Welsh Mills Society

Foundry Patterns for waterwheel shrouds

The Society has acquired, through the generosity of St Fagans National History Museum, a number of wooden patterns for waterwheel shrouds. They had been used by the Cambrian Foundry, Newtown, Montgomeryshire, in the c19th and early c20th, and had been gifted to the museum in 1980.

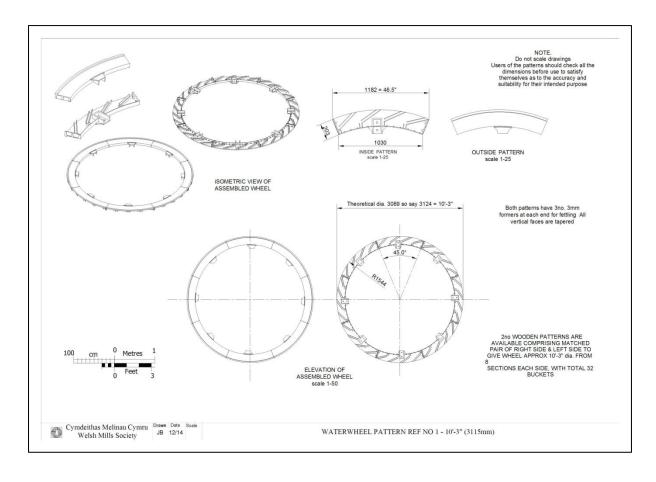
The cost of pattern-making is a major element of the cost for anyone wishing to obtain a new waterwheel. In accord with its aims of encouraging the preservation of water power, the Society is prepared to lend these patterns, for a small fee, to anyone wishing to build a new waterwheel.

We have patterns for eighteen different waterwheels:

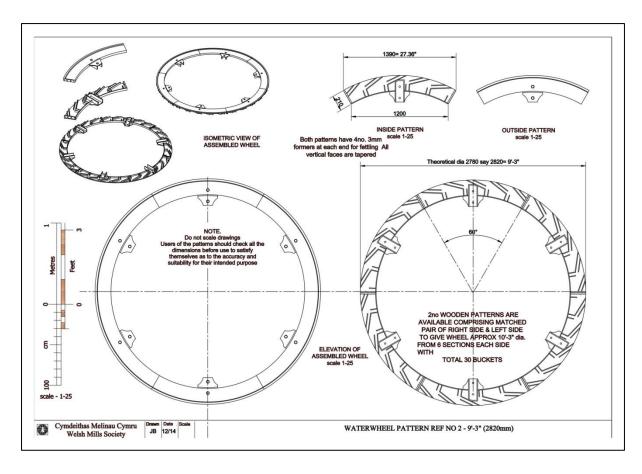
	Diameter	No. of sections	No. of buckets	Bucket material
No. 1	10ft 3in	8	32	wood
No. 2	9ft 3in	6	30	wood
No. 3	16ft 2in	8	48	wood
No. 4	8ft 8in	6	30	sheet iron
No. 5	13ft 3in	8	32 paddles	wood
No. 6	8ft	6	12 paddles	wood
No. 7	10ft 1in	8	32	wood
No. 8	16ft 3in	8	40	wood
No. 9	51ft	18	144	wood
No. 10	9ft 6in	6	36	wood
No. 11	31ft 9in	12	84	wood
No. 12	16ft 6in	10	50	wood
No. 13	20ft 6in	10	50	sheet iron
No. 14	15ft 3in	8	32	wood
No. 15	20ft 3in	8	56	wood
No. 16	18ft 9in	8	48	sheet iron
No. 17	16ft 9in	8	40 paddles	wood
No. 18	17ft 3in	8	40 paddles	wood

