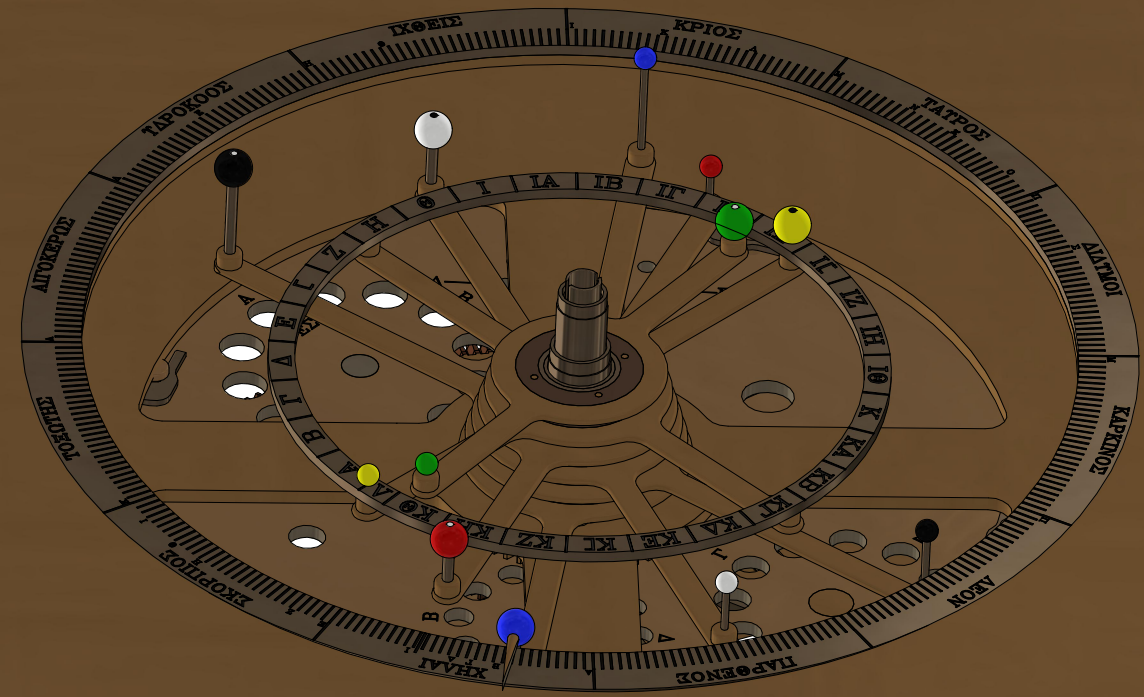
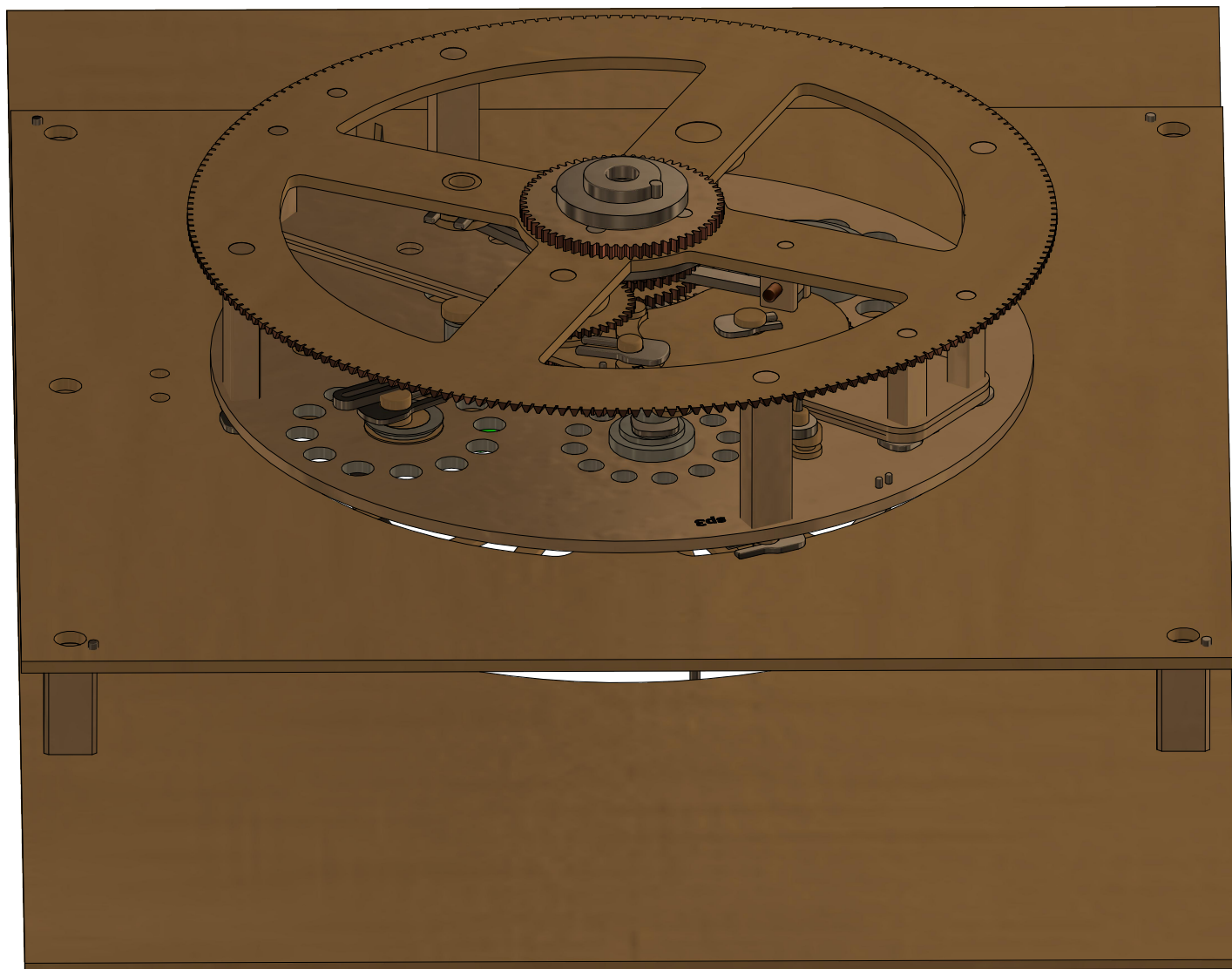


