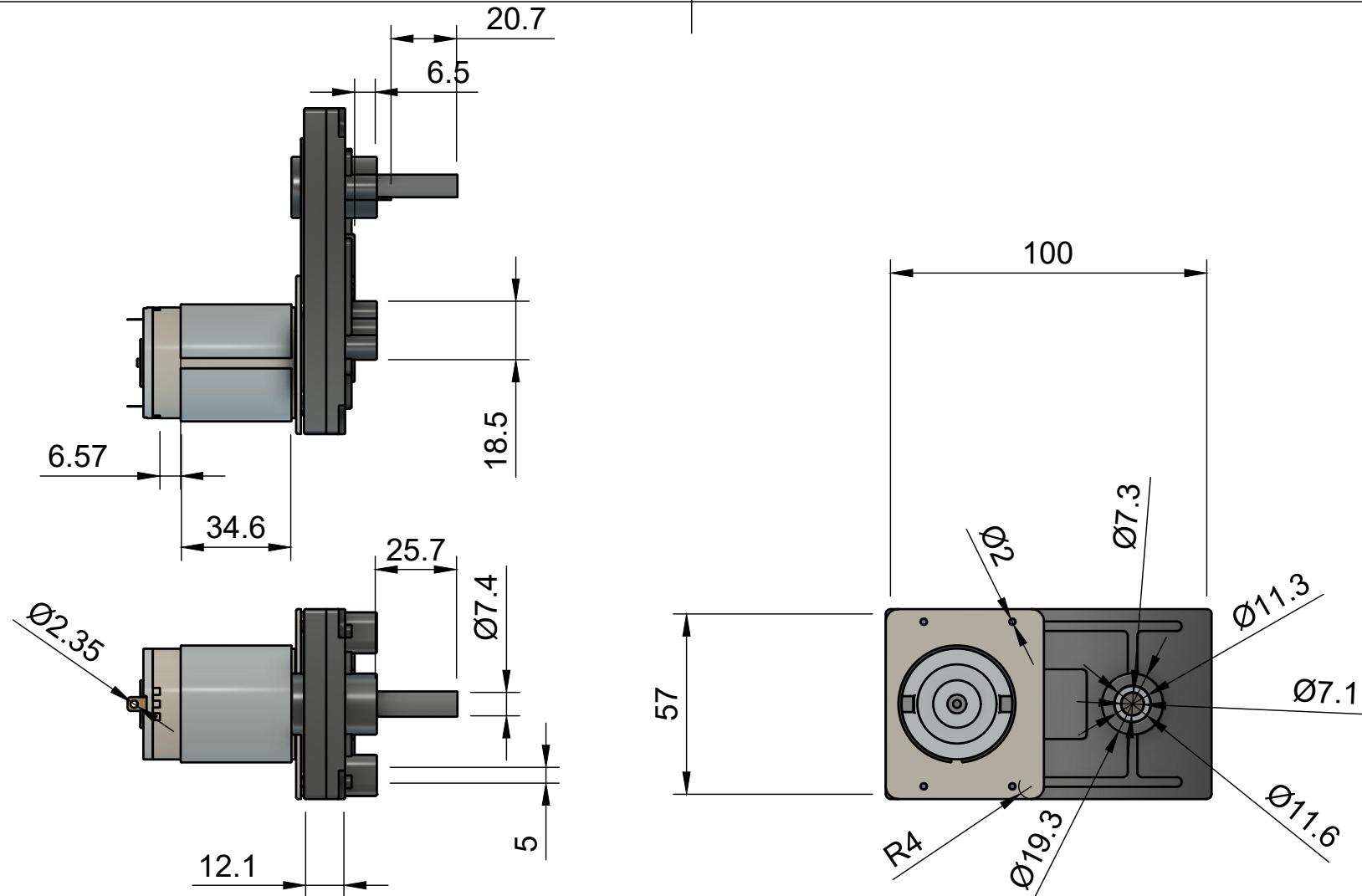
Dept. COMPUTER ENGINEERING	Technical reference	Created by Muhammad Rafi Ari Ghani 30/05/2024	Approved by Ridwan Siskandar
		Document type PART DRAWING	Document status FINAL
Title AID-E		DWG No.	
AUTOMATED INSECT DETECTION AND ELIMINATION		Rev. 1	Date of issue 30/05/2024
		Sheet	14/32



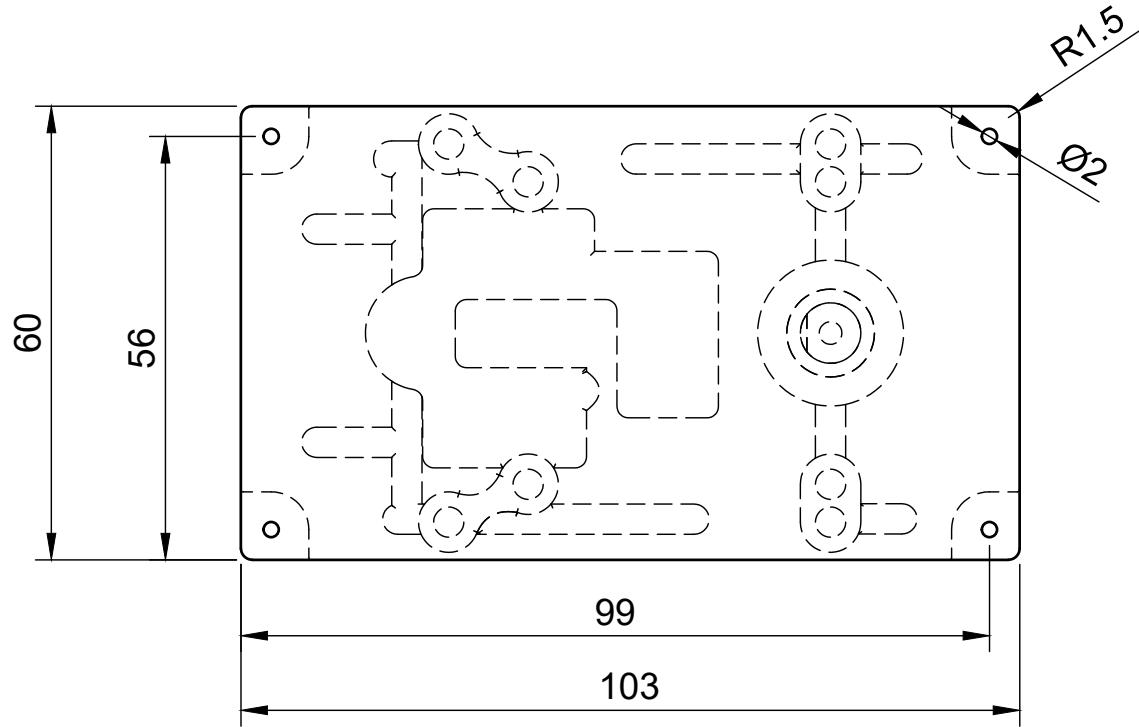
Parts List

Item	Qty	Part Name	Material
1	1	Part1	Steel
2	1	Part2	Steel
3	1	Part3	Steel

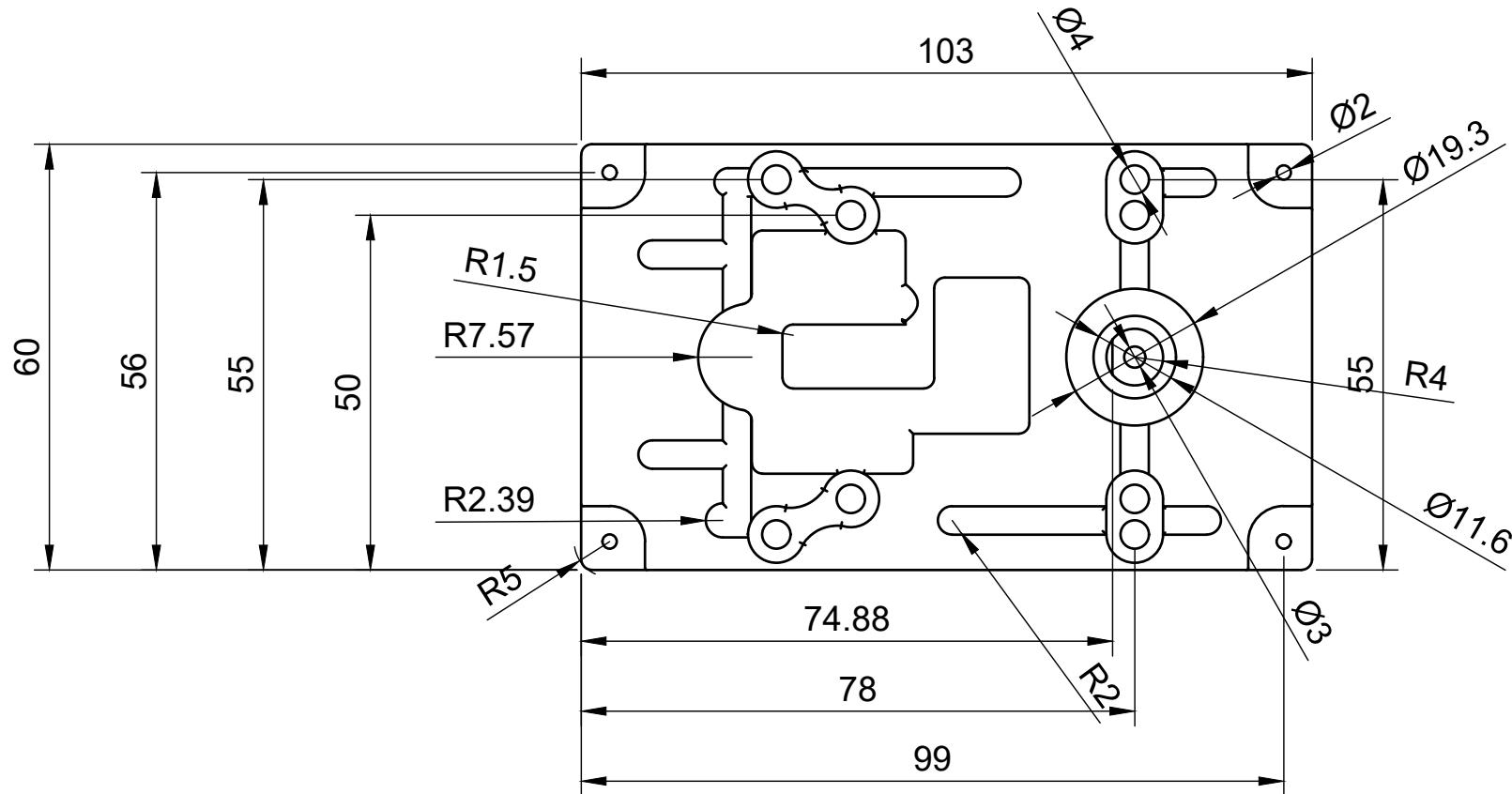
Dept. COMPUTER ENGINEERING	Technical reference	Created by Muhammad Rafi Ari Ghani 30/05/2024	Approved by Ridwan Siskandar
	Document type GENERAL DRAWING	Document status FINAL	
	Title AID-E AUTOMATED INSECT DETECTION AND ELIMINATION	DWG No.	
		Rev. 1	Date of issue 30/05/2024
			Sheet 15/32



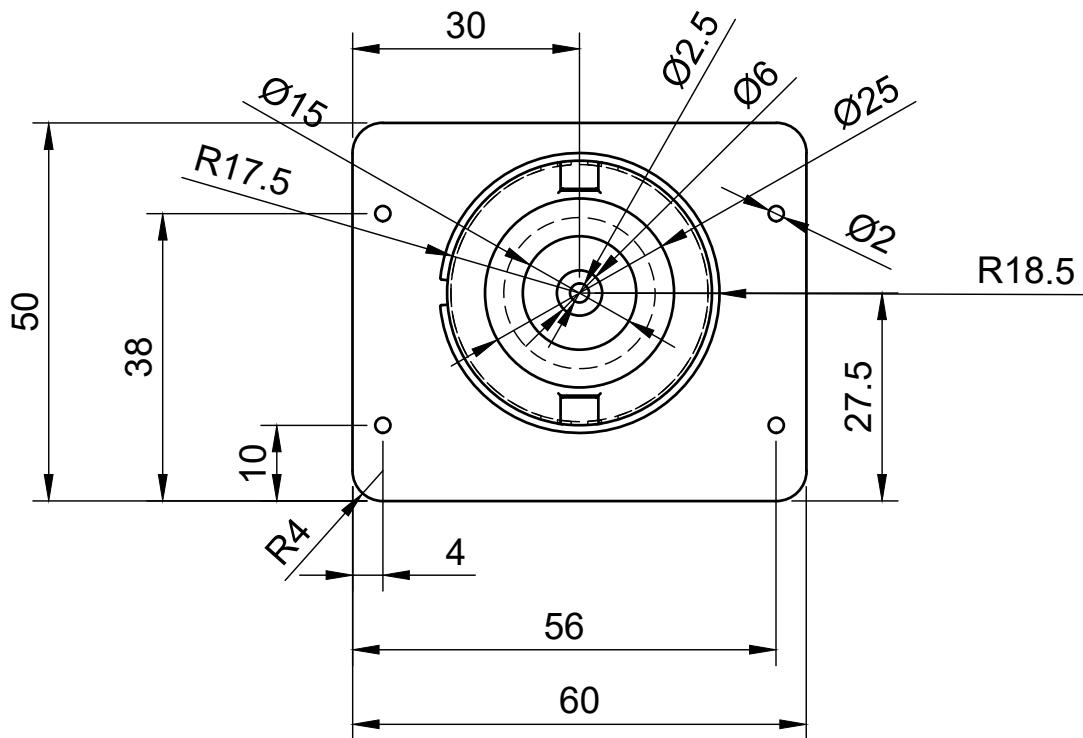
Dept. COMPUTER ENGINEERING	Technical reference	Created by Muhammad Rafi Ari Ghani 30/05/2024	Approved by Ridwan Siskandar
		Document type PART DRAWING	Document status FINAL
	Title AID-E		DWG No.
	AUTOMATED INSECT DETECTION AND ELIMINATION		
Rev. 1	Date of issue 30/05/2024	Sheet 16/32	



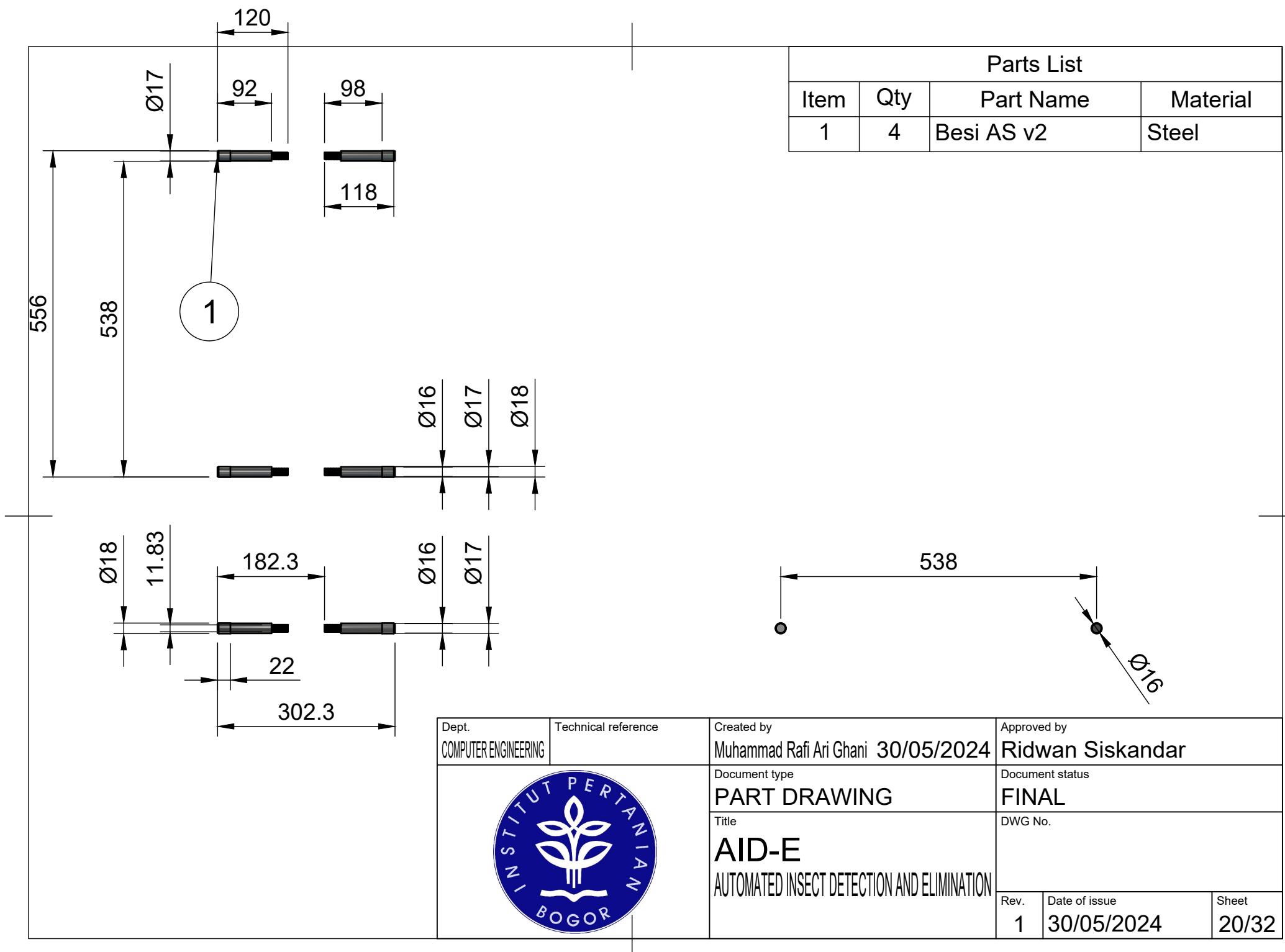
Dept.	Technical reference	Created by Muhammad Rafi Ari Ghani 30/05/2024	Approved by Ridwan Siskandar
		Document type PART DRAWING	Document status FINAL
Title AID-E AUTOMATED INSECT DETECTION AND ELIMINATION		DWG No.	
Rev. 1	Date of issue 30/05/2024	Sheet 17/32	