Please direct expressions of interest to Andrew Findon at welshmills@fsmail.net

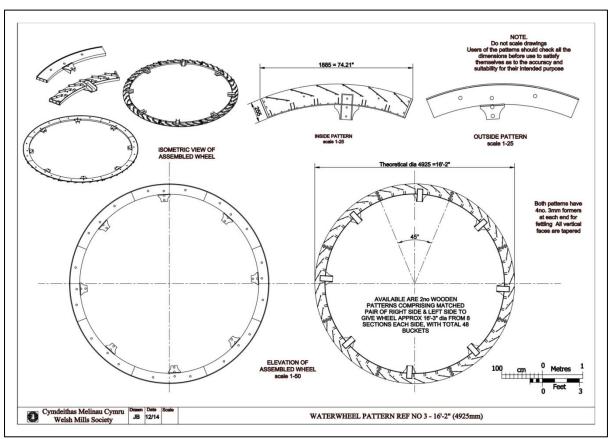


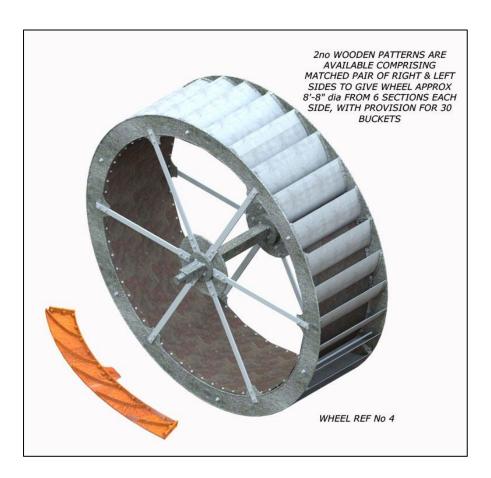


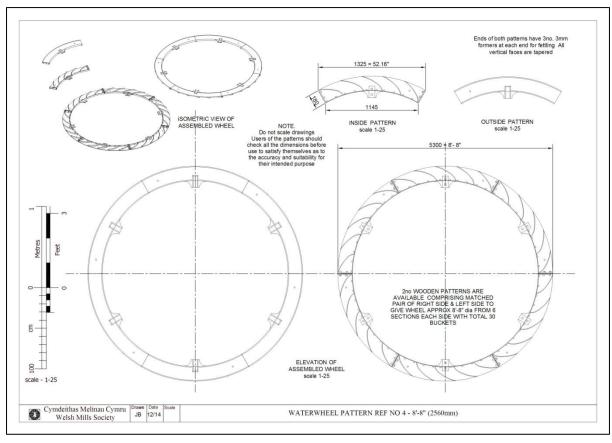




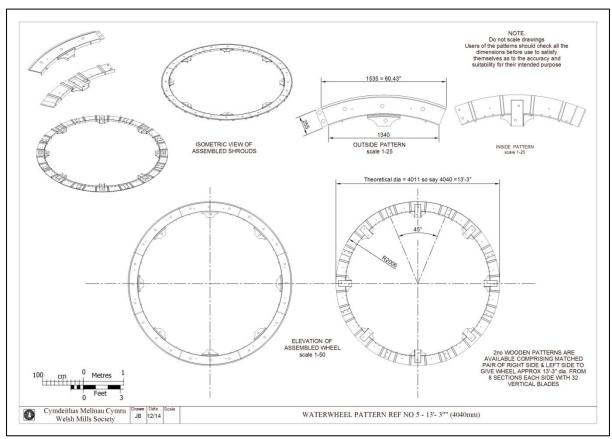


