

LAMPIRAN 1

SIFAT-SIFAT MEKANIK AKRILIK

(Sumber : <https://eprints.itenas.ac.id/1496/2/05.pdf>)

Sifat-sifat mekanik akrilik	
Polimer: <i>Polymethyl methacrylate</i> ($C_5H_8O_2$) _n	
Simbol: PMMA	Elongasi: 5%
Metode polimerisasi: <i>Addition</i>	Spesifik gravitasi: 1,2
Modulus elastisitas: 2800 MPa	Temperatur beku: 105 ⁰ C
Kekuatan tarik: 55 Mpa	Temperatur leleh: 200 ⁰ C

Temperatur bending akrilik	140 – 180 °C
Temperatur didih akrilik	232 °C
Kalor jenis	1465 $\frac{J}{kg.k}$
Kepadatan akrilik	1170 $\frac{kg}{m^3}$
Konduktivitas termal akrilik suhu ruang	0,19 $\frac{w}{m.k}$
Konduktivitas termal akrilik suhu 150 °C	2,5 $\frac{w}{m.k}$

LAMPIRAN 2

SIFAT-SIFAT MEKANIK ALUMINIUM 6061-AHAC

Sumber : (Lazuardi et al, 2022)

Nama Material	Aluminum 6061-AHC	
Sifat Umum	Massa Jenis	2,7 g/cm ³
	<i>Yield Strength</i>	275 MPa
	<i>Ultimate Tensile Strength</i> (UTS)	310 MPa
Tegangan	Modulus Young	68.899,99 MPa
	Rasio Poisson	0,33 ul
	Modulus Geser	25.902,22 MPa

