

# Coffee Table

## 2. Dimensions

Width: 34 inches

Length: 30 inches

Overall height: 16 inches

Table Leg Height: 15 1/8 inch

Table Top Thickness: 7/8 inches

## 3. Materials:

- a. Cherry Wood 18 bf
- b. Finish First 2 coats of Tung Oil
- c. 3 coats of Shellac

## 4. Photos



### a. Overall photo,

Description. This table was one of those ideas that sat in the back of my head for some time. I wanted a new coffee table for the house and I wanted something

that is, and will be, completely unique - a one-of-a-kind. Since we had just picked up a new corner couch and needed a table to match, the opportunity presented itself. So, I quickly sketched out a concept and away I went. What you see is the outcome of a quick sketch over a cup of tea. Each leg is hand carved with a different face and beard. The transition blocks on each leg was carved after it was constructed to match each face, giving it a flow between the leg and the rest of the table. From the point of starting construction to the end result I would spend somewhere around 60 man-hours of very enjoyable labour.

b. Leg Photo,



Description: Each leg was constructed by laminating together 4 15.5”x 3.5 “ by 7/8 thickness board. Once laminated, I waited 24 hours before removing any clamps. Next, I planed and sanded each block to 3”x3” X15”. Next, I needed to cut out the mortise and tenon. The mortises were all cut by hand with my carving chisels. I would have used a mortise chisel but I don’t have any in my tool kit. Then it was off to the band saw. But first, I needed to draw out the concept on each block. After all, I needed to follow some sort of line with the band saw. The bottom of the leg was somewhat complicated and would require a fair amount of

carving, since the band saw was unable to cut away all of the required stock. The next step was carving. Now, having some experience with carving, that was not difficult, but clamping down the project would be quite difficult. Since the wood I used was Cherry, I had to use considerable force to carve the face. Once the complete frame was constructed, with all of the bracing and gluing completed, it was time to add the transition blocks. Each block had to be custom fitted and custom carved because each block is different and had to be carved that way.

c. Table Top,



Description: The tabletop is constructed of 7/8 inch cherry, laminated together with # 20 Biscuits and clamped for 48 hours. The top was then sanded and scraped by hand until it was as flat as possible. Next, I cut out the top with a band saw, then router and sand the edge prior to the assembly of the table.

The rails would turn out to be a problem since I needed to glue on the transition blocks after the table was constructed. I was unable to bend a 3 inch width 7/8 thick by 18 inches in length with a bend difference of 4 inches to achieve the required shape. I attempted to rip and laminate strips in order to achieve the required bend. That failed due to the size of the wood. So, I then laminated and band sawed the shape out and tested it for strength. I was finally successful by lamination.

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