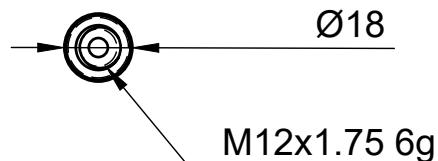
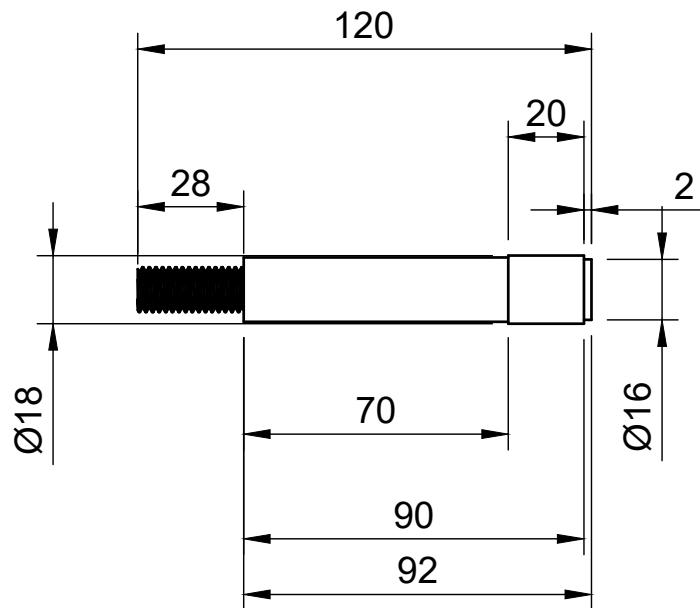
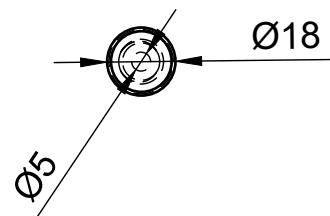
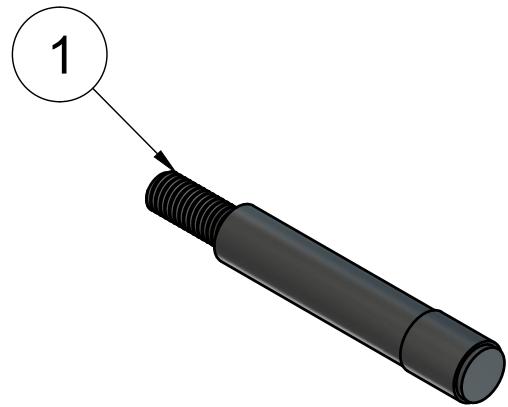


Dept. COMPUTER ENGINEERING	Technical reference	Created by Muhammad Rafi Ari Ghani 30/05/2024	Approved by Ridwan Siskandar
		Document type PART DRAWING	Document status FINAL
	Title AID-E		DWG No.
	AUTOMATED INSECT DETECTION AND ELIMINATION		
Rev. 1	Date of issue 30/05/2024	Sheet 18/32	



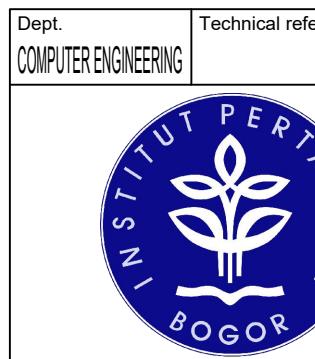
Dept. COMPUTER ENGINEERING	Technical reference	Created by Muhammad Rafi Ari Ghani 30/05/2024	Approved by Ridwan Siskandar
		Document type PART DRAWING	Document status FINAL
Title AID-E			DWG No.
AUTOMATED INSECT DETECTION AND ELIMINATION			
Rev. 1	Date of issue 30/05/2024	Sheet 19/32	





Parts List

Item	Qty	Part Name	Material
1	1	Besi AS v2	Steel



Dept.
COMPUTER ENGINEERING

Technical reference

Created by
Muhammad Rafi Ari Ghani 30/05/2024

Approved by
Ridwan Siskandar

Document type
PART DRAWING

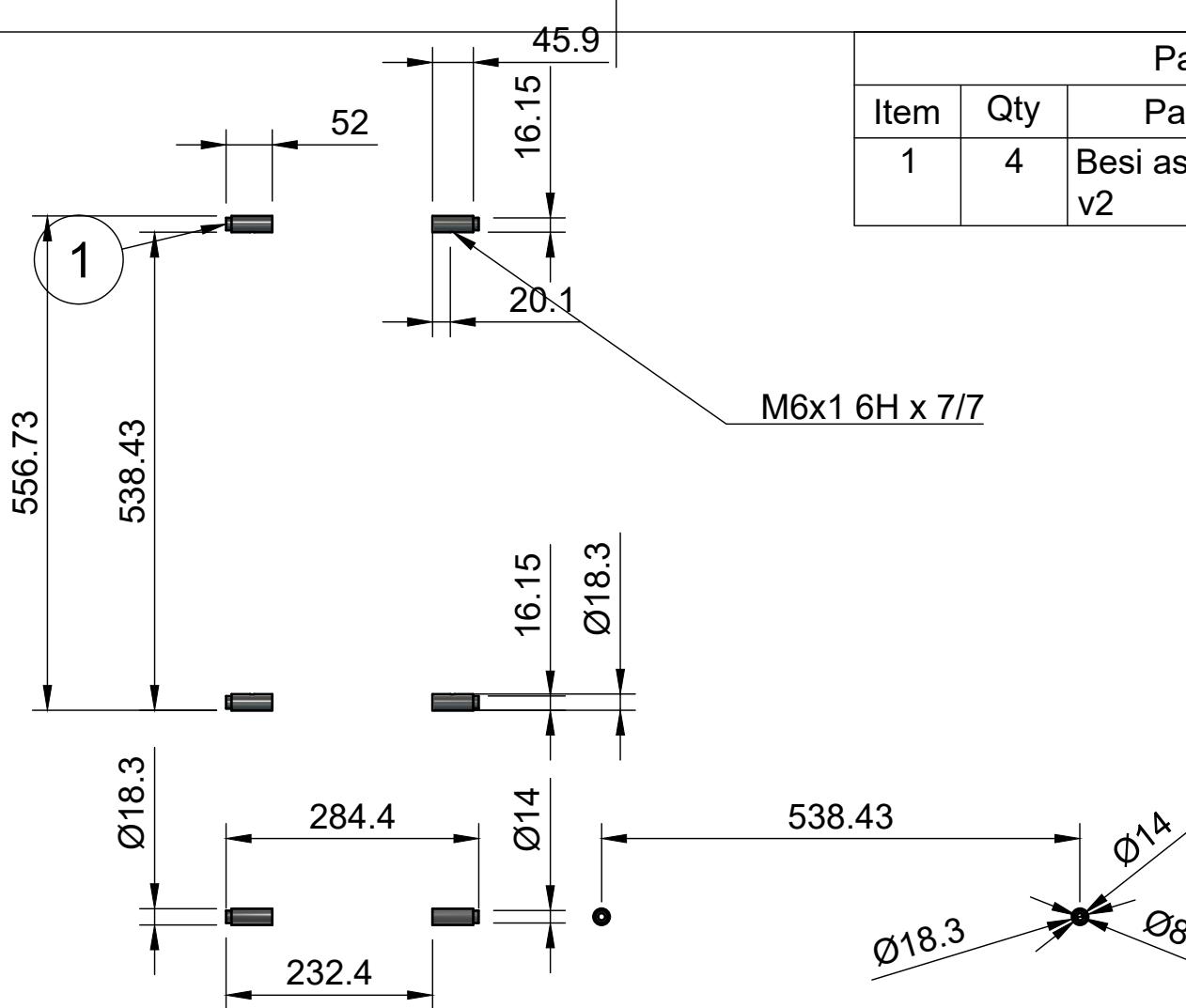
Document status
FINAL

Title
AID-E
AUTOMATED INSECT DETECTION AND ELIMINATION

DWG No.

Rev. 1 Date of issue 30/05/2024

Sheet 20.5/32

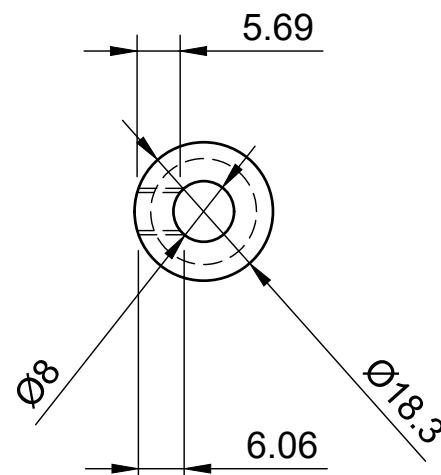
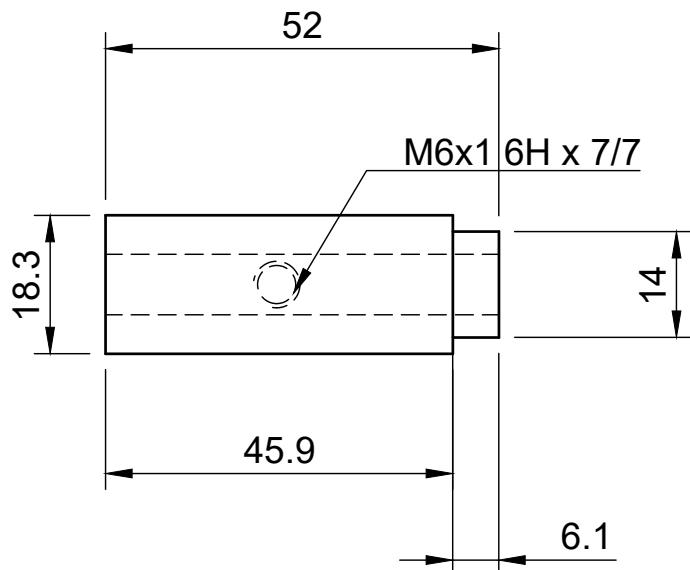
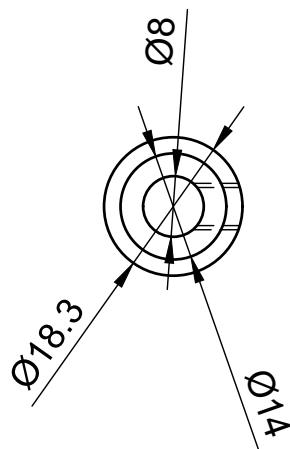
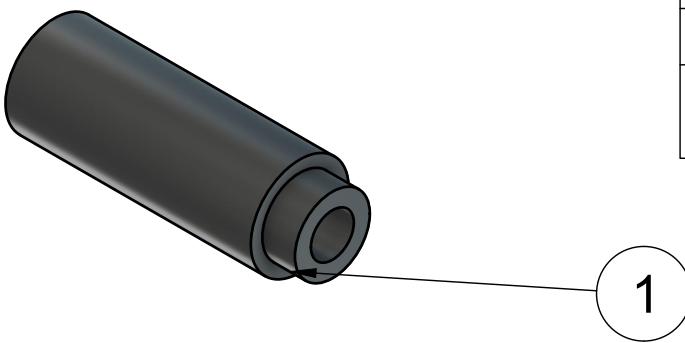


Parts List			
Item	Qty	Part Name	Material
1	4	Besi as motor dc v2	Steel

Dept. COMPUTER ENGINEERING	Technical reference	Created by Muhammad Rafi Ari Ghani 30/05/2024	Approved by Ridwan Siskandar
		Document type PART DRAWING	Document status FINAL
Title AID-E		DWG No.	
AUTOMATED INSECT DETECTION AND ELIMINATION		Rev.	Date of issue
		1	30/05/2024
			Sheet 21/32

Parts List

Item	Qty	Part Name	Material
1	1	Besi as motor dc v2	Steel



Dept.
COMPUTER ENGINEERING

Technical reference

Created by
Muhammad Rafi Ari Ghani 30/05/2024

Approved by
Ridwan Siskandar



Document type
PART DRAWING

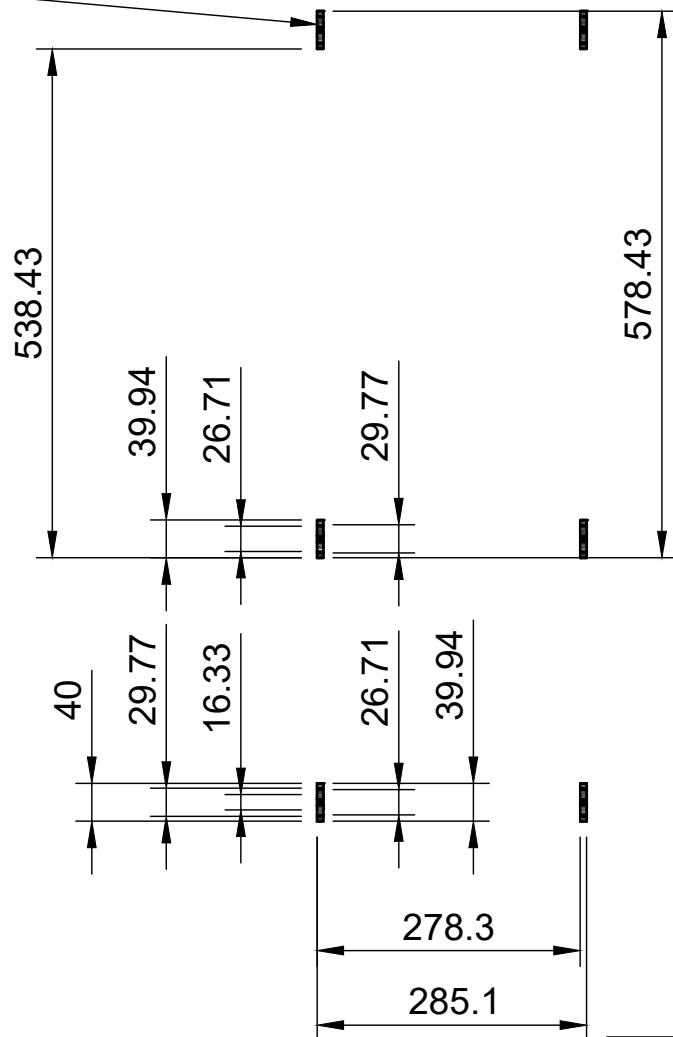
Document status
FINAL

Title
AID-E
AUTOMATED INSECT DETECTION AND ELIMINATION

Rev. 1 Date of issue 30/05/2024

Sheet 21.5/32

1



Parts List

Item	Qty	Part Name	Material
1	4	Gear OSK 8 v2	Steel

Dept.
COMPUTER ENGINEERING

Technical reference

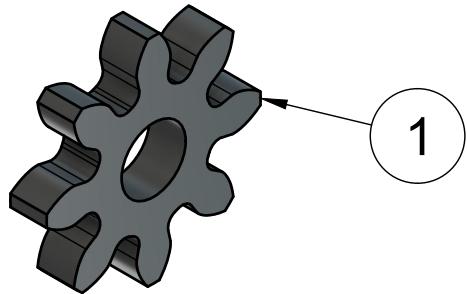
Created by
Muhammad Rafi Ari Ghani 30/05/2024Approved by
Ridwan SiskandarDocument type
PART DRAWINGDocument status
FINALTitle
AID-E

DWG No.

