

# Making Straight & Curved Waterfall Edges

September 26-27, 2020

## Tool List

- Sliding square
- (2) Card scrapers (one to grind to shape)
- Set of chisels
- Block plane
- Plunge router with 1/4" dia. straight bit, plastic laminate bevel trimming bit (to be used to trim wood veneer)
- Radius jig for your router
- Plastic mat cutting board
- Small retractable mat knife ( KDS cutter S12) or equal
- Plane iron (no plane) used as a trimmer
- Tape measure
- Small flush cut handsaw
- Clear packing tape
- Pencils

## **Saturday AM**

- Description of different types of waterfall edges, vertical, horizontal, large profiled shapes, straight, curved
- Design considerations, historical precedents
- Safety demo by MASW staff
- Material handout
- Demonstration of set up for straight line waterfall
- Students begin construction of straight waterfall

## **Saturday PM**

- Work on first sample
- Demo, mitered corners
- Demo, making the clamping caul, clamping the waterfall
- Finish first sample

## **Sunday AM**

- Curved waterfall edges
- Students given materials
- Demo, laying out the design
- Demo, using a radius jig for routing the first groove and profiling the waterfall edge
- Demo, making the matching reverse clamping caul
- Demo, making the veneer cutting guide

## **Sunday PM**

- Students construct curved waterfall edge 16" long
- Demo, making a very large profiled waterfall edge using a plunge router and a cove bit