

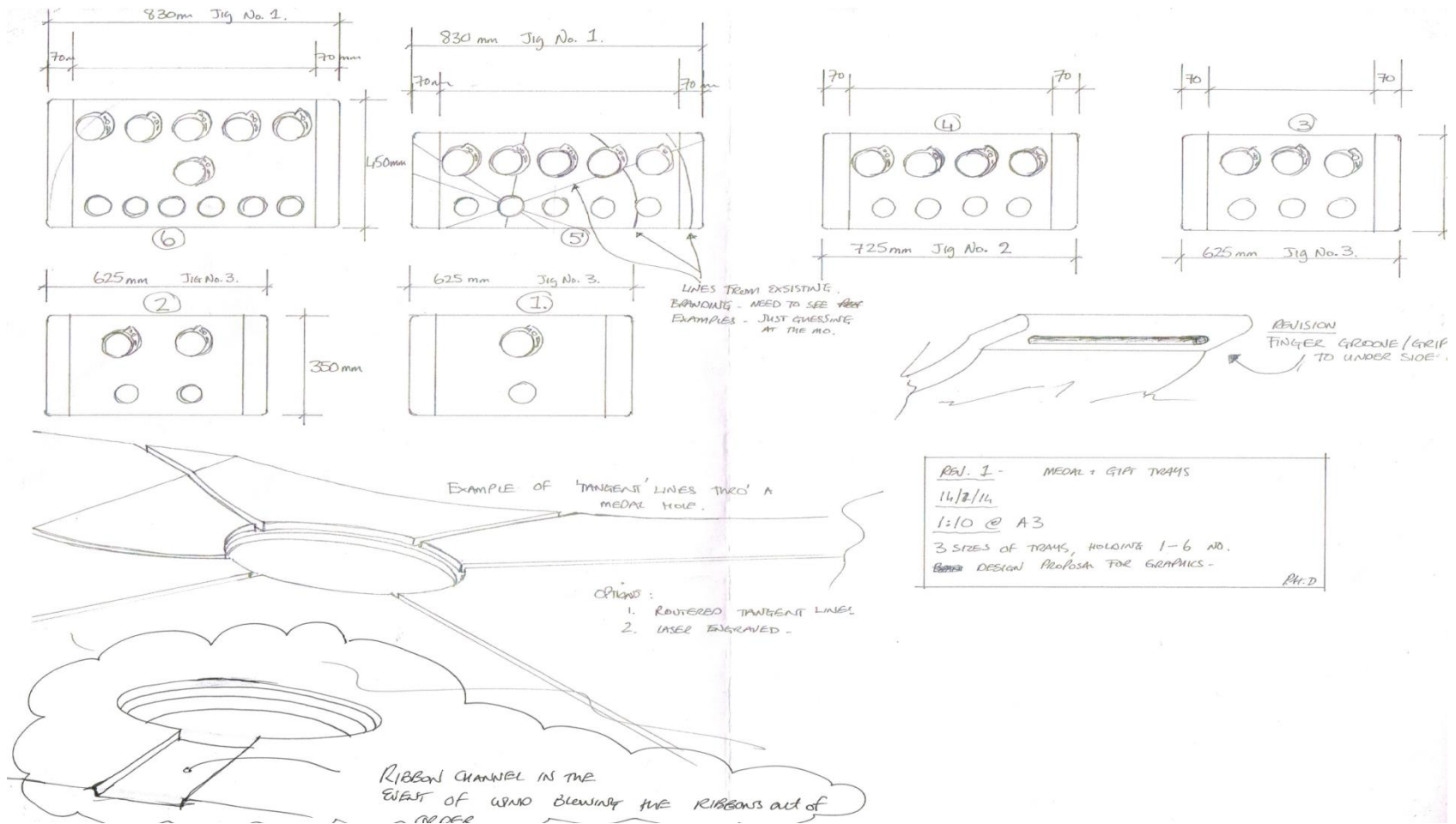
THE MAKERS AND CREATORS

Medal trays, quaichs and podiums

MEDAL TRAYS

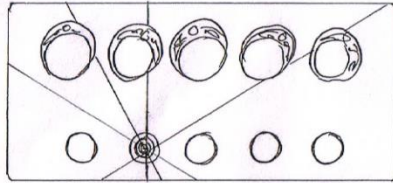
DESIGN AND PRODUCTION

DESIGN PROPOSALS

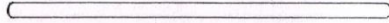


TRAYS
REV. 3.
17/1/14.

PH.



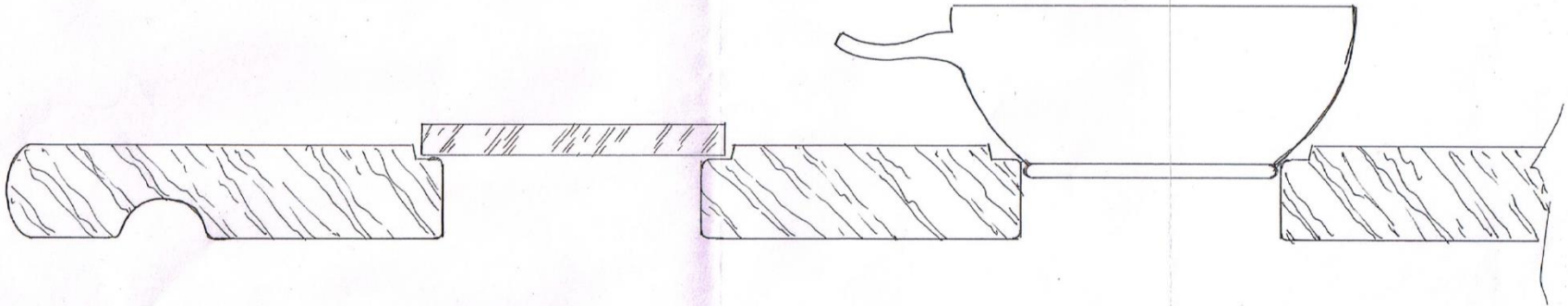
TANGENT LINES ROUTED
FOR SUBTLE BRAND ECHO.




NOTES

1. HOLES ALL THE SAME
2. INDISPENSANT LOGO DISC TO BE PLACED IN HOLE THAT HAS TANGENT LINES.
3. WHEN AN SPARE ARE BEING USED THE TANGENT LINES WILL SIMPLY START FROM A MEDAL.
4. NO UPPER OR LOWER CURVES.
5. FINGER GRIP LOWER HANDLE.

SECTION SHOWING MEDALS AND QUANCHS USING SAME HOLE

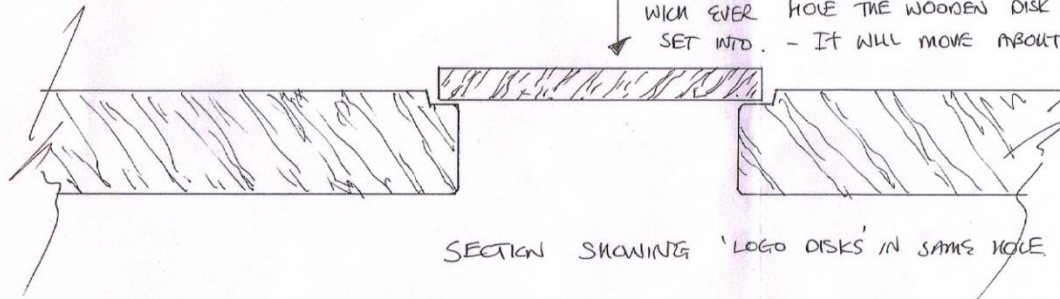


BIRCH/ELM DISK WITH  LOGO LASERED

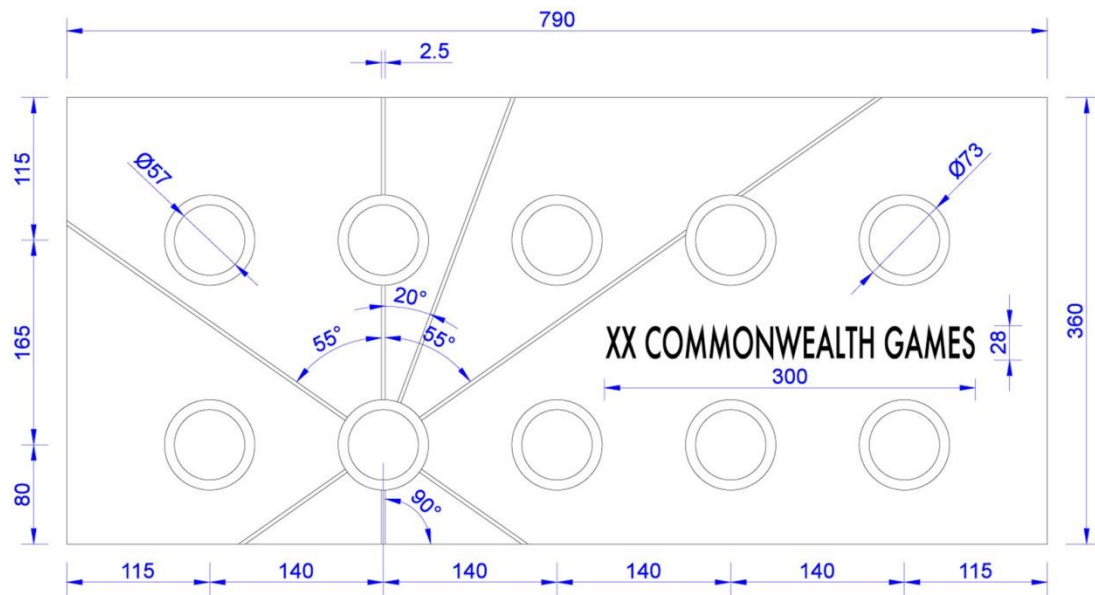
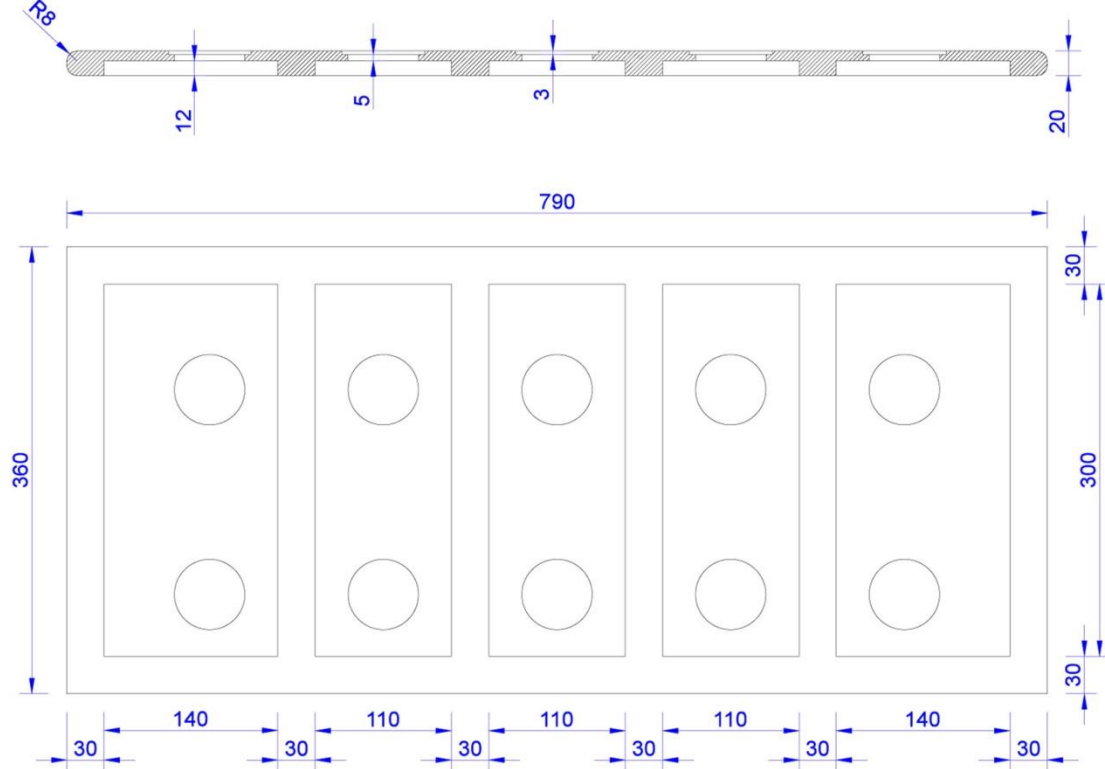
TANGENT LINES TO SET OUT FROM