AUTOMATED INSECT DETECTION AND ELIMINATION

Rev. 1 Date of issue 30/05/2024

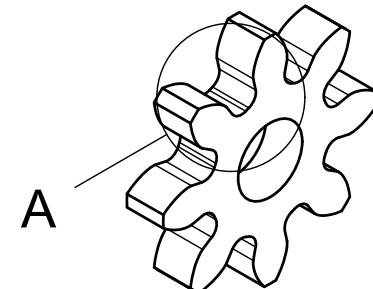
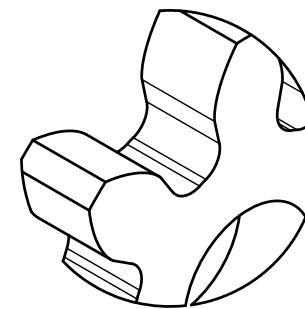
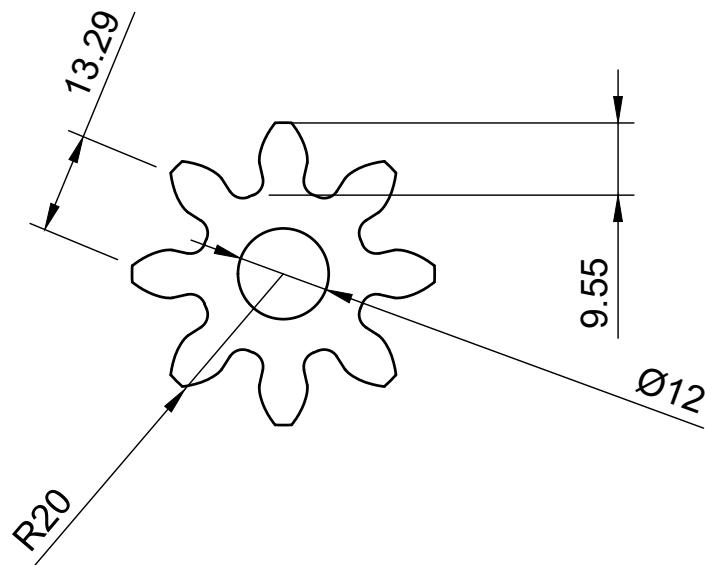
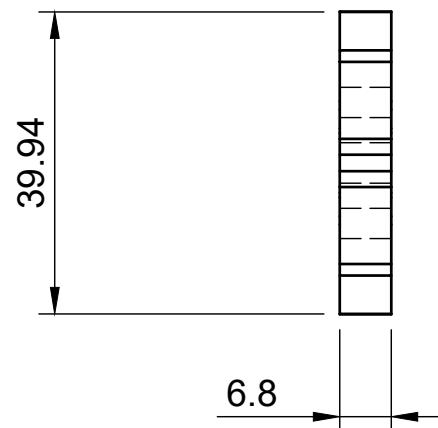
Sheet 22/32



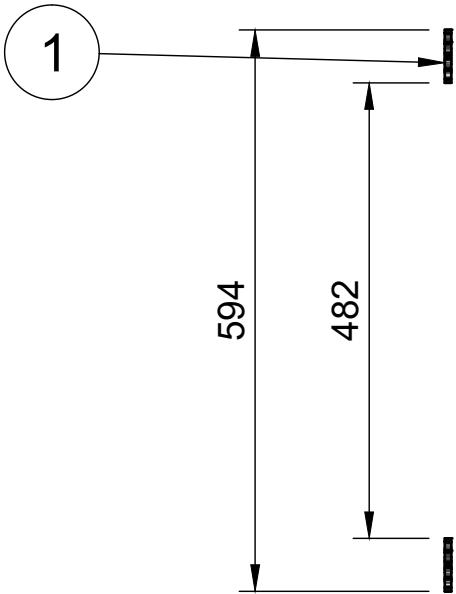
Parts List

Item	Qty	Part Name	Material
1	4	Gear OSK 8 v2	Steel

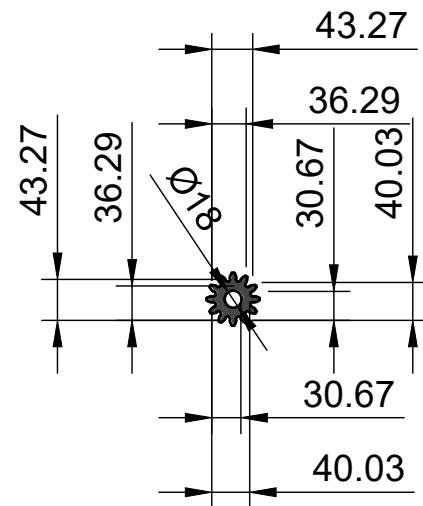
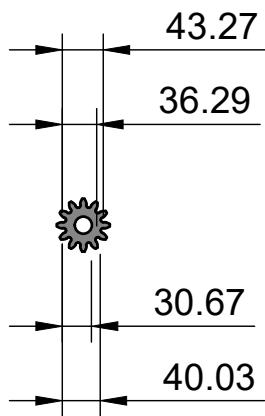
A (2:1)



Dept. COMPUTER ENGINEERING	Technical reference	Created by Muhammad Rafi Ari Ghani 31/05/2024	Approved by Ridwan Siskandar
	Document type PART DRAWING	Document status	
	Title AID-E	DWG No.	
	AUTOMATED INSECT DETECTION AND ELIMINATION	Rev.	Date of issue 1 31/05/2024
		Sheet	22.5/32



Parts List			
Item	Qty	Part Number	Material
1	4	Gear OSK 12	Steel

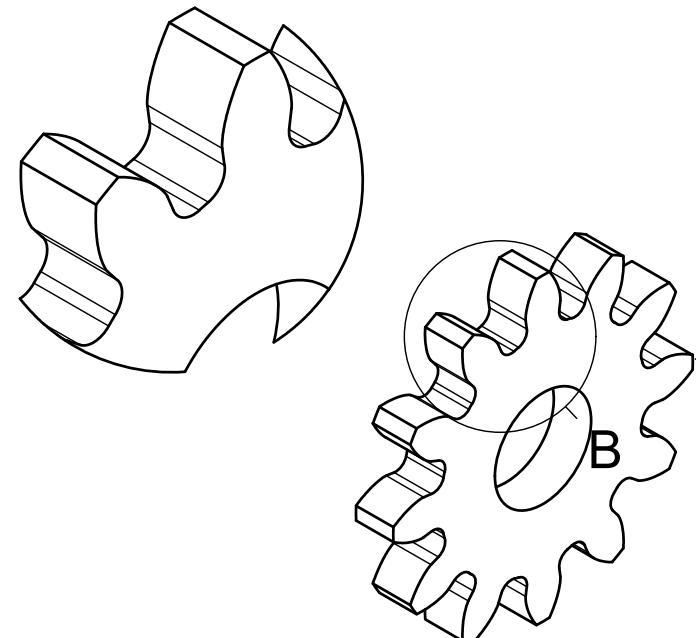
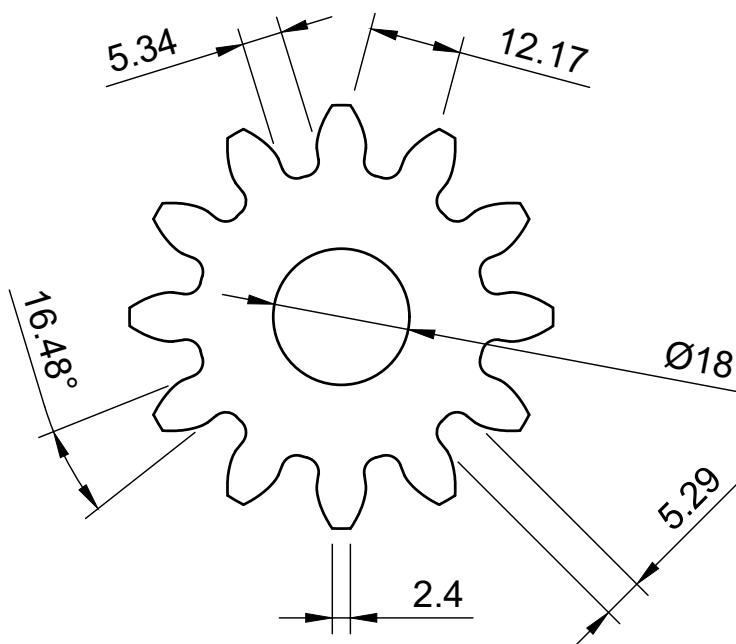
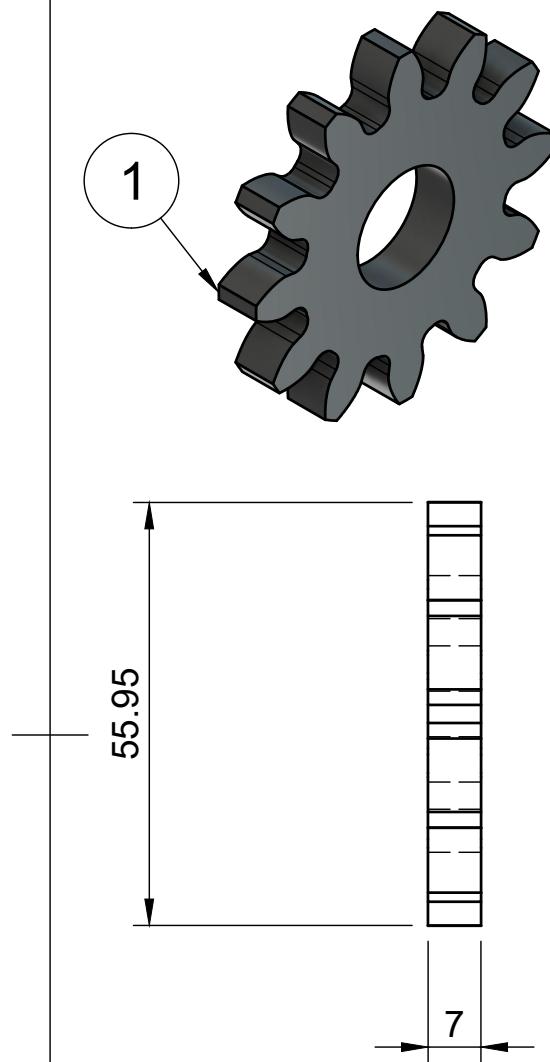


Dept. COMPUTER ENGINEERING	Technical reference	Created by Muhammad Rafi Ari Ghani 30/05/2024	Approved by Ridwan Siskandar
		Document type PART DRAWING	Document status FINAL
Title AID-E AUTOMATED INSECT DETECTION AND ELIMINATION		DWG No.	
Rev. 1	Date of issue 30/05/2024	Sheet 23/32	

Parts List

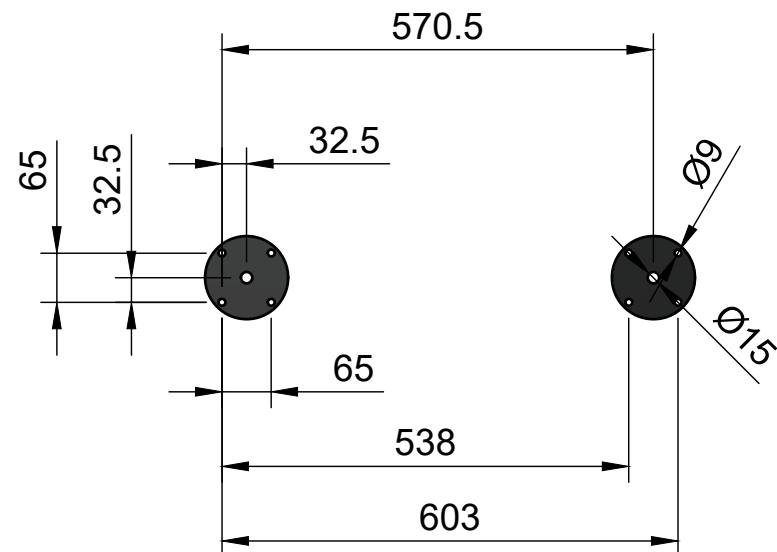
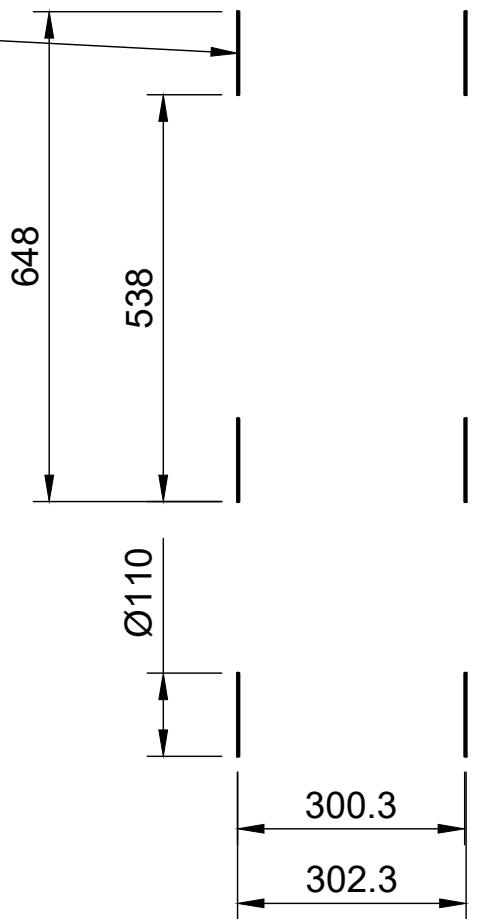
Item	Qty	Part Name	Material
1	4	Gear OSK 12 v3	Steel

B (2:1)



Dept. COMPUTER ENGINEERING	Technical reference	Created by Muhammad Rafi Ari Ghani 31/05/2024	Approved by Ridwan Siskandar
	Document type PART DRAWING	Document status	
	Title AID-E	DWG No.	
	AUTOMATED INSECT DETECTION AND ELIMINATION	Rev.	Date of issue
		1	31/05/2024
			Sheet 23.5/32

1



Parts List

Item	Qty	Part Name	Material
1	4	Plat roda v1	Steel

Dept.
COMPUTER ENGINEERING

Technical reference



Created by
Muhammad Rafi Ari Ghani 30/05/2024

Approved by
Ridwan Siskandar

Document type
PART DRAWING

Document status
FINAL

Title
AID-E
AUTOMATED INSECT DETECTION AND ELIMINATION

DWG No.

