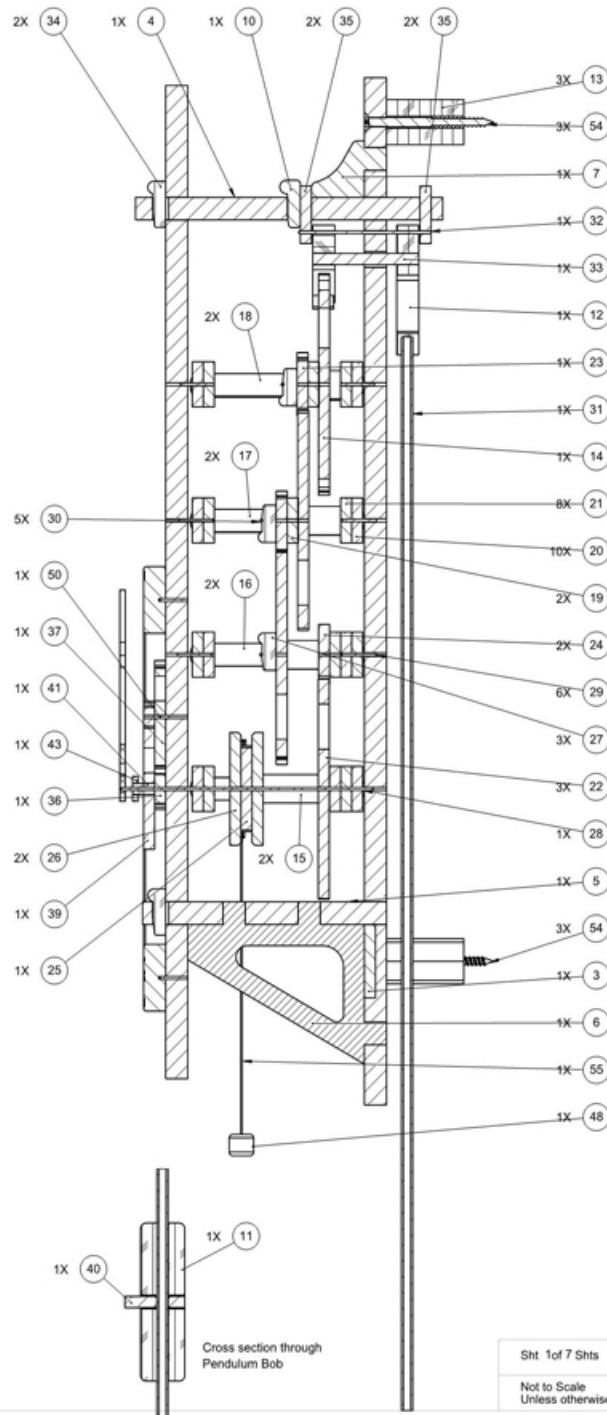
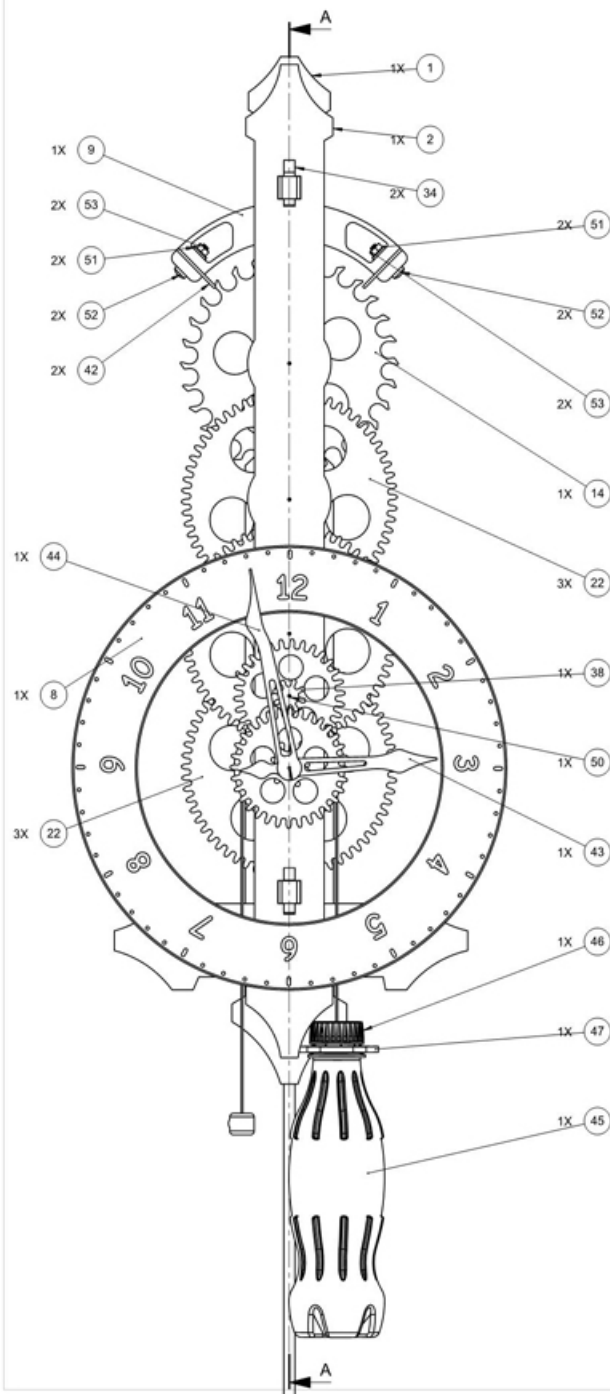




ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Clock 25 Back Frame	Wood 1/2" thk	1
2	Clock 25 Front Frame	Wood 1/2" thk	1
3	Clock 25 Cross Frame	Wood 1/2" thk	1
4	Clock 25 Frame Spacer	Wood 1/2" thk	1
5	Clock 25 Frame Spacer-Bottom	Wood 1/2" thk	1
6	Clock 25 Brace Large	Wood 1/2" thk	1
7	Clock 25 Top Brace	Wood 1/2" thk	1
8	Clock 25 Dial	Wood 1/2" thk	1
9	Clock 25 Escapement	Wood 1/2" thk	1
10	Clock 25 Hanger Wedge	Wood 1/2" thk	1
11	Clock 25-Pendulum Bob	Wood 1/2" thk	1
12	Clock 25 Pendulum Head	Wood 1/2" thk	1