WHICH EVER HOLE THE WOODEN DISK IS

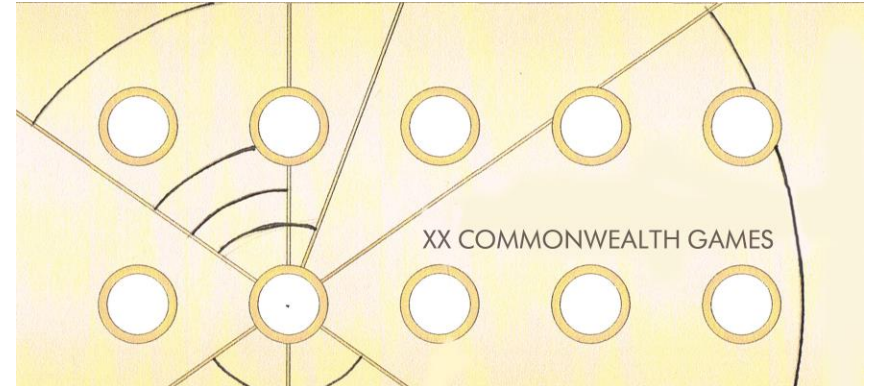
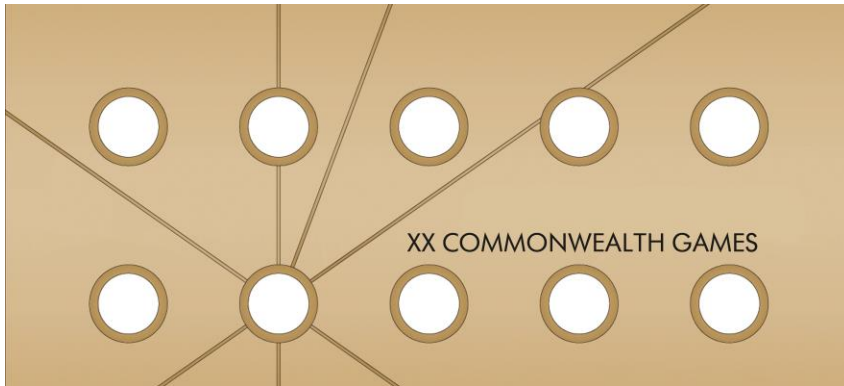
SET INTO. - IT WILL MOVE ABOUT AND HELP THE AESTHETICS WHEN THERE IS AN EMPTY SPACE.



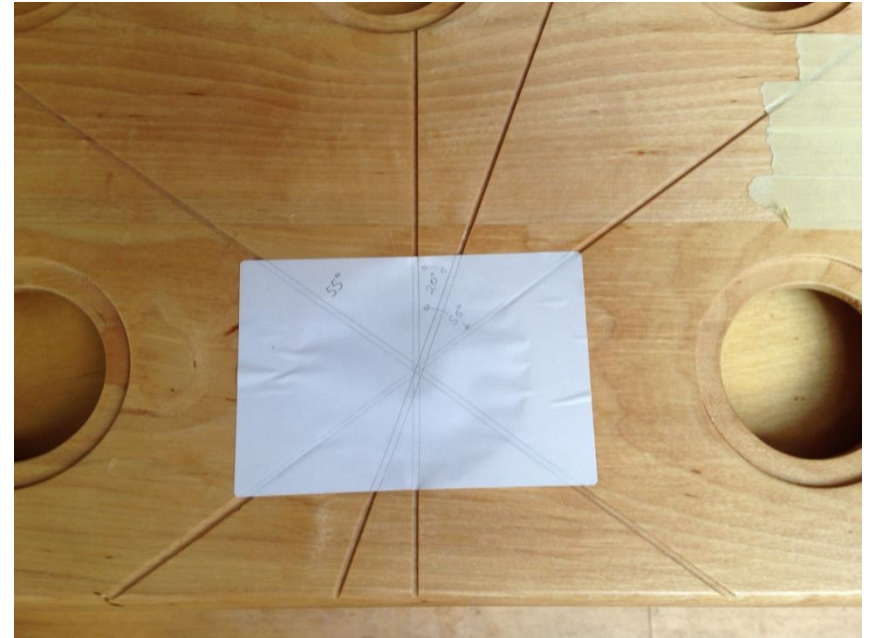
SECTION SHOWING 'LOGO DISKS' IN SAME HOLE



EXPERIMENTING WITH THE 2014 BRANDING



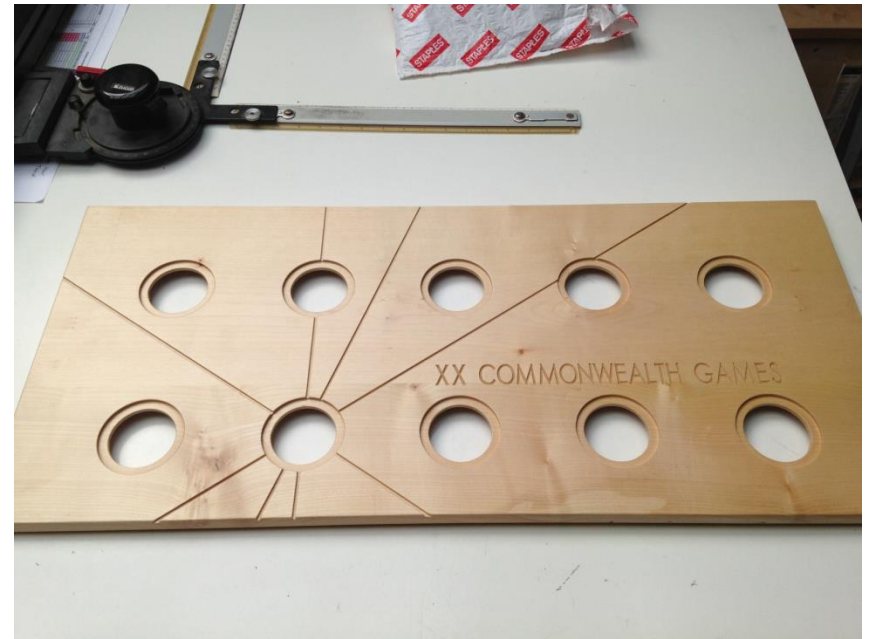
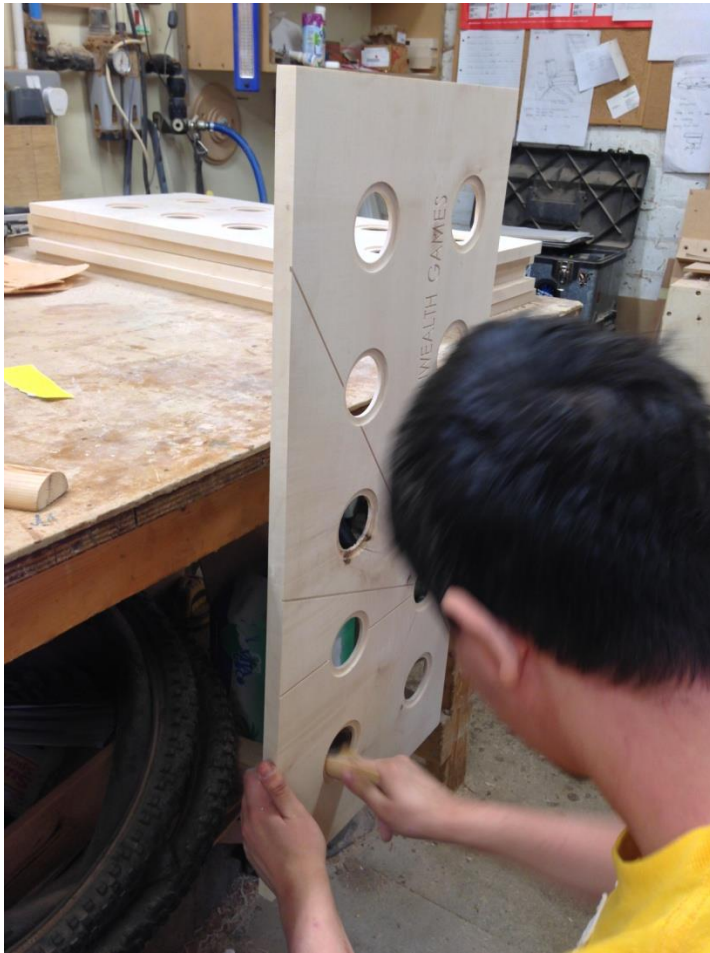
PRECISE POSITIONING FOR ERGONOMICS AND AETHSETICS