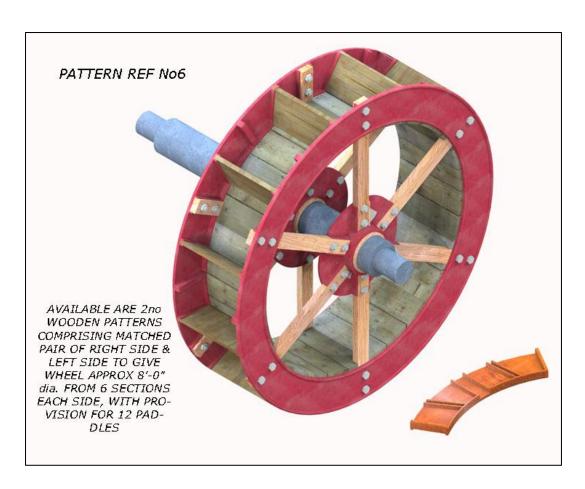


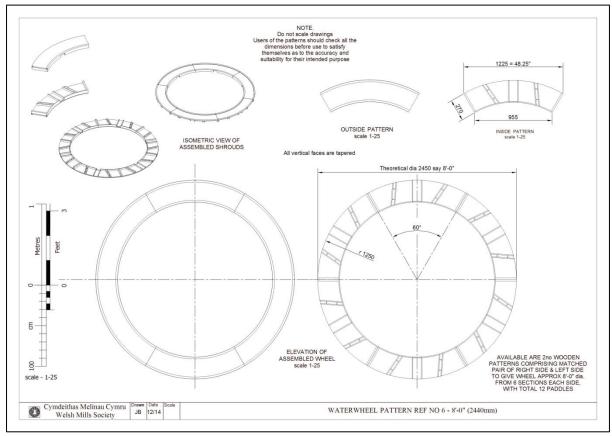


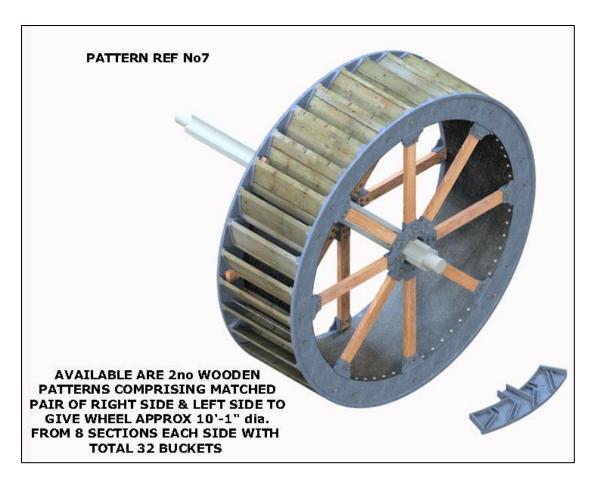


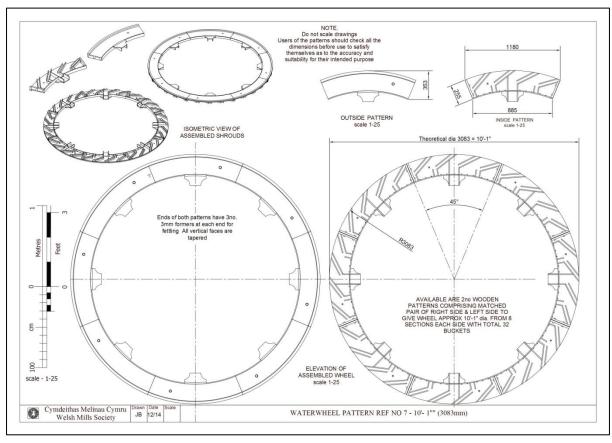


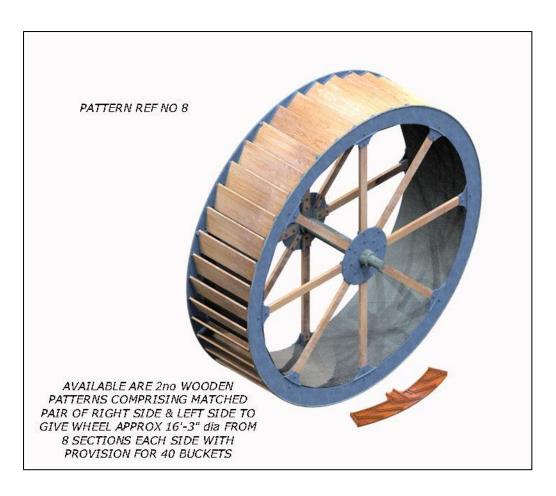


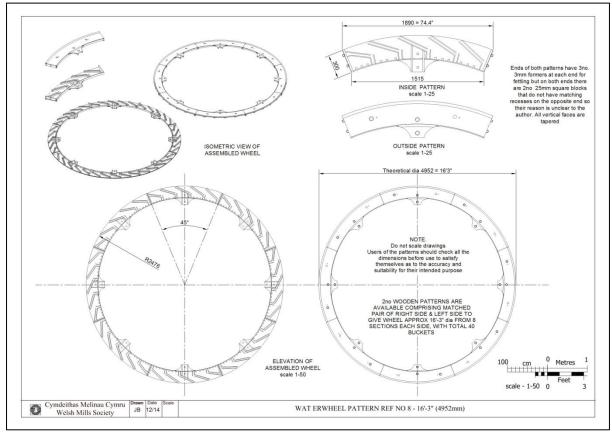