Rev. 1 Date of issue 30/05/2024

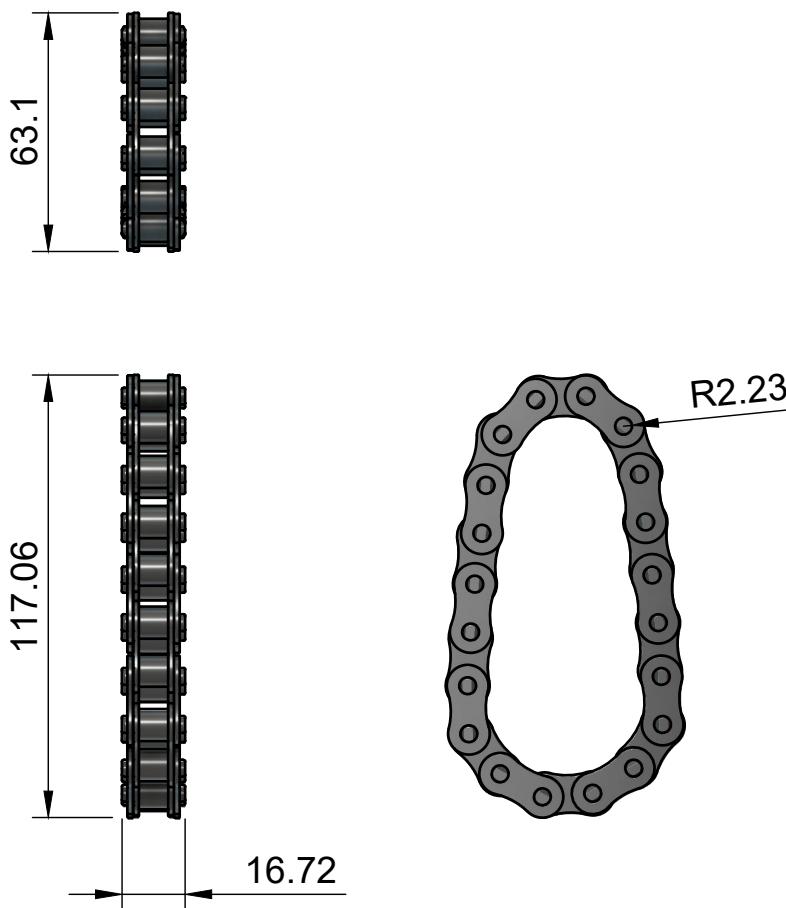
Sheet 24/32



Parts List

Item	Qty	Part Name	Material
1	10	Linked chain_roller v1	Steel
2	10	Linked chain_linked v1	Steel

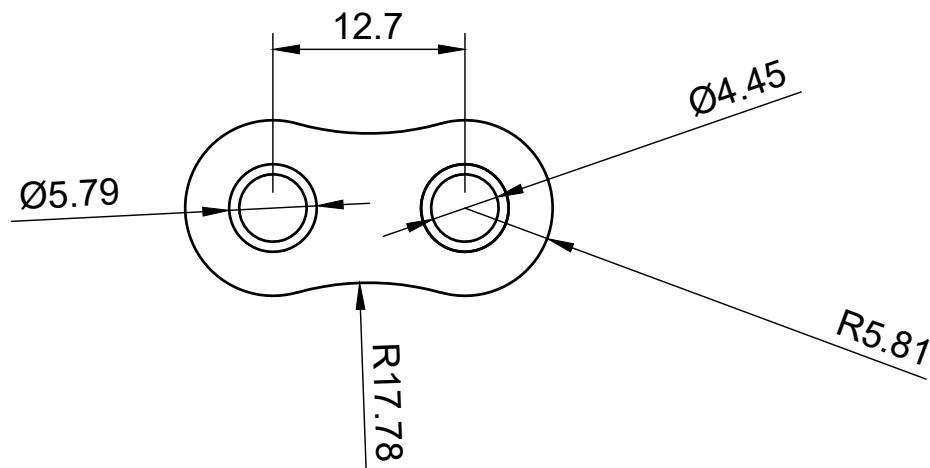
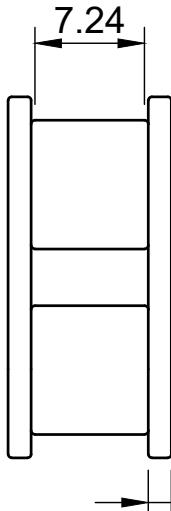
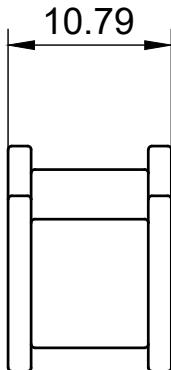
Dept. COMPUTER ENGINEERING	Technical reference	Created by Muhammad Rafi Ari Ghani 30/05/2024	Approved by Ridwan Siskandar
 The logo of Institut Pertanian Bogor (IPB) is a circular emblem. It features a stylized plant in the center, surrounded by the text "INSTITUT PERTANIAN BOGOR" in a circular arrangement.	Document type GENERAL DRAWING	Document status FINAL	
	Title AID-E Final AUTOMATED INSECT DETECTION AND ELIMINATION	DWG No.	
		Rev. 1	Date of issue 30/05/2024
			Sheet 25/32



Dept. COMPUTER ENGINEERING	Technical reference	Created by Muhammad Rafi Ari Ghani 30/05/2024	Approved by Ridwan Siskandar
	Document type PART DRAWING	Document status FINAL	
	Title AID-E	DWG No.	
	AUTOMATED INSECT DETECTION AND ELIMINATION		
Rev. 1	Date of issue 30/05/2024	Sheet 26/32	



1



Parts List

Item	Qty	Part Name	Material
1	1	Linked chain_roller v1	Steel

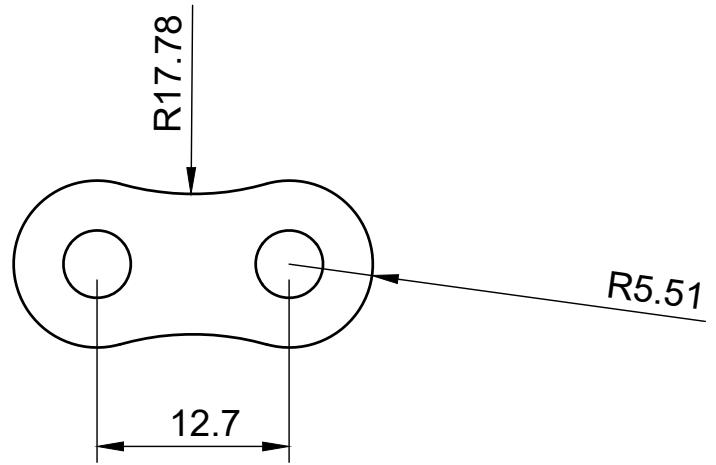
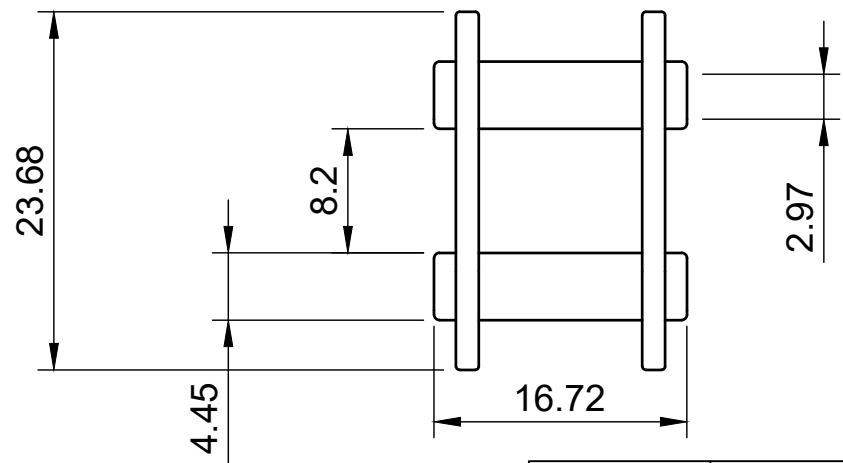
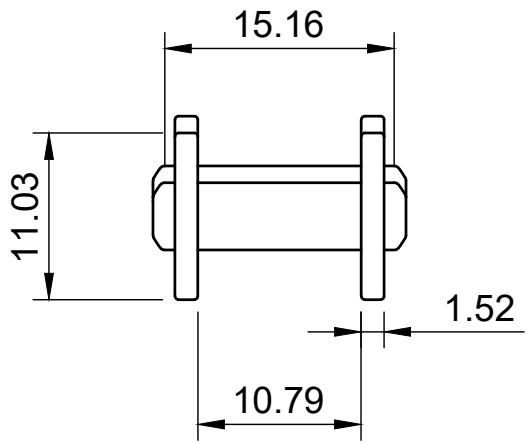
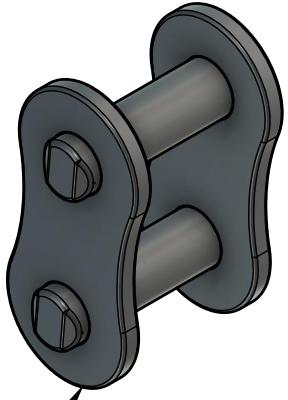
Dept.
COMPUTER ENGINEERING

Technical reference

Created by
Muhammad Rafi Ari Ghani 31/05/2024Approved by
Ridwan SiskandarDocument type
PART DRAWINGDocument status
FINALTitle
AID-E
AUTOMATED INSECT DETECTION AND ELIMINATION

Rev. 1 Date of issue 31/05/2024

Sheet 26.1/32



Parts List

Item	Qty	Part Name	Material
2	1	Linked chain_linked v1	Steel

Dept.
COMPUTER ENGINEERING



Technical reference

Created by
Muhammad Rafi Ari Ghani 31/05/2024

Approved by
Ridwan Siskandar

Document type
PART DRAWING

Document status
FINAL

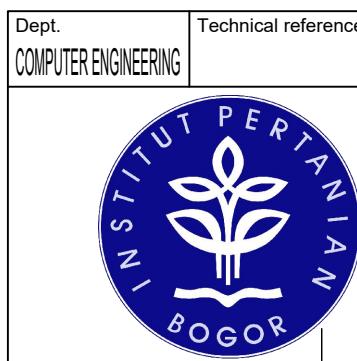
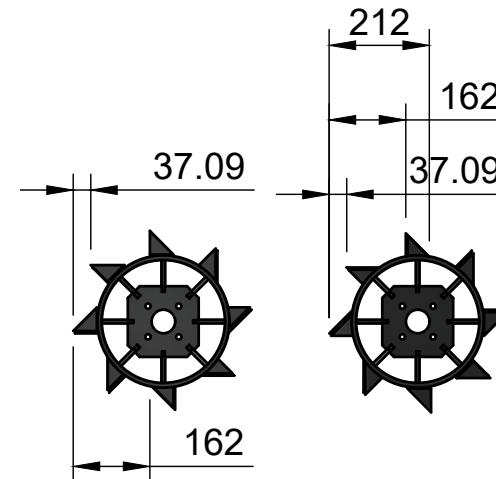
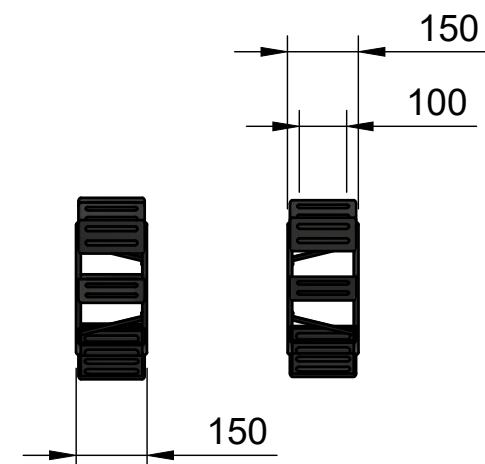
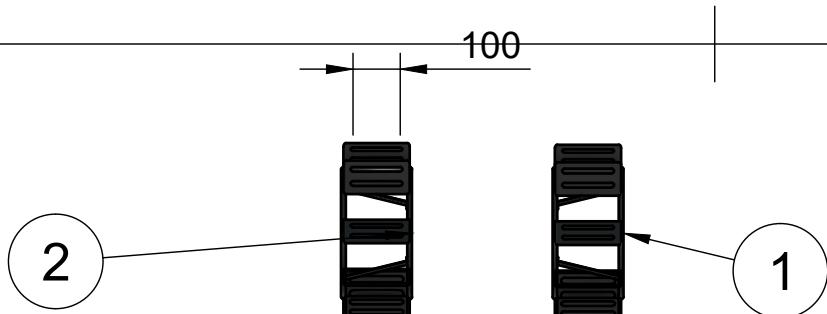
Title
AID-E
AUTOMATED INSECT DETECTION AND ELIMINATION

DWG No.

Rev. **1** Date of issue **31/05/2024**

Sheet **26.2/32**

Parts List			
Item	Qty	Part Name	Material
1	2	Roda-L v6	Steel
2	2	Roda-R v2	Steel