LAMPIRAN 3

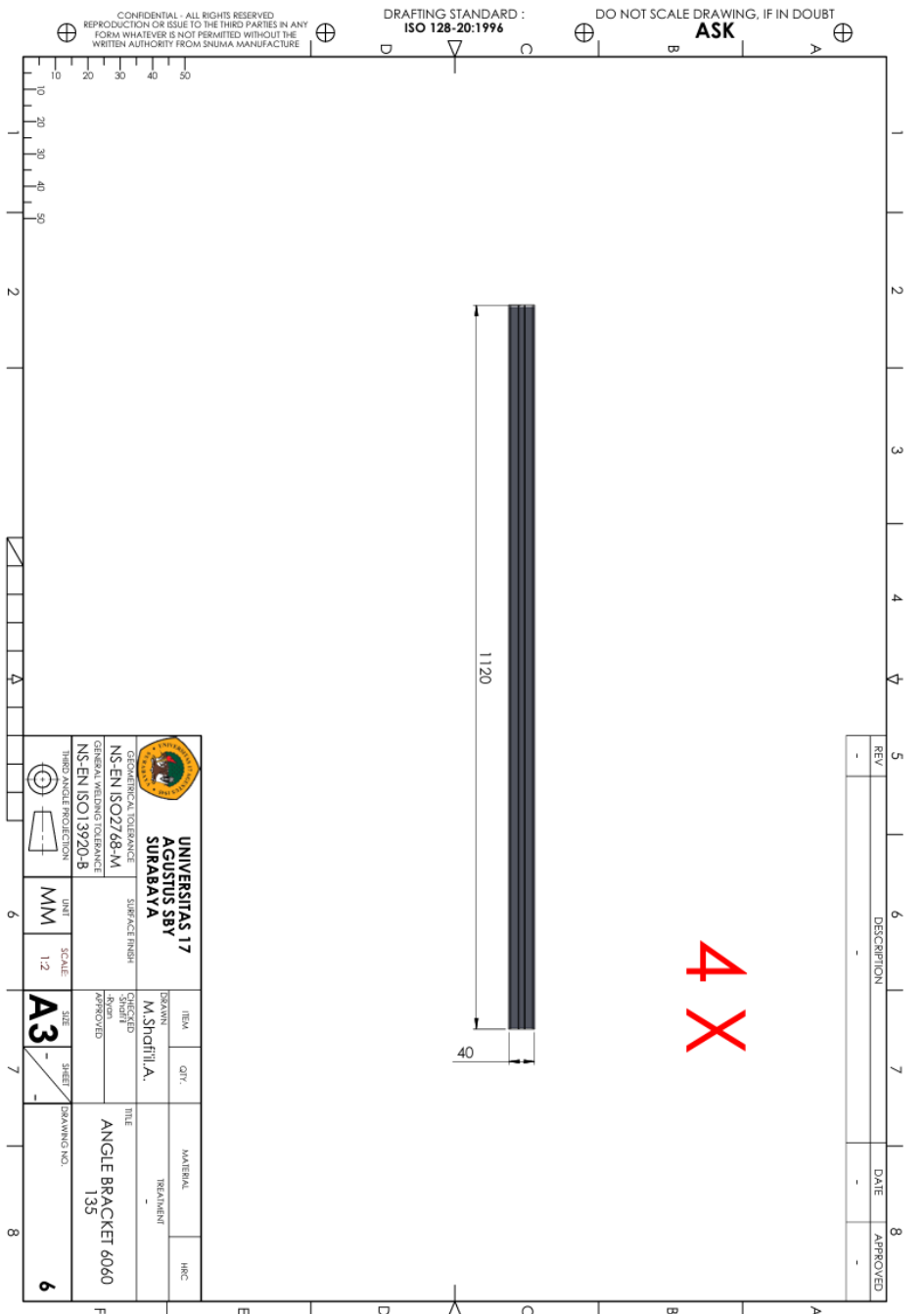
SPEKIFIKASI COMPRESSOR LANDWARD

(Sumber : <http://www.langchaosh.com/en/5.5kw%E8%8B%B1%E6%96%87.pdf>)

Model		LC2.2A	LC3A	LC4A	LC5.5A	LC7.5A
Air displacement/ Exhaust pressure (m ³ /min.Mpa-1)		0.33/0.8	0.43/0.8	0.67/0.8	0.92/0.8	1.1/0.8
Power(Kw)		2.2	3	4	5.5	7.5
Voltage(V)		380V / 50HZ				
Interface pipe size		1/2"				
Dimensions	Length(mm)	680	680	680	760	760
	Width(mm)	660	660	660	660	660
	Height(mm)	790	790	790	850	850
Weight (Kg)		131	139	146	202	205

