

Parts List				
26	Standoff-thick	12	ACRYLIC	
25	Standoff-thin	24	ACRYLIC	
24	Frame	4	ACRYLIC	
23	m3 bolt long	12		
22	M3-nut	12		
21	JGY-370Gearbox	2		
20	front plate	1	MDF	
19	Back Plate	1	MDF	
18	M5-nut-4mm	3		
17	m3 bolt	8		
16	m5-bolt-long	3		
15	side plate	2	MDF	
14	JGY-37012V DC Motor	2		
13	bottom plate	2	MDF	
12	Wheel	4	MDF	
11	M5 BOLT FLATTENED	4	STEEL	M002
10	Spur Gear22	8	ACRYLIC	
9	5m hex nut	12		
8	tail fin	4	MDF	
7	Tail	1		
6	6mm D SHAFT	4	STEEL	M001
5	Idler Gear	8	ACRYLIC	
4	JGY-370Output Shaft	2		
3	Sun gear	4	ACRYLIC	
2	SHAFT EXTENSION	2	STEEL	M003
1	M5-washer	28		
ITEM	DESCRIPTION	Qty.	MATERIAL	Nr.

**STELLENBOSCH UNIVERSITY**

DRAWN BY RG WELLS

**CHECKED**

**SCALE ON A3 1:4**

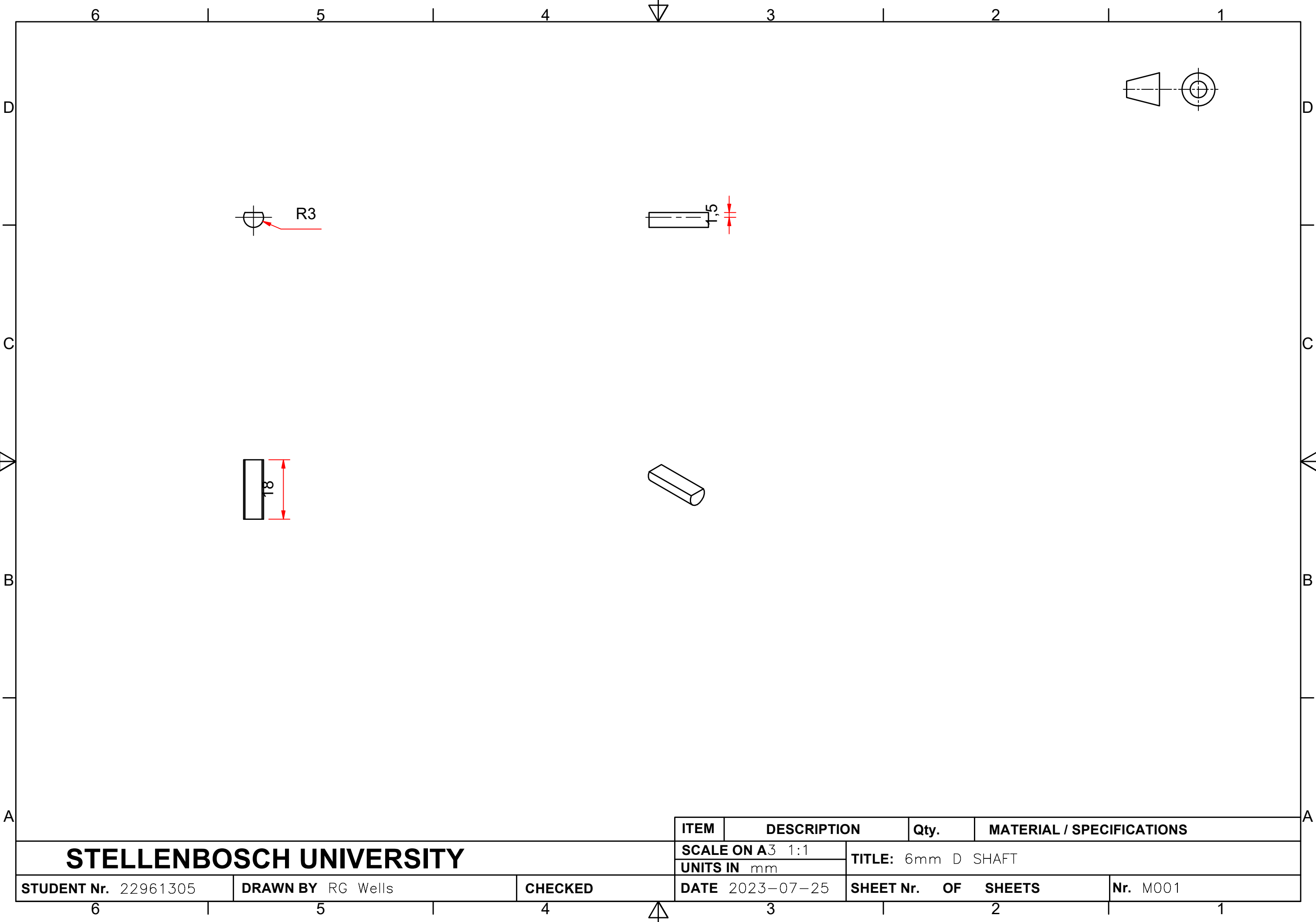
**UNITS IN** mm

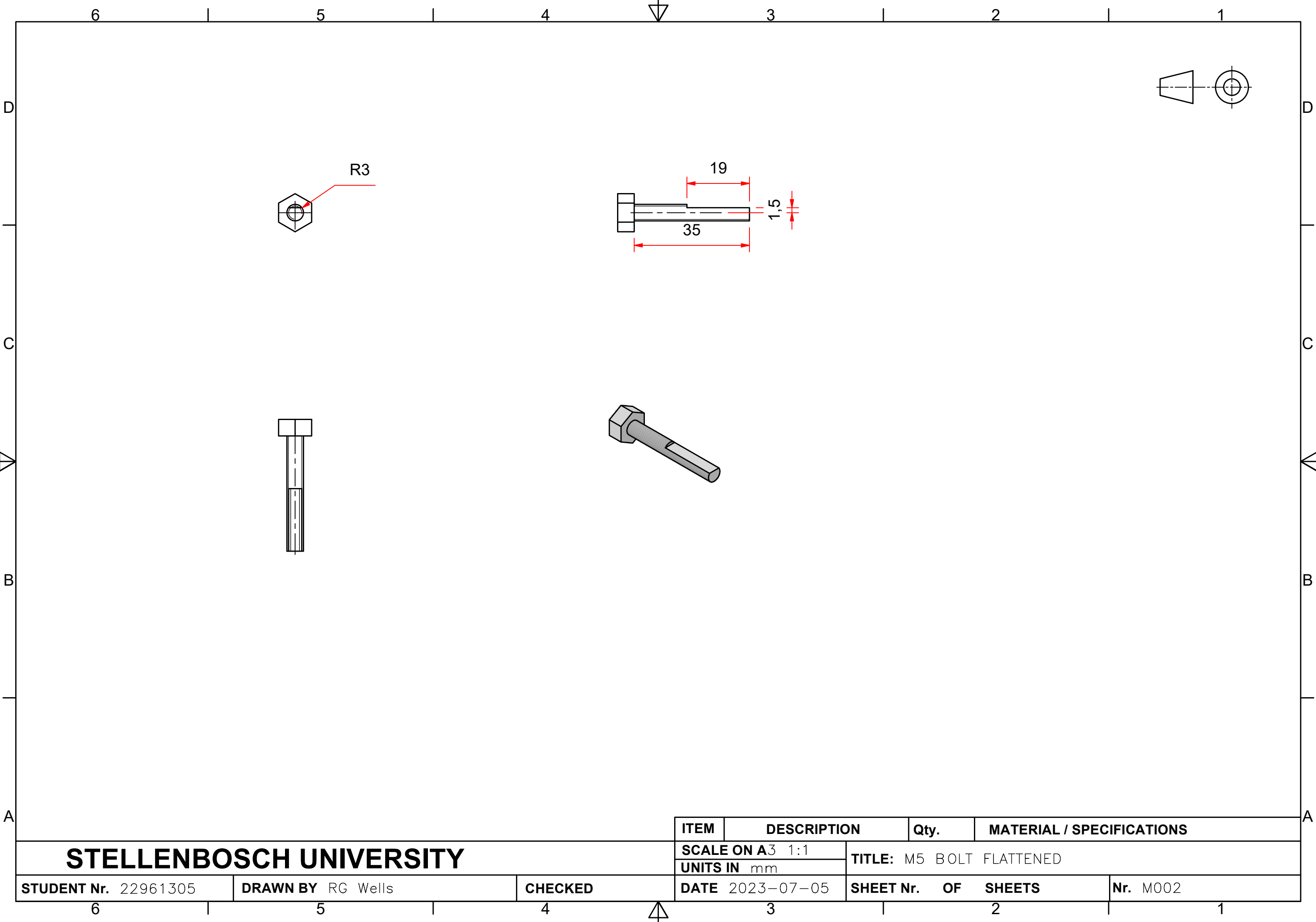
DATE 2023-07-30