Dept.
COMPUTER ENGINEERING

Technical reference

Created by
Muhammad Rafi Ari Ghani 30/05/2024

Approved by
Ridwan Siskandar

Document type
PART DRAWING

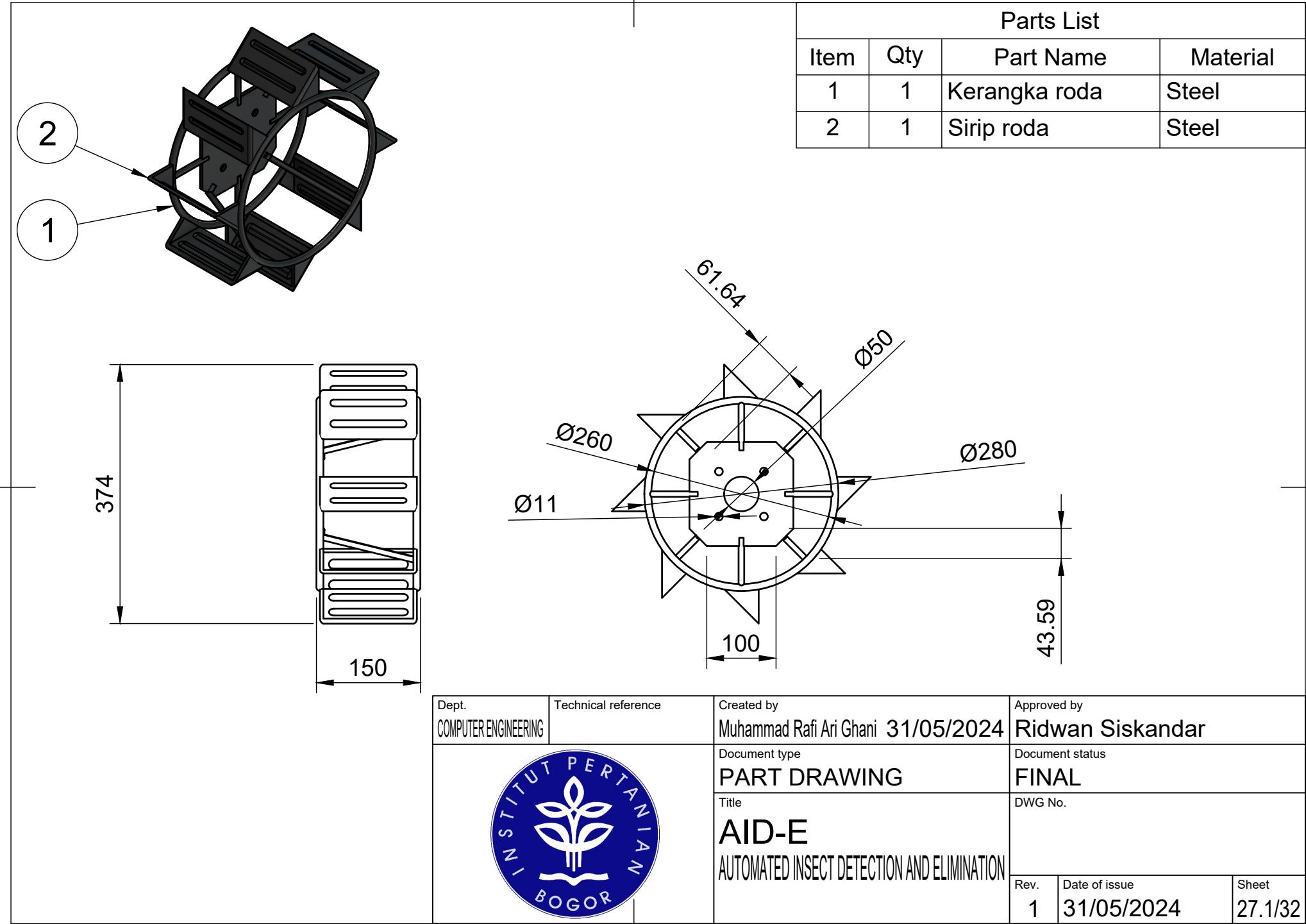
Document status
FINAL

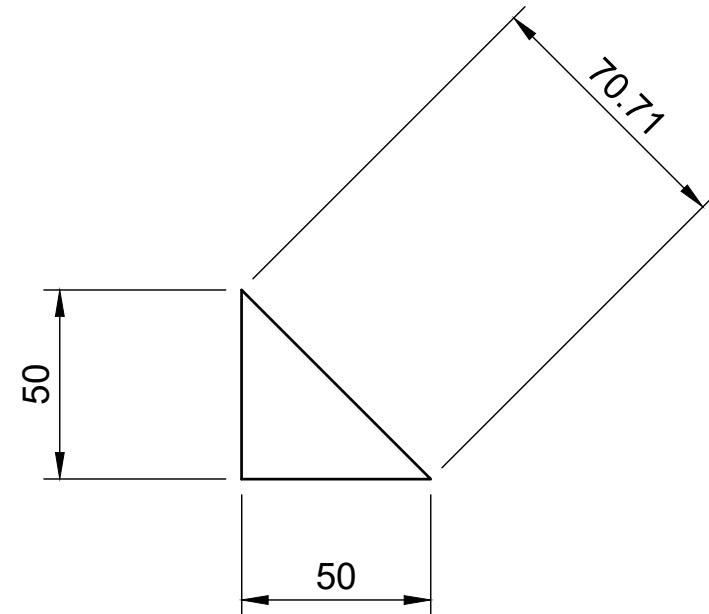
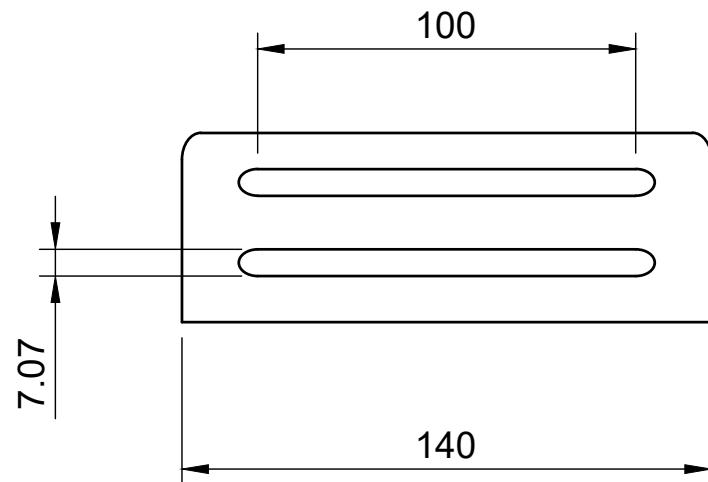
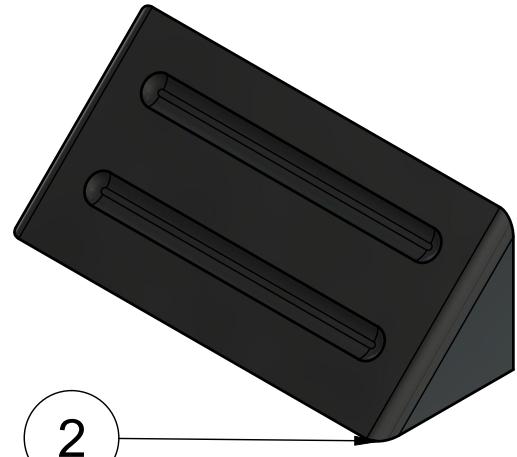
Title
AID-E
AUTOMATED INSECT DETECTION AND ELIMINATION

DWG No.

Rev. 1 Date of issue 30/05/2024

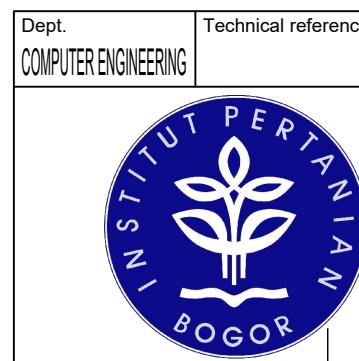
Sheet 27/32





Parts List

Item	Qty	Part Name	Material
2	1	Sirip roda	Steel



Dept.
COMPUTER ENGINEERING

Technical reference

Created by
Muhammad Rafi Ari Ghani 31/05/2024

Approved by
Ridwan Siskandar

Document type
PART DRAWING

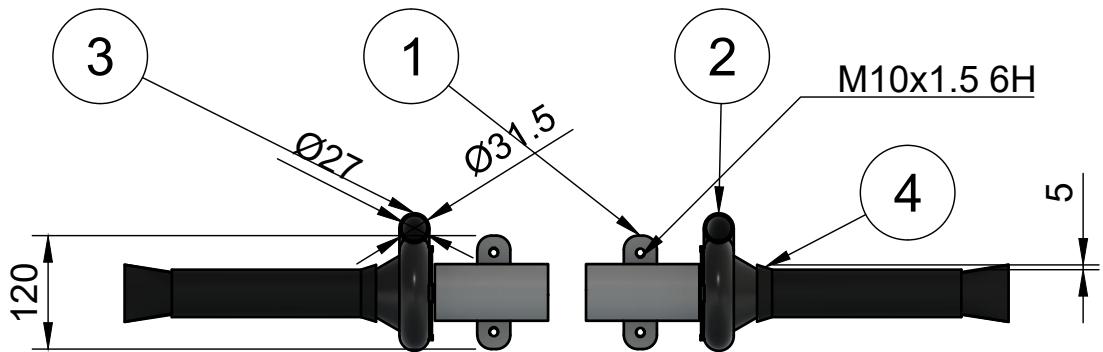
Document status
FINAL

Title
AID-E
AUTOMATED INSECT DETECTION AND ELIMINATION

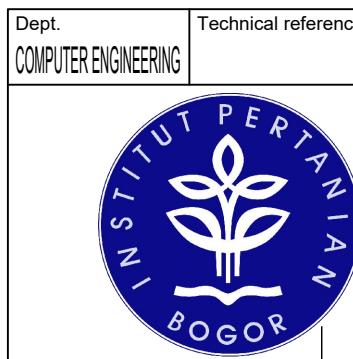
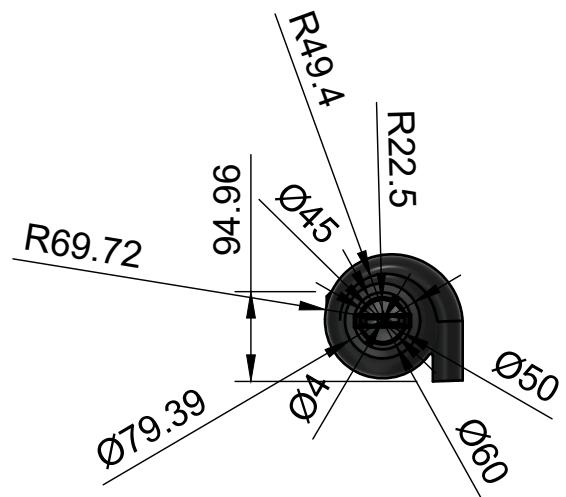
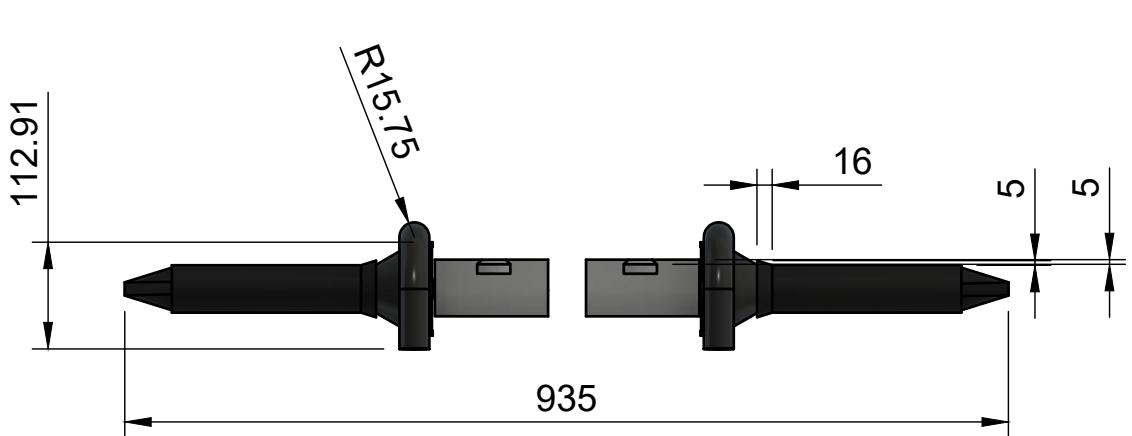
DWG No.

Rev. 1 Date of issue 31/05/2024

Sheet 27.2/32



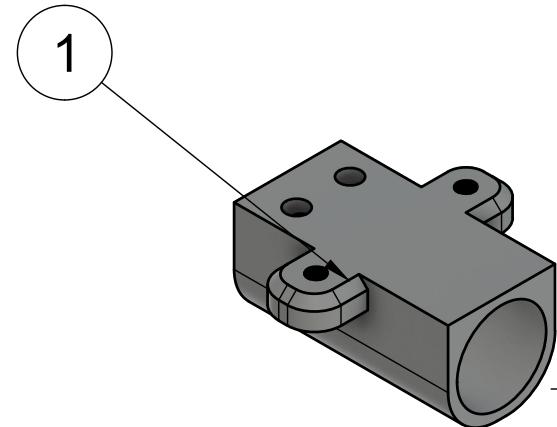
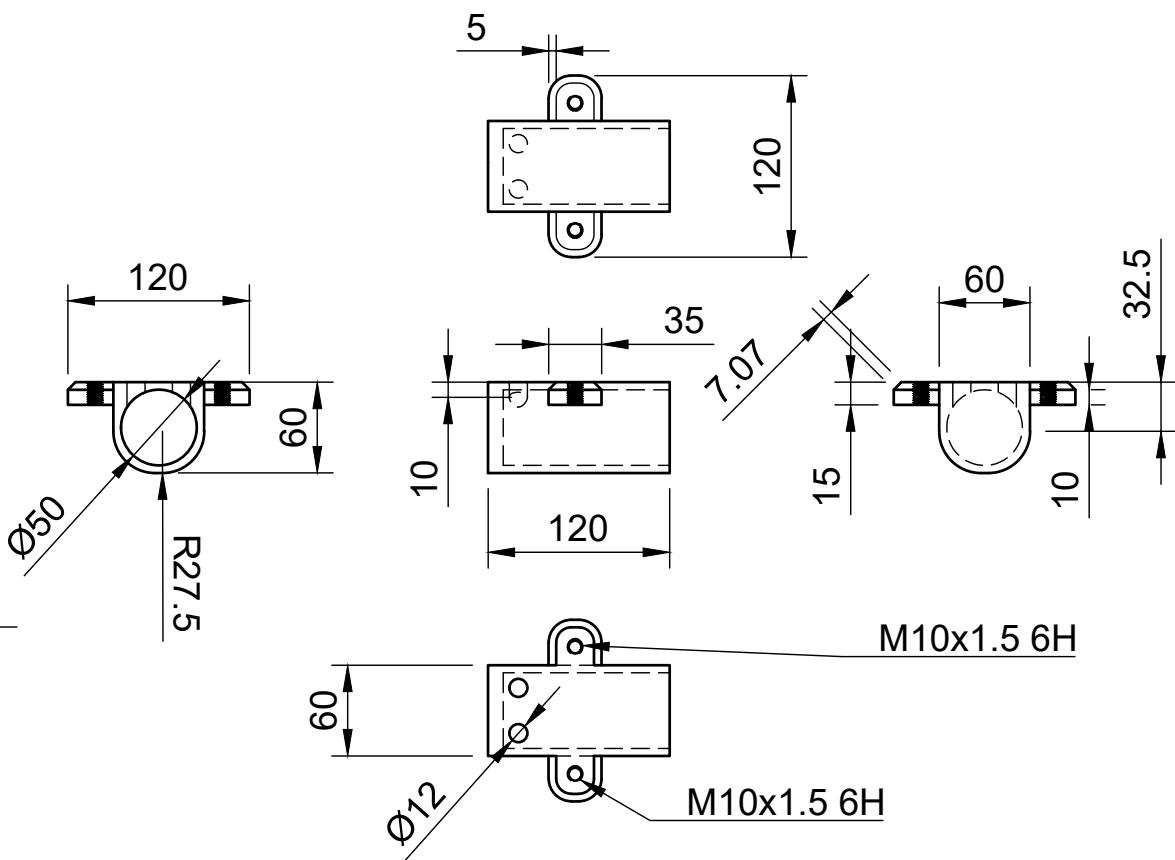
Parts List			
Item	Qty	Part Name	Material
1	2	Case Motor DC 795 v8	Steel
2	1	Centrifugal pump v14	Steel
3	1	Centrifugal pump_Centrifugal pump-R v3	Steel
4	2	Pipe v3	Steel



Dept. COMPUTER ENGINEERING	Technical reference	Created by Muhammad Rafi Ari Ghani 30/05/2024	Approved by Ridwan Siskandar
	Document type GENERAL DRAWING	Document status FINAL	
	Title AID-E	DWG No.	
	AUTOMATED INSECT DETECTION AND ELIMINATION		
Rev. 1	Date of issue 30/05/2024	Sheet 28/32	

Parts List

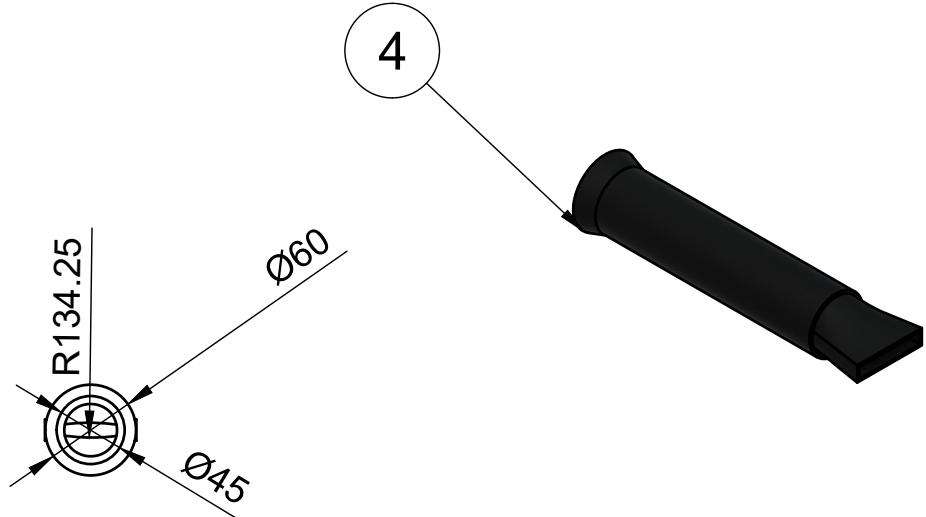
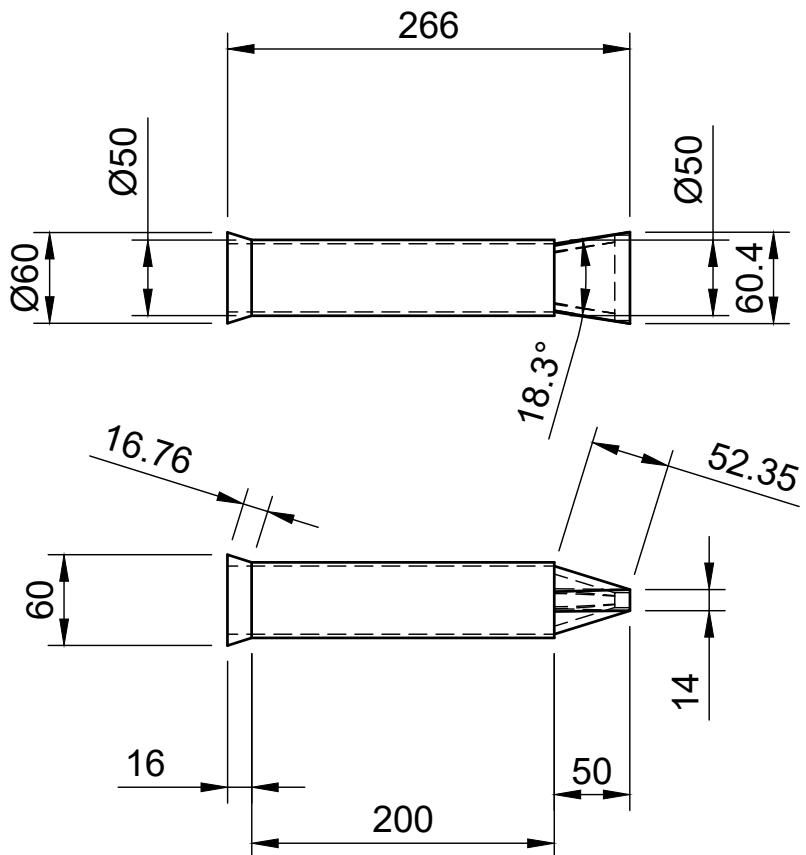
Item	Qty	Part Name	Material
1	1	Case Motor DC 795 v8	Steel