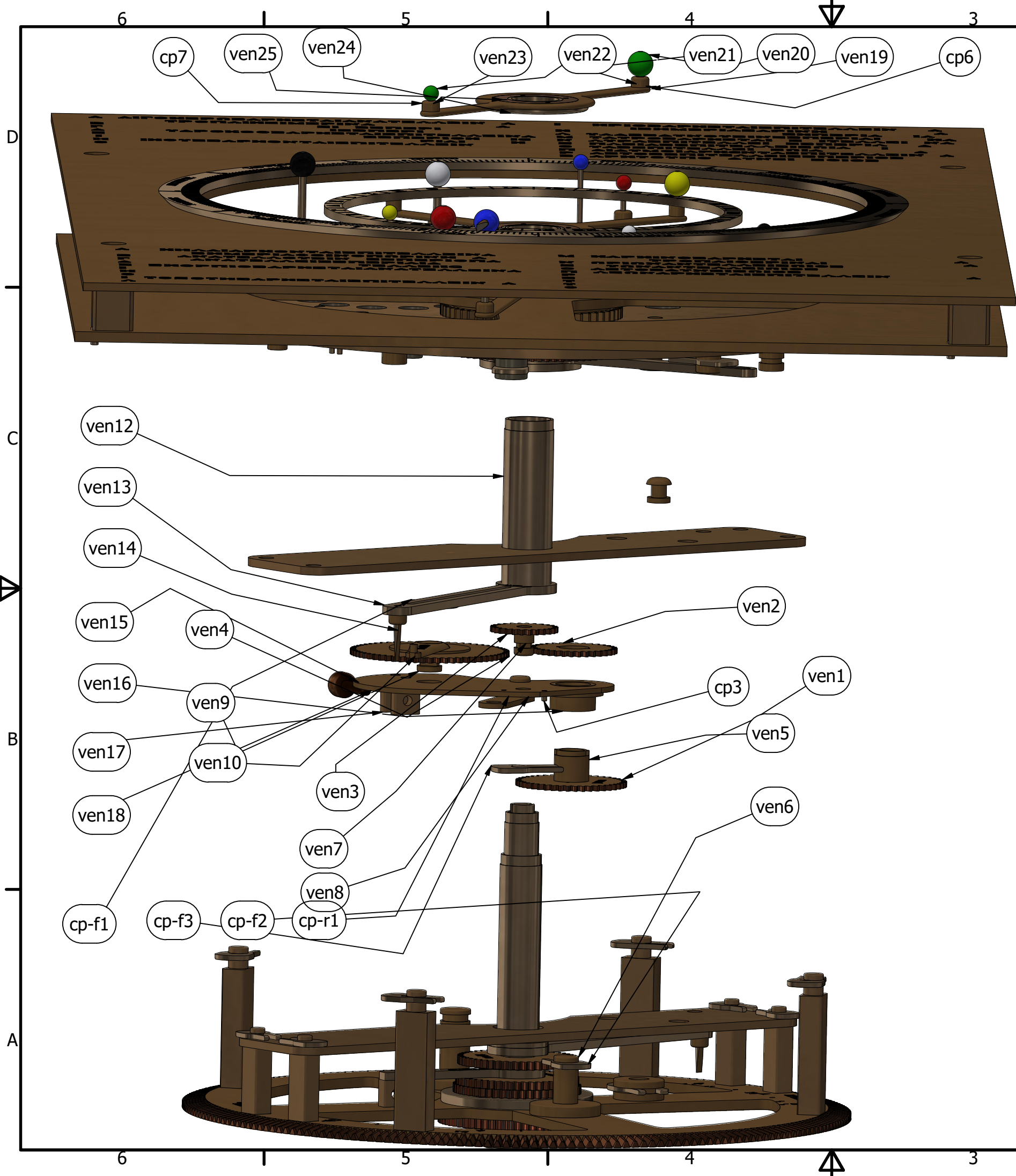
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Β ΕΙ ΕΣΠΕΡΙ ΕΧΙΠΕΡΙΑ ΙΑ
Γ ΙΕΣΠΕΡΙ ΚΑ
Δ ΤΑ ΔΕ ΣΑΤΝΟΤΣΙΝ ΕΣΠΕΡΙΑΙ ΚΑ
Ε ΤΑ ΤΡΟΣ ΑΡΧΕΤΑΙ Ε ΙΤΕΛΛΕΙ ΝΑ
Ι ΕΣΠΕΡΙΟΧ ΙC Ν ΔΥΤΡΑ ΕΠΙΤΕΛΛΕΙ ΕΣΠΕΡΙΑ Δ
Η ΡΙΑΙ Χ Ζ ΠΛΕΙΑΣ ΕΠΙΤΕΛΛΕΙ ΕΩΙΑ Ι
Θ ΙΧΘΕΤΣ ΑΡΧΟΝΤΑΙ ΕΠΙΤΕΛΛΕΙΝ Ο ΤΑΣ ΕΠΙΤΕΛΛΕΙ ΕΩΙΑ Δ
Π ΔΙΔΤΜΟΙ ΑΡΧΟΝΤΑΙ ΕΠΙΤΕΛΛΕΙΝ Α
Ρ ΑΕΤΟΣ ΕΠΙΤΕΛΛΕΙ ΕΣΠΕΡΙΟΣ
Σ ΑΡΚΤΟΤΥΠΟ ΔΤΝΕΙ ΕΩΙΟΣ



