

# Home-made Canopy for your N Tractor

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Here are some close-up photos of the canopy and support that I fabricated for my 8N.

I won't refer to it as a ROPS since it is untested and not approved. One issue with this design is that the leveling box can only be adjusted with the 3-point partially lowered.

The canopy support is constructed with 2" X 3" X 3/16" wall tubing and is listing rearwards at approximately 7 degrees. I cut a 42" piece diagonally on the 3" sides and welded it to the front of the support from the base up 42". This is close to the design of a ROPS on a 50 HP green tractor. The support is 56" tall from the base. The base plates are 6" X 7" X 3/4" plate with 1/4" shims to raise the plate above the taper on the axle trumpet, and 5/8" X 7 1/2" grade-8 bolts through the fender brackets, axle and sway bar mounts. The mounts for the canopy are 10" X 10" X 6" X 1/4" plate bolted to 6-1/2" X 1-1/4" X 3/16 mounting brackets.

For the canopy frame, I used 1" X 2" X 1/8" tubing and 1" X 1" X 1/8" angle. The top is 3/16" aluminum diamond deck and is 2" higher in the front than at the rear. Finished size of the canopy top is 47"L X 41"W. I used adhesive weather strip between the aluminum and frame to avoid rattles.

I am 6' 3" and have approximately 10" above my head when seated and no issues getting into the seat.



