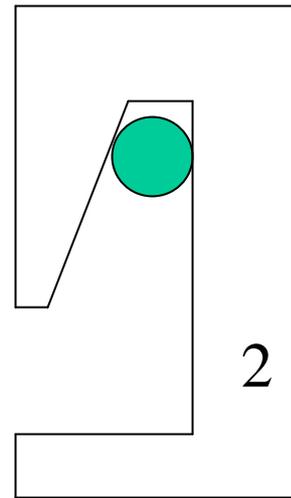
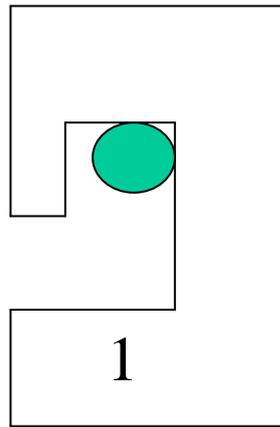


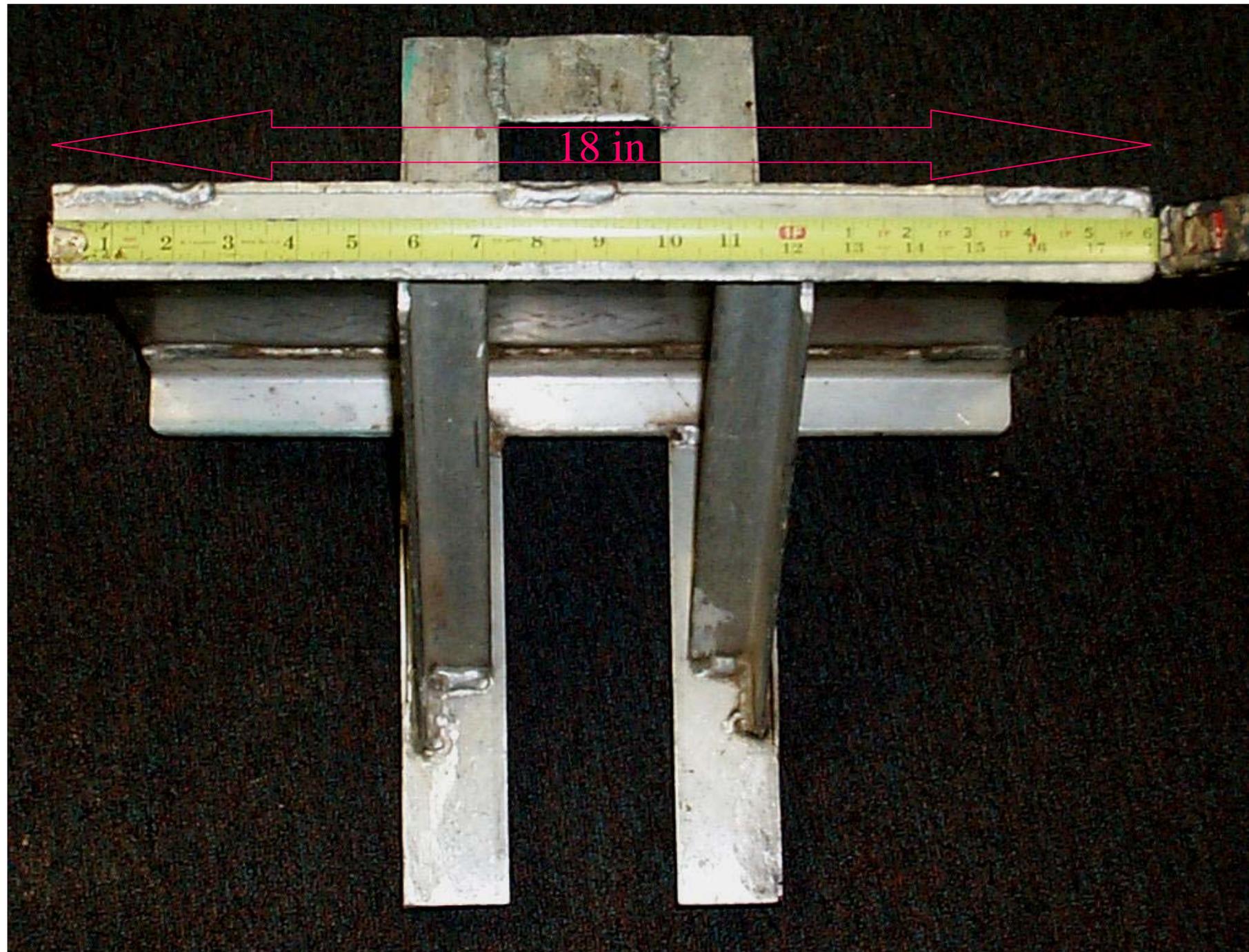
Platforms are made from angle and flat cast aluminum. This material is lightweight, strong and does not rust. All the joints are welded. Cast aluminum can not be welded with a standard welding system. I believe a mig/tig welder is needed. Angle aluminum used for the sides is approx. $\frac{1}{4}$ in thick. Any and all measurements may need to be adjusted for your ladders. I suggest taking these pictures, and a section of your ladders to a metal work shop and asking them to fabricate something similar. Explain what it is used for and how much weight you would like it to hold. Platforms can be constructed with the standing area between the ladder rungs, or level with the top or bottom rung from which it is hung. When constructing a platform also consider if there are any bolts or other things that may interfere with where you will place the platform on your ladder.

