

Laminated Bowl (BFB) Presentation
for
West Bay Woodturners
San Francisco Bay Area

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May 2014

Inspiration

- Hal Metlitzky work first seen at AWW June 2012



More Inspiration

- Tom Lohman work
- Provided valuable in-process photos



Other Shapes



Bowl by Steve Bonny



Vessel by Hal Metlitzky

Other Laminated Bowl Approaches

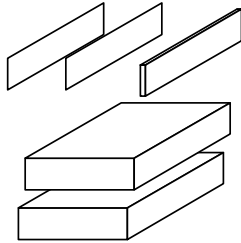


Jim McPhail article in American Woodturning 2005

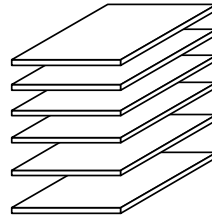
Lamination Bowl Process

Design

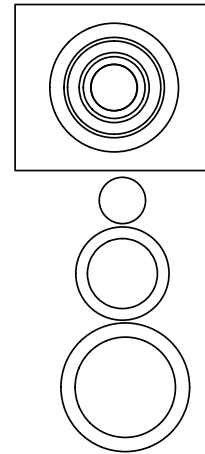
**Block
Preparation**



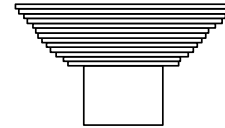