13	Clock 25 Wall Spacer	Wood 1/2" thk	3
14	Clock 25 Escape wheel	Wood 1/4" thk	1
15	Clock 25 Shaft 1 Side	Wood 1/4" thk	2
16	Clock 25 Shaft 2 Side	Wood 1/4" thk	2
17	Clock 25 Shaft 3 Side	Wood 1/4" thk	2
18	Clock 25 Shaft 4 Side	Wood 1/4" thk	2
19	Clock 25 Shaft 3 Disk Spacer	Wood 1/4" thk	2
20	Clock 25 Shaft Disk	Wood 1/4" thk	10
21	Clock 25 Disk-inner	Wood 1/4" thk	8
22	Clock 25 Gear 60 Teeth	Wood 1/4" thk	3
23	Clock 25 Gear 16 Teeth	Wood 1/4" thk	1
24	Clock 25 Gear 15 Teeth	Wood 1/4" thk	2
25	Clock 25 Drum Centre	Wood 1/4" thk	1
26	Clock 25 Drum side	Wood 1/4" thk	2
27	Clock 25 Shaft Wedge	Wood 1/8" thk	3
28	Clock 25 Shaft 1 Pivot	1/16" Steel x 5.7"	1
29	Clock 25 Shaft Pivot	1/16" Steel x 0.77"	6
30	Clock 25 Wedge Pin	1/16" Steel x 0.625"	5
31	Clock 25 Pendulum Rod	Carbon Fibre 1/4" x 48"	1
32	Clock 25 Escapement Pivot	1/16" Steel x 3"	1
33	Clock 25 Pendulum drive	Wood 1/4" thk	1
34	Clock 25 Frame Wedge	Wood 1/4" thk	2
35	Clock 25 Pendulum Hanger	Wood 1/4" thk	2
36	Clock 25 Gears 10 Teeth	Wood 1/4" thk	1
37	Clock 25 Hour Gear 30 Teeth	Wood 1/4" thk	1
38	Clock 25 Hour Gear 8 Teeth	Wood 1/4" thk	1
39	Clock 25 Hour Gear 32 Teeth	Wood 1/4" thk	1
40	Clock 25-Pendulum Lock	Wood 1/4" thk	1
41	Clock 25 Hour Tube	Wood 1/4" diameter	1
