**Inland Northwest Woodturners meeting**

**May 13, 2023 10am Ferris High School**

Meeting called to order by VP Ron Valley @ 10:02 am

Show and Tell—Doug Eaton presenter

Gary Schweigert is updating the name tags—Please sign up if you need a new one, or replace a lost one.

Demonstration—Ed Parry--Mounting and turning a platter (Ed’s notes attached below)

**Design Elements**

* Look at plates in your home for ideas
* Work with the shape of the wood (Fencepost tops)
* Varies with intended use
	+ Decorative (awards) – can get by with narrower base (doesn’t have to carry unbalanced loads
	+ Golden Rule proportions: 2/3 – 1/3 (1.61:1)
		- Rim: 1/3 x radius
		- Face: 2/3 x radius
* Utility (kitchen) – on the table, more stability needed for load carried
	+ Rim / No rim (flat face)
* Sketch out intended profile on graph paper or on edge of wood
	+ 1/3d’s rule (generally):
	+ Rim is 1/3 depth
	+ Face is at 1/3 depth
	+ Base is 1/3d depth (chuck socket is ½ this depth

For 4/4 stock (3/4 -inch):sketch on whiteboard

**Blank Preparation**

* Solid piece
* Glue up for desired width, allow for waste
	+ Edges square to face, or joints don’t close well & blank warps/cups
	+ Quality glue (depends on end use, water exposure
	+ Clamping
		- Firmly, but don’t starve the joint
		- Allow for plenty of cure time – don’t rush it
		- One face flush (for the glue block)
* Clipping corners: Mark at 30% of width to set the 45 degree angle cut

**Process**

* **Mounting**
* **Glue block**
	+ Locator pin (very shallow) – bamboo skewers
	+ Use tailstock for clamping pressure
	+ Combine CA spots (quick hold) with yellow glue if limited clamps
* **Face plate & tape** (use center when turning)
* **Woodworm** **screw** (in face side waste area)
	+ Can serve as depth indicator in face (or a design feature)
* **Pressure**
	+ Widest chuck jaws & opening = best support & resistance to flutter/tipping
	+ Pin blank to chuck with cone center
	+ Use Bedan / dovetail tool to form narrow slot for chuck jaws

**Tools**

* Skew
* Bowl Gouge
* Scraper
* Parting tool

**Turning**

* Start with glue block / face side toward jaws
* Form dovetail socket 1/8” to ¼” deep (4/4 stock)
	+ Less to clean up compared to tenon
	+ Design feature opportunities
	+ Leave a border to bear against minimum ½”, to an inch or more for really wide plates
		- Chuck jaw pressure can split the wood
	+ Hack: use a 2-inch or 2-1/8-inch Forstner to hog out, clean up with skew (or other size to fit optimum chuck jaw diameter in expansion mode)
* Shape back; sand & finish
* Flip; remove glue block with thin parting tool (can reshape & reuse) (paper joint can ease block removal with a chisel)
	+ Shape/sand/finish face.
		- Scraper comes in handy
	+ Rim first (minimize chatter)
	+ Bowl

More (AAW member links):

* [“Plate(s)”, AAW Editorial Staff/Ted Rasmussen, *Woodturning FUNdamentals* (AAW), May 2018, pp 26-29](https://higherlogicdownload.s3-external-1.amazonaws.com/WOODTURNER/WF0702p26-29.pdf?AWSAccessKeyId=AKIAVRDO7IEREB57R7MT&Expires=1684043831&Signature=Jh%2FnPaWO5LjdF2HBWSksUnCrkAs%3D)
* [“A New Approach to a Simple Plate”, Terry Martin, *American Woodturner*, October 2021, pp.14-17](https://higherlogicdownload.s3-external-1.amazonaws.com/WOODTURNER/aa7ee680-91df-a7d6-68ee-0eeddc061cb0_file.pdf?AWSAccessKeyId=AKIAVRDO7IEREB57R7MT&Expires=1684041055&Signature=EtuvTWBoRRAZtt8%2FsCacJX%2BEsB8%3D)

Great Presentation Ed Thanks so much

Wood raffle

Invitation to Riverview retirement center Doug Eaton will be doing a demo on mounting and turning wet wood. May 20, 10am

Meeting adjourned 11:30