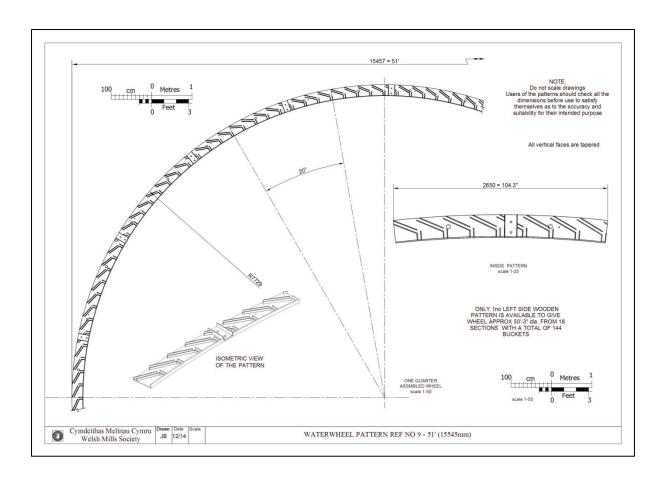


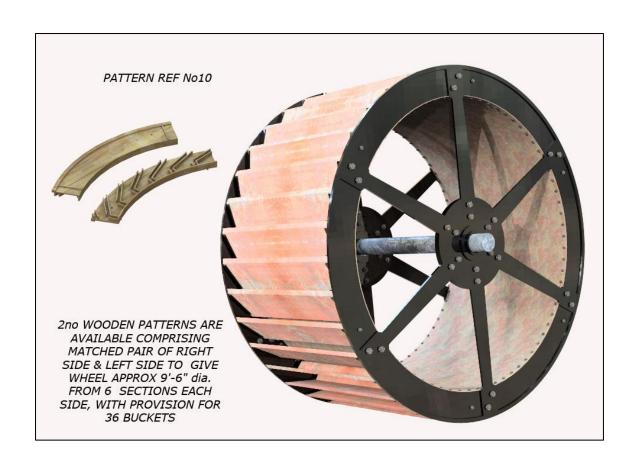


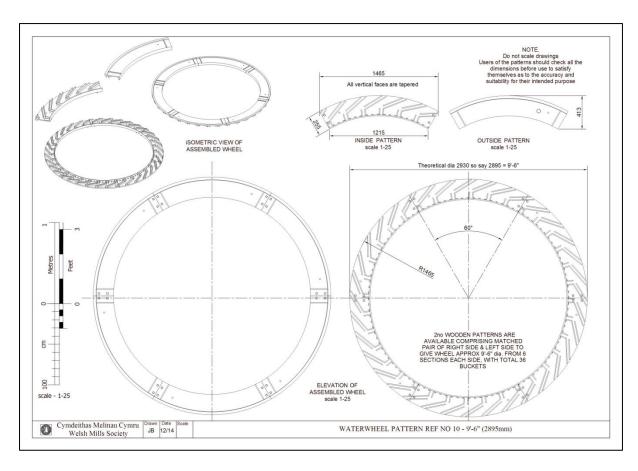


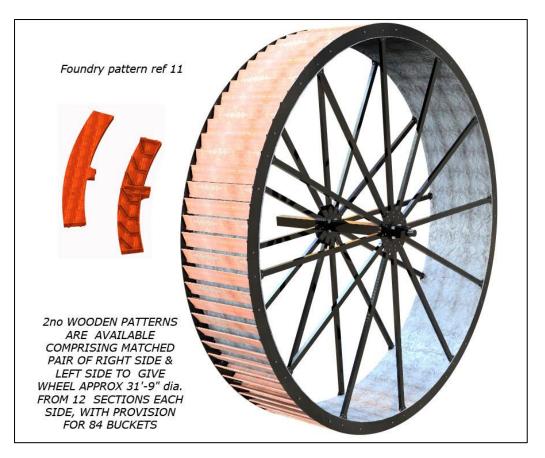


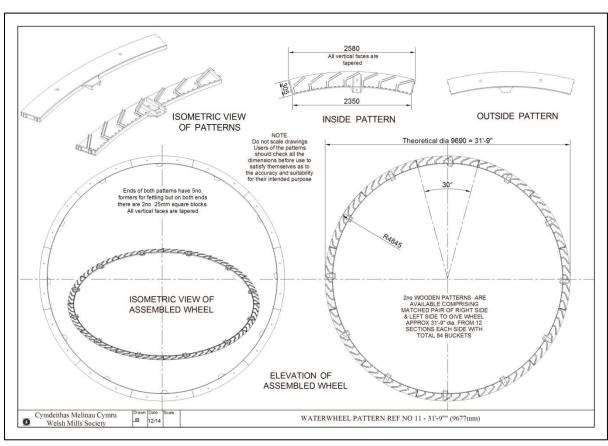