MEDAL TRAYS

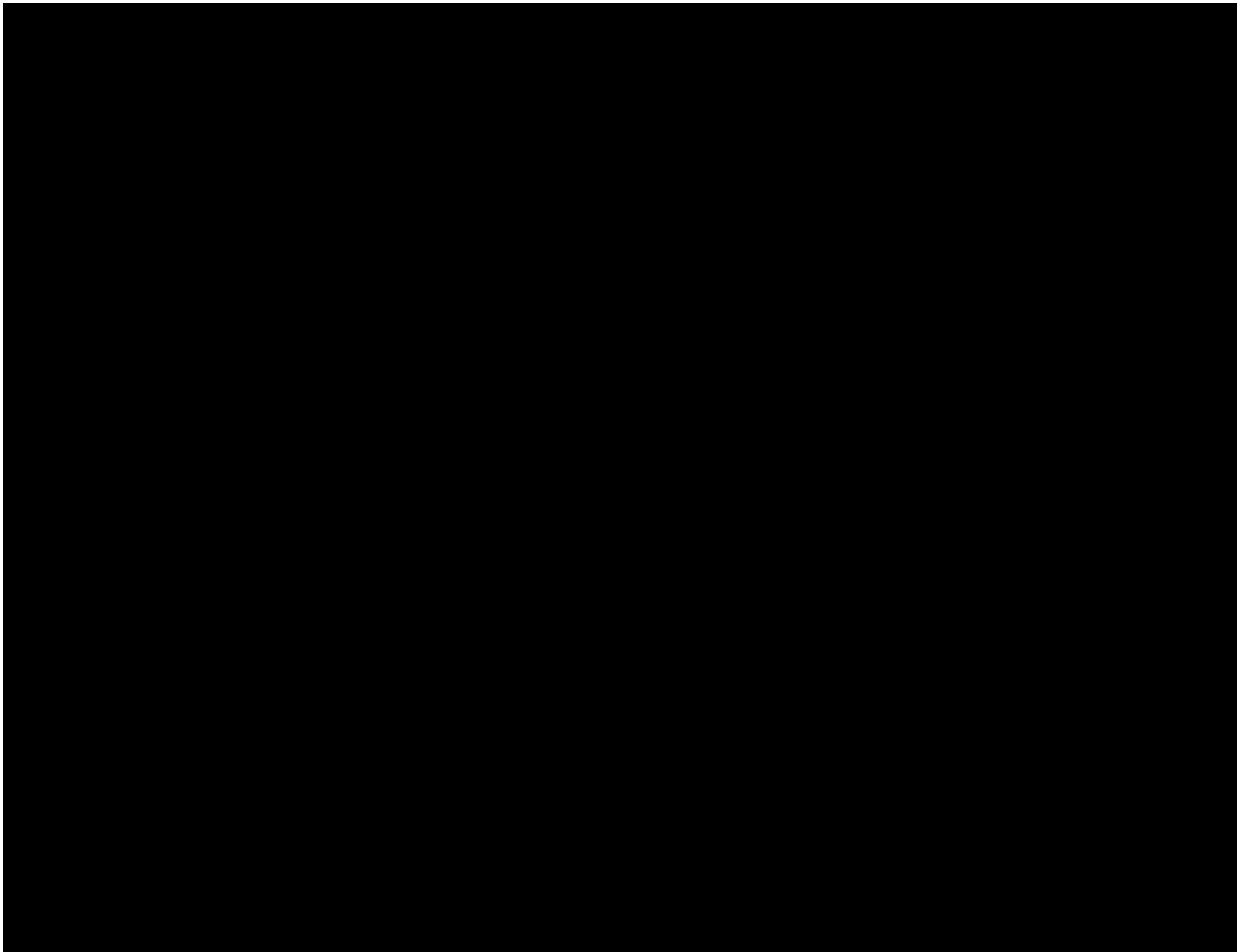


LOTS OF FINGER BURNING SANDING



RESULTS

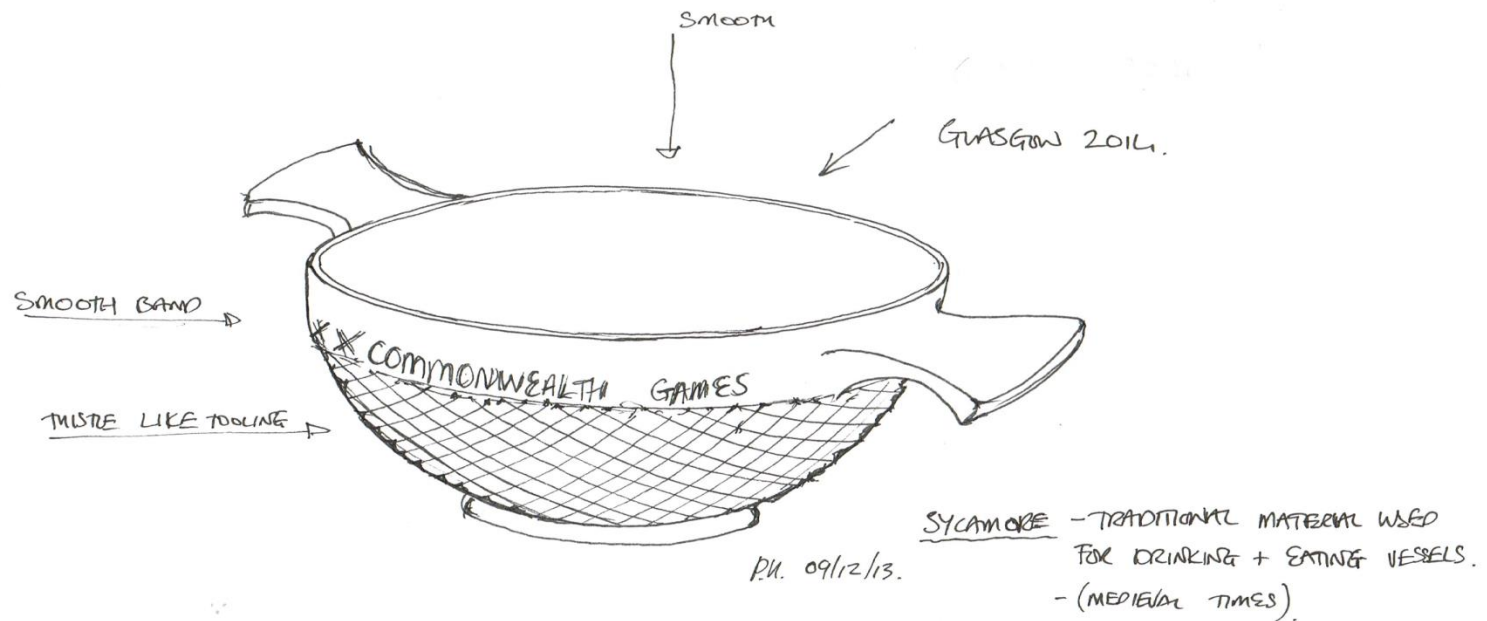




QUAICHS

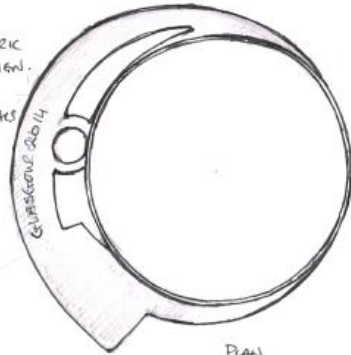
DESIGN AND PRODUCTION

FIRST DESIGN PROPOSALS



CONCEPT STAGE

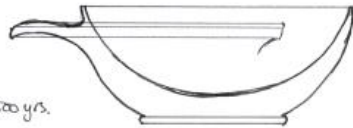
HANDSOME IS INSPIRED BY
NEGATIVE SPACE AND CONCENTRIC
CIRCLES IN THE MEDAL DESIGN.
SHAPES HERE ARE
SPECIFIC TO BOT. LEFT OF MEDALS



PLAN

ACTUAL SIZE

XX COMMONWEALTH GAMES



ELEVATION

SCOTTISH WYGH ELM
HAS GROWN IN SCOTLAND FOR 8500 YRS.
QUICKENS TO BE PRODUCED FROM ELMS
FROM GLASGOW. - WE HAVE PROVEDANCE
OUR STOCKS PROBED ARE FROM G.C. LAND SERVICES SITES - CATHKIN BRAYS + DARNLEY.

SLASH TREE.
USING GALGAL TRUST.



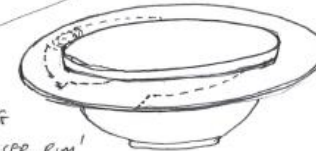
LASER ETCHING TO
SIDE.

RIP AND CROSS CUT

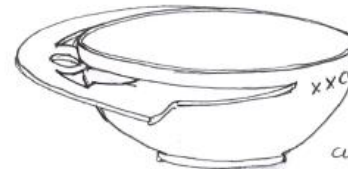


MARK OUT FOR TURNING

TURN LEAVING
'FLYING SPACER RIM'



MARK OUT FOR SHAPES



CUT SHAPES,
LASER ETCH USING
MAX LABS.

