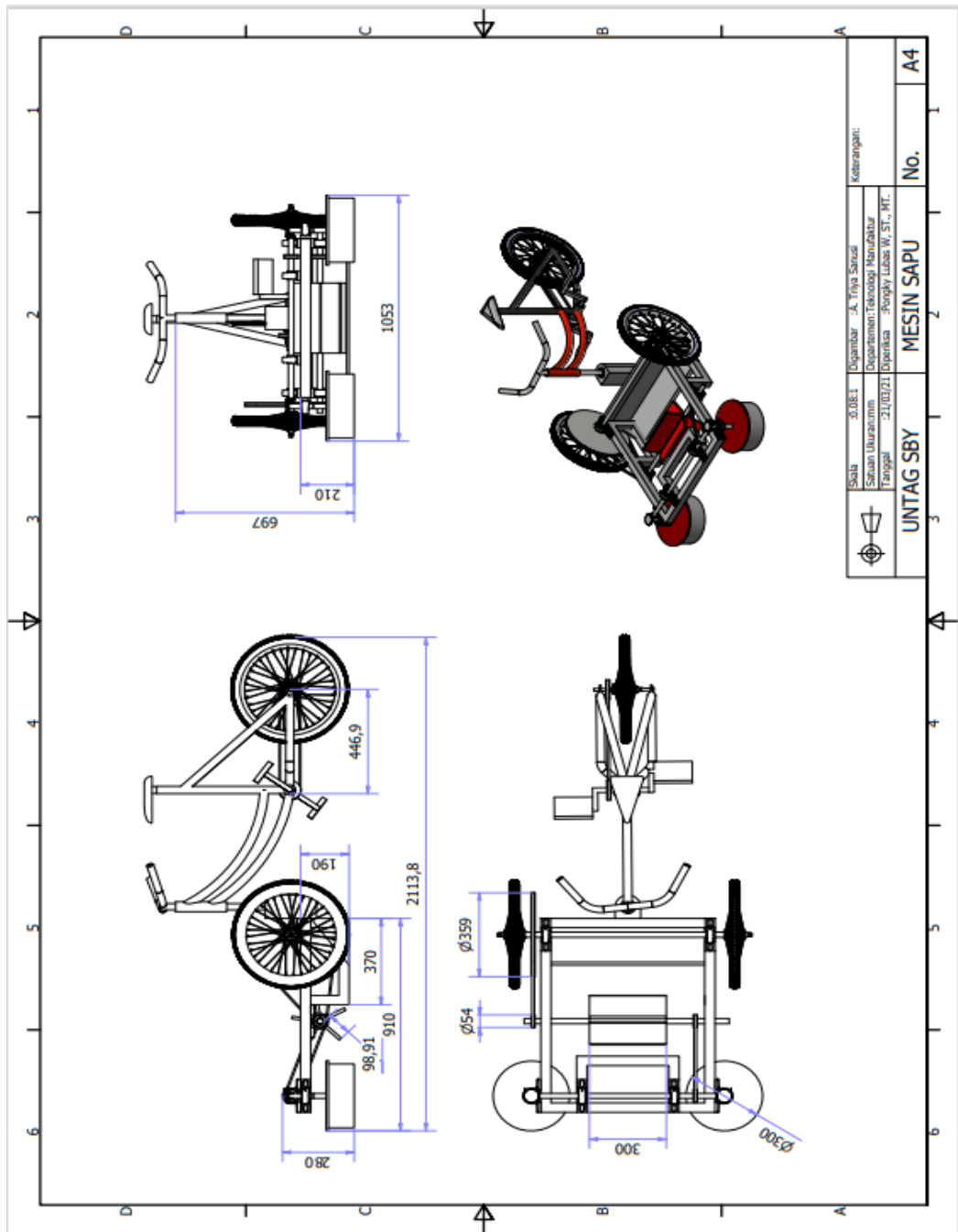