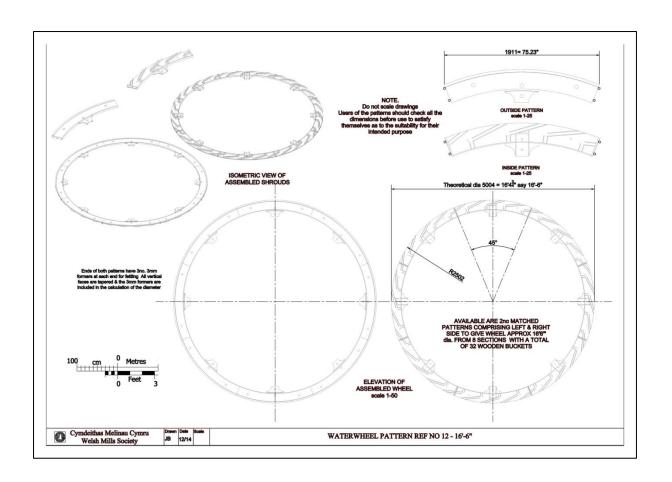


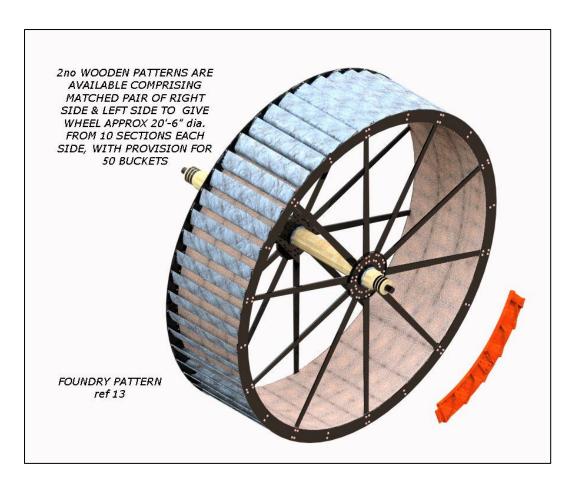


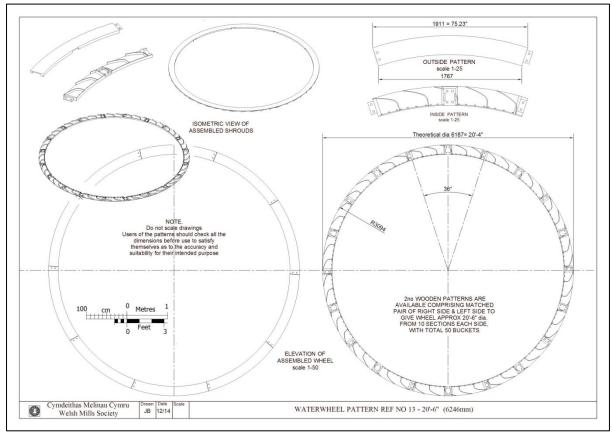


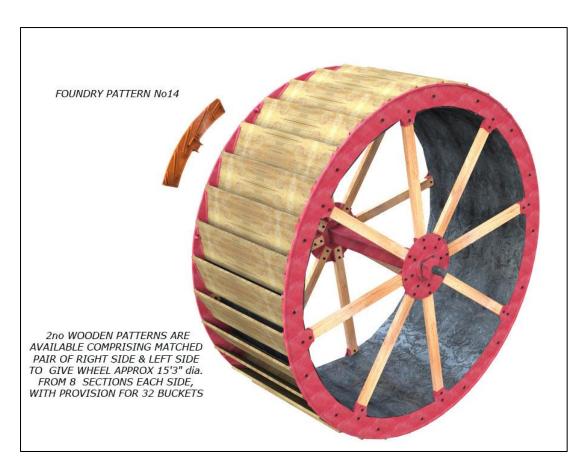


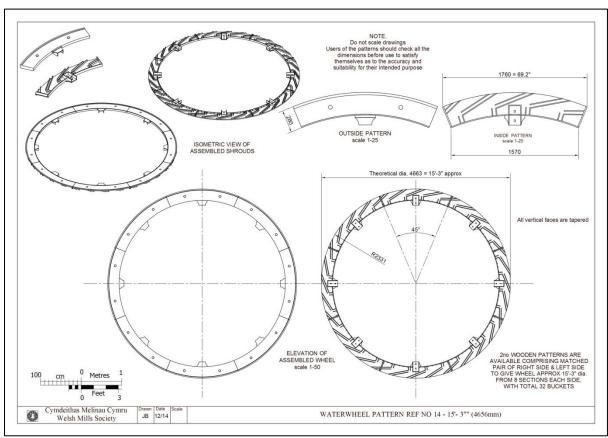


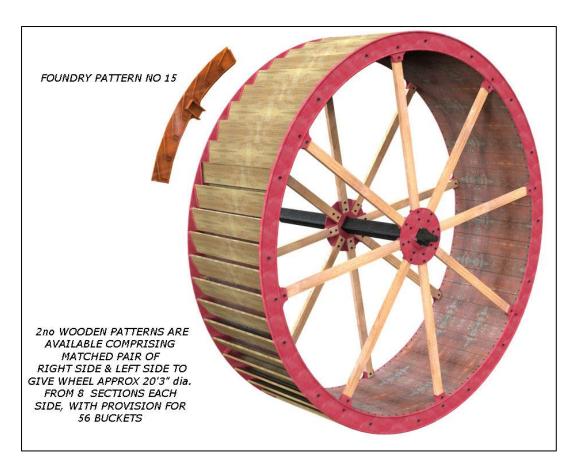