42	Clock 25 Pallet	Plastic 1/16" Thk	2
43	Clock 25 Hour Hand	Plastic 1/8" Thk	1
44	Clock 25 Minute Hand	Plastic 1/8" Thk	1
45	Coke Bottle	20 oz for main weight	1
46	Coke Closure	-	1
47	Clock 25 Bottle Hanger	1/8" Wood	1
48	Counter Weight	1/2 oz of anything	1
50	Clock 25 Hour Gear Pivot	1/6" Steel rod or AWG 14	1
51	M6 Washer	Or 1/4" Brass	2
52	Screw PAN H_M4 x 0-7_10	Or inch equivalent	2
53	nut_din934_m4-6	Or inch equivalent	2
54	Woodscrew_No4_5x60	Brass	3
55	Clock 19-Weight Cord	Ø1.2mm cord x 2mtrs	1

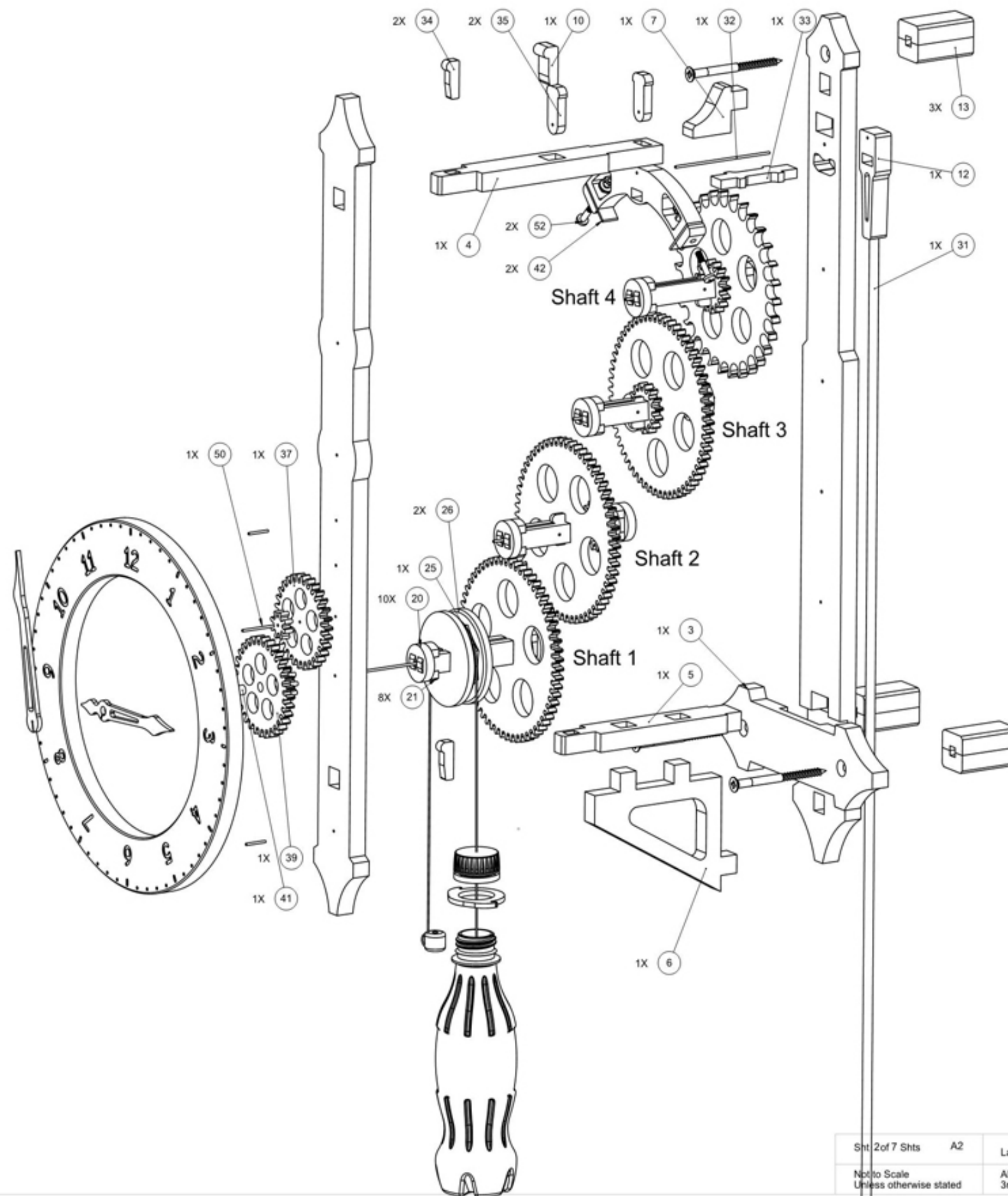
Sht 1 of 7 Shts A2

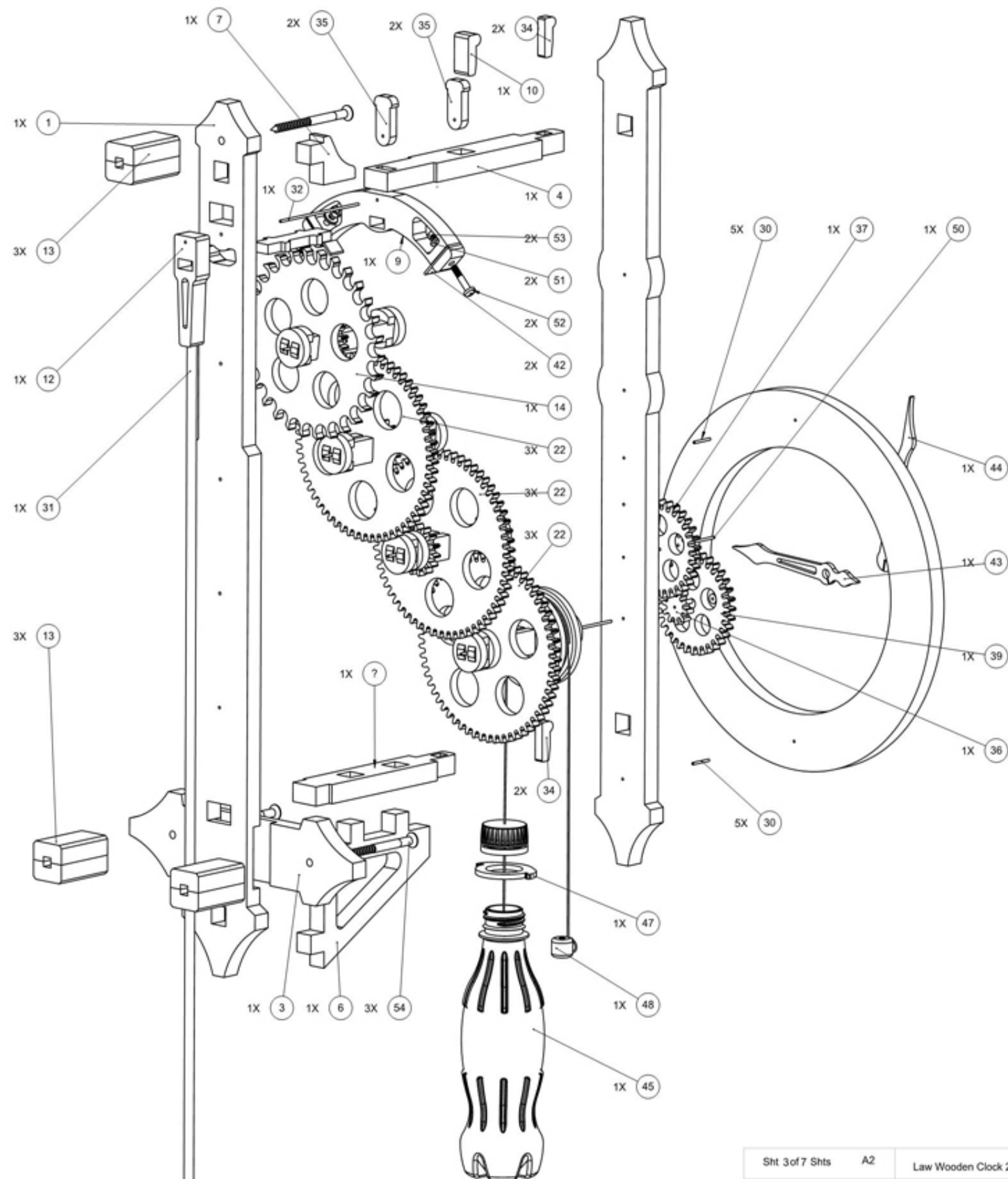