LAMPIRAN 4

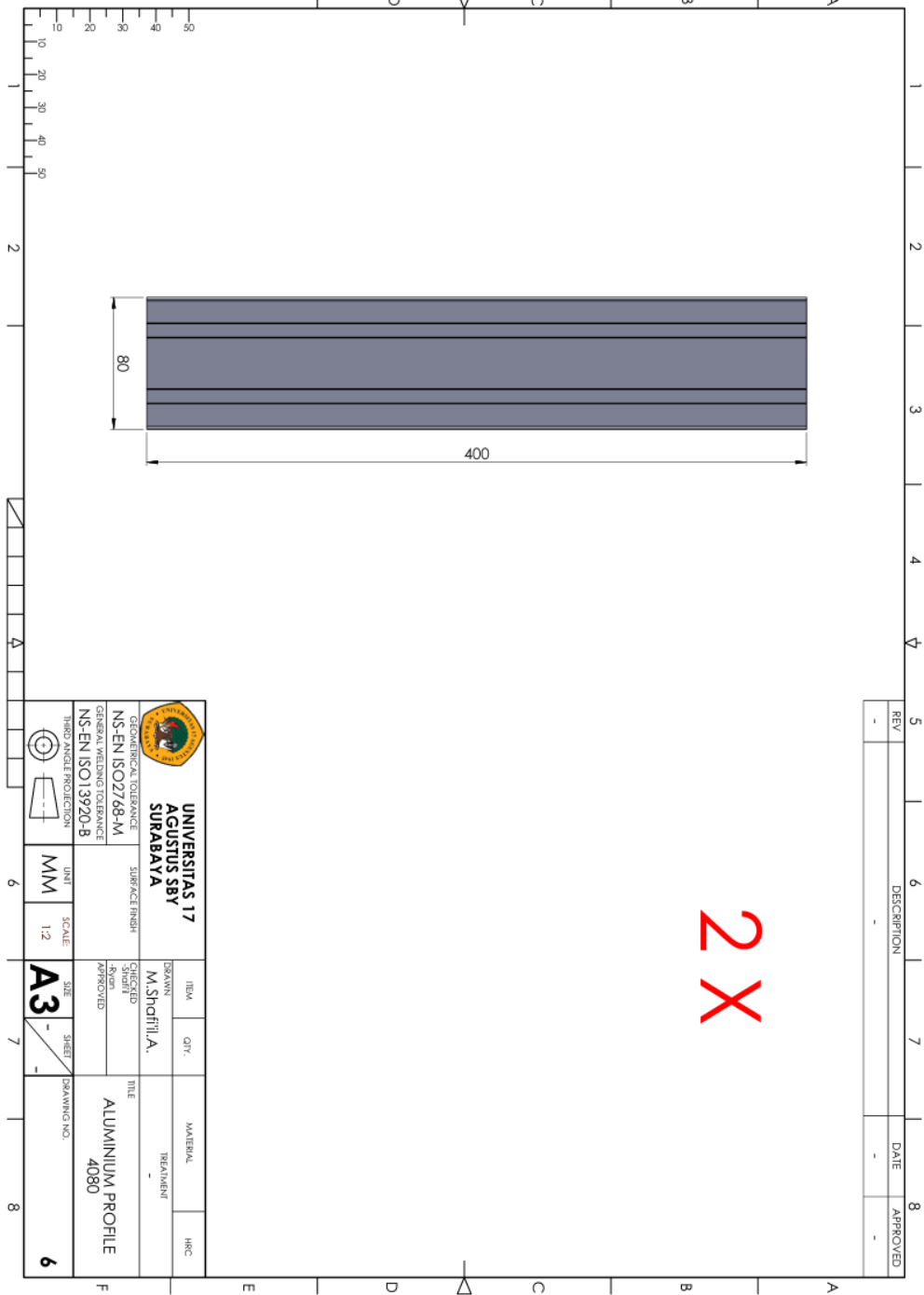
DETAIL GAMBAR KOMPONEN

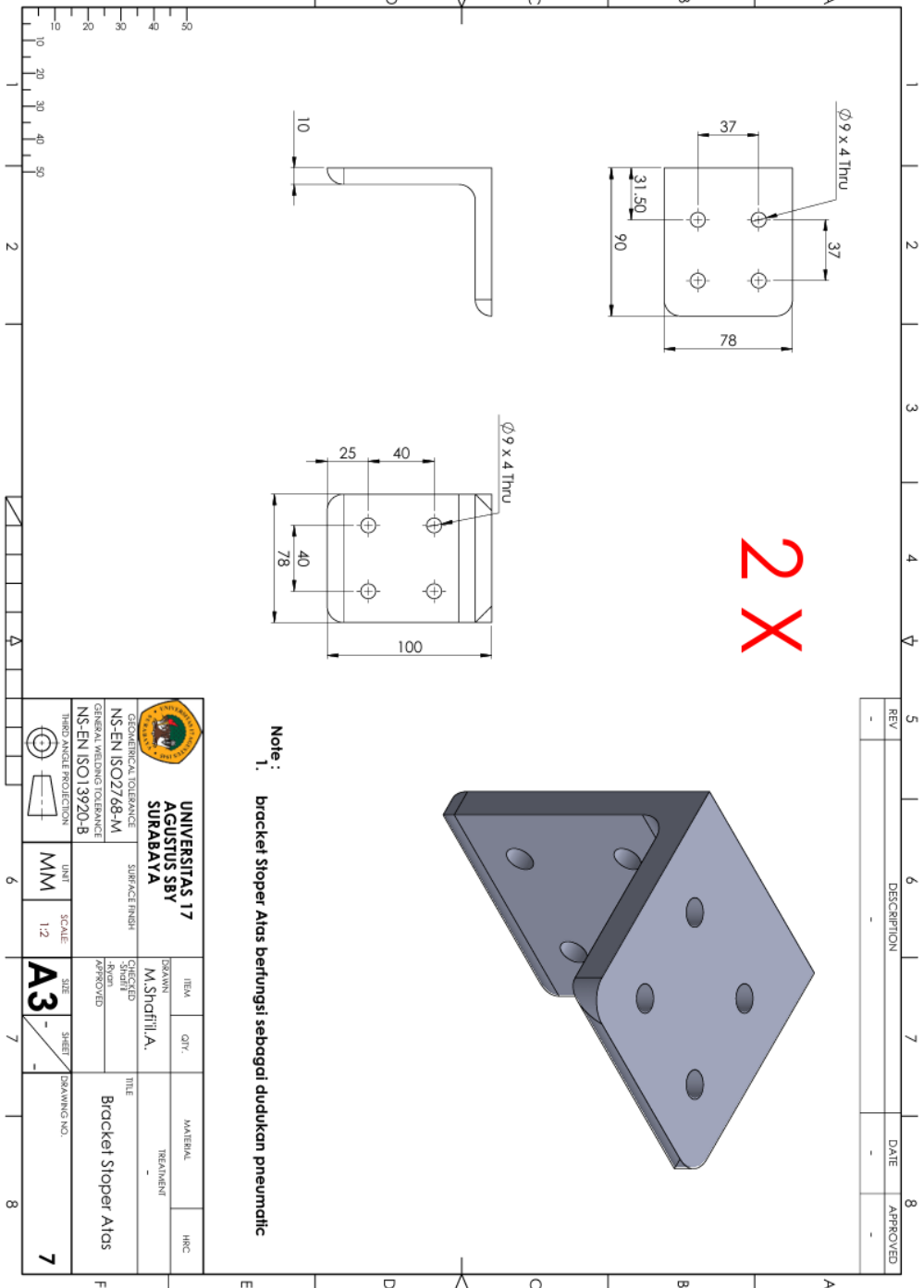


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DRAFTING STANDARD :
ISO 128-20:1996