Resaw



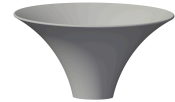
Layout/Cutting Circles



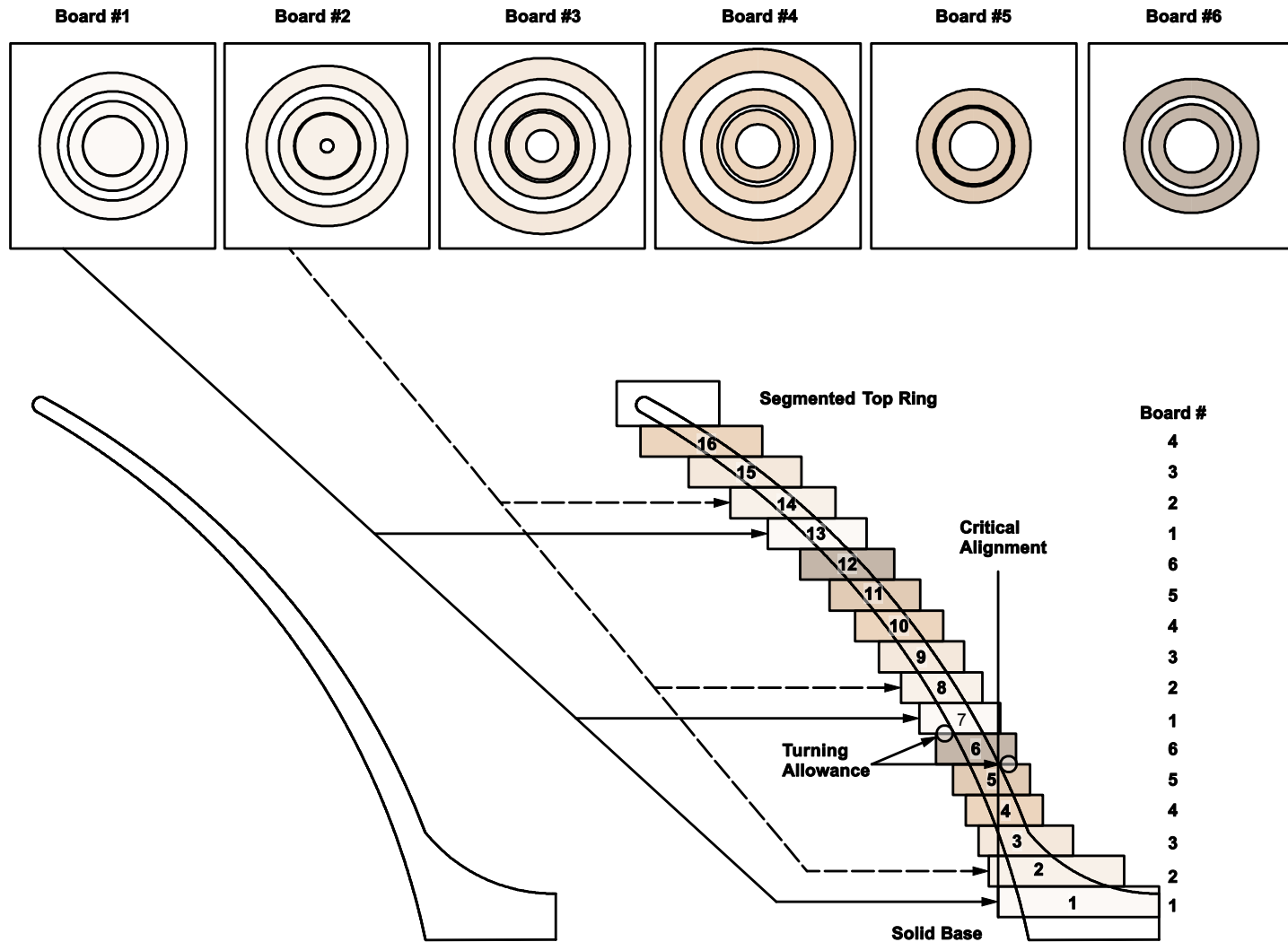
**Stack
Assembly**



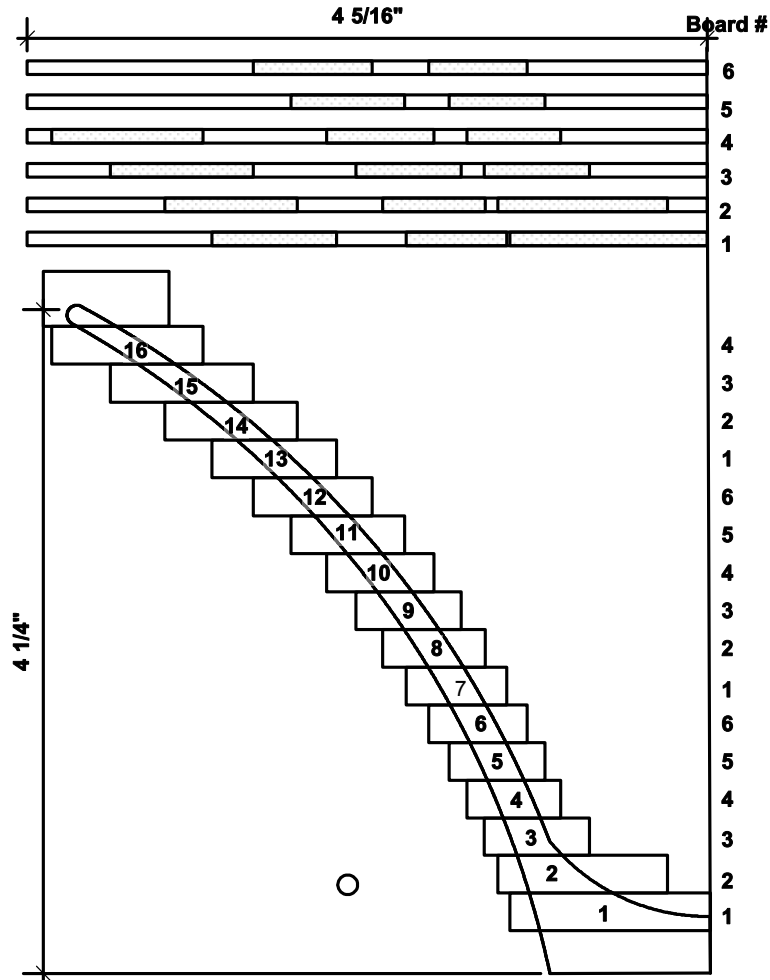
Turning



Board/Layer Relationship



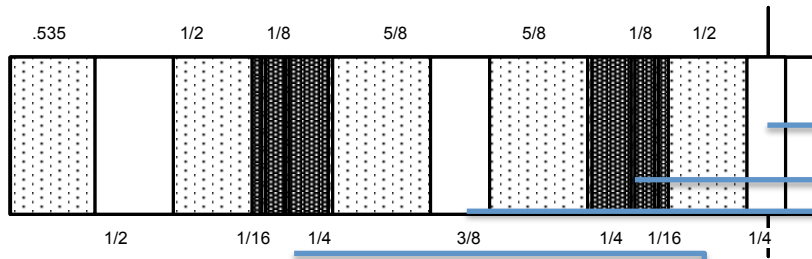
Working Plan







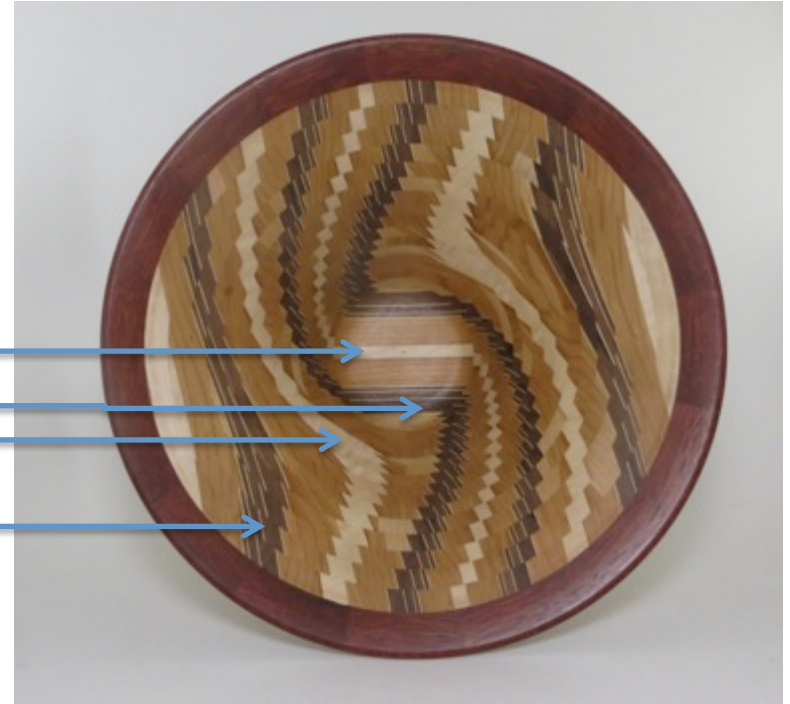