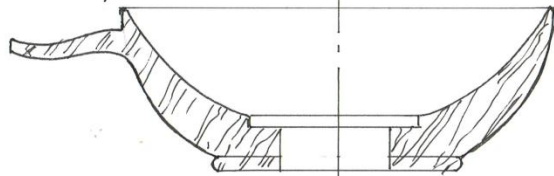
ROUGH SKETCH ONLY.

TAKE TANGENTS OUT FROM LOGO
THEY GIVE INFO OUT TO QUATCH DESIGN.

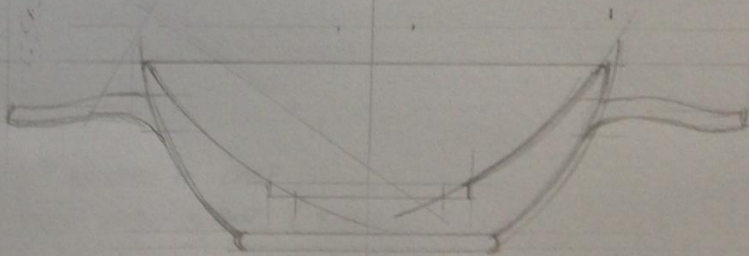
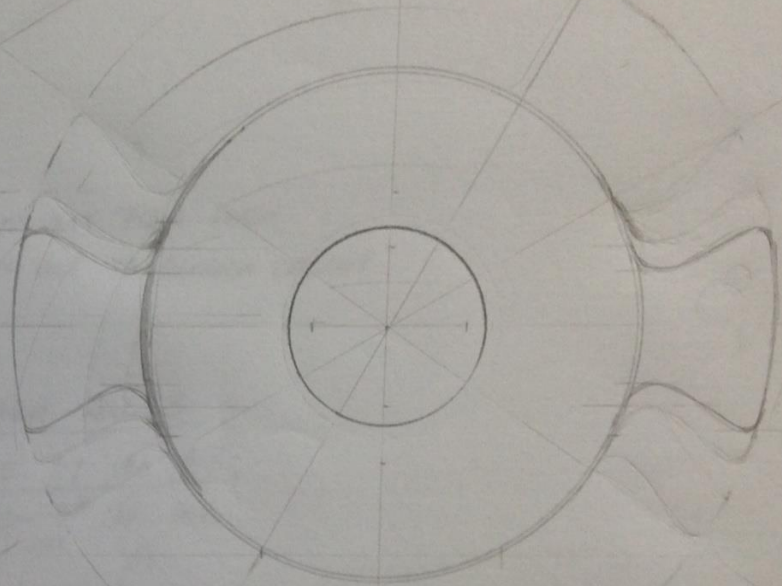
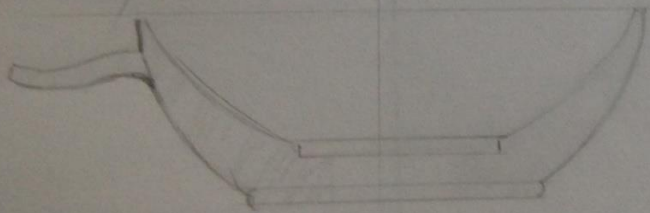
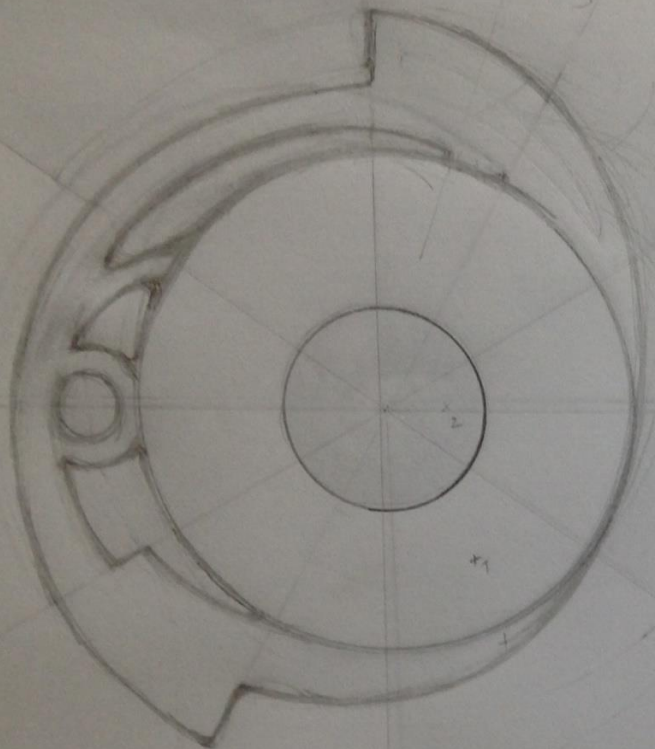
QUATCH REV. 3.

SCALE 1:1 on A3.

8 (no 9th Jan 2014.
no 10th Ph.

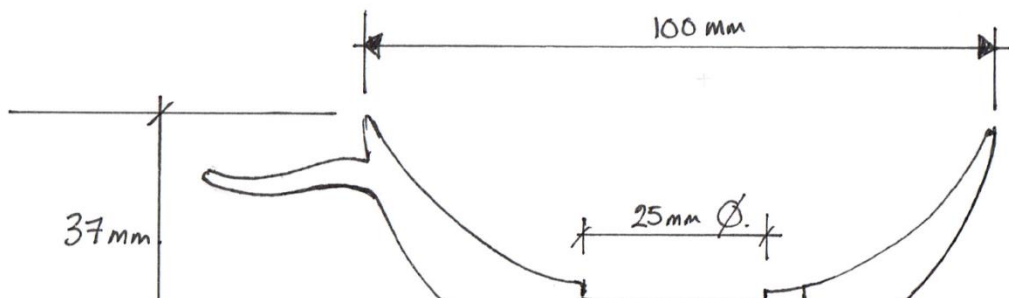
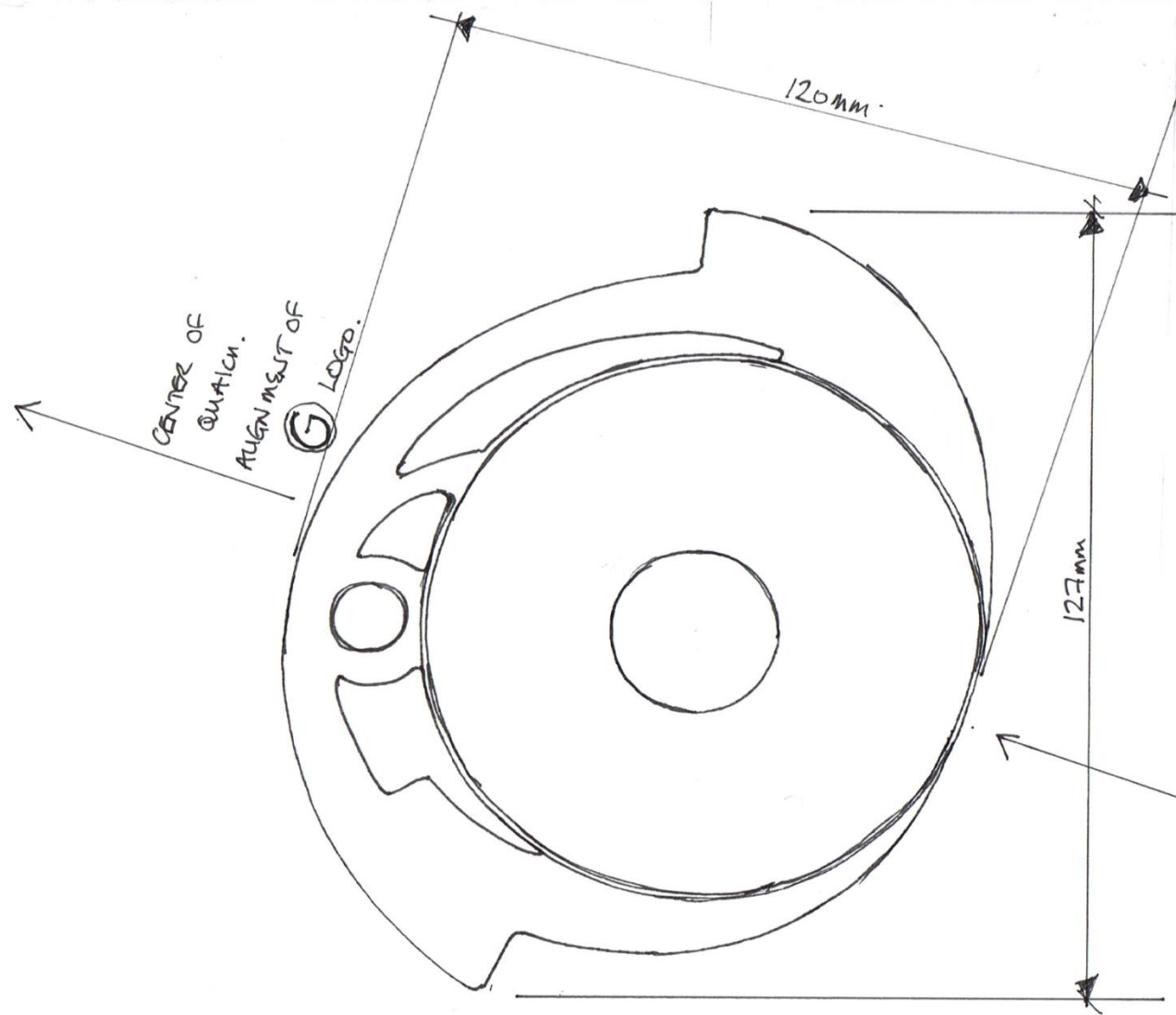