Α ΧΗΛΑΙΑ ΑΡΧΟΝΤΑΙ ΕΠΙΤΕΛΛΕΙΝΑ Μ ΚΑΡΚΙΝΟΣ ΑΡΧΕΤΑΙ Α
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Β ΑΝΑΤΕΛΛΟΥΤΣΙΝ ΕΣΠΕΡΙΟΠΑ Ν ΟΡΙΩΝ ΑΝΤΕΛΛΕΙ ΕΩΙΟΣ Α
Γ ΑΝΑΤΕΛΛΕΙ ΕΣΠΕΡΙΑΙΔ Ζ ΤΩΝ ΑΝΤΕΛΛΕΙ ΕΩΙΟΣ
Δ ΤΕΛΛΕΙC Ο ΑΕΤΟΣ ΔΥΤΝΕΙ ΕΩΙΟΣ
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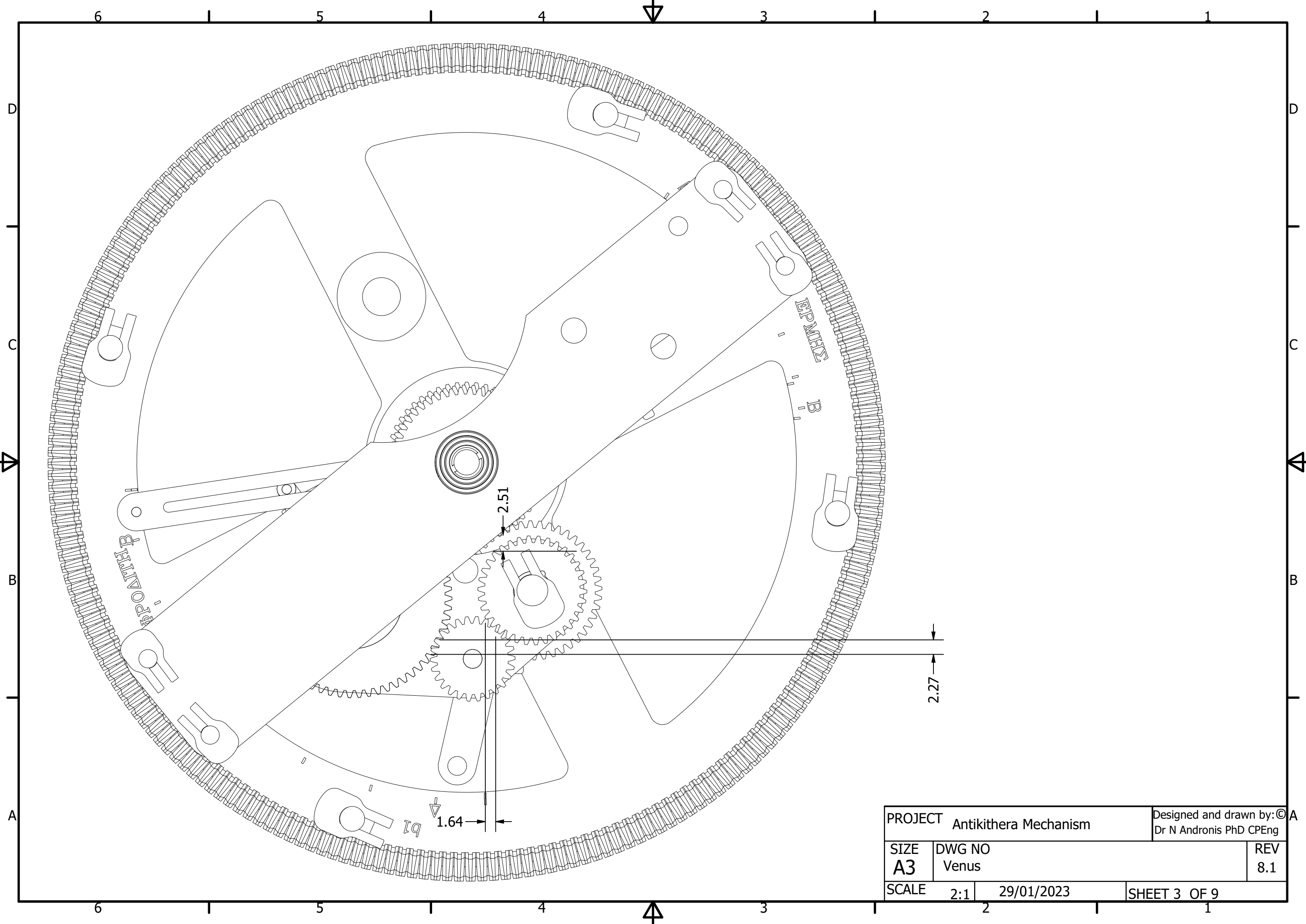


