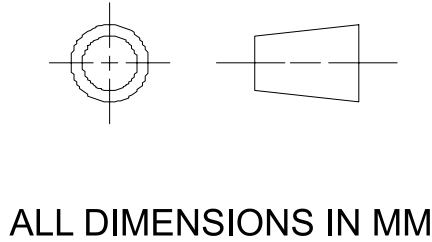


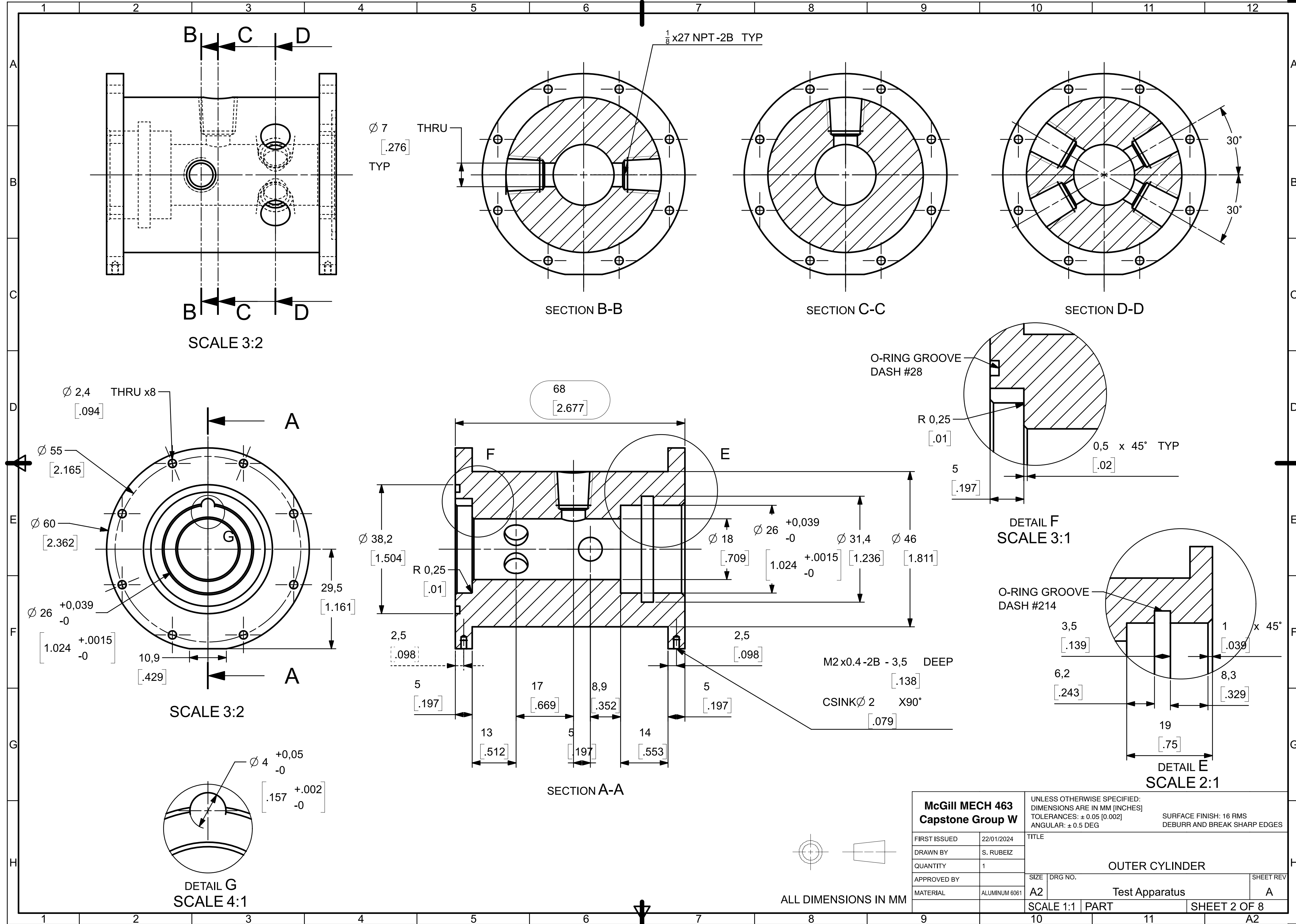
#	PART NAME	QTY	MATERIAL	NOTES
1	Outer Cylinder	1	ALUMINUM	
2	Inner Cylinder	1	ALUMINUM	
3	Nozzle	1	ALUMINUM	
4	Window Support	1	ALUMINUM	
5	Window DxW 1x1/2"	1	QUARTZ	
6	M2x12	16	STEEL	
7	M2 Hex	17	STEEL	
8	O-Ring 2-224	1	RUBBER	
9	O-Ring 2-028	1	RUBBER	
10	O-Ring 2-015	1	RUBBER	
11	Alignment Pin	1	BRASS	
12	Gasket	2	RUBBER	
13	M4x6	4	STEEL	
14	Base Plate	1	ALUMINUM	
15	M2x6	2	STEEL	
16	Carriage	1	-	
17	Rail	1	-	
18	Stand	1	ALUMINUM	
19	M2x20	1	STEEL	
20	Bracket	1	3D PRINTED	
21	Load Cell	1	-	
22	1/8x1/2" Shoulder Bolt	1	STEEL	
23	Bearing Pulley	1	-	
24	5-40 Hex	1	STEEL	