Block Layout

End View Half Block

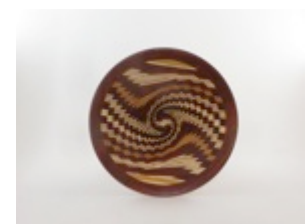
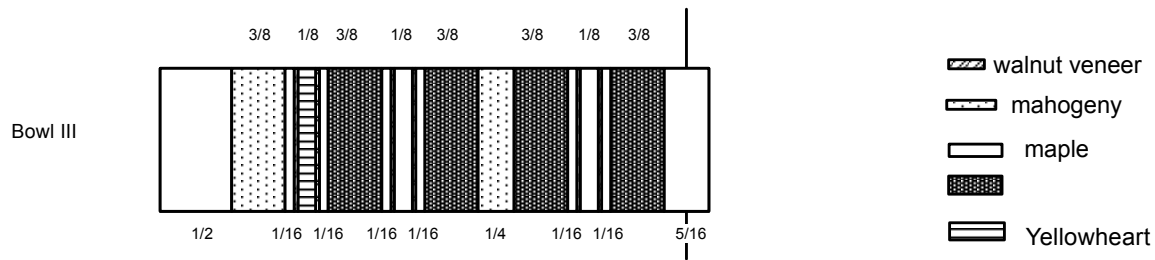
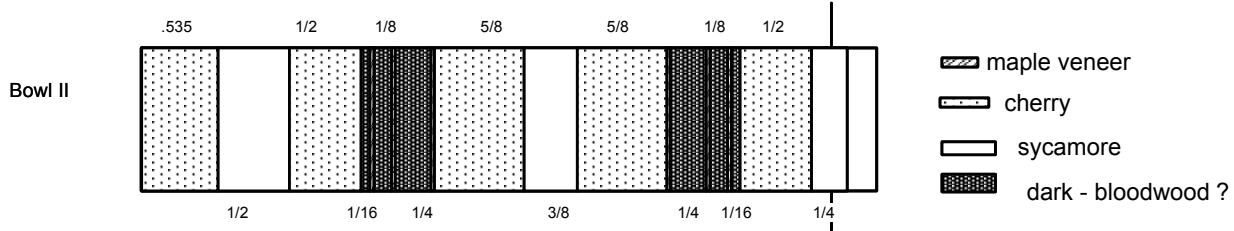
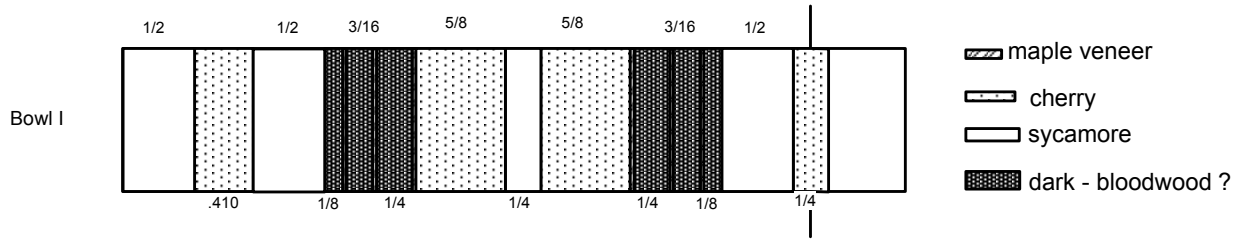
Bowl II



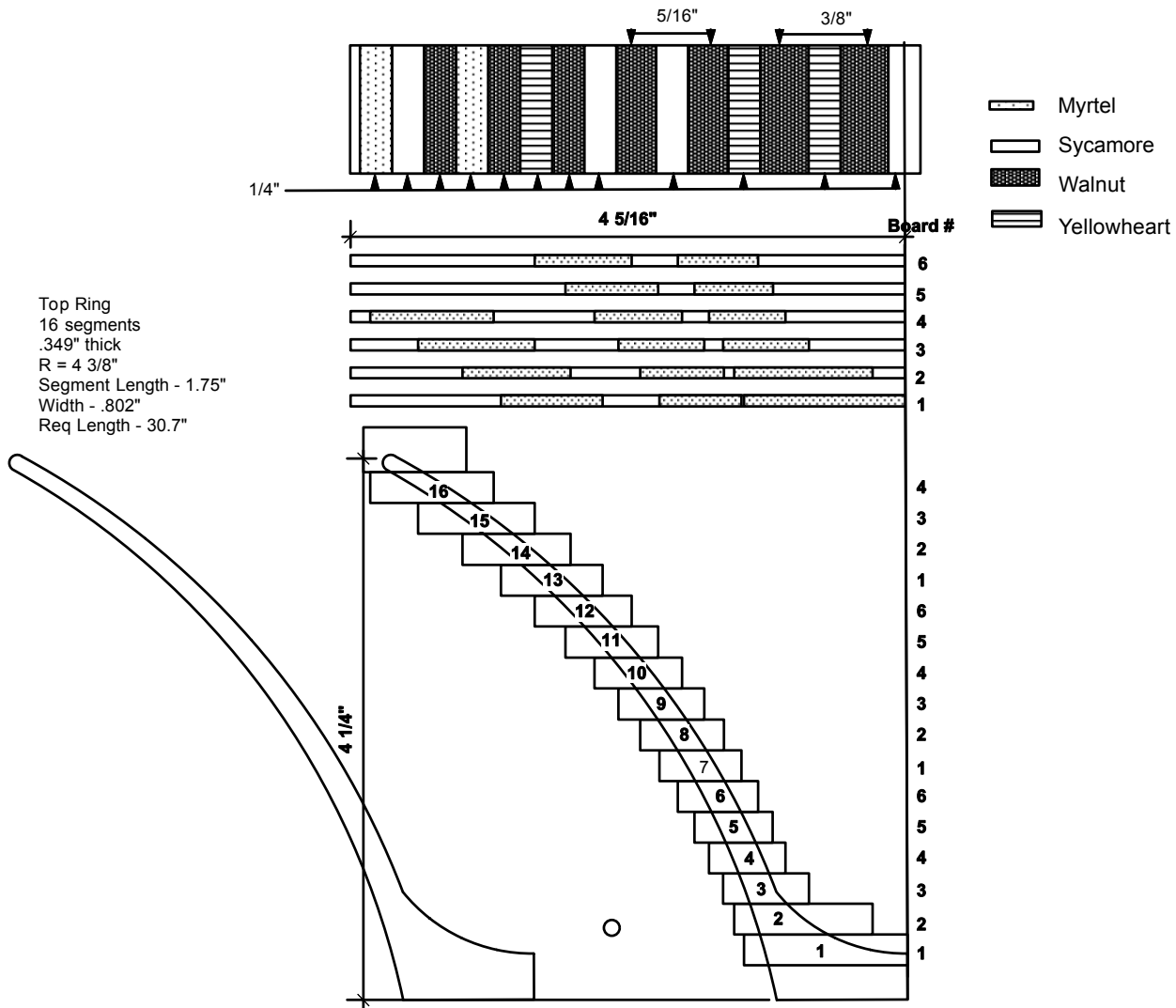
-  maple veneer
-  cherry
-  sycamore
-  dark - bloodwood ?