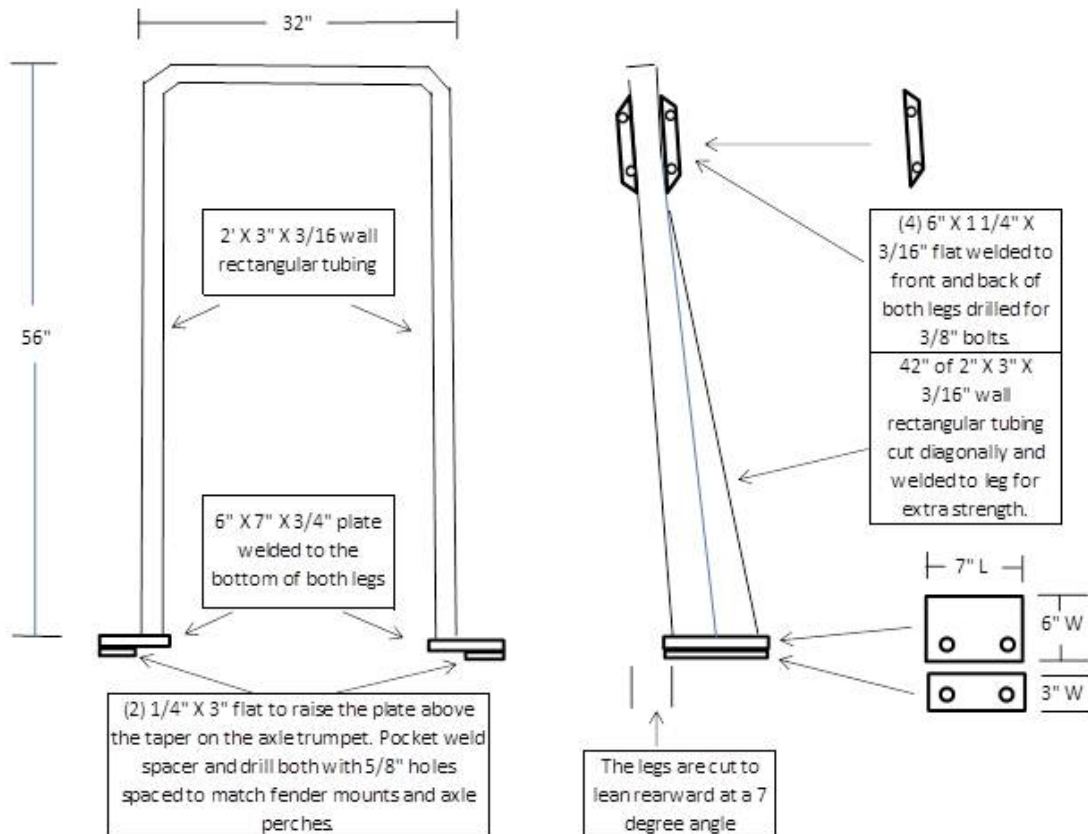








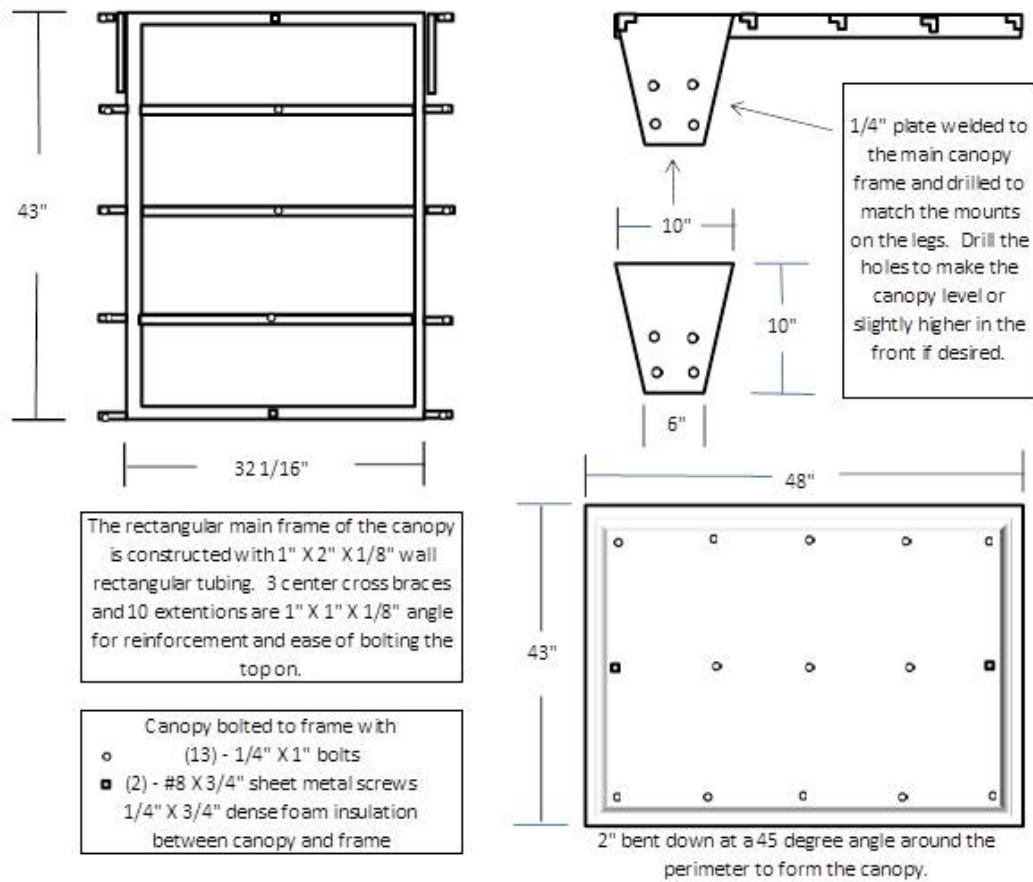
## PLANS FOR CONSTRUCTING A CANOPY AND SUPPORT FOR A FORD 8N



**Disclaimer:** This structure has not been tested as a ROPS and therefore cannot be considered a ROPS or depended on to perform as a ROPS.

That being said, the dimensions of the materials in this structure are equal to those used on considerably heavier tractors I looked at. I replaced the fender bolts with grade 8 bolts and added sway bars when I installed the canopy.





I used 3/32 diamond deck aluminum for the top because I had a piece left from a previous project. Probably any light steel or maybe even wood with a durable finish would work. A steel fab shop bent the edge down in a break. I added 1" X 1/4" dense foam weather stripping between the top and the frame to avoid rattles.

The canopy is 2" higher in the front to avoid water dripping onto the dash and to give me a little more height for getting into the seat. Adjust the canopy to meet your needs by locating the holes so the canopy is level if that works best for your needs.