DO NOT SCALE DRAWING, IF IN DOUBT
ASK

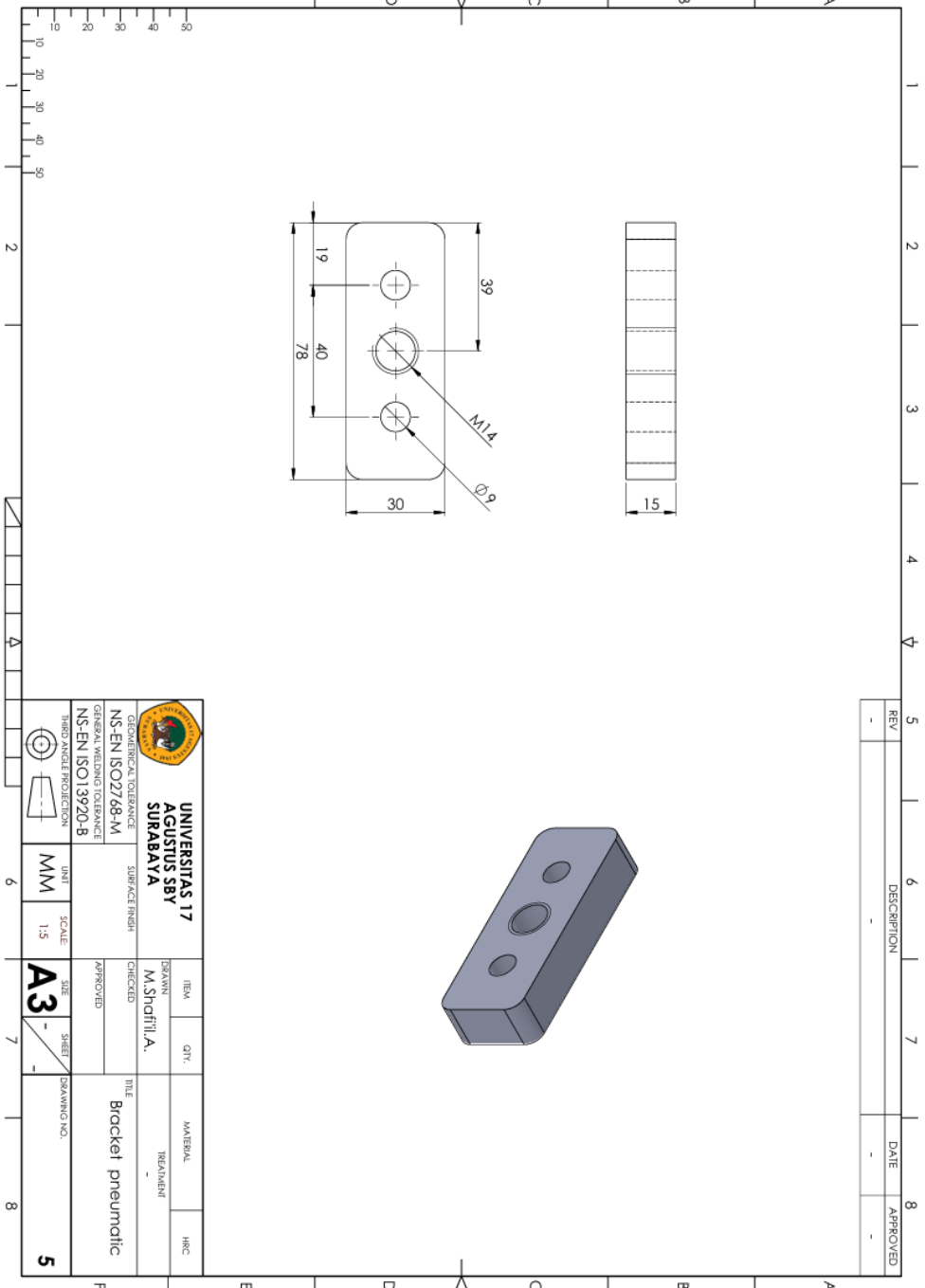




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