Block Layout

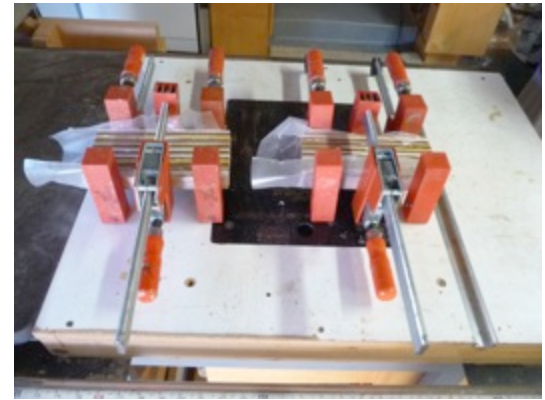


Completed Plan – Bowl V

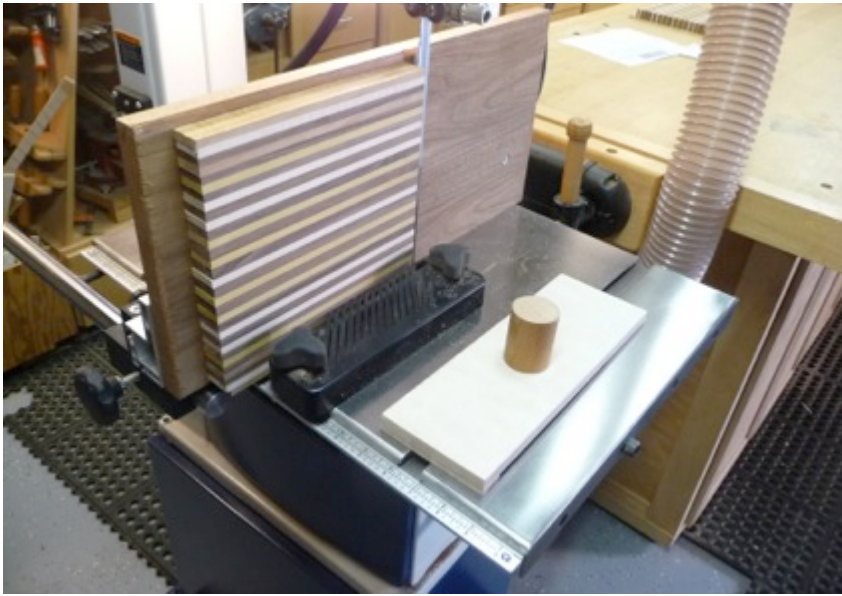


Block Preparation

- Two halves can be kept separate to reduce resaw requirements



Resawing Block & Sanding

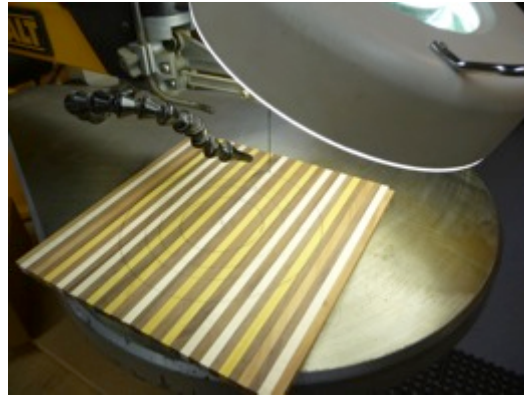