PROJECT Antikythera Mechanism		Designed and drawn by: © A Dr N Andronis PhD CPEng	
SIZE A3	DWG NO Venus (assembly)	REV 8.1	
SCALE 1: 1	29/01/2023	SHEET 1 OF 9	

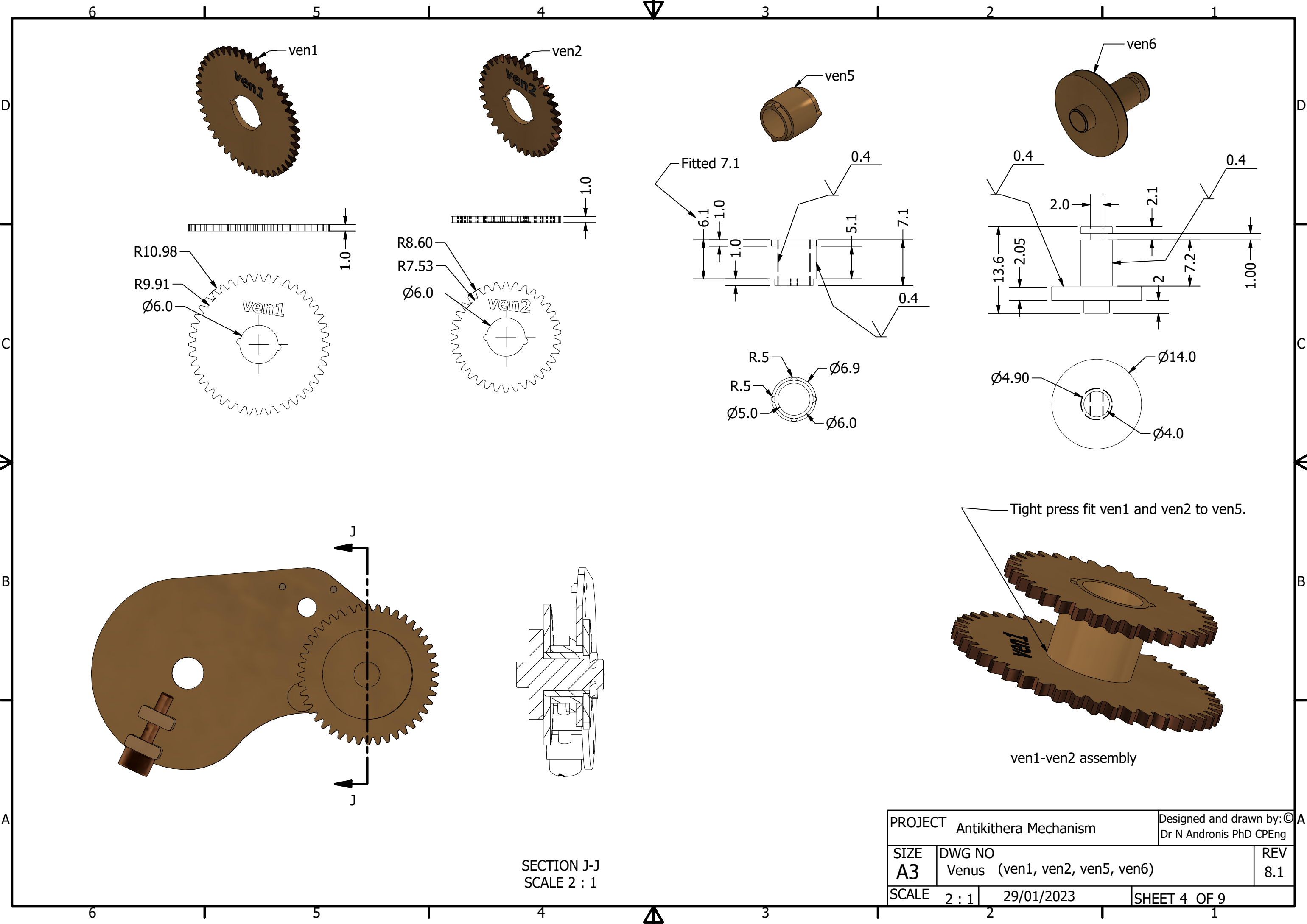


PARTS LIST			
ITEM	QTY	FILE NAME	MATERIAL
ven1	1	ven1.ipt	Bronze
ven2	1	ven2.ipt	Bronze
ven3	1	ven3.ipt	Bronze
ven4	1	ven4.ipt	Bronze
ven5	1	ven1 ven2 axle.ipt	Bronze
ven6	1	ven1 axle.ipt	Bronze
ven7	1	ven3 pin disk axle.ipt	Bronze
ven8	1	ven1 ven2 latch.ipt	Bronze
ven9	1	ven4 pin disk axle.ipt	Bronze
ven10	1	ven4 pin disk.ipt	Bronze
ven12	1	Venus Axle.ipt	Bronze
ven13	1	Venus Slot.ipt	Bronze
ven14	1	Venus phase pointer.ipt	Bronze
ven15	1	venus axle plate.ipt	Bronze
ven16	1	ven1 ven2 axle outer.ipt	Bronze
ven17	2	Venus post.ipt	Bronze
ven18	1	Venus pin.ipt	Copper
ven19	1	Venus pointer base top.ipt	Bronze
ven20	1	Venus Pointer Orb.ipt	Bronze
ven21	1	Venus pointer pin.ipt	Bronze
ven22	1	Venus Pointer Orb small.ipt	Bronze
ven23	1	Venus pointer pin short.ipt	Bronze
ven24	1	Venus pointer axle bottom.ipt	Bronze
ven25	1	Venus pointer axle top.ipt	Bronze
cp-r1	1	CP Rivet 2D 2L.ipt	Bronze
cp-f1	1	CP Fork 1.5W 3D 5L 6T.ipt	Bronze
cp-f2	1	CP Fork 2W 4D 6L 7T.ipt	Bronze
cp-f3	1	CP Fork 2W 4D 8L 7T.ipt	Bronze
cp3	2	CP Pointer stopper.ipt	Bronze
cp6	1	CP Orb base large.ipt	Bronze
cp7	1	CP Orb base small.ipt	Bronze
	33	Total parts to manufacture	