Law Wooden Clock 25 - Beginners Clock

Not to Scale
Unless otherwise stated

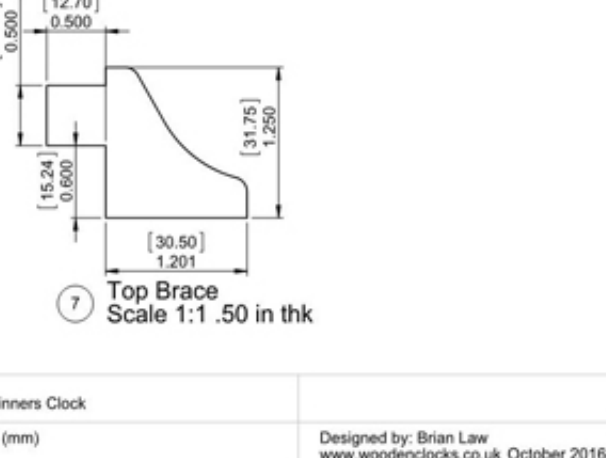
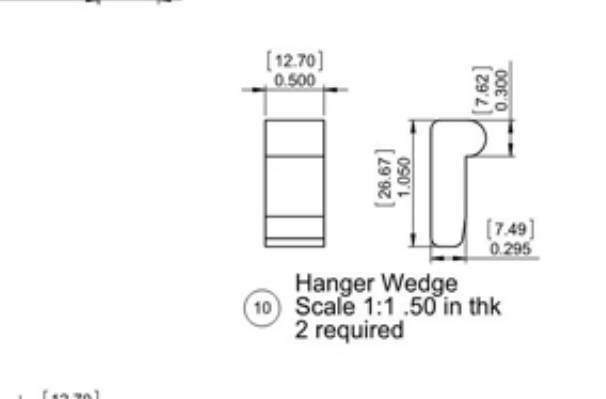
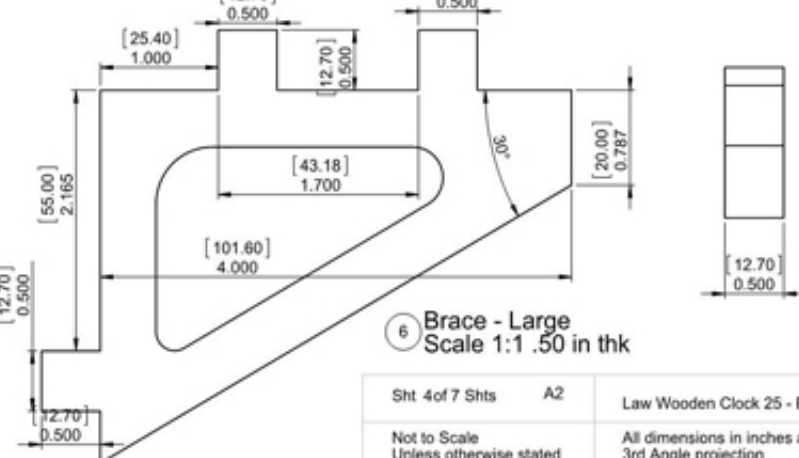
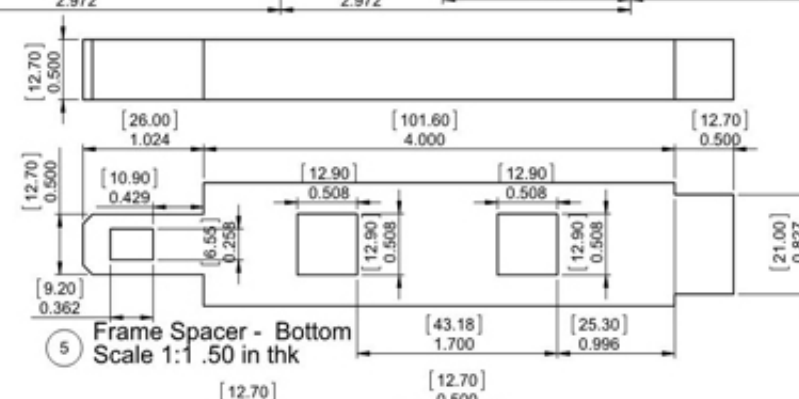
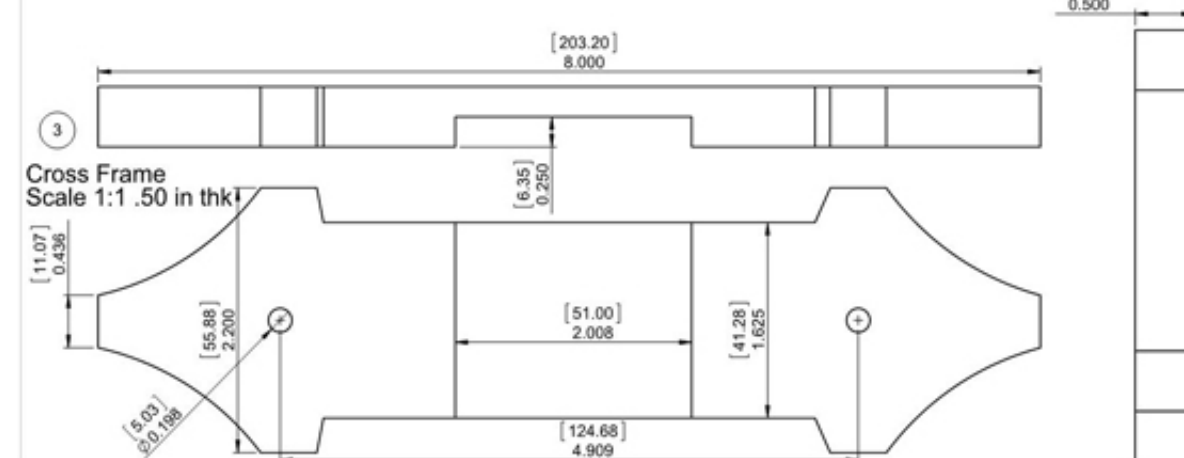
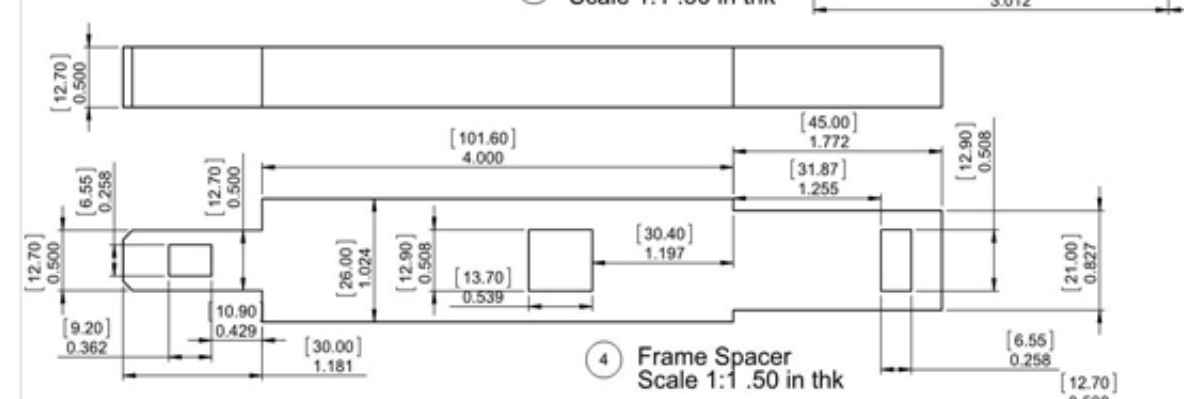
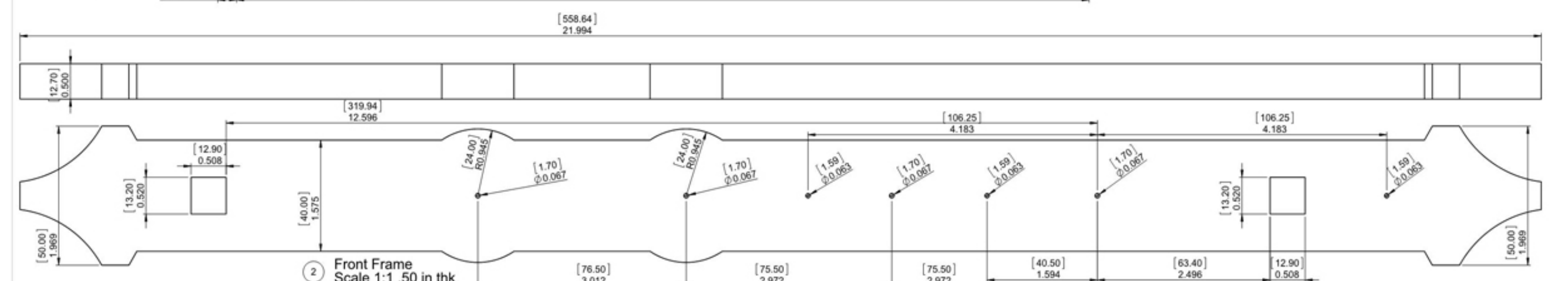
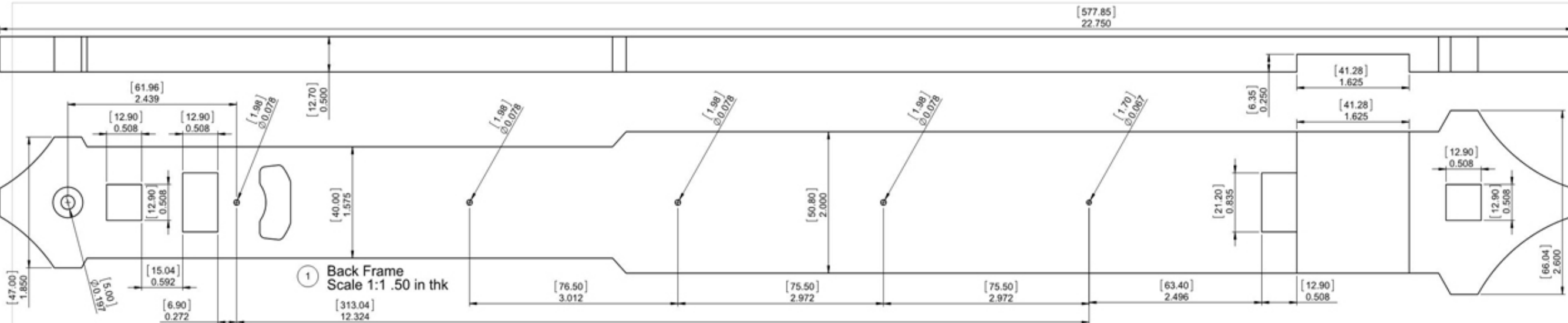
All dimensions in inches and (mm)
3rd Angle projection

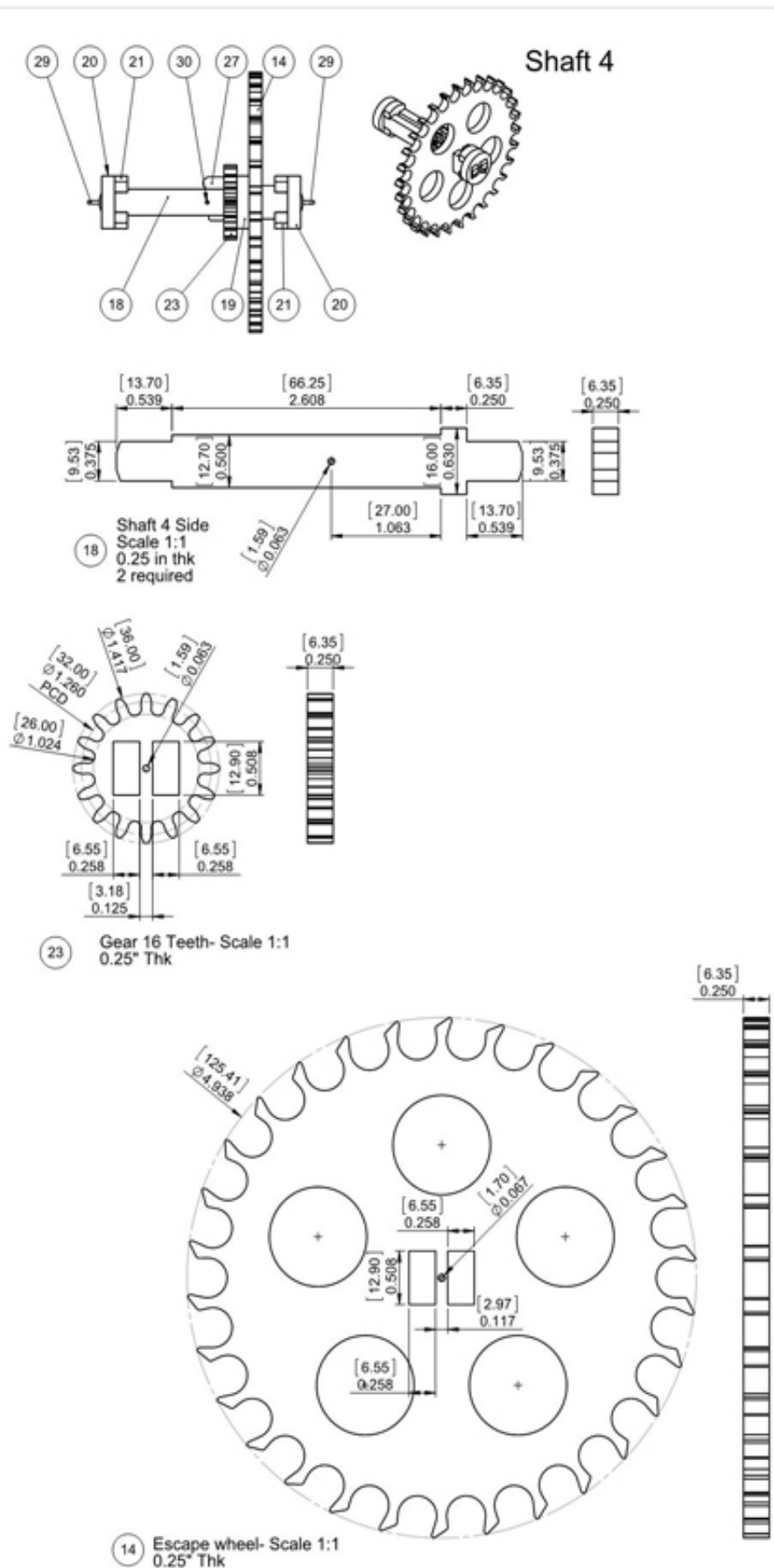
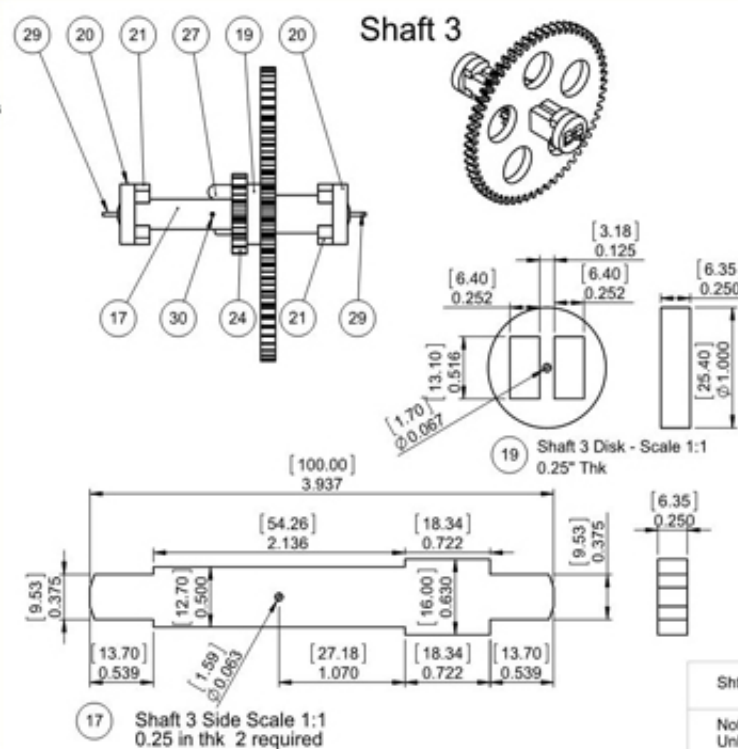
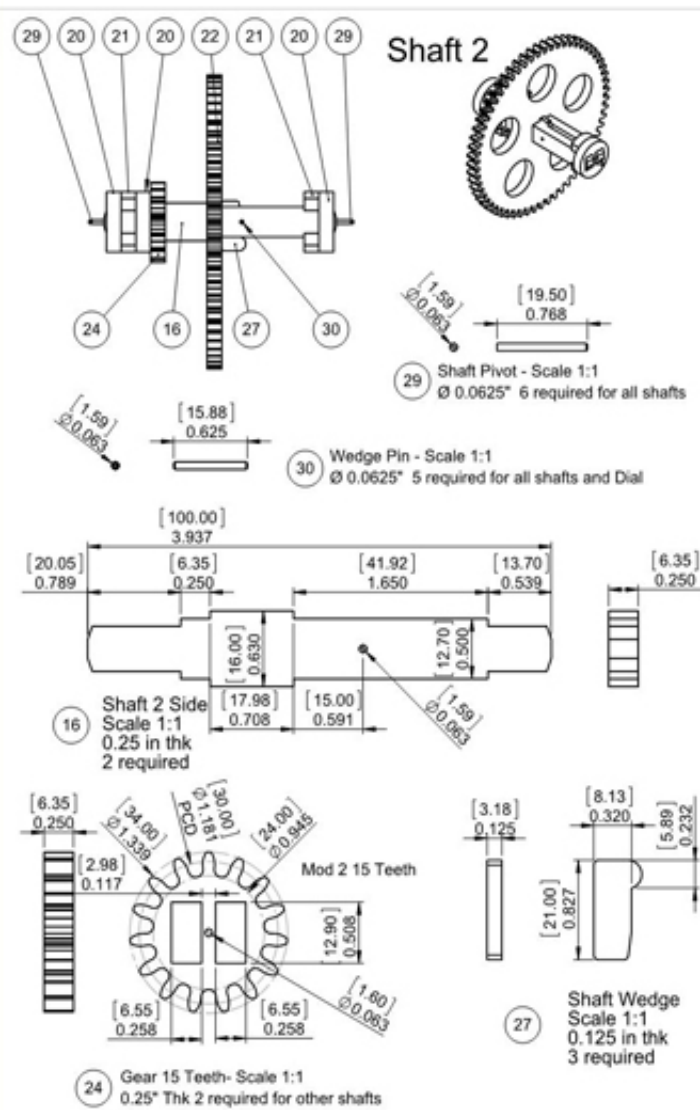
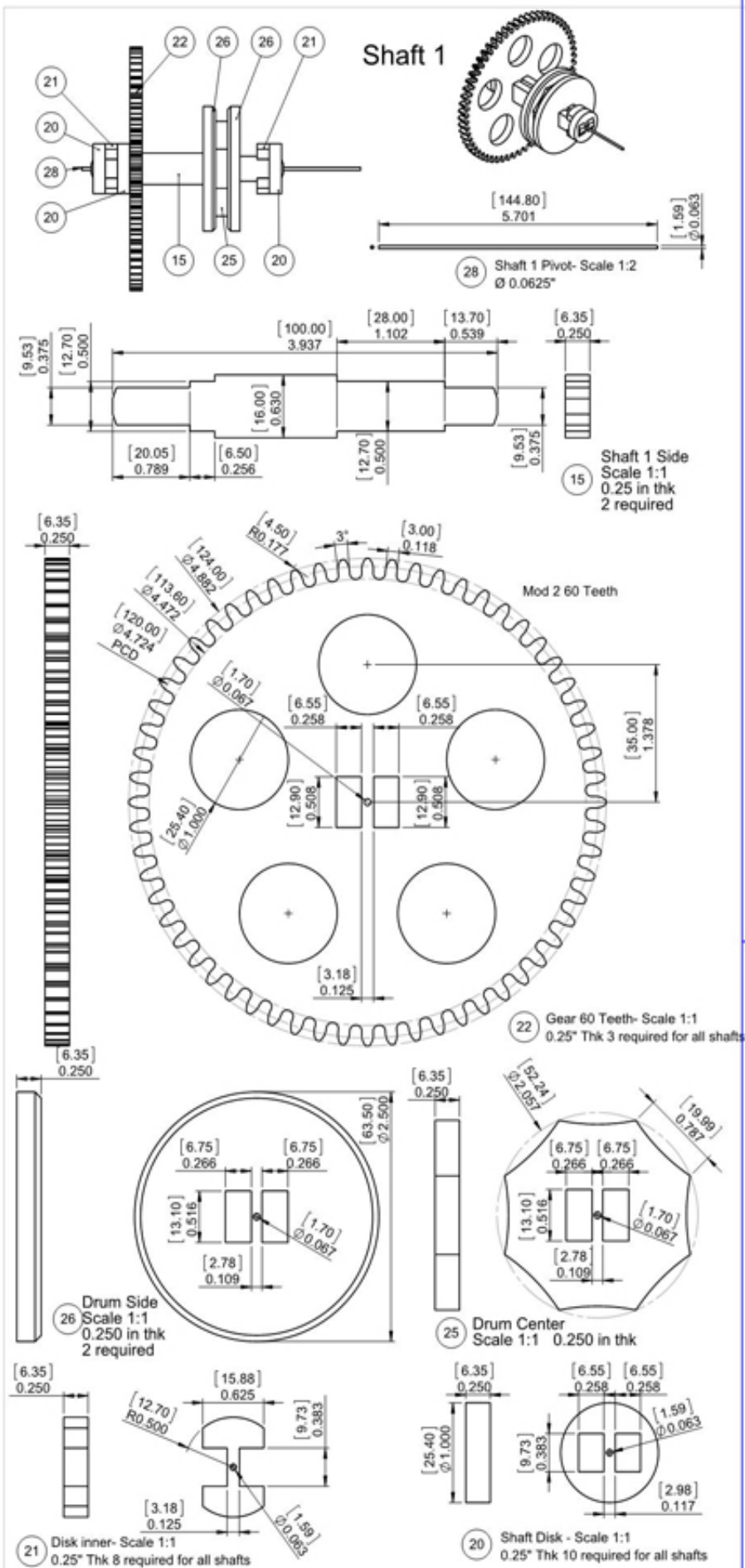
Designed by: Brian Law