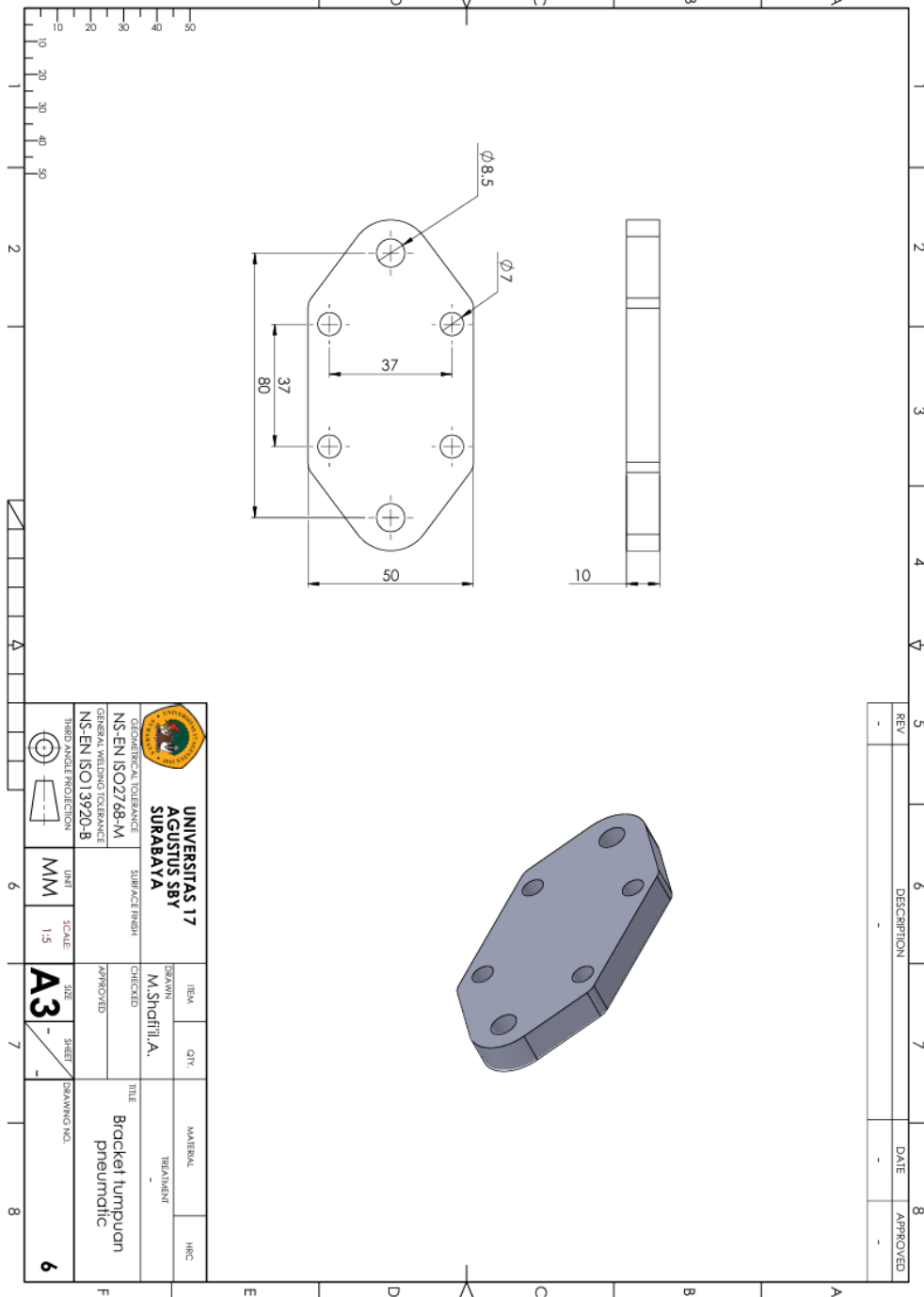
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 ISO 128-20:1996