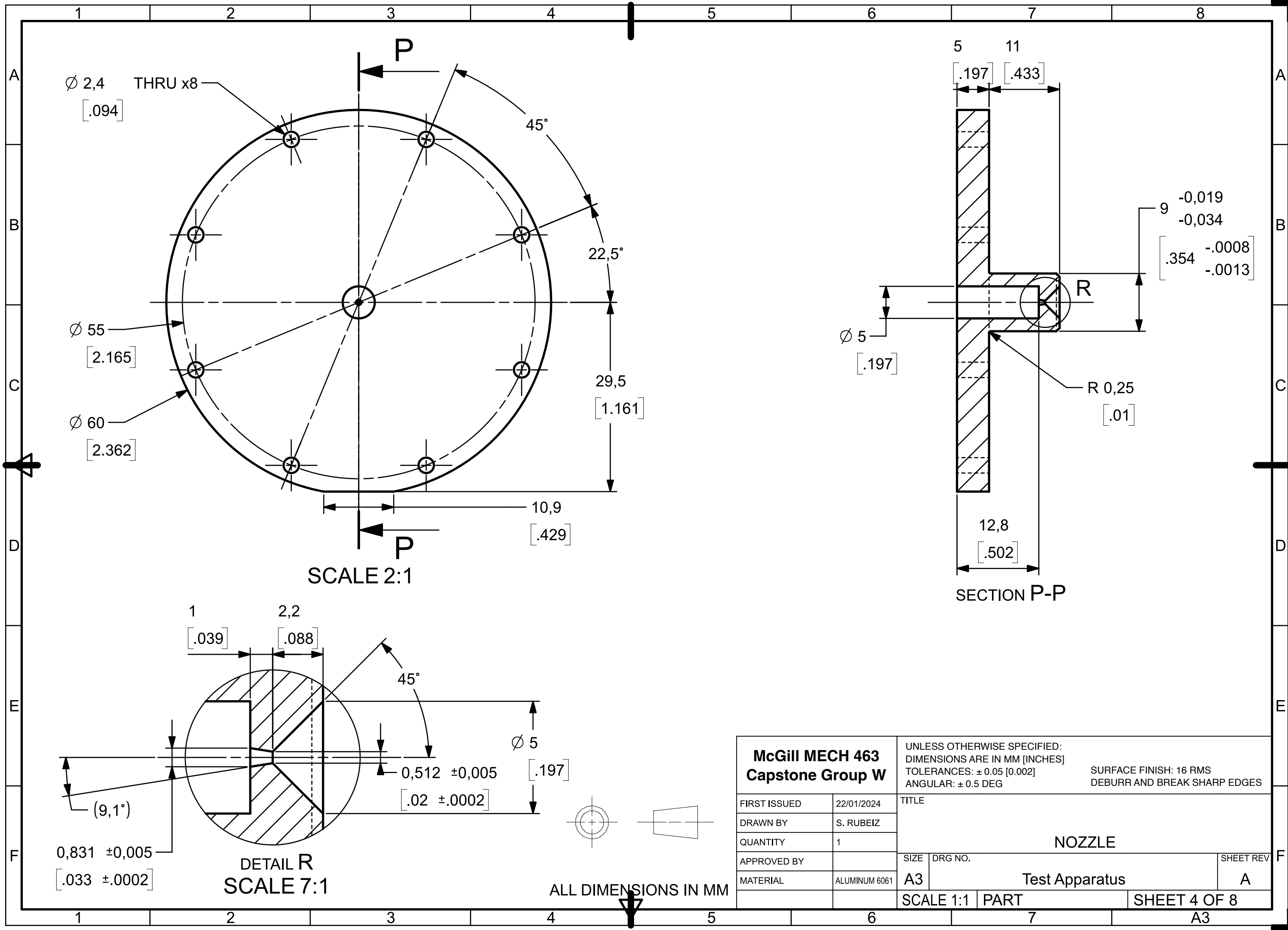
SCALE 1:1



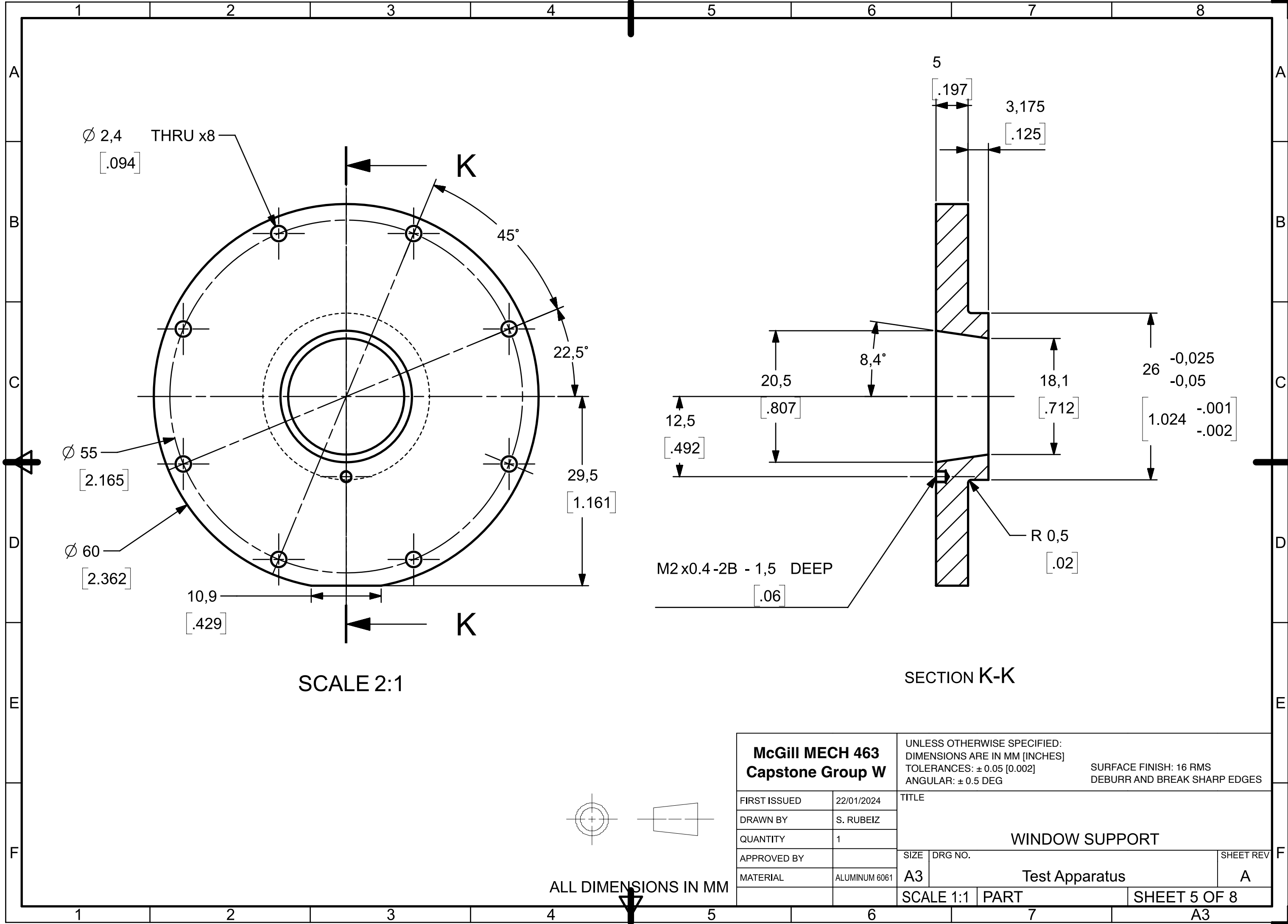
ALL DIMENSIONS IN MM

McGill MECH 463 Capstone Group W		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM [INCHES] TOLERANCES: ± 0.05 [0.002] ANGULAR: ± 0.5 DEG				SURFACE FINISH: 16 RMS DEBURR AND BREAK SHARP EDGES	
FIRST ISSUED	22/01/2024	TITLE TEST APPARATUS					
DRAWN BY	S. RUBEIZ						
QUANTITY	1						
APPROVED BY		SIZE	DRG NO.				SHEET REV
		A2	Test Apparatus				A
		SCALE 1:1	ASSEMBLY			SHEET 1 OF 8	