Dept. COMPUTER ENGINEERING	Technical reference	Created by Muhammad Rafi Ari Ghani 31/05/2024	Approved by Ridwan Siskandar
		Document type PART DRAWING	Document status FINAL
Title AID-E		DWG No.	
AUTOMATED INSECT DETECTION AND ELIMINATION		Rev.	Date of issue
		1	31/05/2024
			Sheet 28.1/32

Parts List

Item	Qty	Part Name	Material
4	1	Pipe v3	Steel



Dept.
COMPUTER ENGINEERING



Technical reference

Created by
Muhammad Rafi Ari Ghani 31/05/2024

Approved by
Ridwan Siskandar

Document type
PART DRAWING

Document status
FINAL

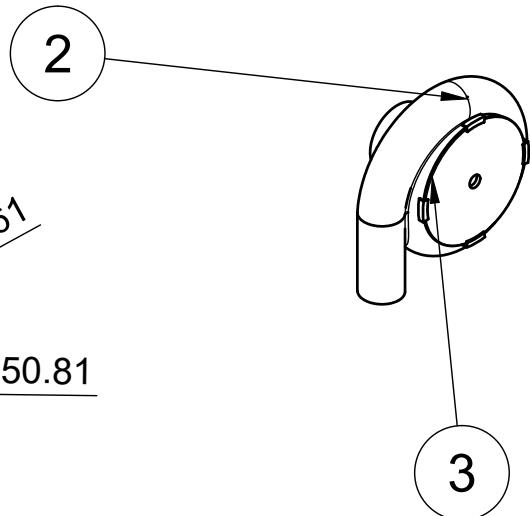
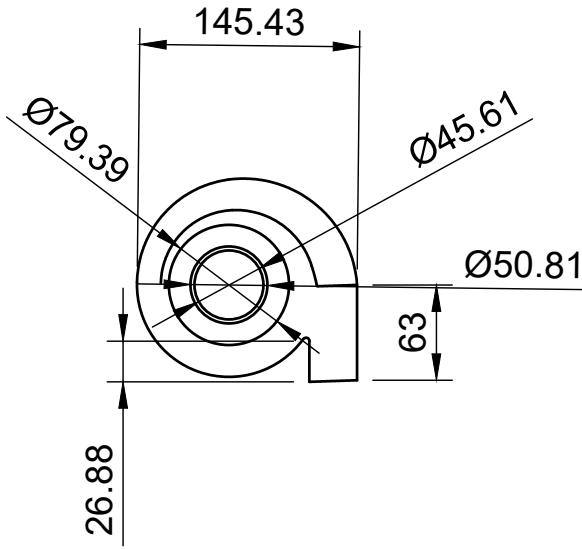
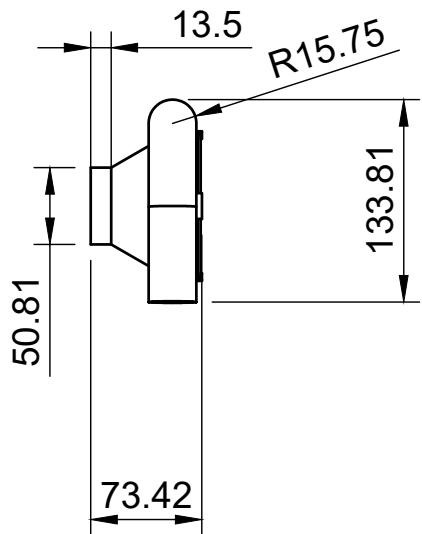
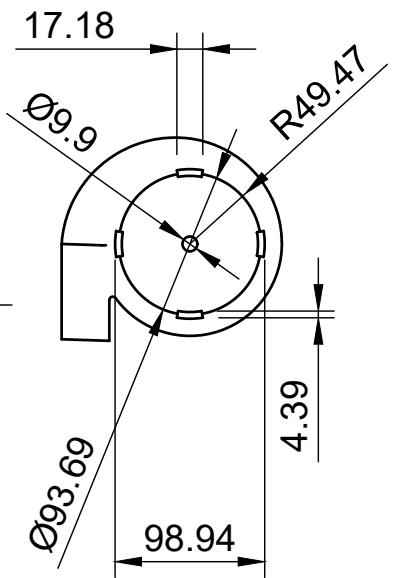
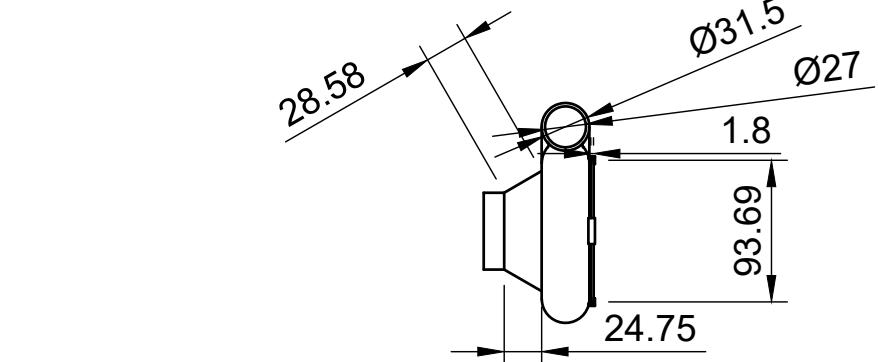
Title
AID-E
AUTOMATED INSECT DETECTION AND ELIMINATION

DWG No.

Rev. 1 Date of issue 31/05/2024

Sheet 28.2/32

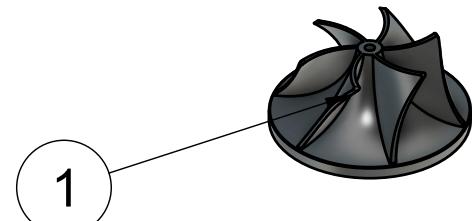
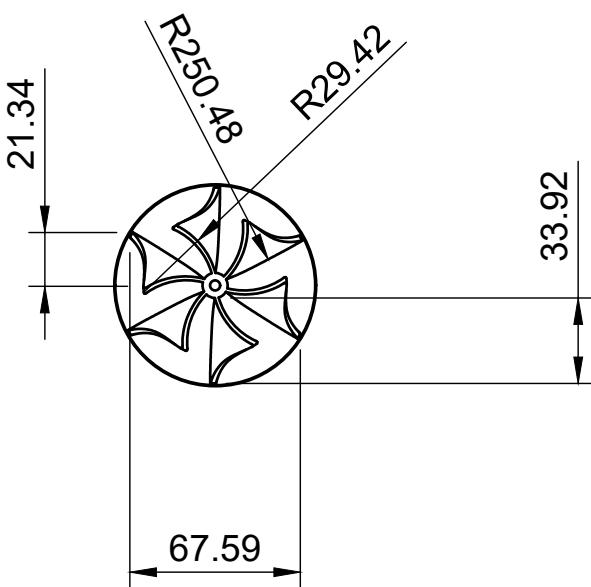
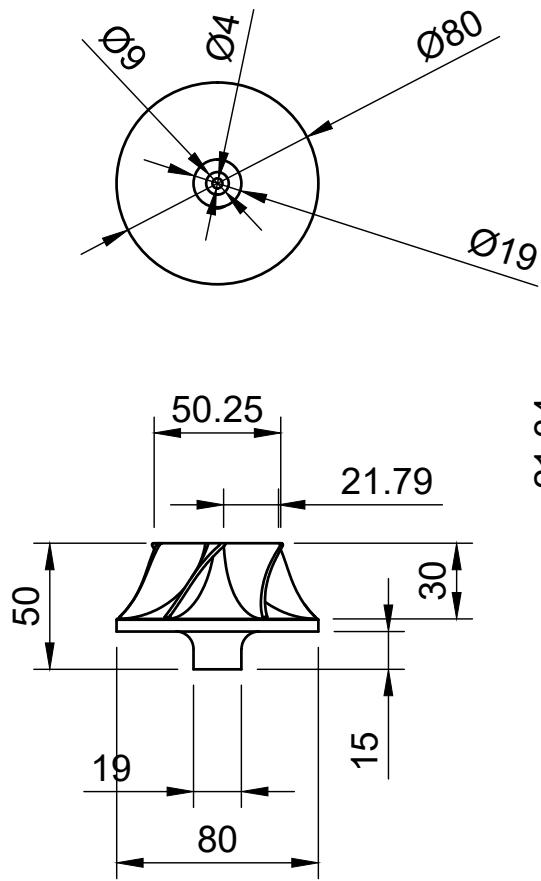
Parts List			
Item	Qty	Part Name	Material
2	1	Shell(Mirror) (1)	Steel
3	1	Lid Shell(Mirror)	Steel



Dept. COMPUTER ENGINEERING	Technical reference	Created by Muhammad Rafi Ari Ghani 31/05/2024	Approved by Ridwan Siskandar
		Document type PART DRAWING	Document status FINAL
Title AID-E		DWG No.	
AUTOMATED INSECT DETECTION AND ELIMINATION		Rev.	Date of issue
		1	31/05/2024
			Sheet 28.3/32

Parts List

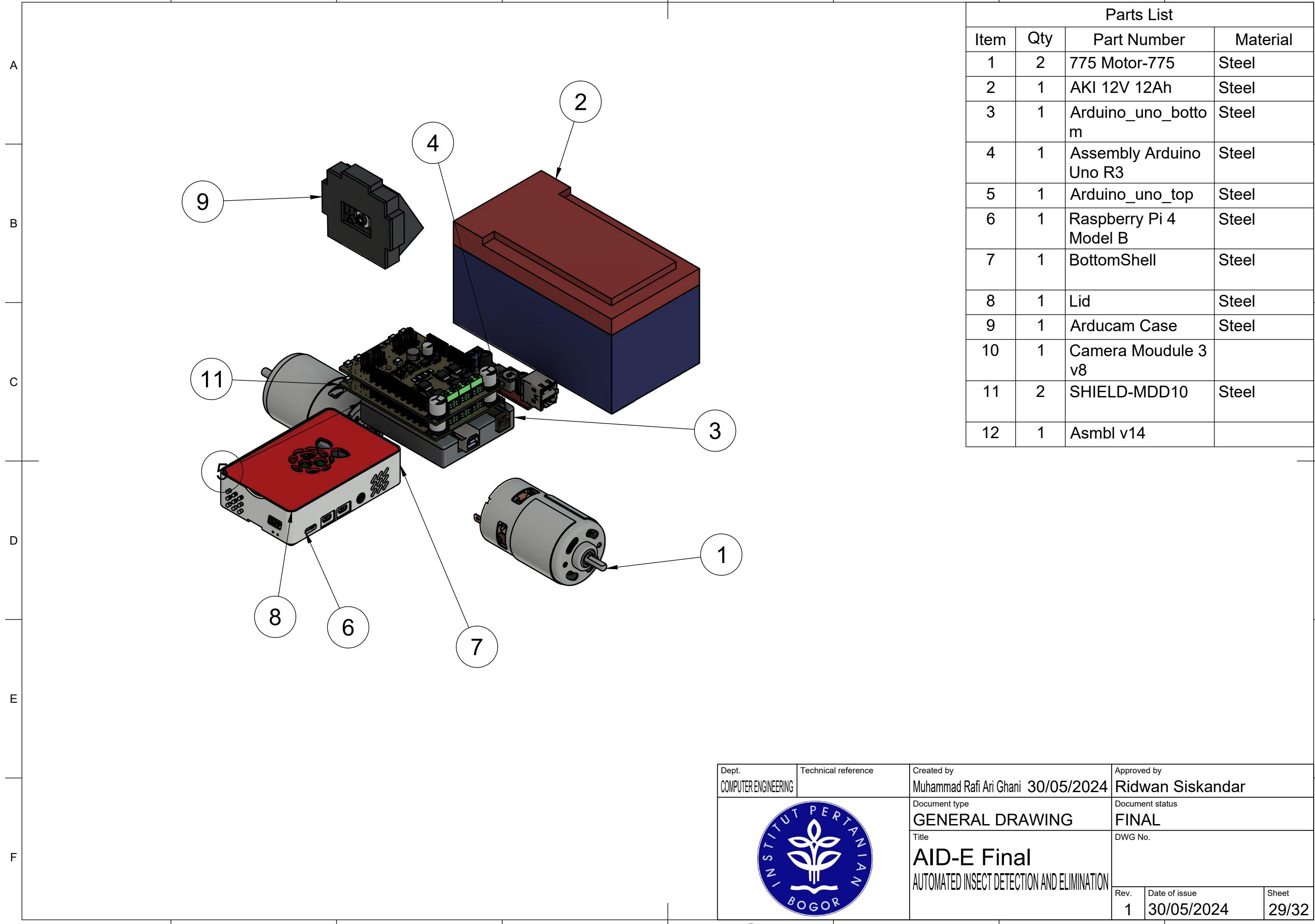
Item	Qty	Part Name	Material
1	1	Turbo Impeller(Mirror)	Steel

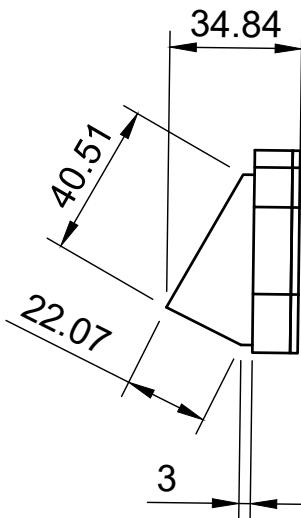
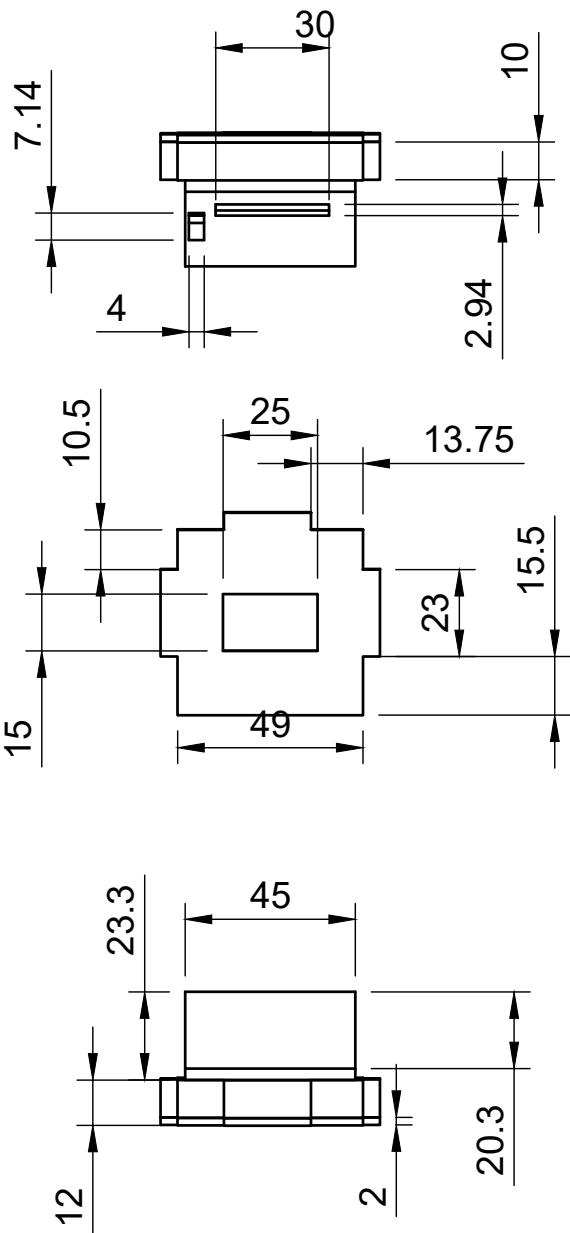