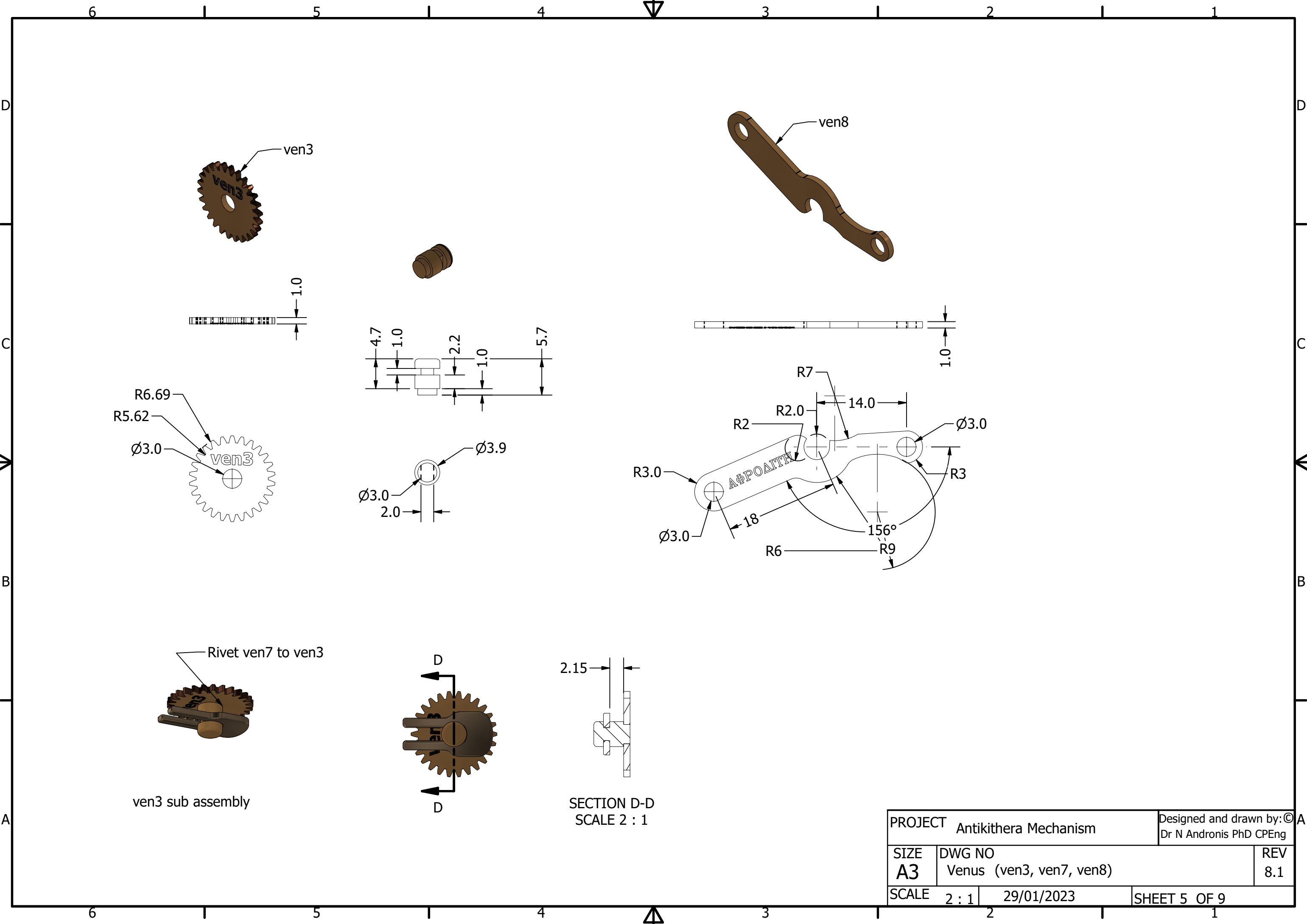
PROJECT Antikithera Mechanism		Designed and drawn by: © A Dr N Andronis PhD CPEng	
SIZE A3	DWG NO Venus (parts list)	REV 8.1	
SCALE 1.25: 1	29/01/2023	SHEET 2 OF 9	



PROJECT Antikithera Mechanism		Designed and drawn by: © Dr N Andronis PhD CPEng	
SIZE A3	DWG NO Venus		REV 8.1
SCALE 2:1	29/01/2023	SHEET 3 OF 9	