<div>McGill MECH 463</div> <div>Capstone Group W</div>		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM [INCHES] TOLERANCES: ± 0.05 [0.002] ANGULAR: ± 0.5 DEG					SURFACE FINISH: 16 RMS DEBURR AND BREAK SHARP EDGES	
FIRST ISSUED	22/01/2024	TITLE <div>NOZZLE</div>						
DRAWN BY	S. RUBEIZ							
QUANTITY	1							
APPROVED BY		SIZE	DRG NO.					SHEET REV
MATERIAL	ALUMINUM 6061	A3	Test Apparatus					A
		SCALE 1:1		PART			SHEET 4 OF 8	



0,25 x 45° TYP

[.01]

J

Ø 4

-0,03

-0,075

.157

-.0012

-.003

J

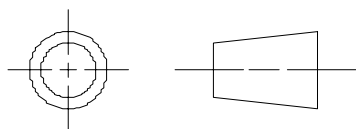
5

[.197]

M2 x0.4 -2B THRU

SECTION J-J

SCALE 10:1



ALL DIMENSIONS IN MM

McGill MECH 463
Capstone Group W

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MM [INCHES]
TOLERANCES: ± 0.05 [0.002]
ANGULAR: ± 0.5 DEG

SURFACE FINISH: 16 RMS
DEBURR AND BREAK SHARP EDGES

FIRST ISSUED	22/01/2024
DRAWN BY	S. RUBEIZ
QUANTITY	1
APPROVED BY	
MATERIAL	BRASS

TITLE			
ALIGNMENT PIN			
SIZE	DRG NO.		SHEET REV
A4	Test Apparatus		A
SCALE 1:1	PART	SHEET 8 OF 8	