1

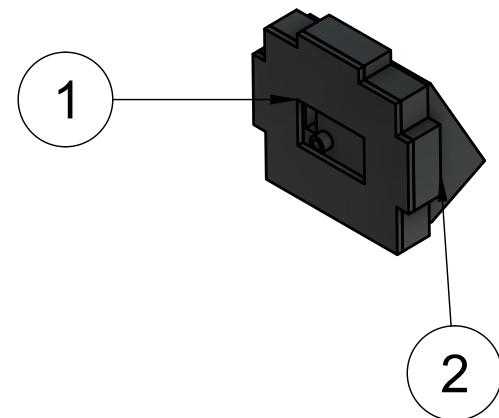
Dept. COMPUTER ENGINEERING	Technical reference	Created by Muhammad Rafi Ari Ghani 31/05/2024	Approved by Ridwan Siskandar
	Document type PART DRAWING	Document status FINAL	
	Title AID-E AUTOMATED INSECT DETECTION AND ELIMINATION	DWG No.	
	Rev. 1	Date of issue 31/05/2024	Sheet 28.4/32

1 2 3 4 5 6 7 8





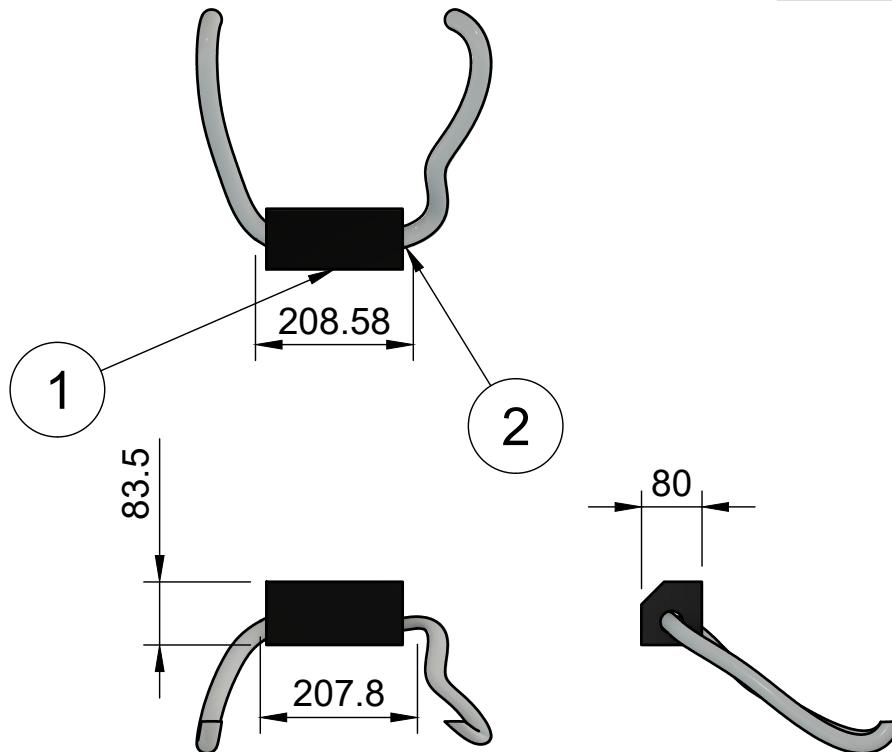
Parts List			
Item	Qty	Part Name	Material
1	1	Lid	Steel
2	1	Case Arducam	Steel



Dept. COMPUTER ENGINEERING	Technical reference	Created by Muhammad Rafi Ari Ghani 31/05/2024	Approved by Ridwan Siskandar
		Document type PART DRAWING	Document status FINAL
	Title AID-E	DWG No.	
	AUTOMATED INSECT DETECTION AND ELIMINATION	Rev.	Date of issue
		1	31/05/2024
			Sheet 29.5/32

Parts List

Item	Qty	Part Name	Material
1	1	CAGE	PLA+
2	1	HOSE	PVC, Flexible



Dept.
COMPUTER ENGINEERING

Technical reference



Created by
Muhammad Rafi Ari Ghani 30/05/2024

Approved by
Ridwan Siskandar

Document type
GENERAL DRAWING

Document status
FINAL

Title
**AID-E
AUTOMATED INSECT DETECTION AND ELIMINATION**

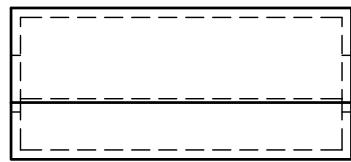
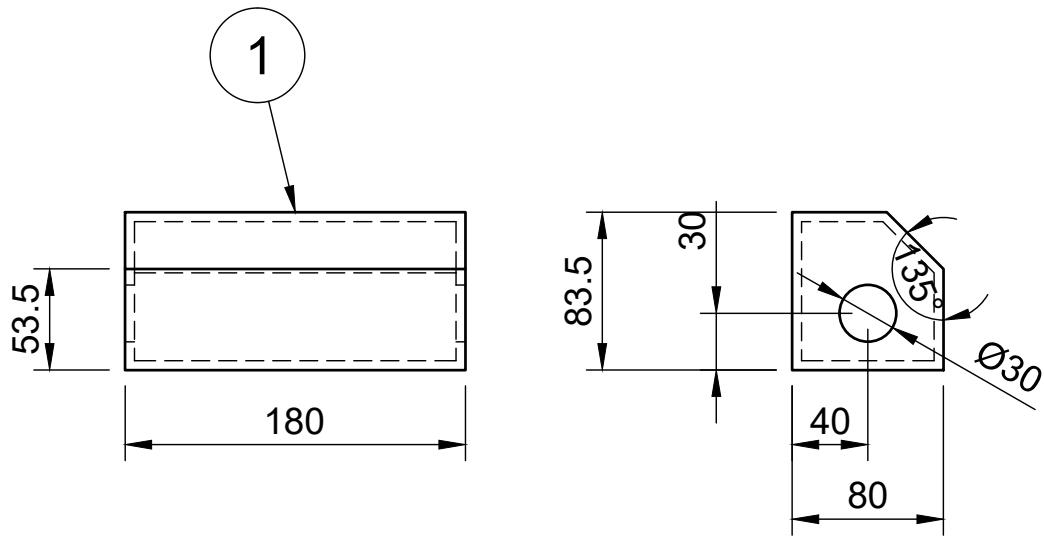
DWG No.

Rev. 1 Date of issue 30/05/2024

Sheet 30/32

Parts List

Item	Qty	Part Name	Material
1	1	CAGE	PLA+



Dept.
COMPUTER ENGINEERING

Technical reference



Created by
Muhammad Rafi Ari Ghani 30/05/2024

Approved by
Ridwan Siskandar

Document type
PART DRAWING

Document status
FINAL

Title
AID-E

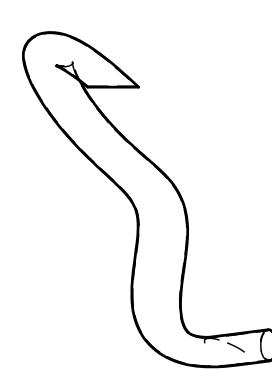
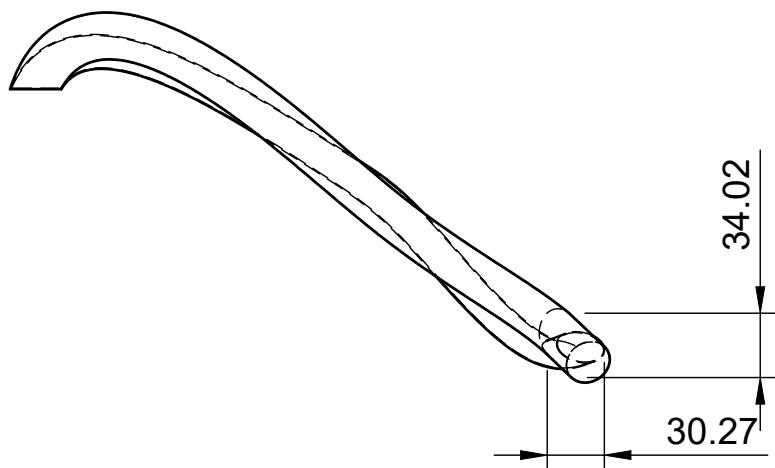
DWG No.

Rev. 1 Date of issue 30/05/2024

Sheet 31/32

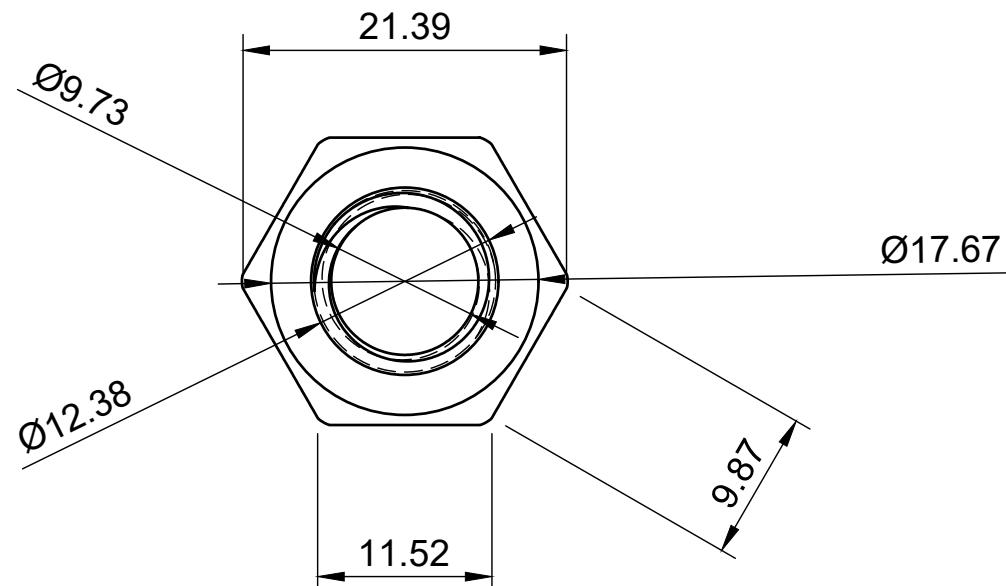
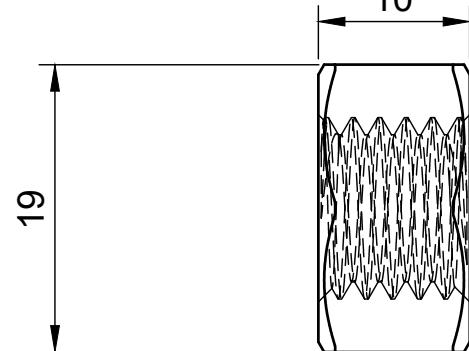
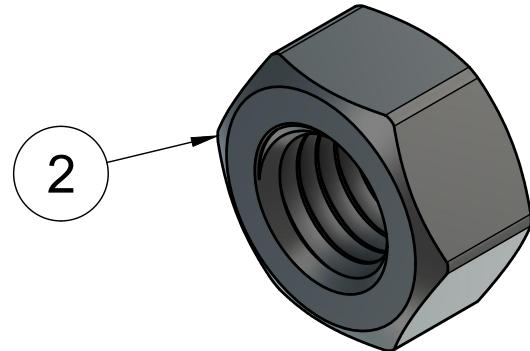
Parts List

Item	Qty	Part Name	Material
2	1	HOSE	PVC, Flexible



2

Dept. COMPUTER ENGINEERING	Technical reference	Created by Muhammad Rafi Ari Ghani 30/05/2024	Approved by Ridwan Siskandar
	Document type PART DRAWING	Document status FINAL	
	Title AID-E	DWG No.	
	AUTOMATED INSECT DETECTION AND ELIMINATION		
Rev. 1	Date of issue 30/05/2024	Sheet 32/32	

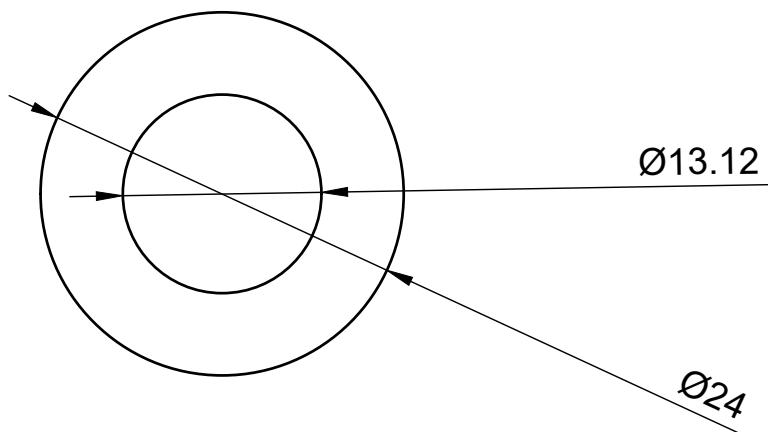
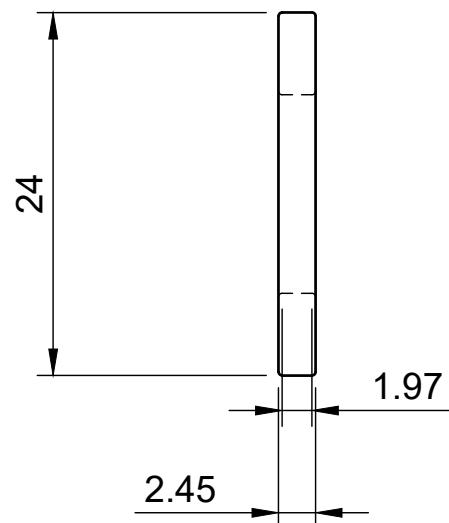
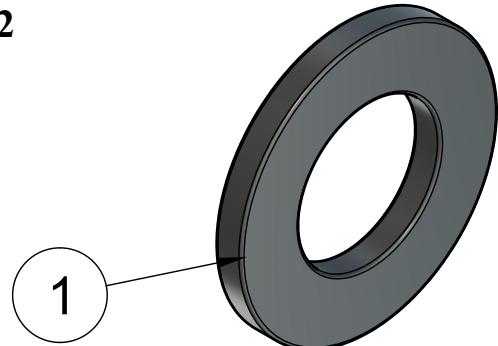
MUR M12Dept.
COMPUTER ENGINEERING

Technical reference

Created by
Muhammad Rafi Ari Ghani 30/05/2024Approved by
Ridwan SiskandarDocument type
PART DRAWINGDocument status
FINALTitle
AID-E

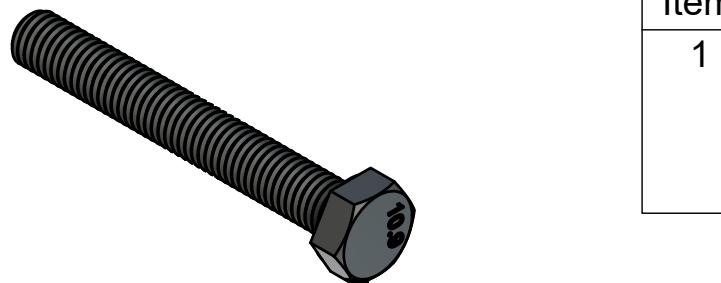
DWG No.