www.woodenclocks.co.uk October 2016



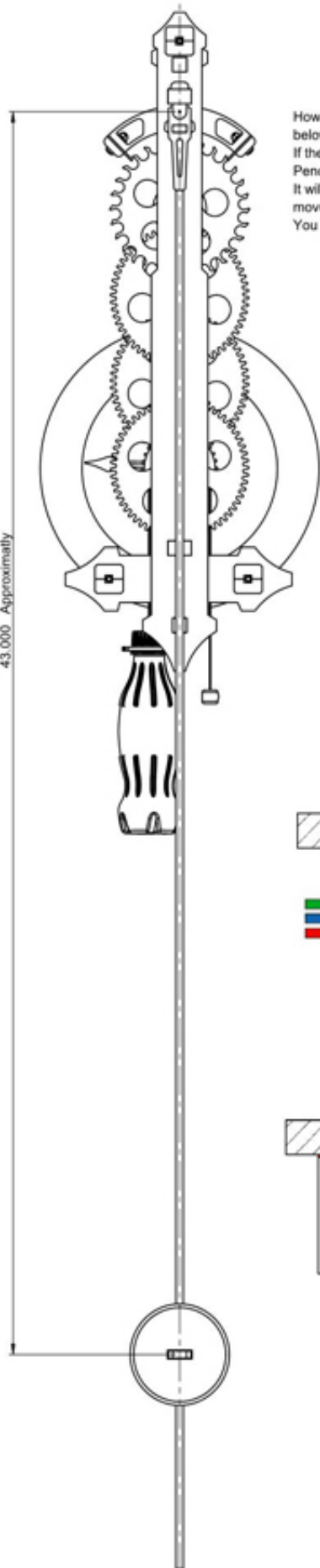


[577.85]
22.750

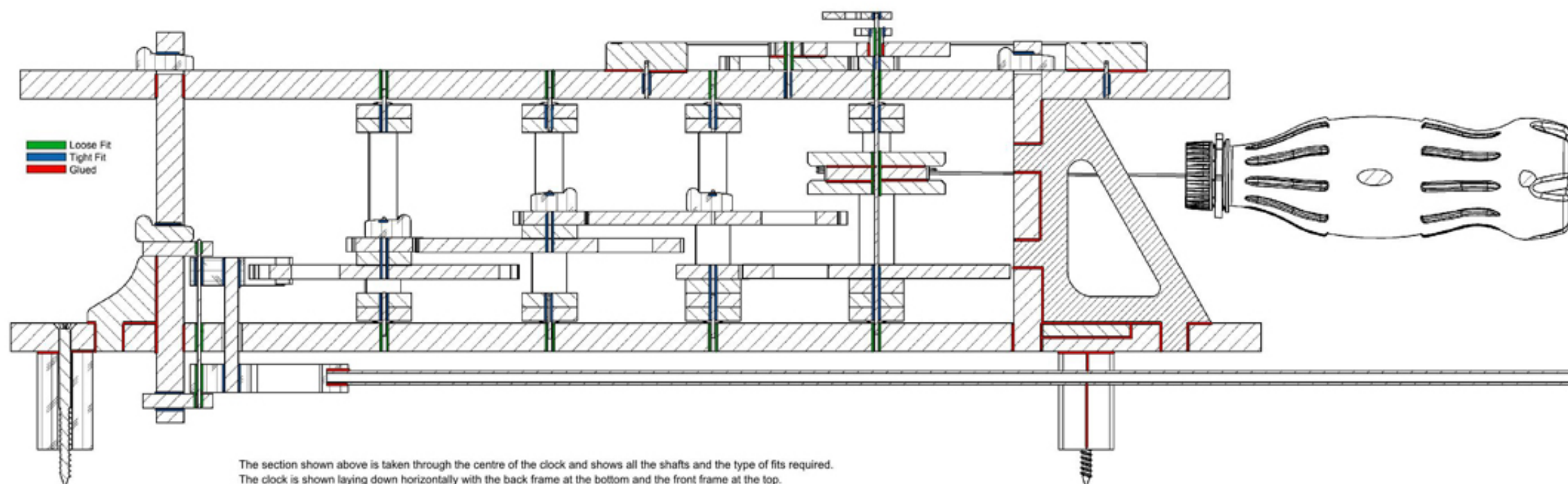




[1092.20]
43.000 Approximately



How fast or slow the clock runs is determined by how far the Pendulum Bob hangs below the the Pendulum Pivot point, For this clock that distance is approximately 43".
If the clock is running fast when you first assemble it then you need to move the Pendulum Bob down a small amount and if it is running slow you need to move it up.
It will take a little time to get it running fairly accurately, by making increasingly small movements of the Pendulum Bob.
You should be able to get it to run within 2 minutes in 12hours, may be even better.



The section shown above is taken through the centre of the clock and shows all the shafts and the type of fits required.
The clock is shown laying down horizontally with the back frame at the bottom and the front frame at the top.
Each of the joints is shown in a colour to indicate the type of fit required, Green for a loose fit, Blue for a tight fit and Red for items needed to be glued. It is best to glue all of the parts for the Back frame together for a start.
Next assemble the Gear shafts making sure that the parts are a tight fit on the side plates, if there is any looseness here then it is best to glue theses together as well. All the shafts should be a loose fit in the holes in the front and back frames, if not then you will need to open the holes out slightly.
The only other places you will need to glue are the Carbon fibre rod into the pendulum head and the two sides of the drum to the centre section.

Sht of Shts	A2	Law Wooden Clock 25 - Beginners Clock	
Not to Scale Unless otherwise stated		All dimensions in mm and (inches) 3rd Angle projection	Designed by: Brian Law www.woodenclocks.co.uk October 2016