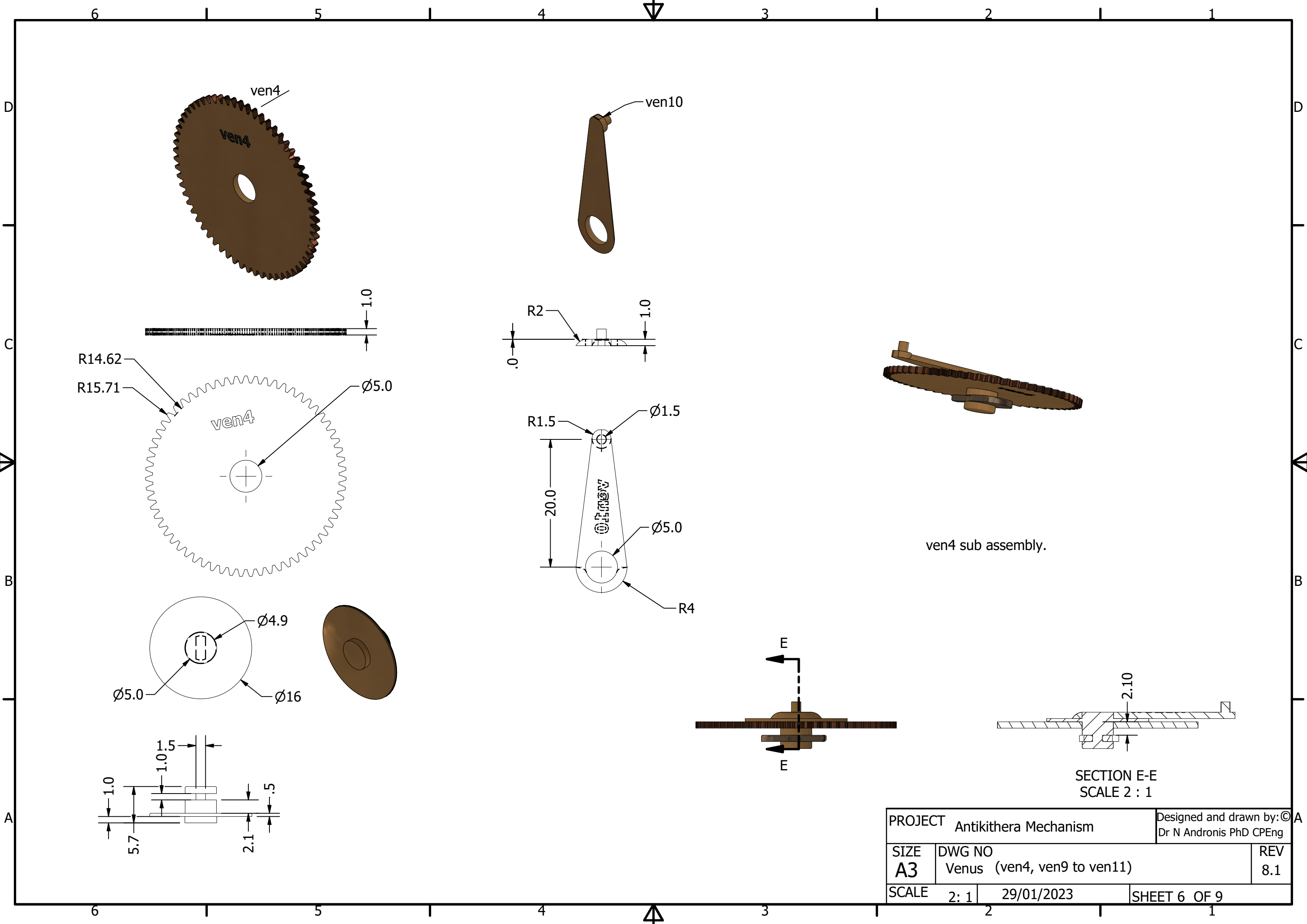
PROJECT Antikithera Mechanism		Designed and drawn by: © A Dr N Andronis PhD CPEng	
SIZE A3	DWG NO Venus (ven1, ven2, ven5, ven6)		REV 8.1
SCALE 2 : 1	29/01/2023	SHEET 4 OF 9	