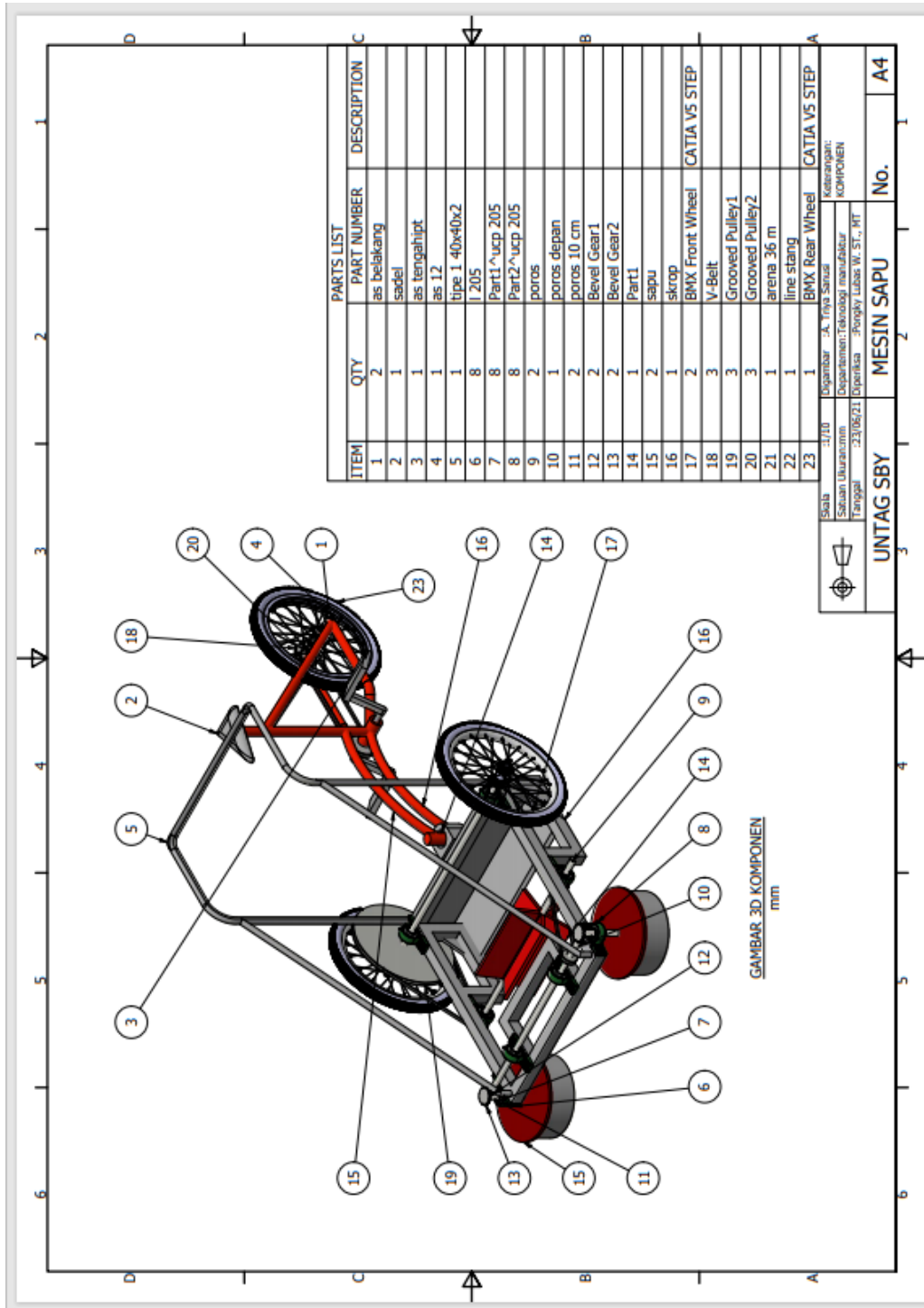