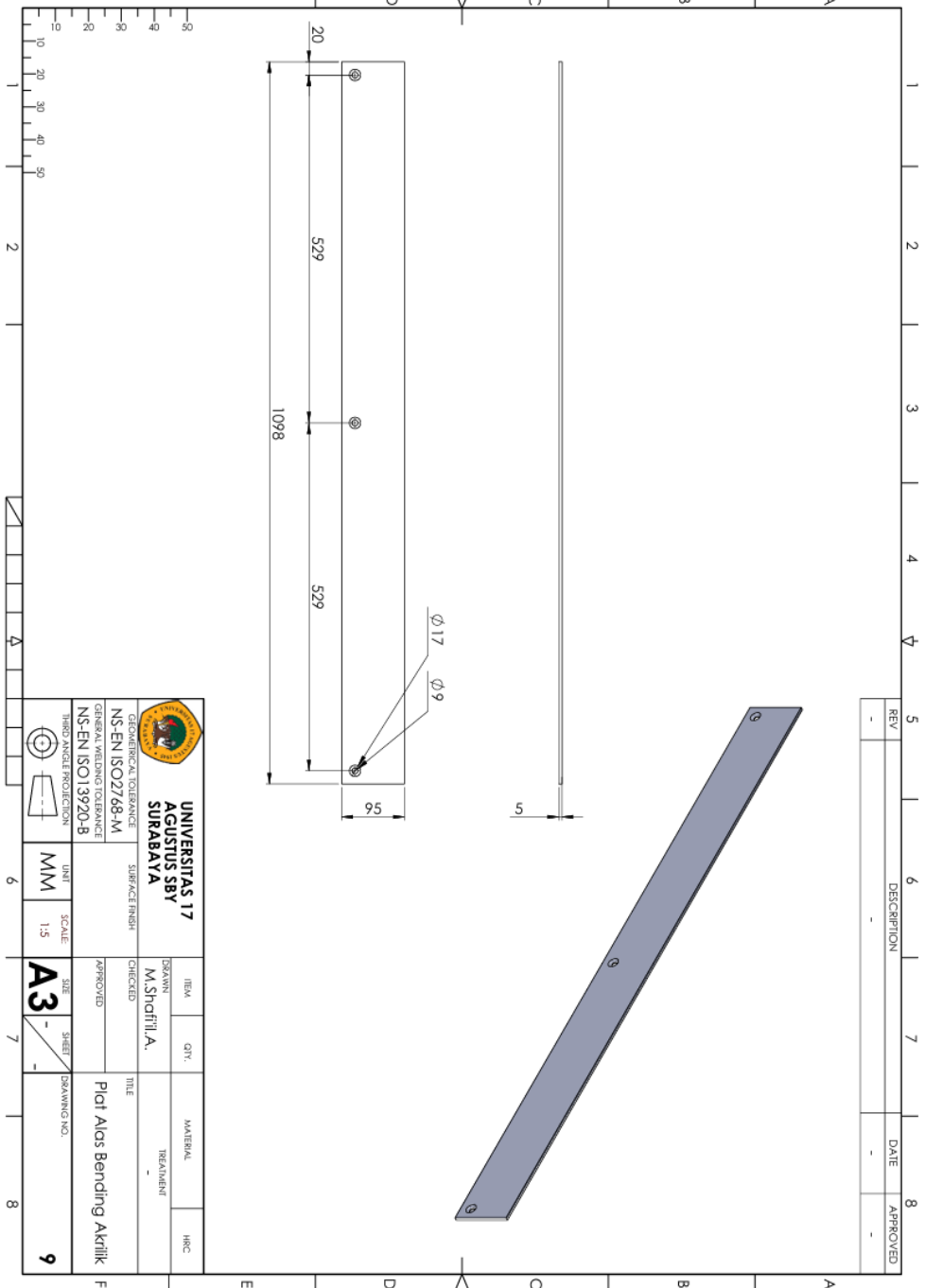
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		UNIVERSITAS 17 AGUSTUS SBY SURABAYA		ITEM	QTY.	MATERIAL	HRC.
GEOMETRICAL TOLERANCE NS-EN ISO 2768-M SURFACE FINISH		DRAWN M. Shofitil A.		CHECKED		TREATMENT	
GENERAL TOLERANCE NS-EN ISO 13920-B		APPROVED		TITLE Bracket pneumatic			
THIRD ANGLE PROJECTION 	UNIT MM	SCALE 1:5	SIZE A3	SHEET -	DRAWING NO.	5	