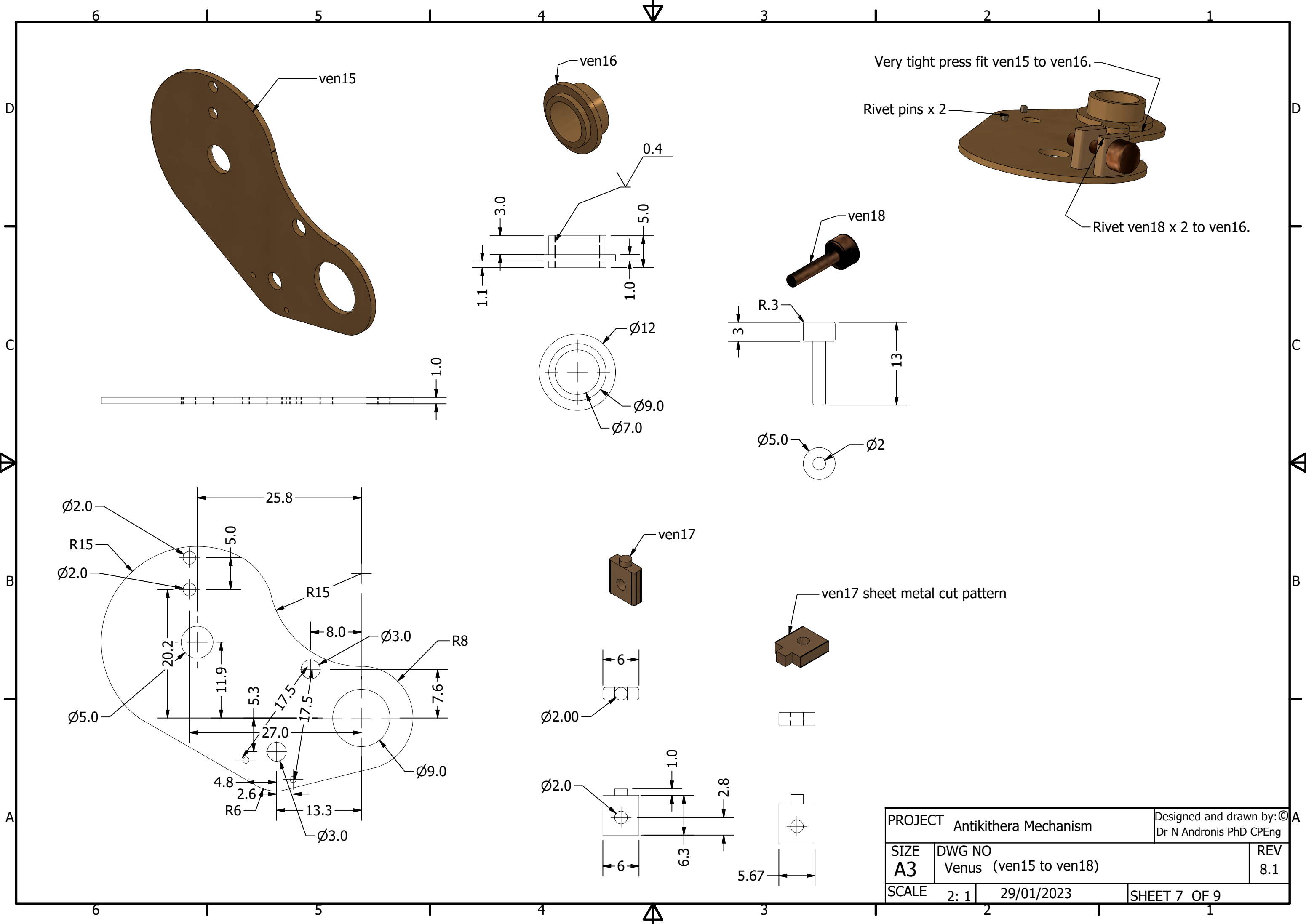
ven3 sub assembly

SECTION D-D
SCALE 2 : 1

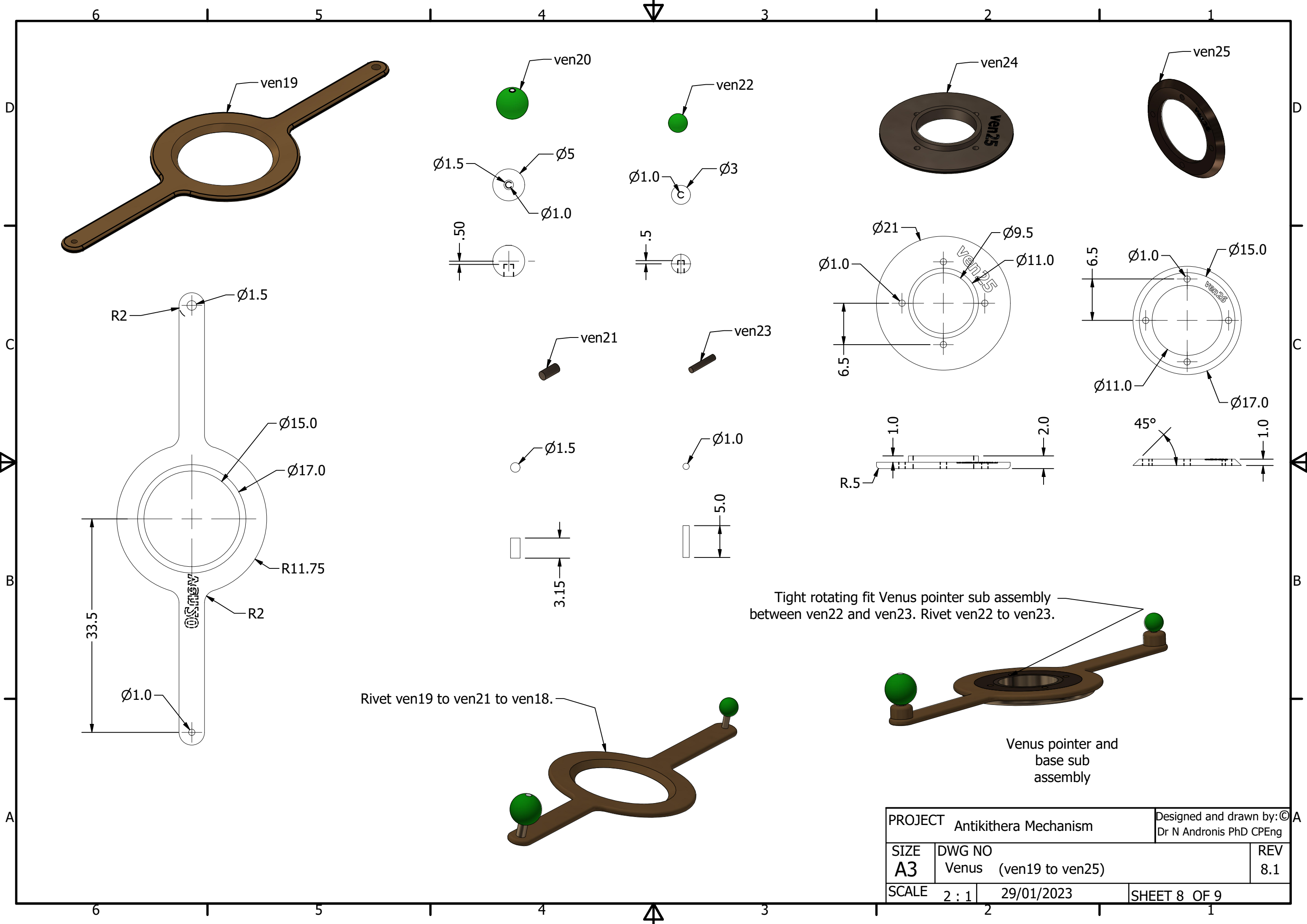
PROJECT Antikithera Mechanism		Designed and drawn by: © A Dr N Andronis PhD CPEng	
SIZE A3	DWG NO Venus (ven3, ven7, ven8)		REV 8.1
SCALE 2 : 1	29/01/2023	SHEET 5 OF 9	