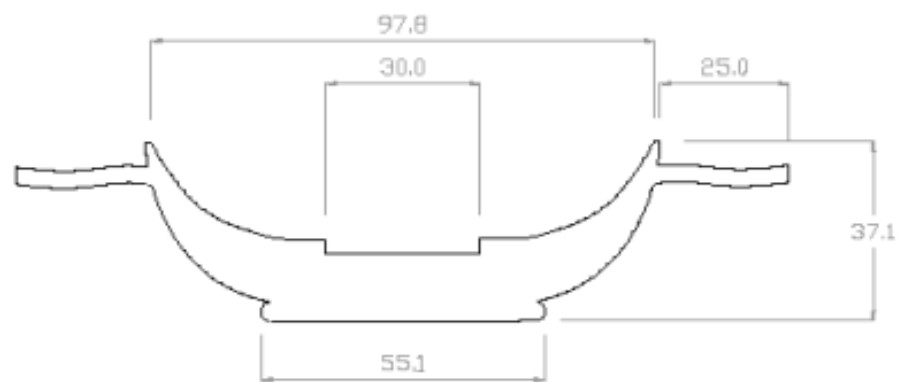
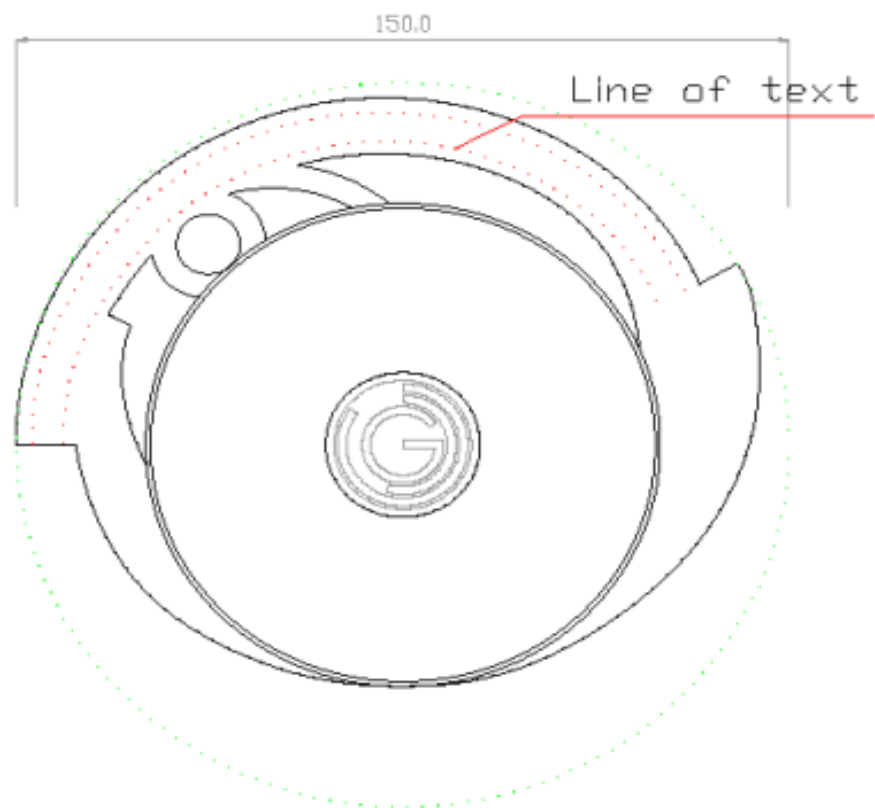
LOGO - 3⁰ PRINTED & CAST
IN LAMP. HOLE THRU TO BOT. (T.B.C.).

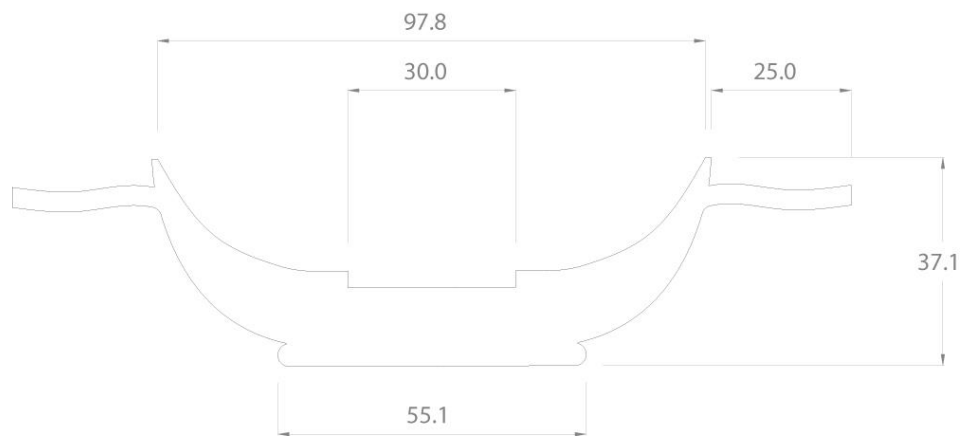




XX Commonwealth Games









UNCONFORMING NATURAL CHUNKS READY FOR THEIR TASK



ONLY THE OLD MACHINES FOR THIS TASK



DISC STAGE



CUTTING THE DISCS



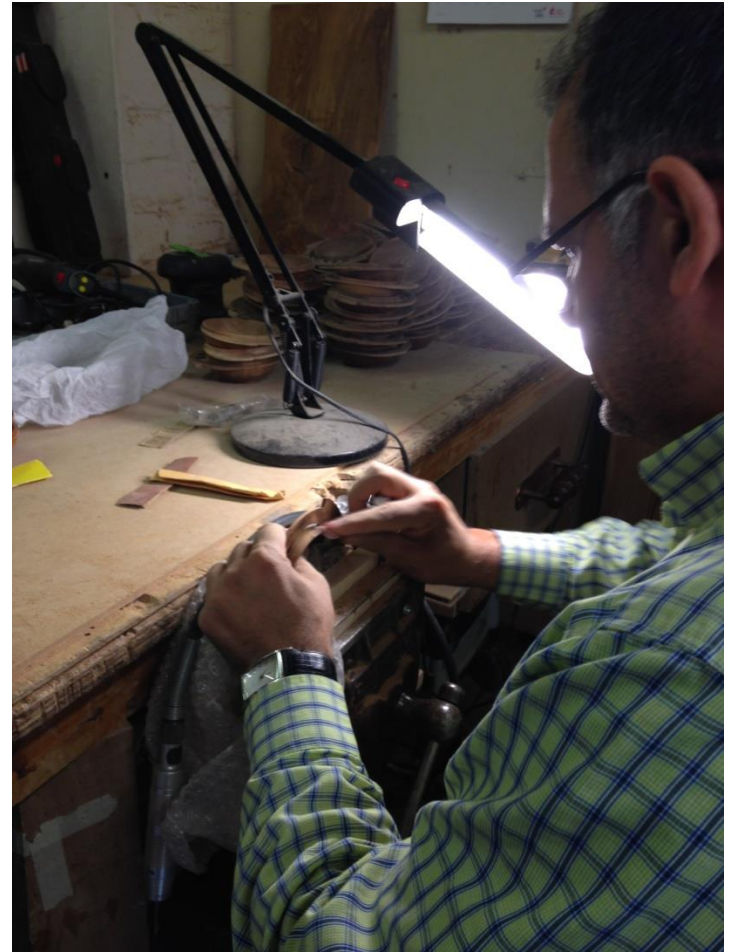
DISCS AND FLYING SAUCERS



READY FOR CNC STAGE



FINAL TURNING AND FINISHING STAGE



TONY A MAN OF TOTAL COMMITMENT AND INCREDIBLE PATIENCE.



FINISHED QUAICH





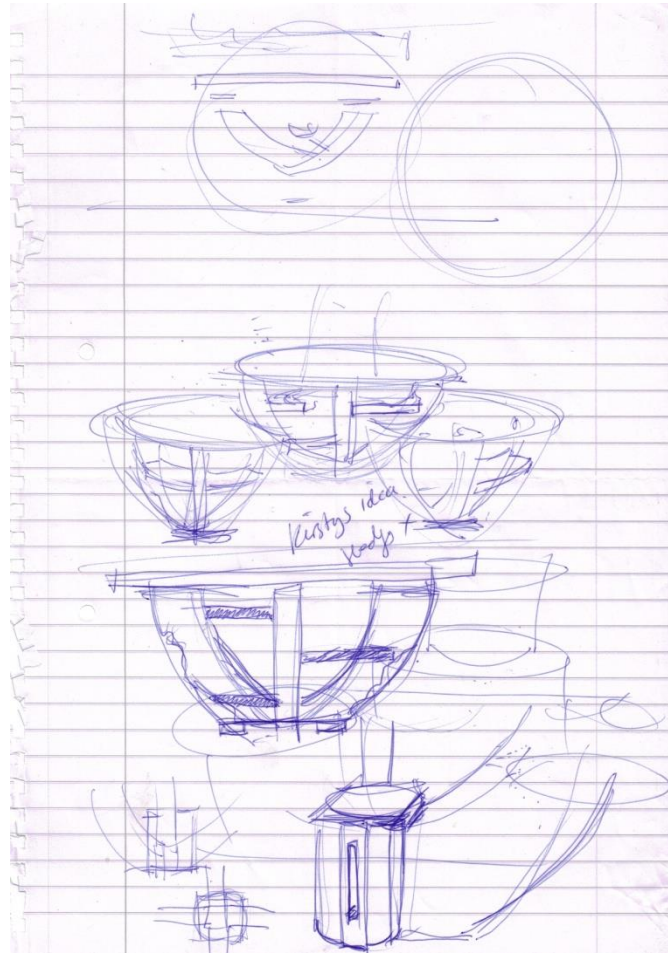
THE NUMBERS

- 1514 Quaichs ordered
- 386 Quaich 'fails'
- 3600 hours of hand turning
- 148 hours of CNC machining
- 125 hours of laser etching
- 1600 hours of hand finishing
- 89 hours of 'insert and boxing'
- 1500 hours of shared management
- 30 hours drawing
- I just don't know hours of thinking and thinking and....