Full or Half Block depending on bandsaw capacity

Circle Layout



Cutting Circles



Full block – scroll saw or parting tool on lathe

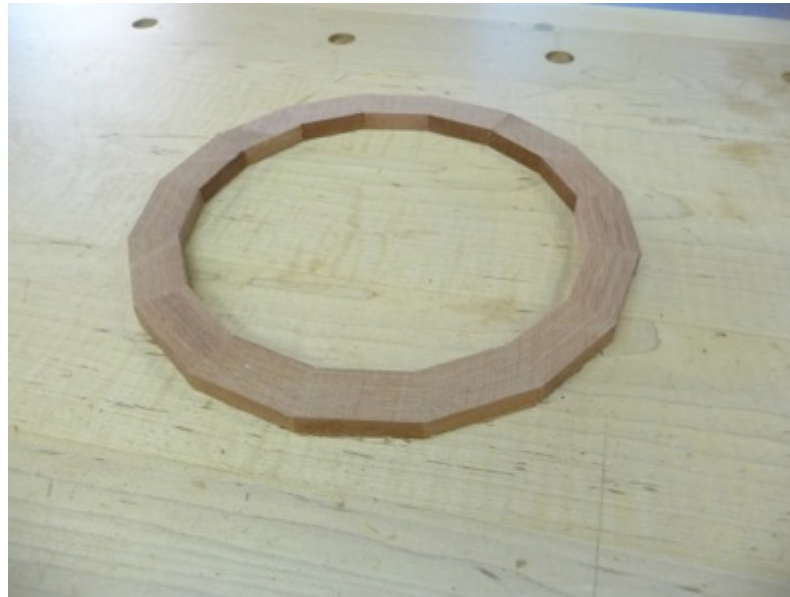
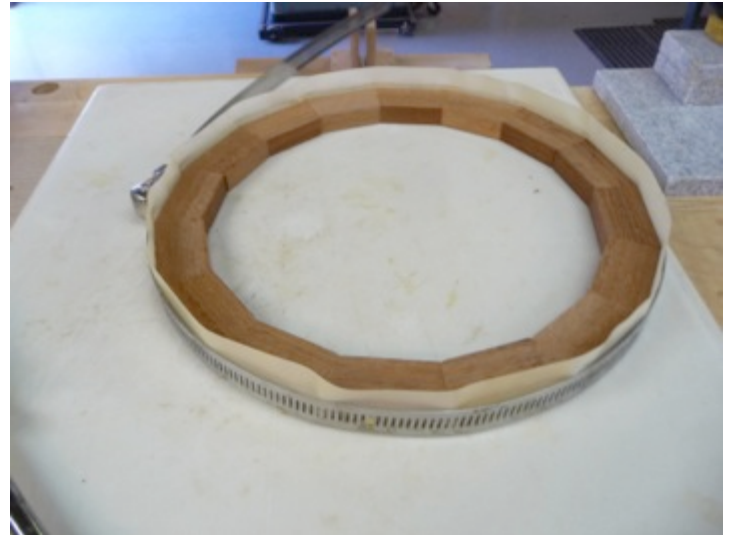
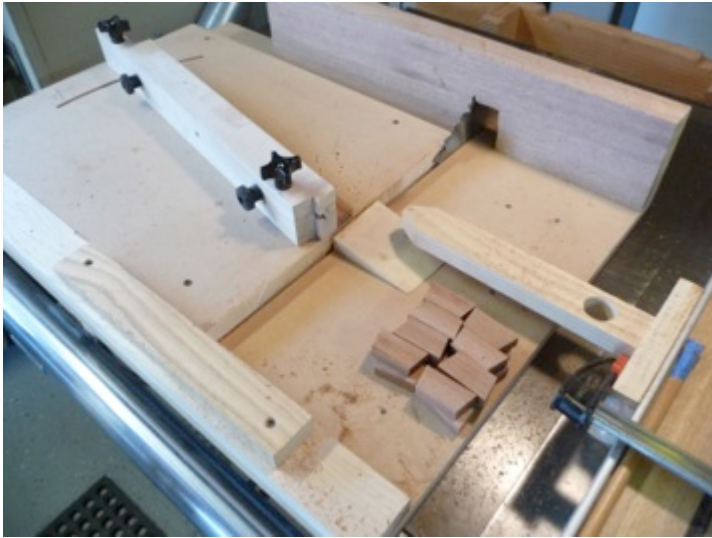
Half Block – bandsaw or scroll saw