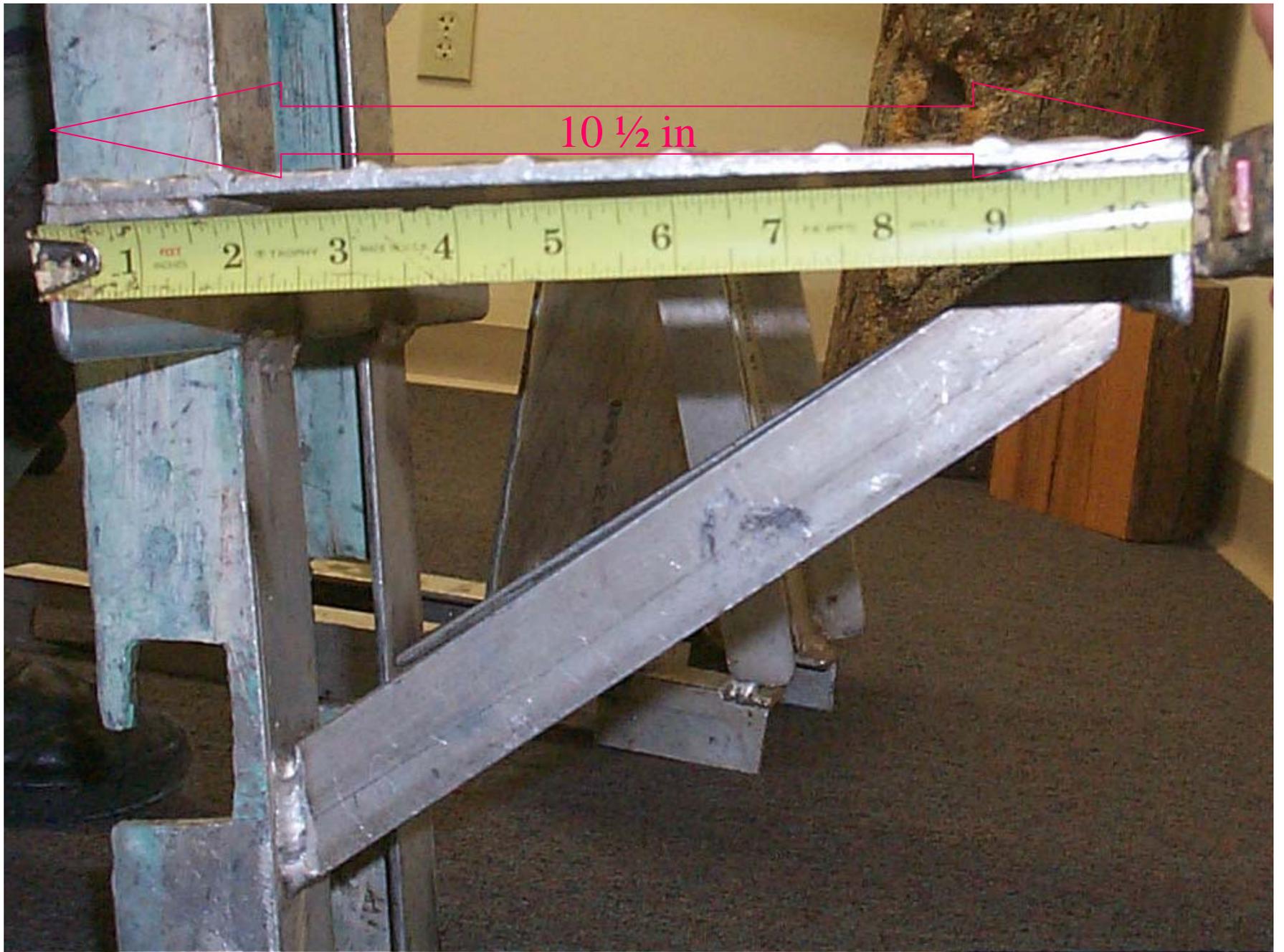
Example 1 is how the ladder rungs currently fit in our platforms which is a little loose. I have been told that cutting the holes as shown in example 2 will make the platform more secure, but could also make it hard to remove the platform if cut to tight.