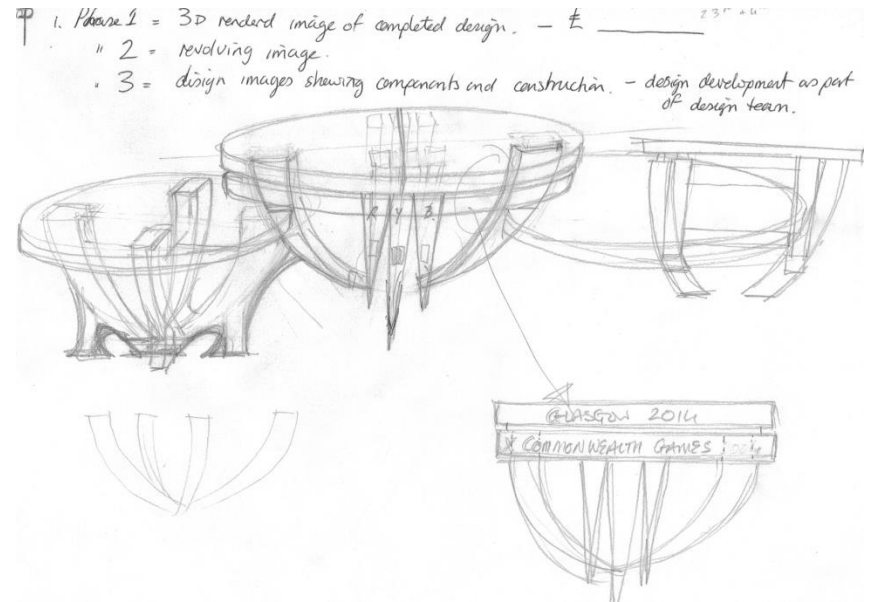
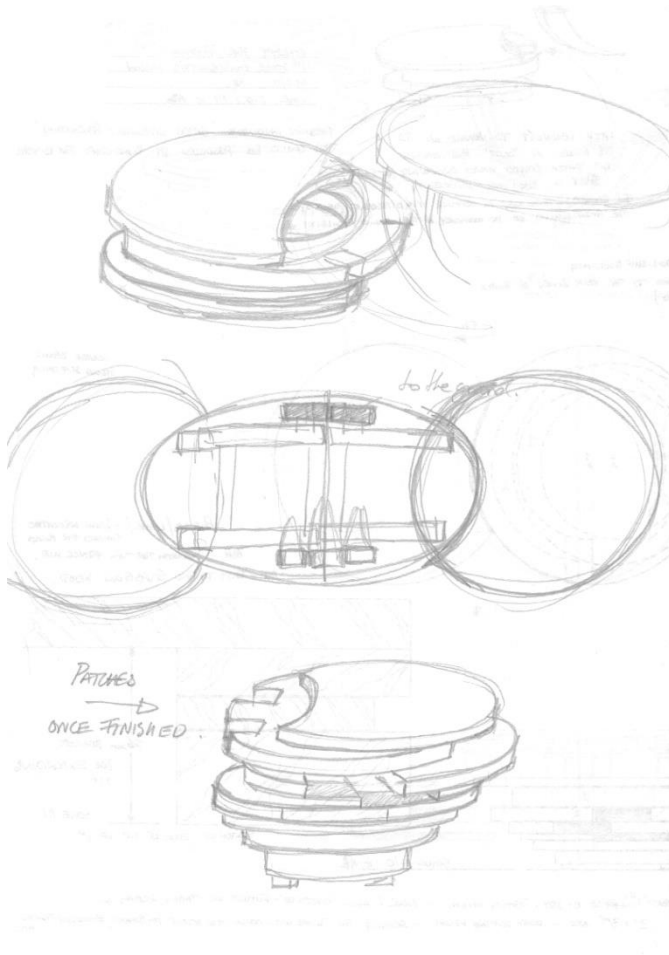
PODIUM DESIGN & PRODUCTION

A BRIEF? RESUME OF HOW ON
EARTH IT HAPPENED.

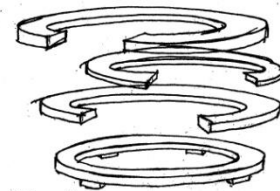
ORIGINAL INSPIRATION



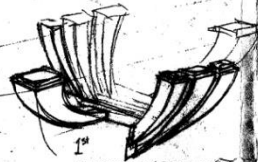
TRYING TO GET THE IDEA OFF THE GROUND



FIRST PROPOSAL



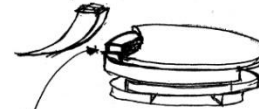
2nd + 3rd - LAYERS OF CIRCLES - SOME STOP + START - LIKE THE LOGO.



1st CONSTRUCTIONAL DESIGN - MAJOR DEVELOPMENT

POINT = COMPONENTS ARE LIKE POSITIONSHIP BUILDING

"... THEY HAVE SPECIFIC RESONANCE TO THE VEIN BONES OF BONES (CIRCULAR - MONUMENTAL / SHIP BUILDING)

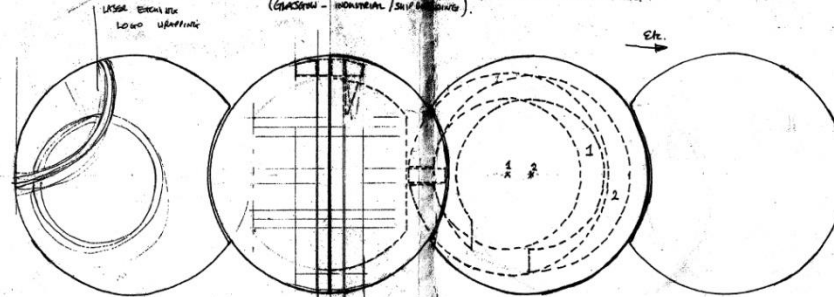


PATCH RELEVANT TO VENUE etc. TO BE PAID IN 'SLIT' POST BRANCHES THE PATCH COULD HAVE ENDOWMENT OF SOME SORT - EACH ONE DIFFERENT.

THE EXAMPLE - TO FOLLOW AS REMAINS IN A DIFFERENT PUBLIC SPACE - THE ARCH WOULD BE THE BRANCHES OF THE VENUE / ARCHITECTS etc.

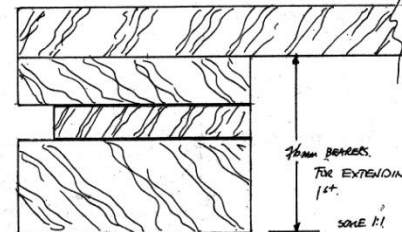
CONCEPT FOR PODIUMS:
1st STAGE CONSTRUCTION DESIGN
BLUEPRINT
SCALE 1:10 = 1:1 = 1:1

DESIGN INVOLVES 'BATCH COMPONENT PRODUCTION' THIS COULD BE PRODUCED BY BUILT CRAFT FOR EXAMPLE

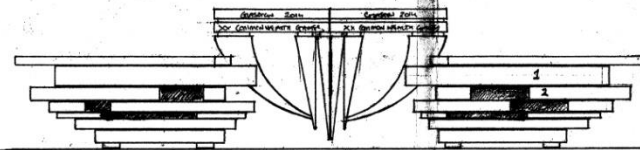


NEARER BONES STRONGER SEASONAL

PENAL / LINE / - LIGHT WEIGHTED THROUGH THE KINGS
MAY - STRONGER FOR TOP - FINEER USE.
PM - BEST TO FIND GRASSY WORD.



SECTION OF EDGE OF TOP OF 1st.

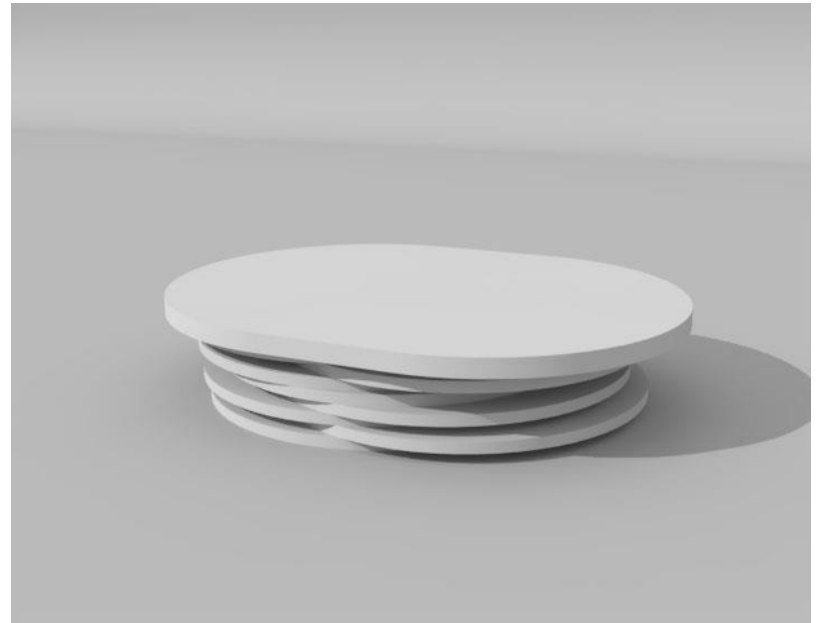
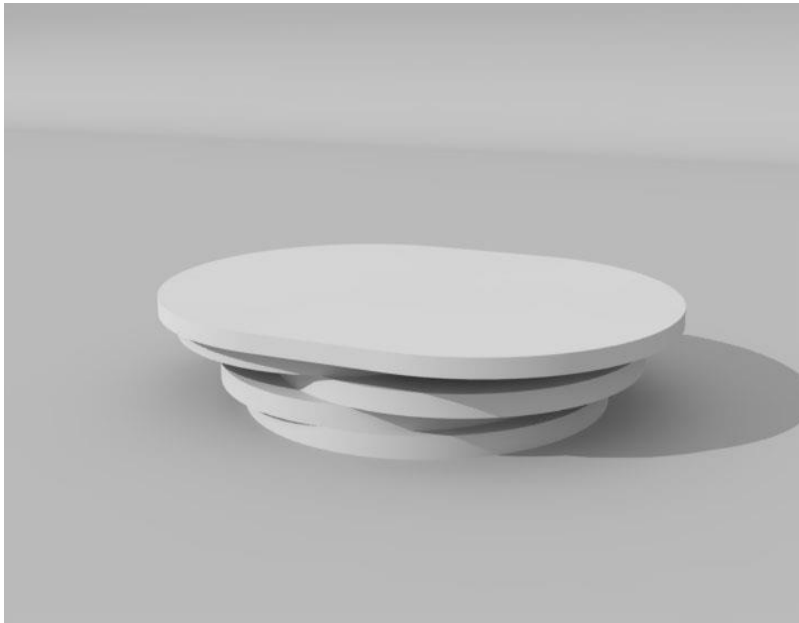