Lampiran – Lampiran

Lampiran 1. Gambar model desain



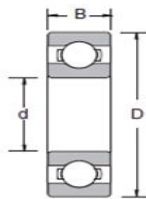
Lampiran 2. keterangan part alat



ITEM	QTY	PART NUMBER	DESCRIPTION
1	2		as belakang
2	1		sadel
3	1		as tengahipt
4	1		as 12
5	1		tipe 1 40x40x2
6	8		l 205
7	8		Part1^ucp 205
8	8		Part2^ucp 205
9	2		poros
10	1		poros depan
11	2		poros 10 cm
12	2		Bevel Gear1
13	2		Bevel Gear2
14	1		Part1
15	2		sapu
16	1		skrop
17	2		BMX Front Wheel
18	3		V-Belt
19	3		Grooved Pulley1
20	3		Grooved Pulley2
21	1		arena 36 m
22	1		line stang
23	1		BMX Rear Wheel

	Skala	1:10
	Satuan Ukuran	mm
	Tanggal	23/06/21
	Digambar	A. Triya Salsua
	Departemen	Teknologi manufaktur
	Diserika	Pongky Lubas W. ST., MT
UNTAG SBY		MESIN SAPU
		No.
		A4

Lampiran 3. Bearing



Bearing Number	Nominal Bearing Dimensions						Preferred Shoulder Diameters			Basic Load Ratings		Limiting Speeds (1000 RPM)		
	d		D		B		r*	Shaft	Housing	C _r	C _{or}	Grease	Oil	lbs
	mm	inch	mm	inch	mm	inch	inch	inch	inch					
693	3.00	0.1181	8	0.3150	3.00	0.1181	0.006	0.169	0.287	126	40	60.0	67.0	0.001
693ZZVV	3.00	0.1181	8	0.3150	4.00	0.1575	0.006	0.165	0.268	126	40	60.0	67.0	0.002
623	3.00	0.1181	10	0.3937	4.00	0.1575	0.006	0.165	0.346	141	49	50.0	60.0	0.003
624	4.00	0.1575	9	0.3543	2.50	0.0984	0.004	0.205	0.319	143	51	53.0	63.0	0.001
684ZZVV	4.00	0.1575	9	0.3543	4.00	0.1575	0.004	0.189	0.323	143	51	53.0	63.0	0.002
694	4.00	0.1575	11	0.4331	4.00	0.1575	0.006	0.205	0.386	216	77	48.0	56.0	0.003
604	4.00	0.1575	12	0.4724	4.00	0.1575	0.008	0.220	0.409	216	77	48.0	56.0	0.004
624	4.00	0.1575	13	0.5118	5.00	0.1969	0.008	0.220	0.449	293	108	40.0	48.0	0.006
634	4.00	0.1575	16	0.6299	5.00	0.1969	0.012	0.236	0.551	390	151	36.0	43.0	0.015
685	5.00	0.1969	11	0.4331	3.00	0.1181	0.006	0.244	0.390	161	64	45.0	53.0	0.002
685ZZVV	5.00	0.1969	11	0.4331	5.00	0.1969	0.006	0.244	0.386	161	64	45.0	53.0	0.004
695	5.00	0.1969	13	0.5118	4.00	0.1575	0.008	0.260	0.449	243	97	43.0	50.0	0.005
605	5.00	0.1969	14	0.5512	5.00	0.1969	0.008	0.260	0.488	298	115	40.0	50.0	0.007
625	5.00	0.1969	16	0.6299	5.00	0.1969	0.012	0.276	0.551	390	150	36.0	43.0	0.010
635	5.00	0.1969	19	0.7480	6.00	0.2362	0.012	0.276	0.669	526	199	32.0	40.0	0.022
686	6.00	0.2362	13	0.5118	3.50	0.1378	0.006	0.291	0.461	243	99	40.0	50.0	0.004
686ZZVV	6.00	0.2362	13	0.5118	5.00	0.1969	0.006	0.283	0.465	243	99	40.0	50.0	0.005
696	6.00	0.2362	15	0.5906	5.00	0.1969	0.008	0.299	0.528	390	150	40.0	45.0	0.008
606	6.00	0.2362	17	0.6693	6.00	0.2362	0.012	0.315	0.591	509	187	38.0	45.0	0.012
626	6.00	0.2362	19	0.7480	6.00	0.2362	0.012	0.315	0.669	526	199	32.0	40.0	0.021
687	7.00	0.2756	14	0.5512	3.50	0.1378	0.006	0.335	0.500	265	115	40.0	45.0	0.004
687ZZVV	7.00	0.2756	14	0.5512	5.00	0.1969	0.006	0.323	0.504	265	115	40.0	45.0	0.006
697	7.00	0.2756	17	0.6693	5.00	0.1969	0.012	0.354	0.591	362	161	36.0	43.0	0.011
607	7.00	0.2756	19	0.7480	6.00	0.2362	0.012	0.354	0.669	525	198	36.0	43.0	0.015
627	7.00	0.2756	22	0.8661	7.00	0.2756	0.012	0.354	0.787	741	308	30.0	36.0	0.031
608-5	7.90	0.3123	22	0.8661	7.00	0.2756	0.012	0.394	0.787	741	308	34.0	40.0	0.030
698	8.00	0.3150	19	0.7480	6.00	0.2362	0.012	0.394	0.650	503	205	36.0	43.0	0.014
608	8.00	0.3150	22	0.8661	7.00	0.2756	0.012	0.394	0.787	741	308	34.0	40.0	0.030
628	8.00	0.3150	24	0.9449	8.00	0.3150	0.012	0.394	0.669	750	322	28.0	34.0	0.034
638	8.00	0.3150	28	1.1024	9.00	0.3543	0.012	0.394	1.024	1030	443	28.0	34.0	0.057
689	9.00	0.3543	17	0.6693	4.00	0.1575	0.008	0.421	0.598	300	150	36.0	43.0	0.007
689ZZVV	9.00	0.3543	17	0.6693	5.00	0.1969	0.008	0.417	0.606	300	150	36.0	43.0	0.009
609	9.00	0.3543	24	0.9449	7.00	0.2756	0.012	0.433	0.866	750	322	32.0	38.0	0.029
629	9.00	0.3543	26	1.0236	8.00	0.3150	0.024	0.453	0.945	1030	444	28.0	34.0	0.044

Lampiran 4. Pulley material dan koefisien gesek pulley

Belt material	Pulley material						
	Cost, iron stell			wood	Compressed paper	Leather face	Rubber face
	Dry	Wet	Greasy				
Leather oak tanned	0,25	0,2	0,15	0,3	0,33	0,38	0,40
Leather chrome tanned	0,35	0,32	0,22	0,4	0,45	0,48	0,50
Convass-stitched	0,20	0,15	0,12	0,23	0,25	0,27	0,30
Cotton woven	0,22	0,15	0,12	0,25	0,28	0,27	0,30
Rubber	0,30	0,18	-	0,32	0,35	0,40	0,42
Balata	0,32	0,20	-	0,35	0,38	0,40	0,42

Lampiran 5. Hasil yang didapat