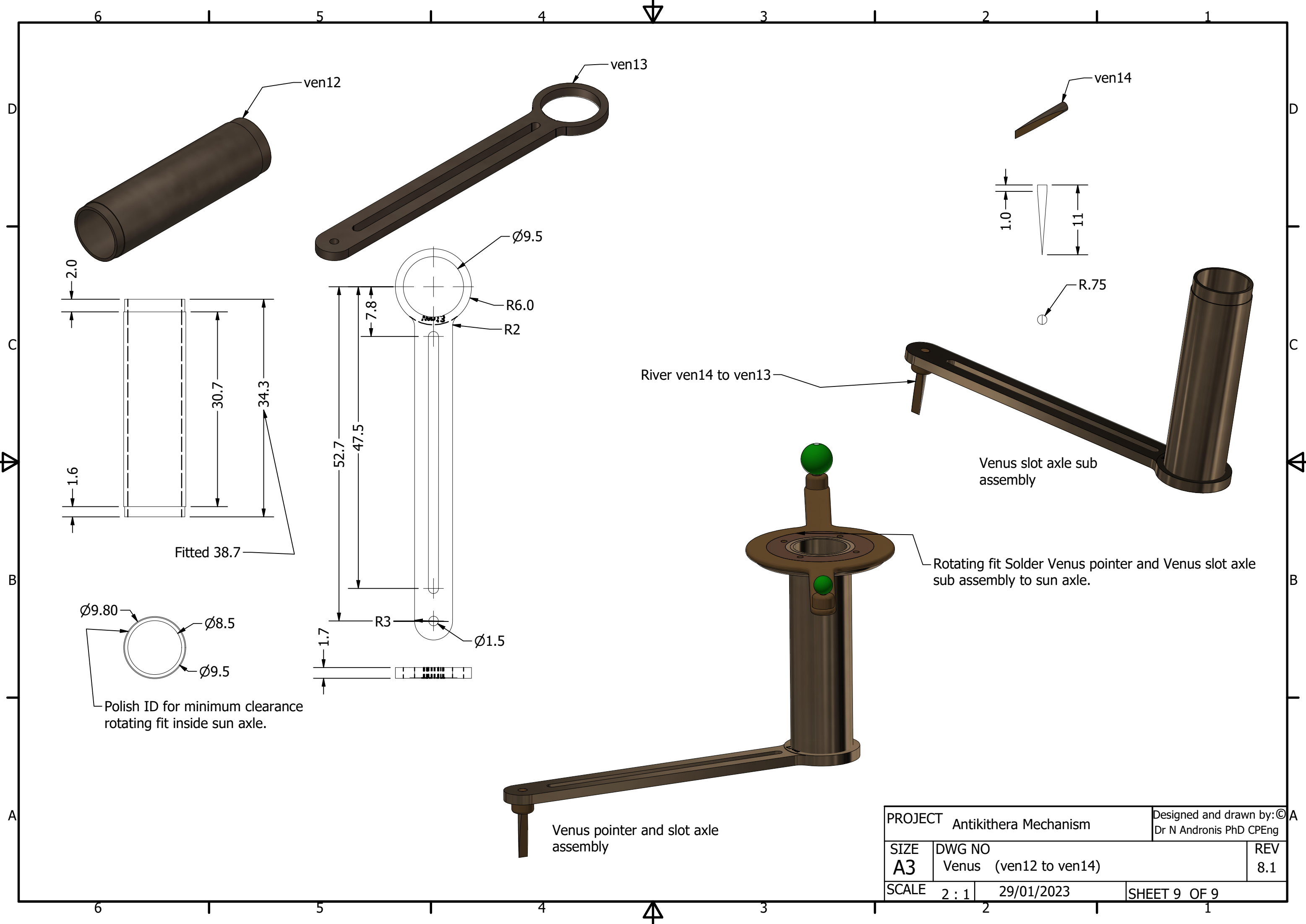
PROJECT Antikithera Mechanism		Designed and drawn by: © A Dr N Andronis PhD CPEng	
SIZE A3	DWG NO Venus (ven4, ven9 to ven11)		REV 8.1
SCALE 2: 1	29/01/2023	SHEET 6 OF 9	



PROJECT Antikithera Mechanism		Designed and drawn by: © A Dr N Andronis PhD CPEng	
SIZE A3	DWG NO Venus (ven15 to ven18)		REV 8.1
SCALE 2: 1	29/01/2023	SHEET 7 OF 9	



PROJECT		Antikithera Mechanism		Designed and drawn by: © A	
SIZE		DWG NO		REV	
A3		Venus (ven19 to ven25)		8.1	
SCALE		29/01/2023		SHEET 8 OF 9	
2 : 1					



Venus pointer and slot axle assembly

Venus slot axle sub assembly

Rotating fit Solder Venus pointer and Venus slot axle sub assembly to sun axle.

PROJECT Antikithera Mechanism		Designed and drawn by: © A Dr N Andronis PhD CPEng	
SIZE A3	DWG NO Venus (ven12 to ven14)		REV 8.1
SCALE 2 : 1	29/01/2023	SHEET 9 OF 9	