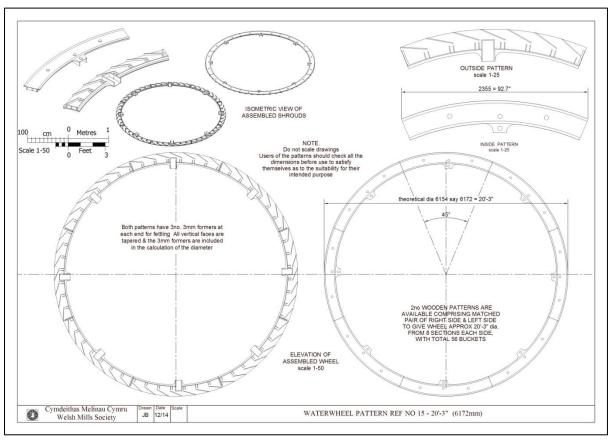


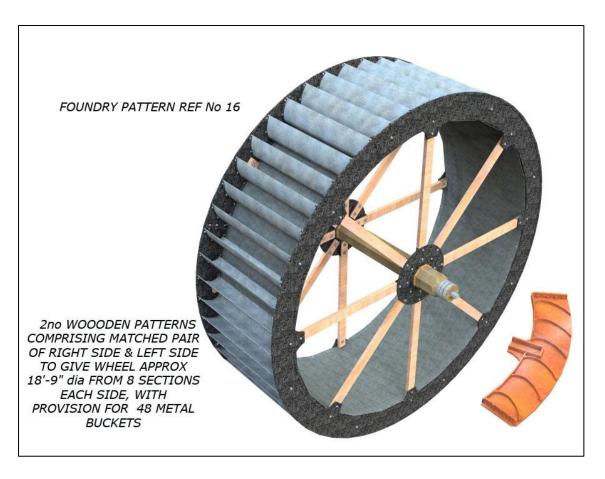


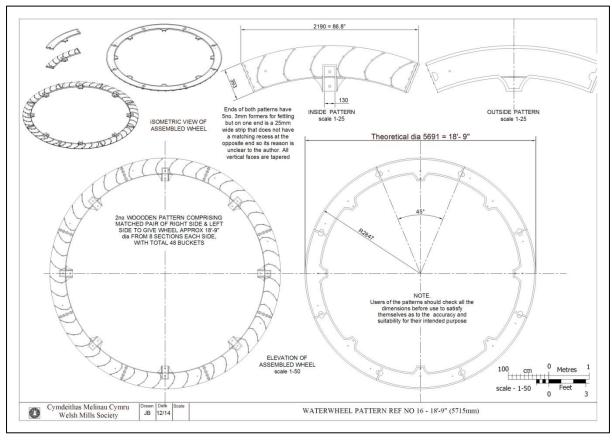


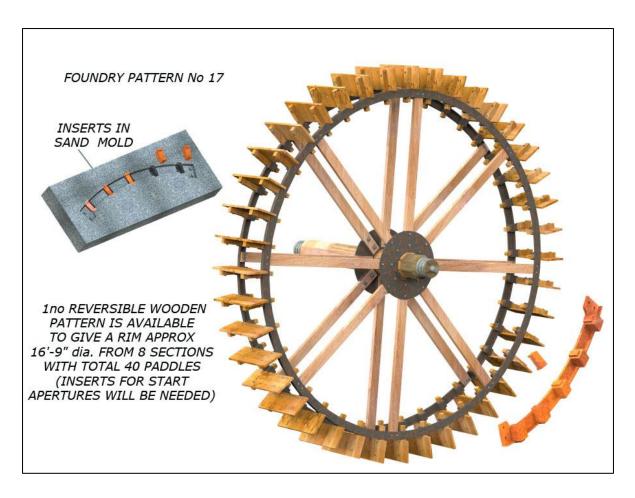


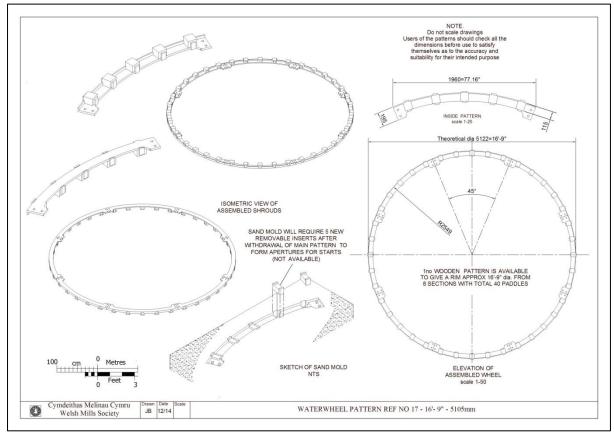






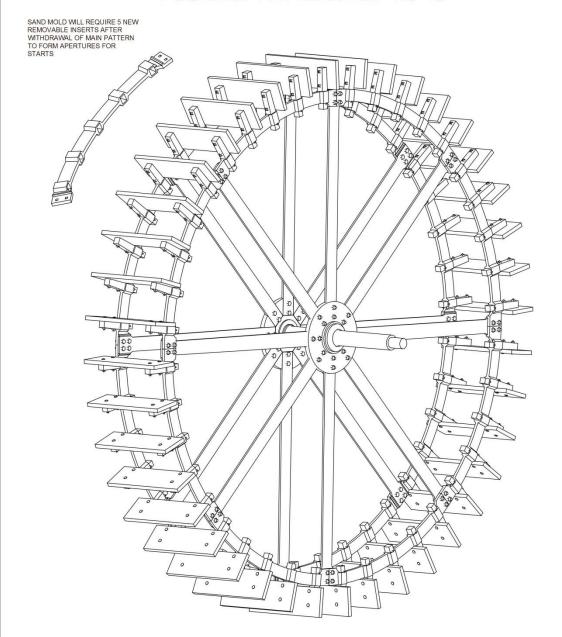








Cymdeithas Melinau Cymru ~Welsh Mills Society FOUNDRY PATTERN REF No 18



1no REVERSIBLE WOODEN PATTERN IS AVAILABLE TO GIVE A RIM APPROX 17'-3" dia. FROM 8 SECTIONS WITH TOTAL 40 PADDLES

HUB, ARMS, SOLE. SHAFT AND BUCKETS SHOWN FOR REF ONLY