

Basic Table Platform

Make a Basic Table Platform of the dimensions 48" x 34 1/2".

Materials

4 - 6' x 6" fence slats (PT)*

2 - 2x4s 8Ft (PT)

3" wood screws

*(The fence slats and the 2x4s are pressure treated so that they will not rot outside in the elements.)

Cut 3 lengths of 2x4 to 44 1/2".

Cut 2 lengths of 2x4 to 34 1/2"

Cut the 4 fence slats to 48"

Lay the 4 lengths of 2x4 out in a rectangle with the longer sides inside the shorter ends. Pre-drill two holes in each end of the 2 short sides. Screw the rectangle together with 2 wood screws in each corner. Place the 3rd long 2x4 into the center of the rectangle. Pre-drill 2 holes in each end through the short sides. Screw the 3rd long 2x4 into the center of the rectangle with two screws at each end.

Lay the first slat across one end leaving no overhang. Lay out the other slats. Nail the slats down using 2 nails into each slat on both long sides and in the center.

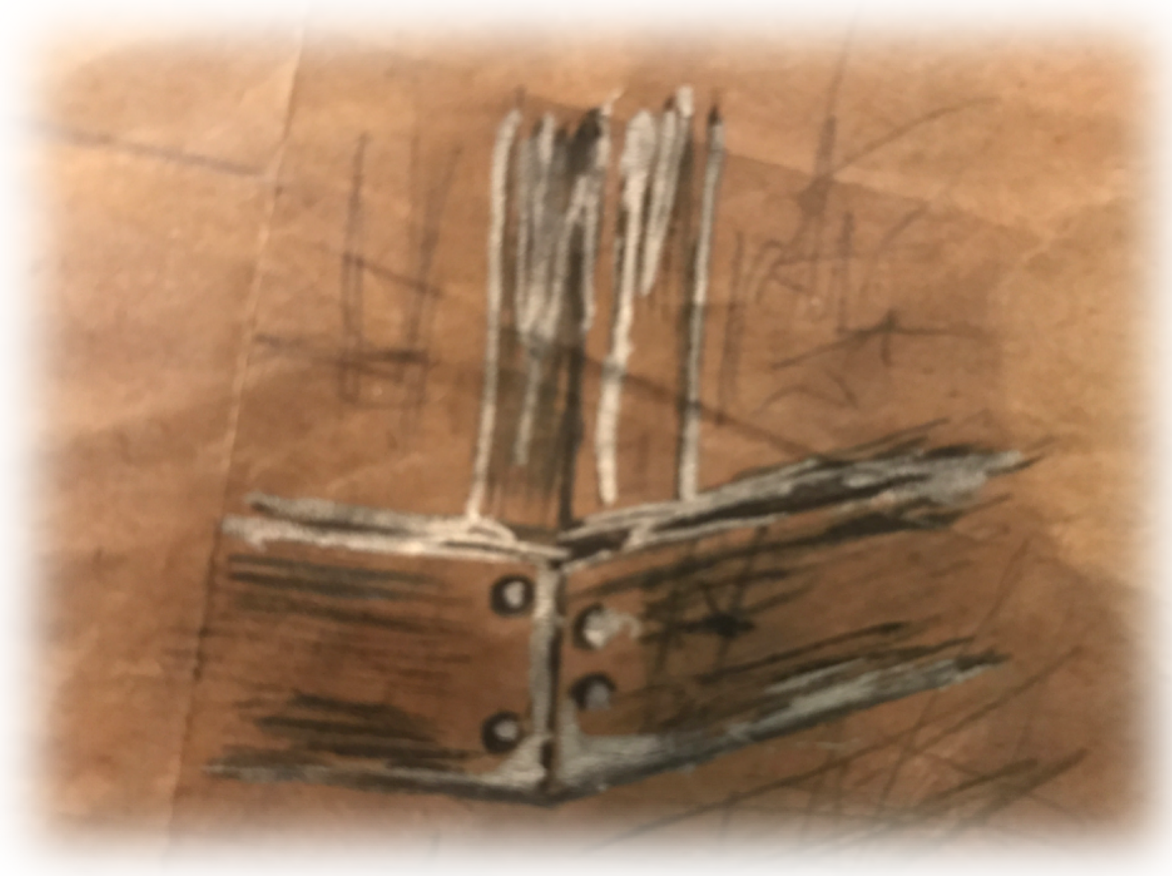
Legs

2x4s (PT) - enough for four legs of the desired length

3" wood screws

Cut 4 - 2x4 pieces the desired length of the legs. Remember you will probably be sitting when you milk. Attach the legs to the underneath rectangle with 4 - 3" wood screws at each corner. Make sure to secure from both

directions so that the leg will not turn. (See image)



Upright Collar Section

3 - 1x6 board 8 ft

2" wood screws

5" bolt with end cap

Cut 2 -1x6 boards to 24". Pre-Drill holes and screw upright to end of platform on each side.

Cut 4 - 1x6 boards to 34 1/2". Pre-drill holes and screw to uprights on each side at top.

Pre-drill holes and screw the 3rd and 4th 34 1/2" pieces to the uprights at the bottom.

Cut 2 - 1x6 boards to 37". Using a skill saw or hand saw cut an oblong indentation out of each side to create a "collar". Attach the hook and eye latch at the top of the collar.



Slide the collar pieces in between the 2 top cross pieces. Screw one side of the collar to the bottom crosspieces, using the 2" wood screws. Clamp the other side of the collar to the crosspiece. Drill a hole through the crosspiece and other side of the collar. Make the hole slightly larger than the bolt, so that that side of the collar moves freely. Insert the bolt and end cap.