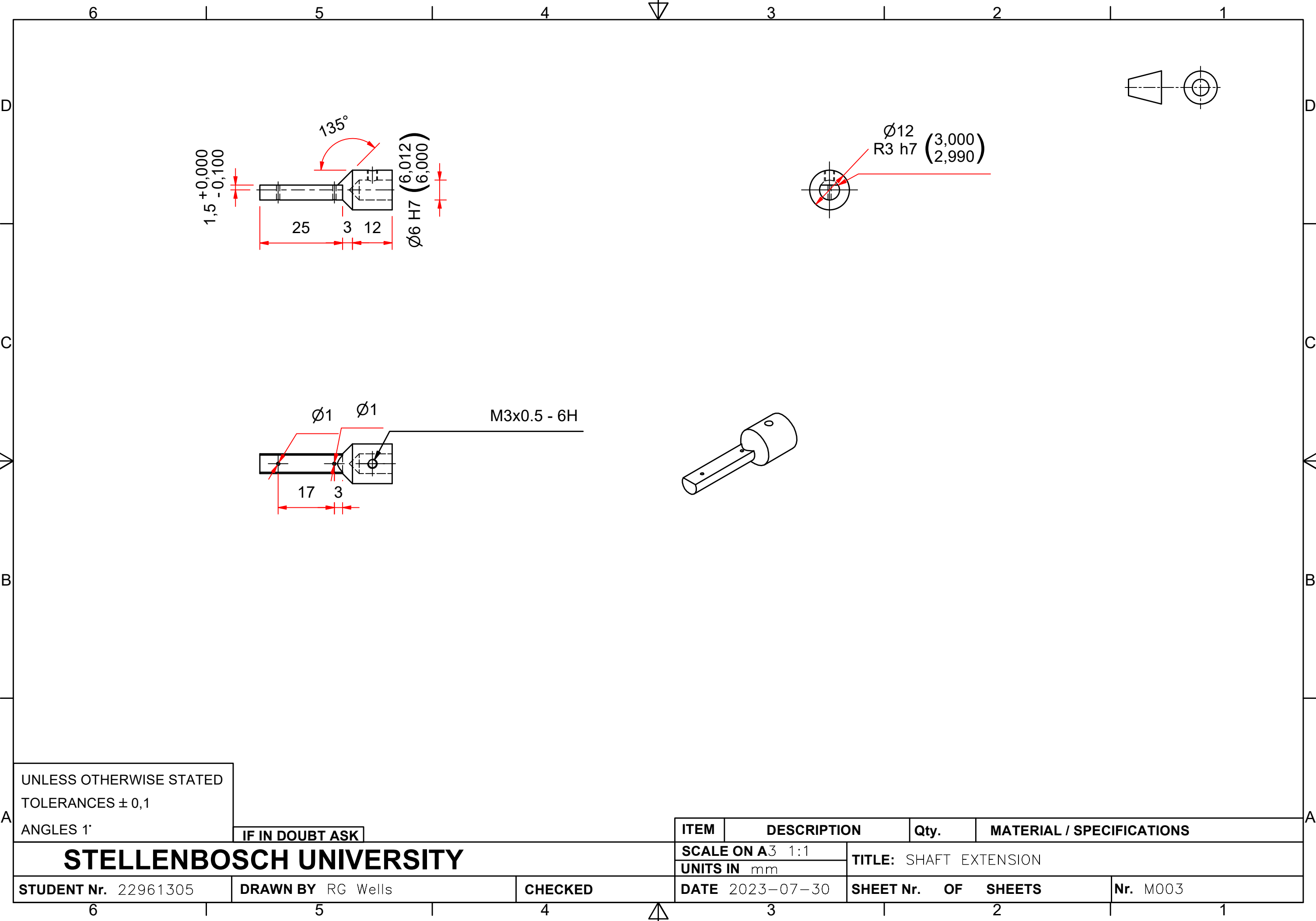
**TITLE:** STAIR CLIMBER

<b>SHEET Nr.</b>	<b>OF</b>	<b>SHEETS</b>
------------------	-----------	---------------

Nr.	A001
-----	------







UNLESS OTHERWISE STATED  
TOLERANCES  $\pm 0,1$   
ANGLES 1°

IF IN DOUBT ASK

ITEM	DESCRIPTION	Qty.	MATERIAL / SPECIFICATIONS	
SCALE ON A3 1:1		TITLE: SHAFT EXTENSION		
UNITS IN mm				
DATE 2023-07-30		SHEET Nr. OF SHEETS		Nr. M003

STELLENBOSCH UNIVERSITY