AUTOMATED INSECT DETECTION AND ELIMINATIONRev. **1** Date of issue **30/05/2024**Sheet **32/32.1**

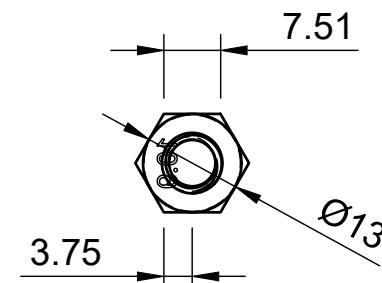
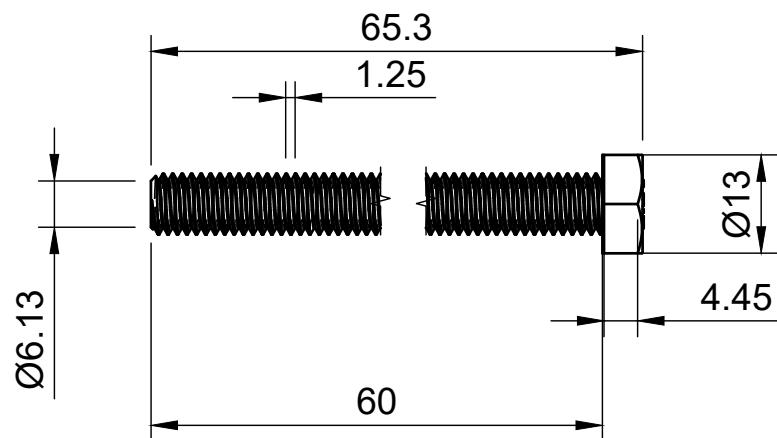
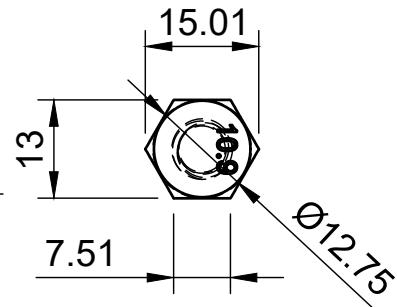
RING M12

Parts List			
Item	Qty	Part Name	Material
1	4	Ring M12 v1	Steel

Dept. COMPUTER ENGINEERING	Technical reference	Created by Muhammad Rafi Ari Ghani 30/05/2024	Approved by Ridwan Siskandar
	Document type PART DRAWING	Document status FINAL	
	Title AID-E	DWG No.	
	AUTOMATED INSECT DETECTION AND ELIMINATION		
Rev. 1	Date of issue 30/05/2024	Sheet 32/32.2	

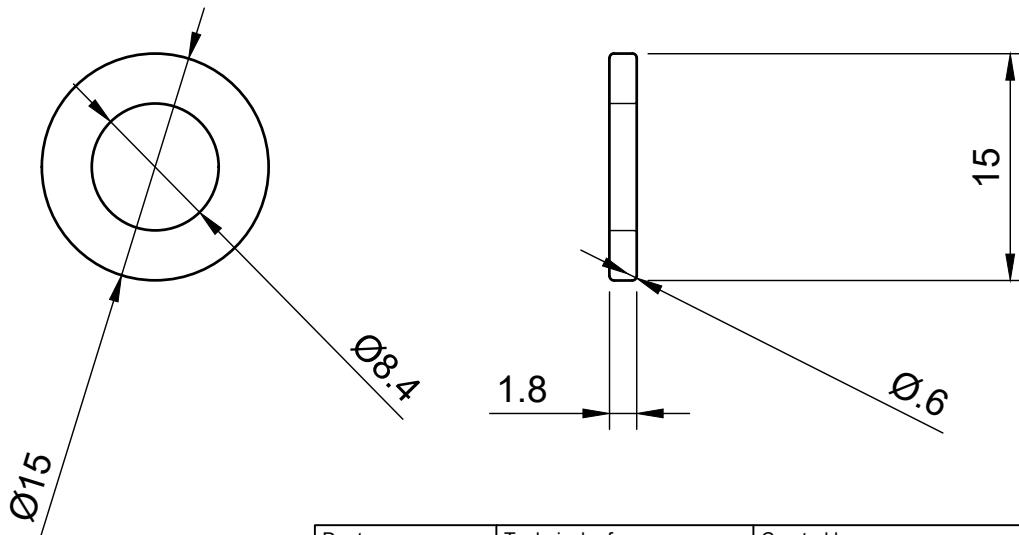
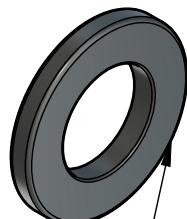
BAUT M8X1.25-60

Parts List			
Item	Qty	Part Name	Material
1	4	Baut M8x1.25-60 v1	Steel



Dept. COMPUTER ENGINEERING	Technical reference	Created by Muhammad Rafi Ari Ghani 30/05/2024	Approved by Ridwan Siskandar
	Document type PART DRAWING	Document status FINAL	
	Title AID-E	DWG No.	
	AUTOMATED INSECT DETECTION AND ELIMINATION	Rev. 1	Date of issue 30/05/2024
			Sheet 32/32.3

RING M8



Parts List

Item	Qty	Part Name	Material
2	4	Ring M8x1.25 v1	Steel

Dept.
COMPUTER ENGINEERING

Technical reference

Created by
Muhammad Rafi Ari Ghani 30/05/2024

Approved by
Ridwan Siskandar



Document type
PART DRAWING

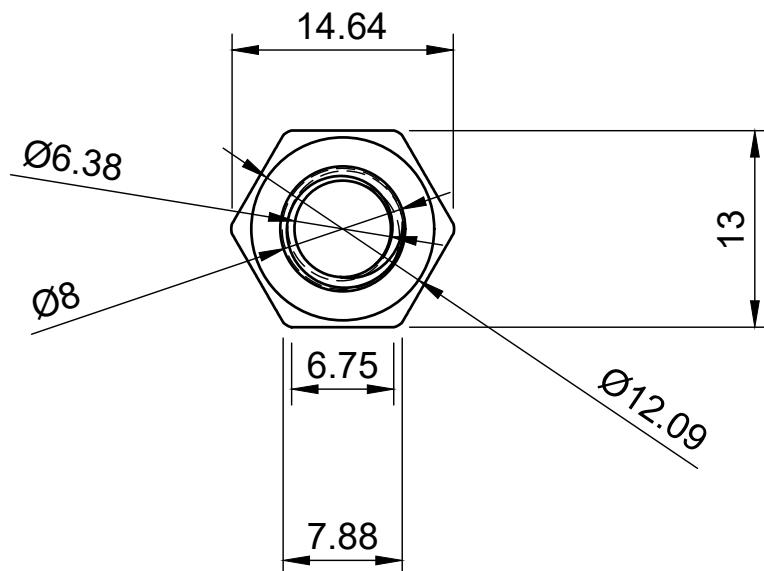
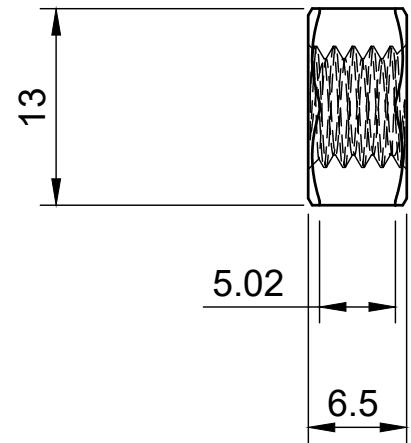
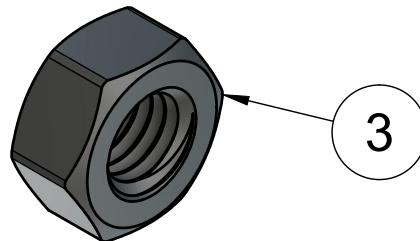
Document status
FINAL

Title
AID-E
AUTOMATED INSECT DETECTION AND ELIMINATION

DWG No.

Rev. 1 Date of issue 30/05/2024

Sheet 32/32.4

MUR M8**Parts List**

Item	Qty	Part Name	Material
3	4	Mur M8x1.25 v1	Steel

Dept.
COMPUTER ENGINEERING

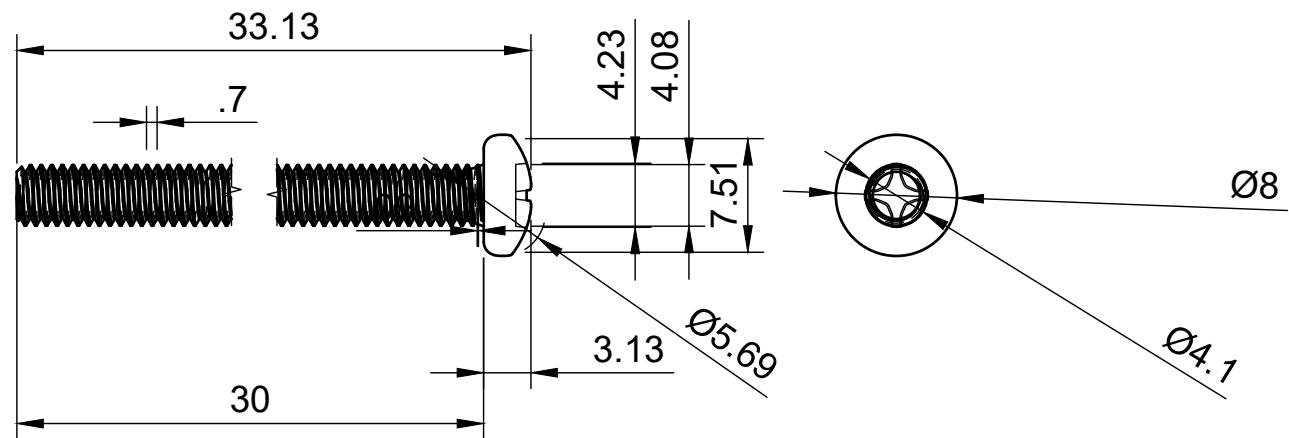
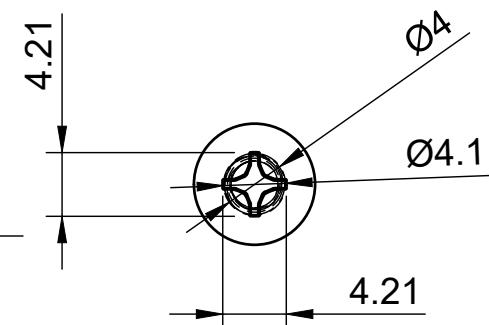
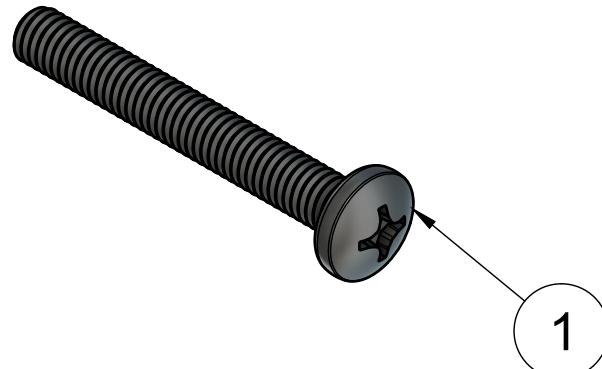
Technical reference

Created by
Muhammad Rafi Ari Ghani 30/05/2024Approved by
Ridwan SiskandarDocument type
PART DRAWINGDocument status
FINALTitle
AID-E
AUTOMATED INSECT DETECTION AND ELIMINATION

DWG No.

Rev. 1 Date of issue 30/05/2024

Sheet 32/32.5

BAUT M4X0.7-30**Parts List**

Item	Qty	Part Name	Material
1	8	Baut M4x0.7-30 v3	Steel

Dept.
COMPUTER ENGINEERING

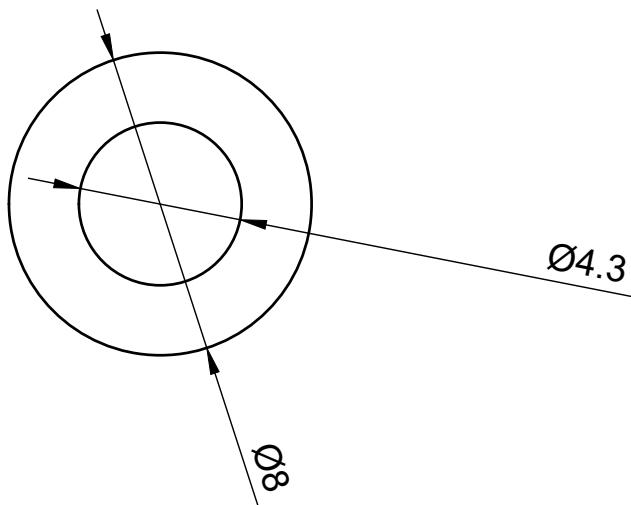
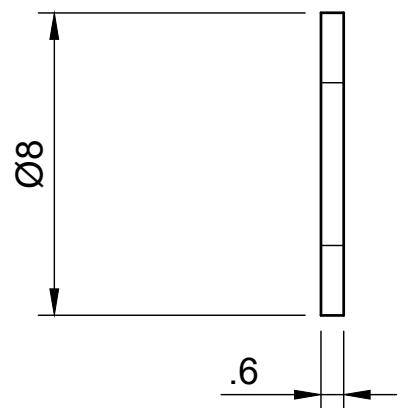
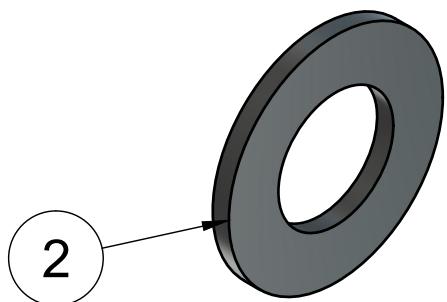
Technical reference

Created by
Muhammad Rafi Ari Ghani 30/05/2024Approved by
Ridwan SiskandarDocument type
PART DRAWINGTitle
AID-E**AUTOMATED INSECT DETECTION AND ELIMINATION**Document status
FINAL

DWG No.

Rev. 1 Date of issue 30/05/2024

Sheet 32/32.6

RING M4**Parts List**

Item	Qty	Part Number	Material
2	8	Ring M4	Steel

Dept.
COMPUTER ENGINEERING

Technical reference

Created by
Muhammad Rafi Ari Ghani 30/05/2024Approved by
Ridwan SiskandarDocument type
PART DRAWINGDocument status
FINALTitle
AID-E

DWG No.

AUTOMATED INSECT DETECTION AND ELIMINATION

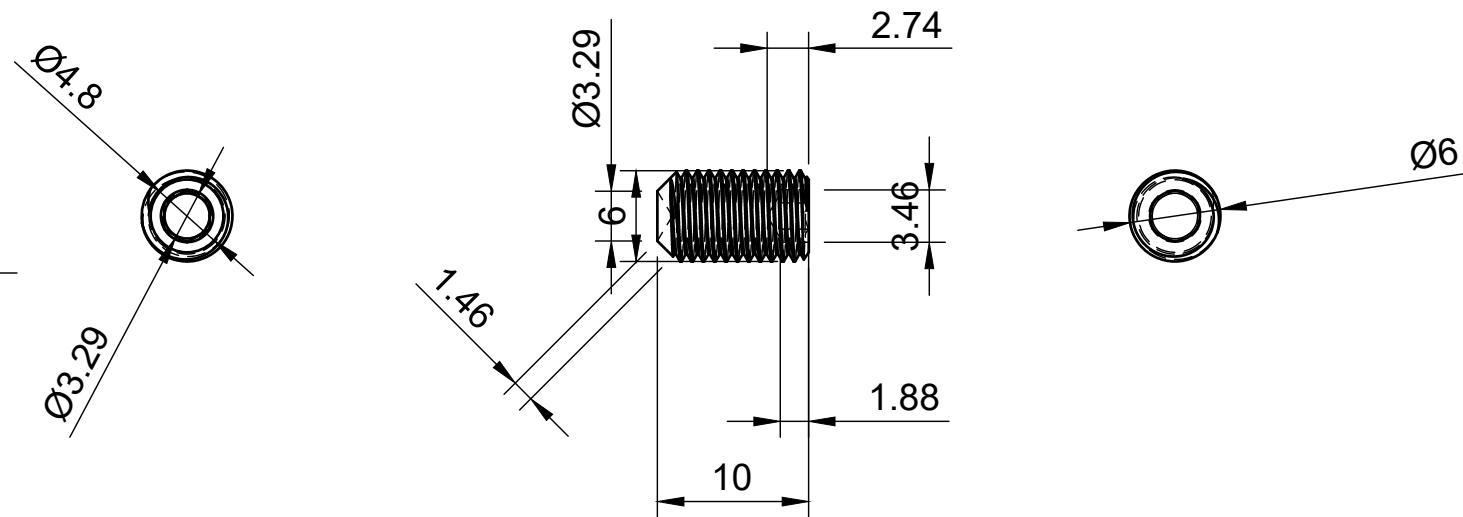
Rev. **1** Date of issue **30/05/2024**Sheet **32/32.7**

BAUT M6



1

Parts List			
Item	Qty	Part Name	Material
1	4	M6 headless v1	Steel



Dept. COMPUTER ENGINEERING	Technical reference	Created by Muhammad Rafi Ari Ghani 30/05/2024	Approved by Ridwan Siskandar
	Document type PART DRAWING	Document status FINAL	
	Title AID-E AUTOMATED INSECT DETECTION AND ELIMINATION	DWG No.	
	Rev. 1	Date of issue 30/05/2024	Sheet 32/32.8