REV	5	6	7	8
-				
DESCRIPTION				DATE
-				-
APPROVED				-

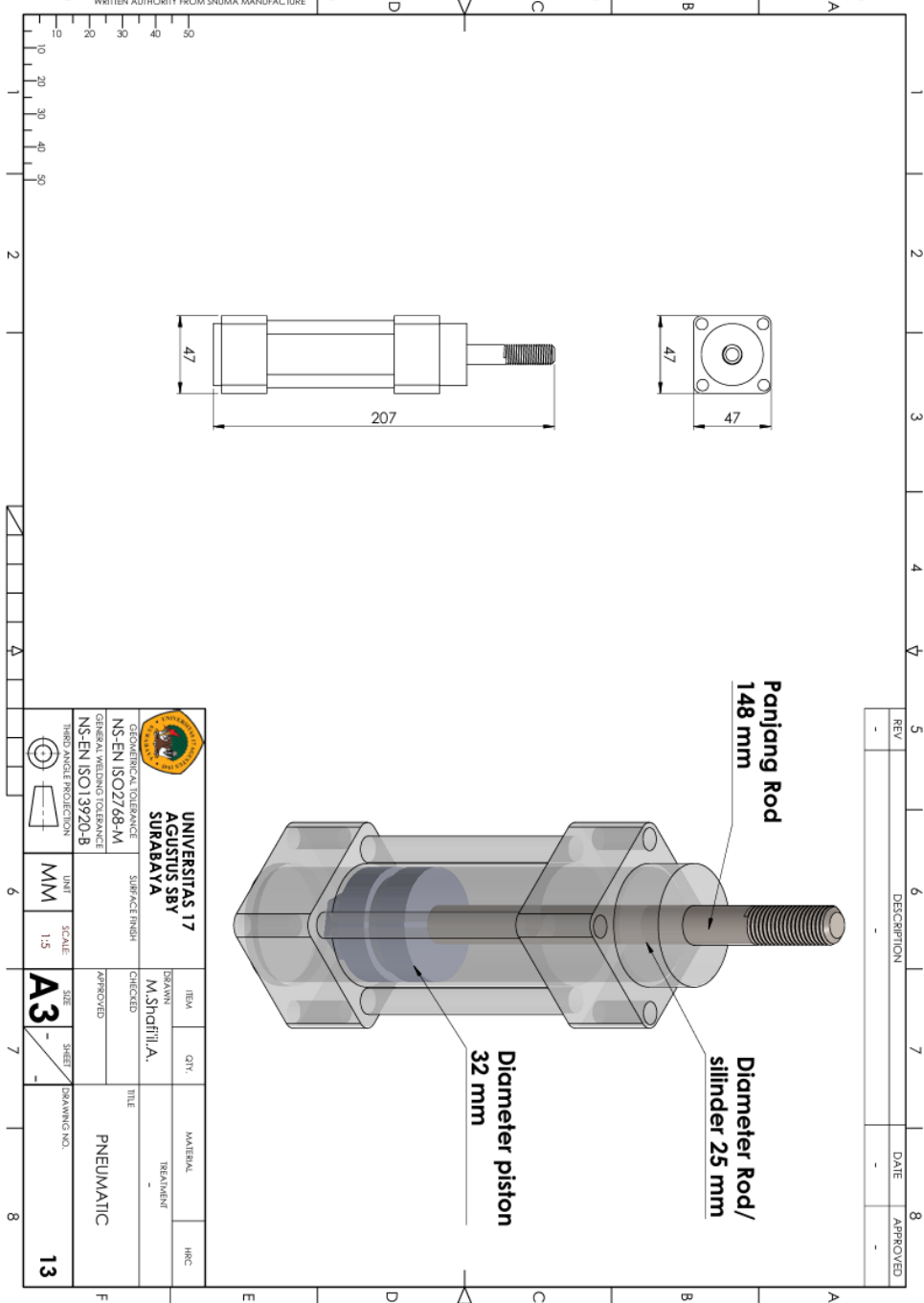




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LAMPIRAN 5

DETAIL GAMBAR ASSEMBLY