SCALE 1:10 = 1:1

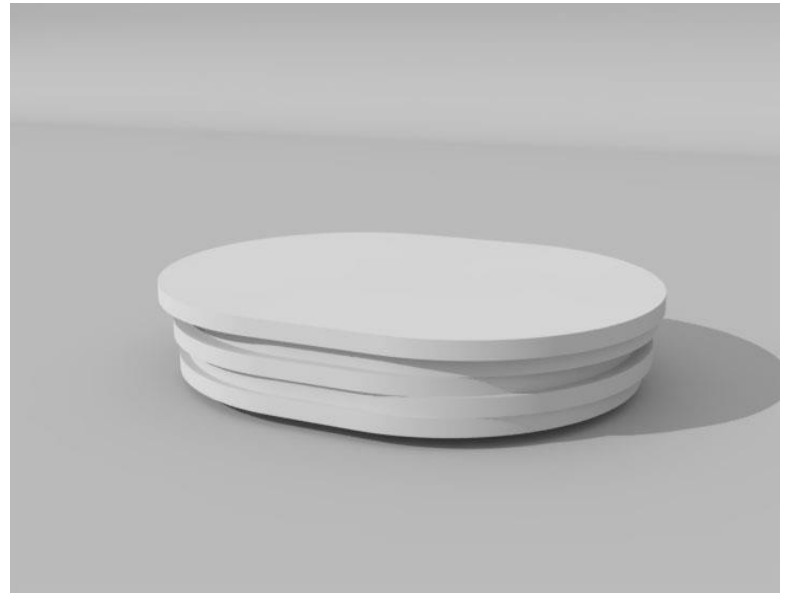
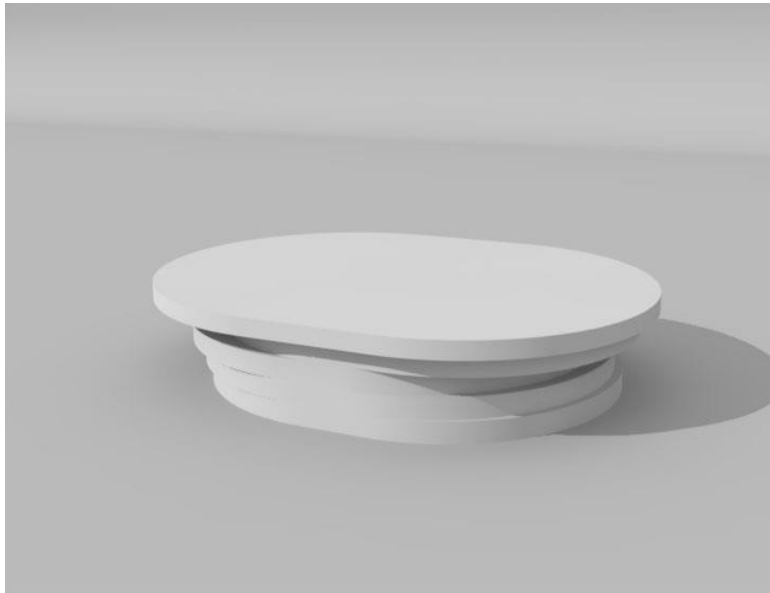
REITER FIT LEADS THE '1st' + RISE BY 250 - 'ENTIRE HEIGHT' - ARCH / PUBLIC STRUCTURE - FUTURE USE - THOSE, DISKAY etc.

2nd + 3rd ARE - BORN SIGHTLY HEIGHT, - SIGHTLY THE FUTURE USE - COULD LEAD ARCH TO SOME, BOUNDED POINTS etc.

RANDOM PLACED RINGS



RINGS NOT SO RANDOM



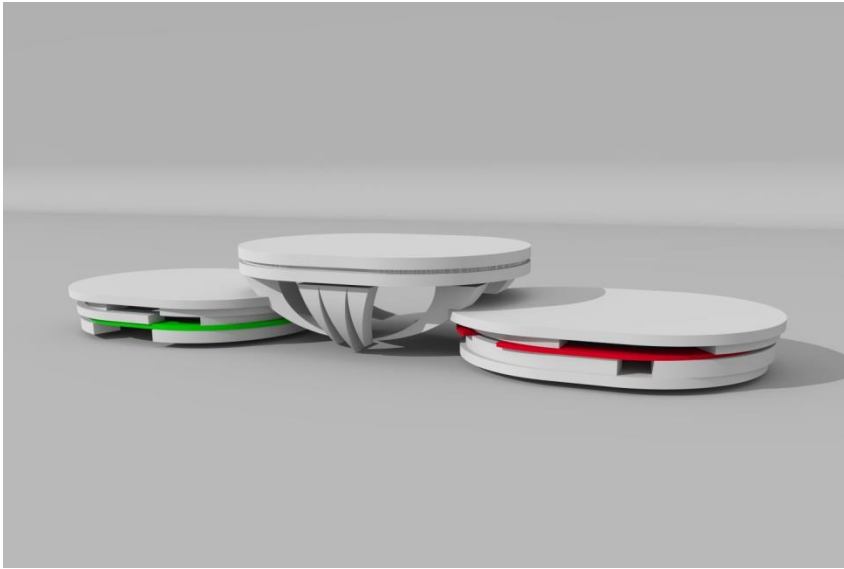
WITH 'LOGO' CENTRE



WITH CENTRE STILL WORKING OUT RING PLACEMENT



ADDING COLOUR INTRODUCING THE GAPS IN RINGS



RENDER IN WOOD FINISH COLOURS AND GAPS ADD TEXT



Proposals of different wood rings introducing the surface logo



Different wood rings, introducing colours for logo



Same colour wood, no logo colours or
same colour wood



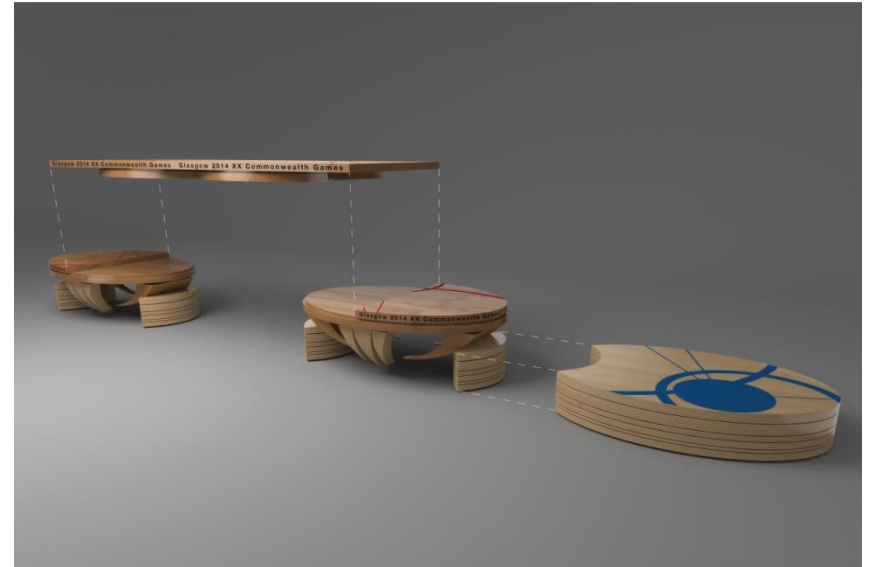
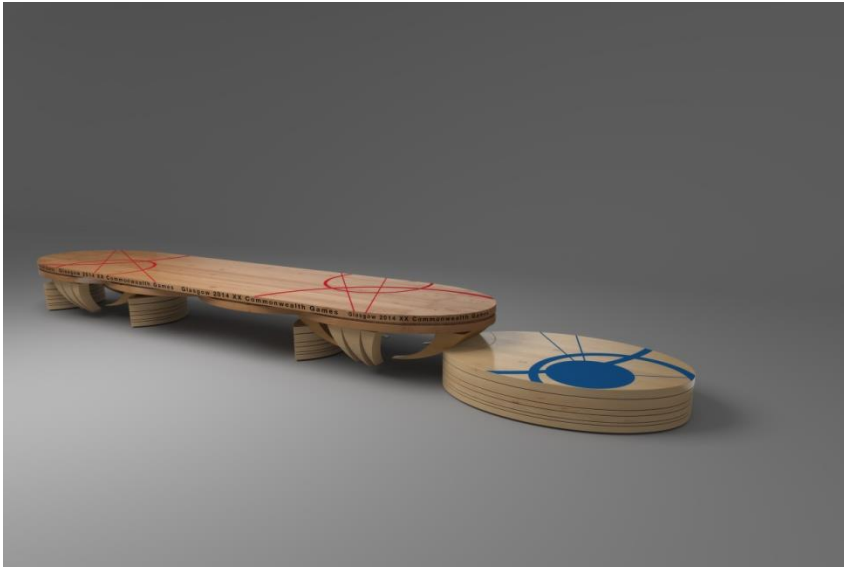
Same colour wood, colour logo or shading for logo