Straight notch (example 1)





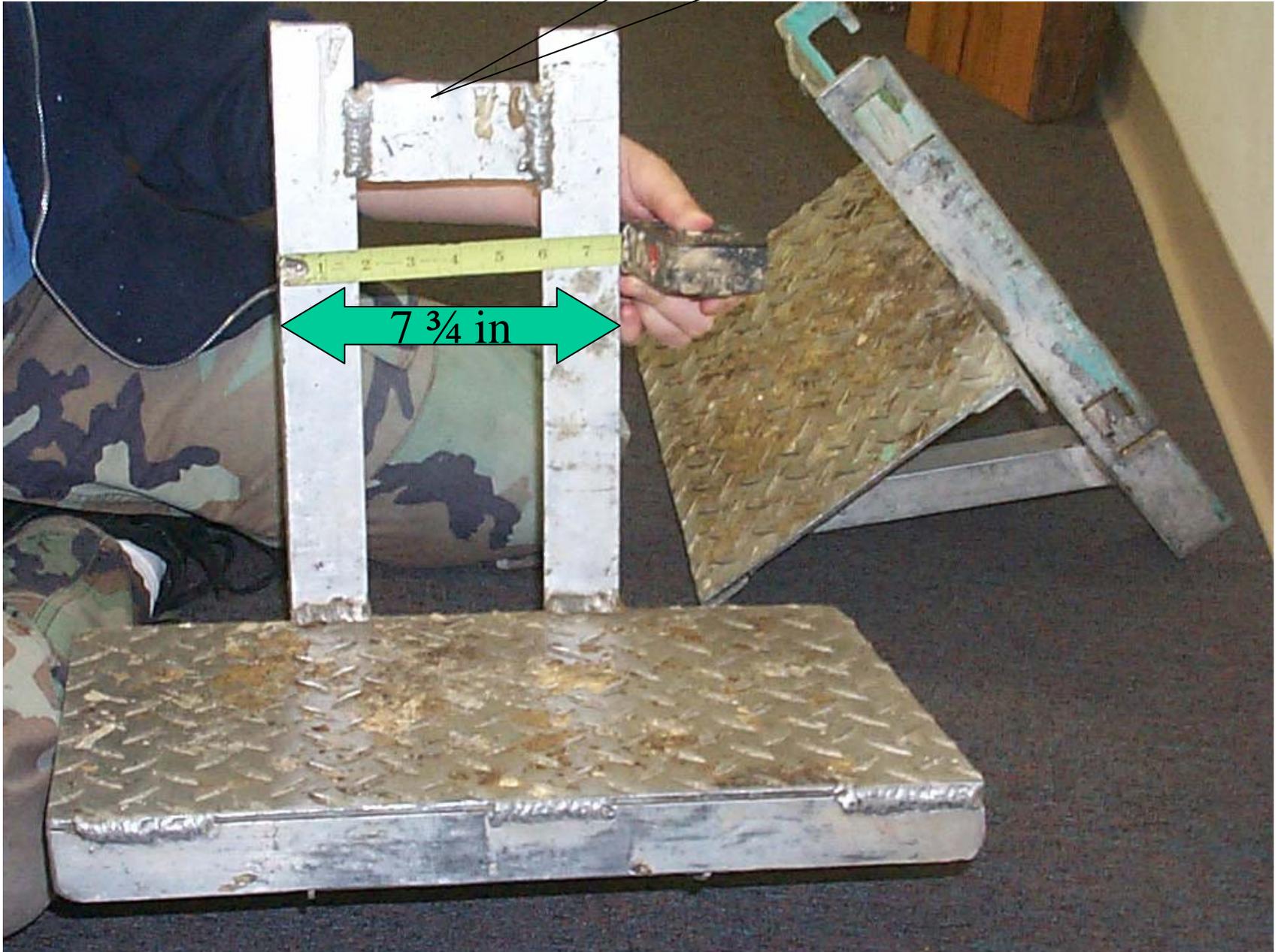


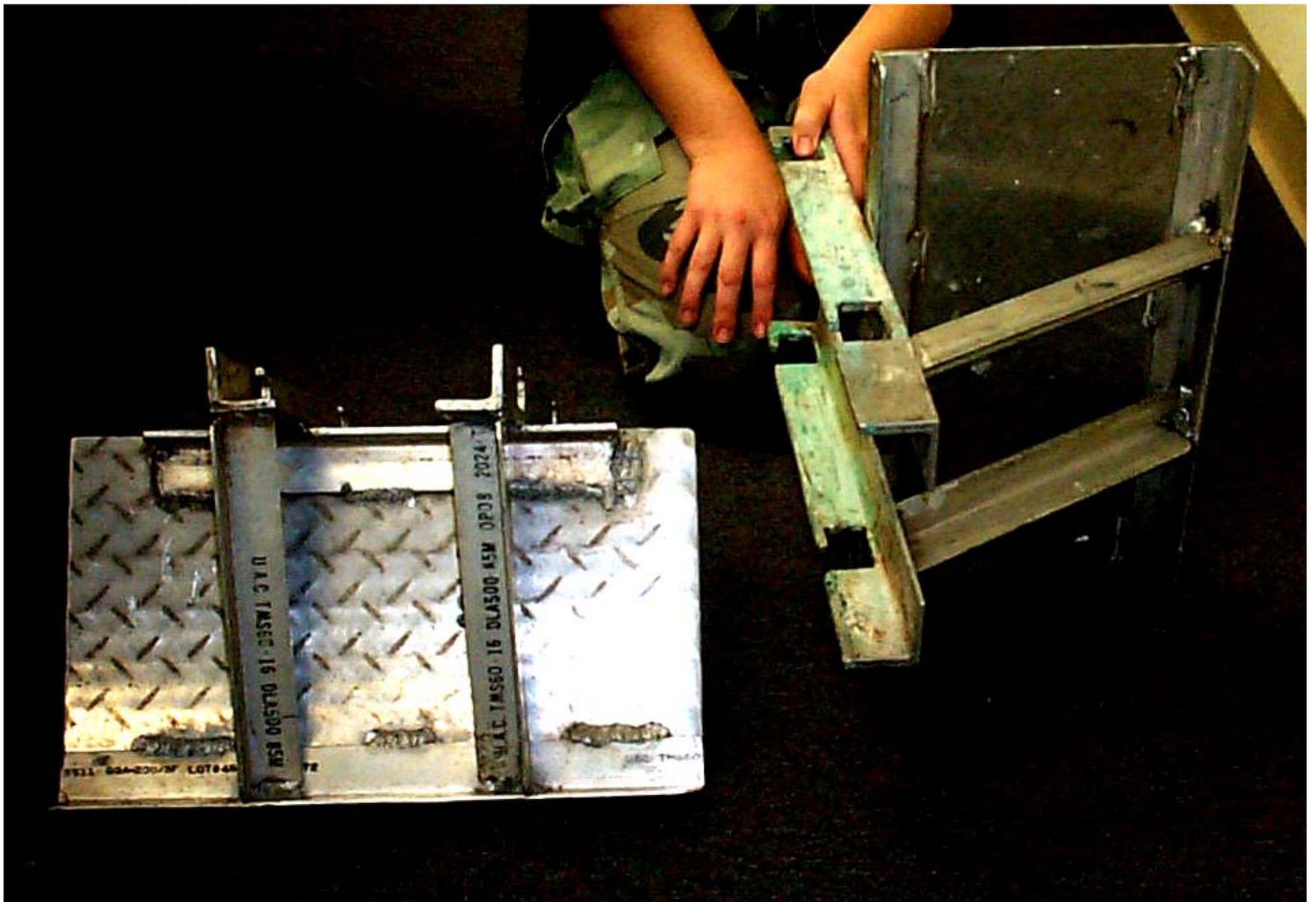
10 1/2 in





Uneven is hard on feet.





Views of the welds on the bottom of the platforms

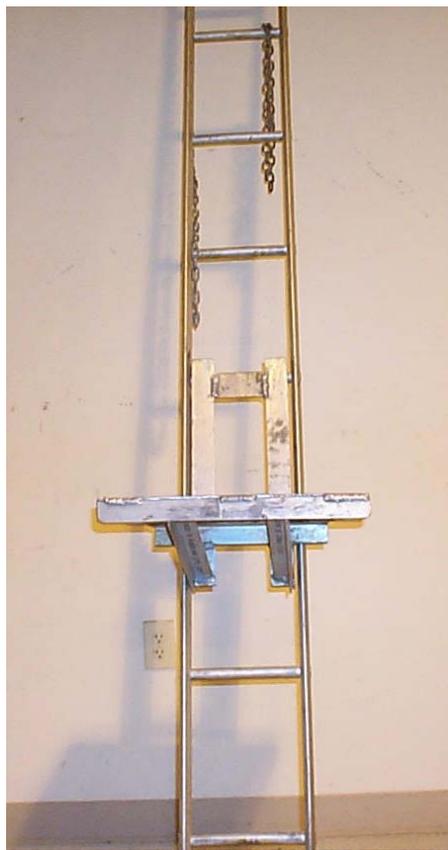


Side view showing a straight cut notch and a standing area between the ladder rungs.

An extra flat piece of aluminum was welded to the angled piece to make it stronger.



Standing area for this platform is level with the bottom ladder rung as it hangs on the ladder.



Next slide shows a platform with the standing area between the rungs.