Stack Assembly

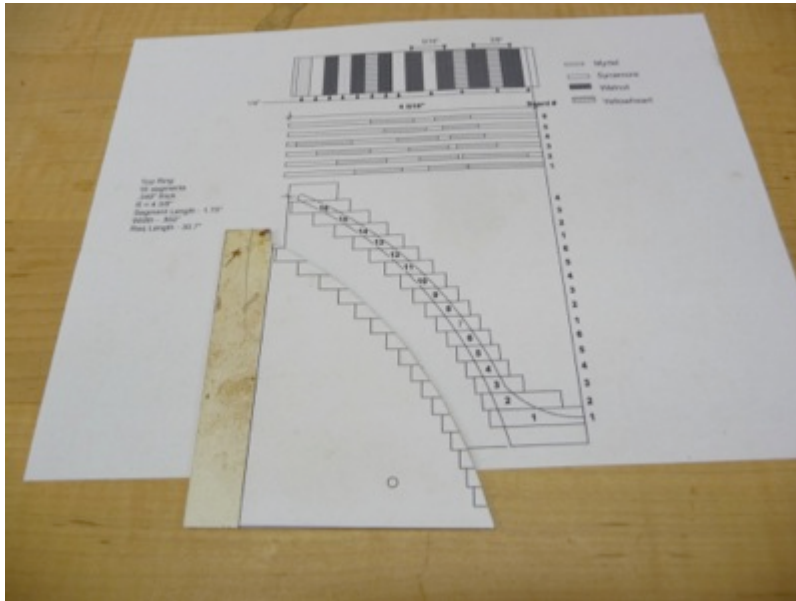
- Half circles glued together and sanded
- Rotate each layer before gluing – dealer's choice
- About 30 minutes for each layer - 25 min glue drying, 5 min truing, sanding, and gluing next layer
- 16 layers – 8 hrs.



Top Ring



Stack Ready to Turn



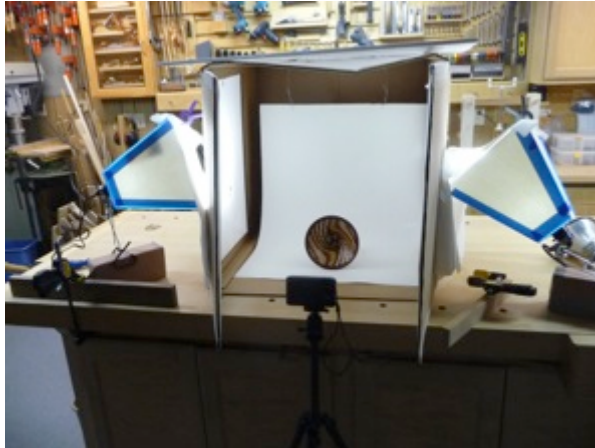
Bowl Turning

- General Finishes Oil/Urethane wipe on
 - Three coats 600/1000/1500 sanding between and final coat



Finished Bowl

24"x24" Shipping Box
Primitive
To be Upgraded



The End