This stage winner



HOW TO CREATE TEAM SETS







DEVELOPMENT TO TEAM SET DESIGN

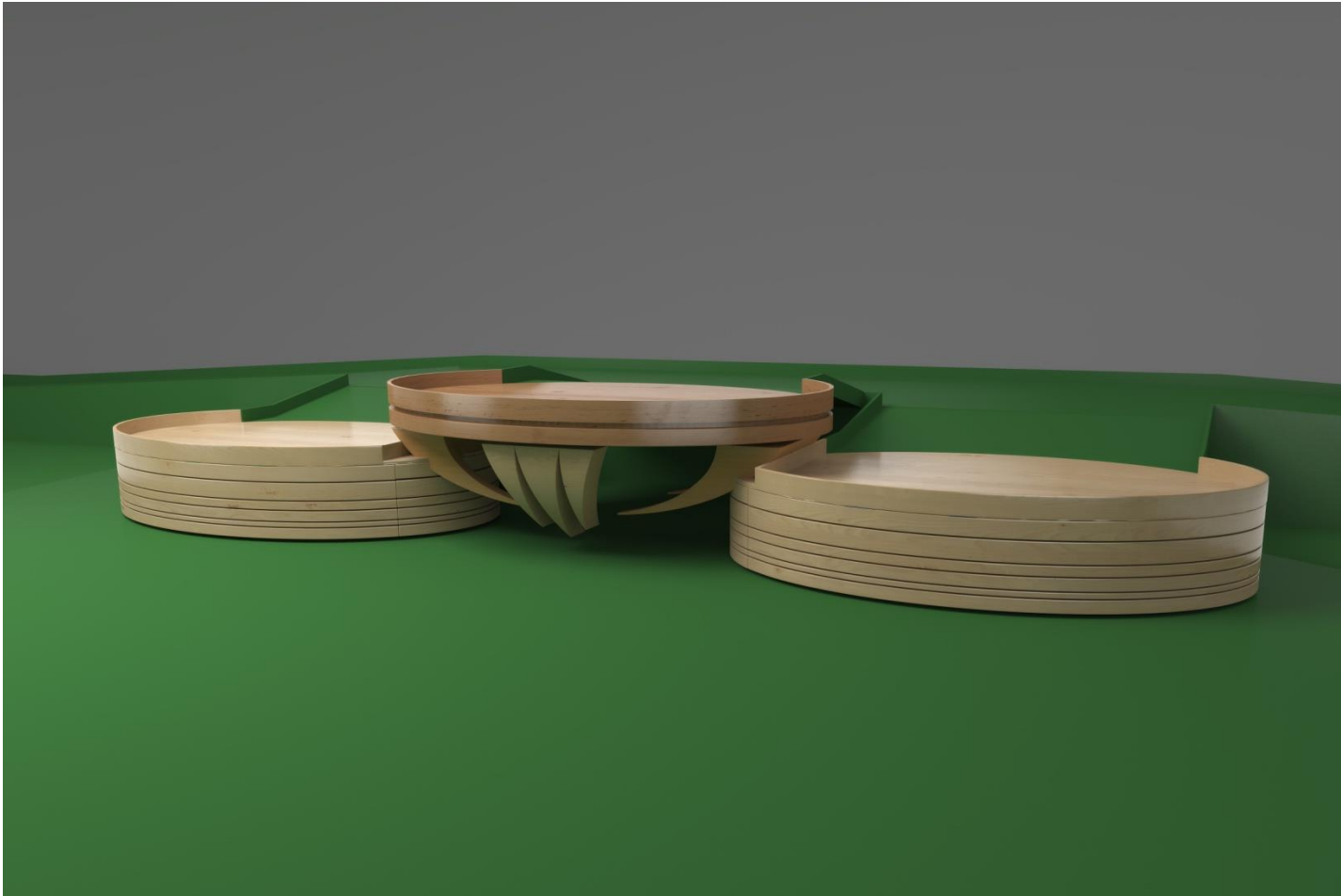


ELM TO BE FULL GOLD TEAM NOT JUST HEIGHT

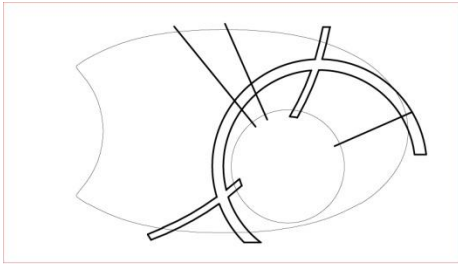




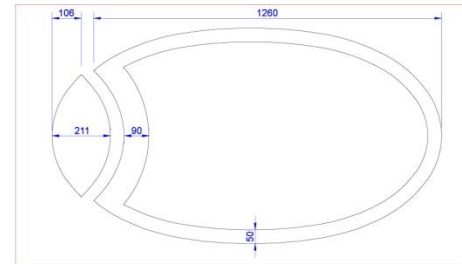
HOW TO WORK WITH RAMPS



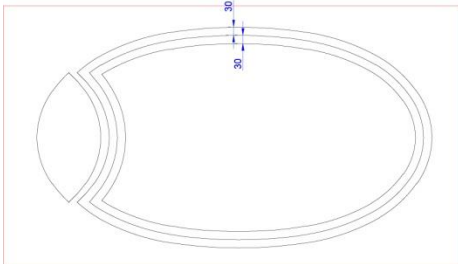
CNC OPERATIONS AND NUMBERS



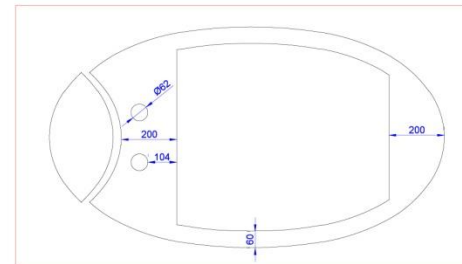
18mm elm top (18off)



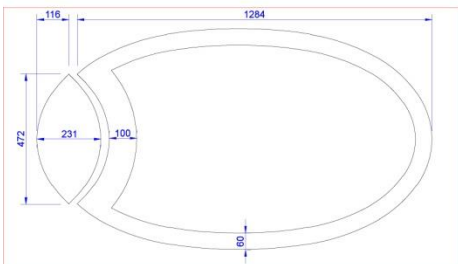
10mm middle ring elm (18off)



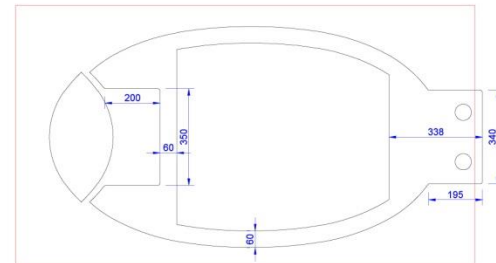
40mm top ring elm (18off)



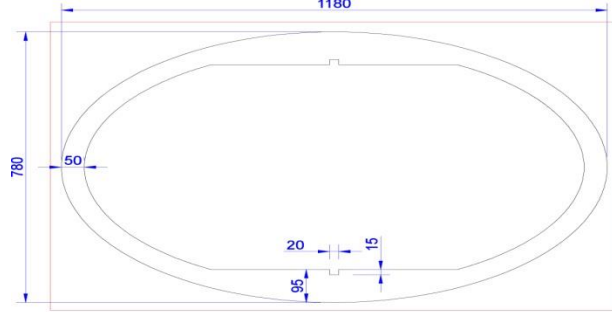
40mm lower rings elm (18off)
20mm lower rings elm (18off)



20mm middle ring elm (18off)
30mm middle ring elm (36off)
40mm middle ring elm (62off)

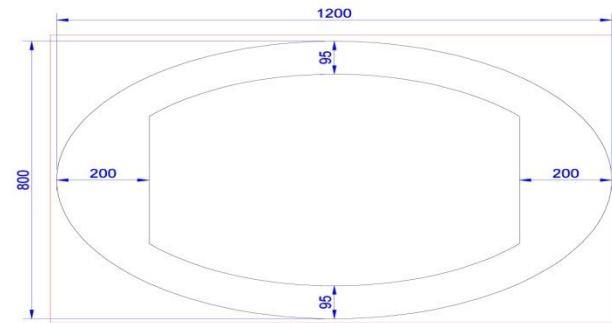
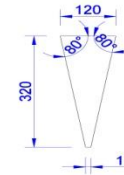


40mm bottom ring elm (18off)



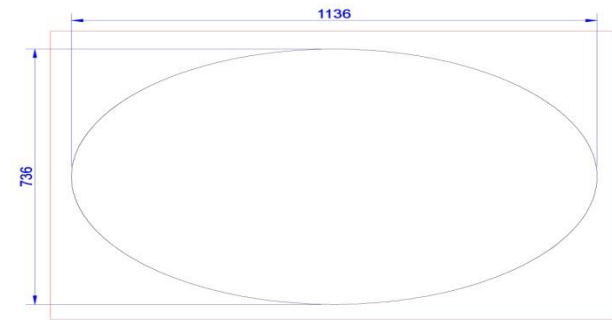
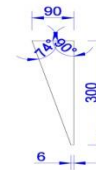
10mm elm
(18off)

Centre tooth (18off)



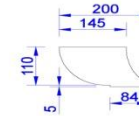
40mm bottom ring elm
(18off)

Left & right teeth (36off)

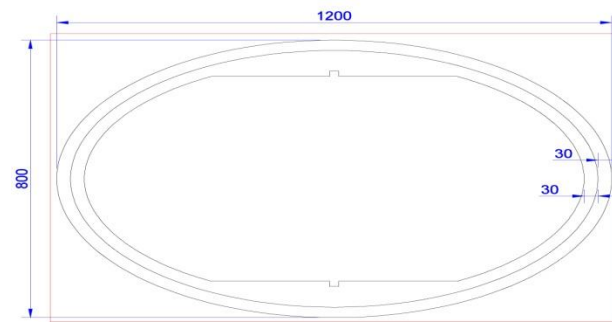
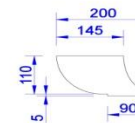


18mm elm top
(18off)

Rear side support (36off)

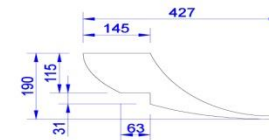


Centre side support (36off)



40mm top ring elm
(18off)

Front side support (36off)



GLASGEA WID



TOWERS OF BLANKS



BLANKS MADE FOR LEAST WASTE AND LAST SUMMER....TAPS AFF!



SANDING THE CNC'D RINGS FROM THE BLANKS



REMOVING FOR WEIGHT



TOP CNC'D BOTH FOR TOP LOGO AND
LID PERIMETER, BEING SANDED OUT



AFTER SANDED OUT



THE CNC



THE BITS LEFT AFTER SANDING OUT



COMPLICATED TO MAKE SIMPLE



NUMBERS

- 96 PODIUMS
- 96 LIDS
- 678 RINGS
- 215 PEER RINGS
- 126 'TEETH'
- 4480 CRAFTSMAN HOURS
- 340 cnc MACHINING HOURS
- 1500 MANAGEMENT HOURS