

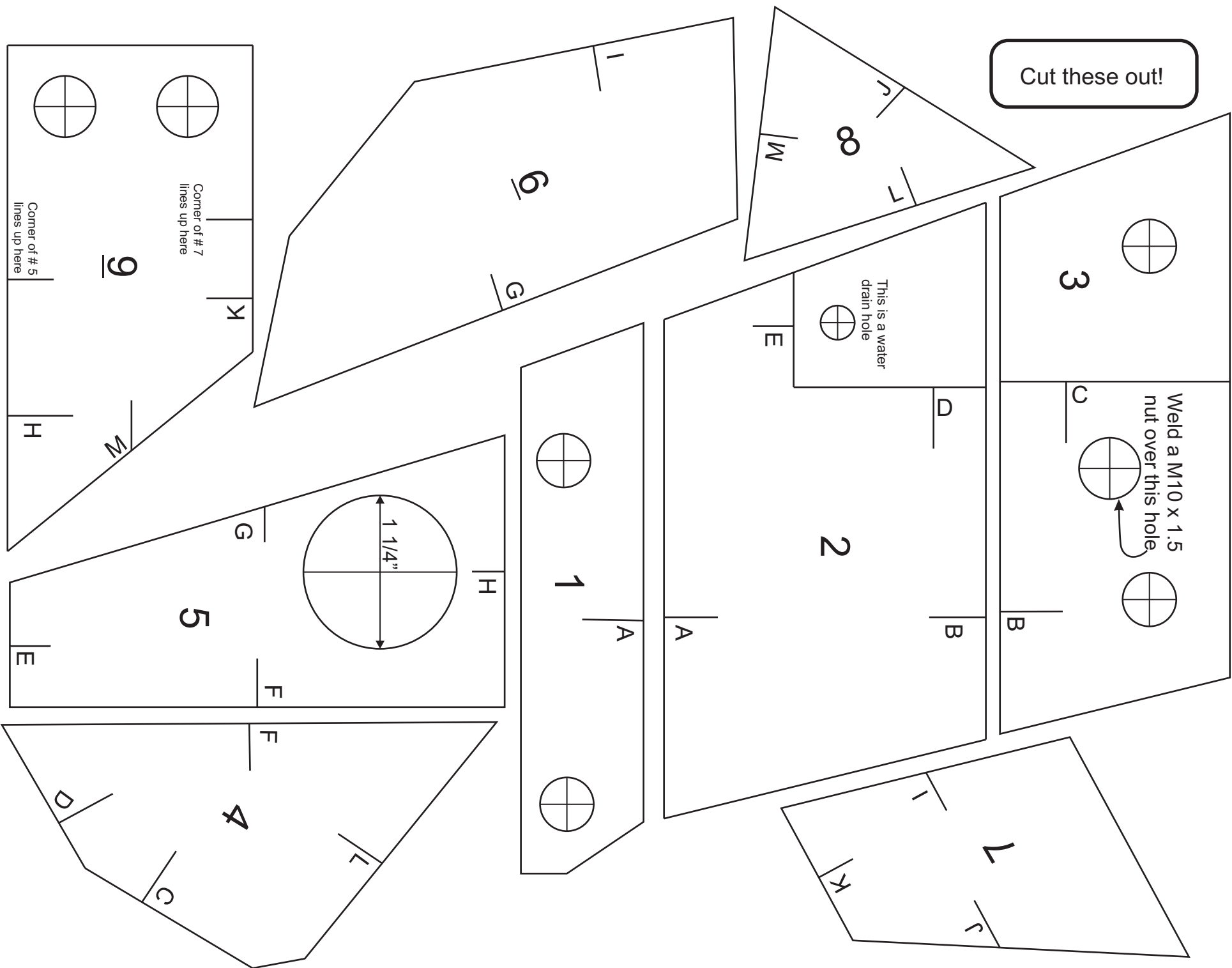
3400 Front Motor Mount DIY Bracket

1. To start off, I should let you know that his mount is made for a 3400 engine swap with a manual transmission. If it's an automatic transmission the bracket needs to be different, and I don't know how much or in which direction or how it affects the other angles. If someone wants to help me out in that department, give me a shout and I can draw up those plans too, but for now, this is just for the 5-speed
2. Gather the 3 different thickness's of metal required for this measurements to work. (shown on pg 4).
3. Page 2 has actual size templates. You can either print that page off and cut those out and use them to cut your metal, or you can use the autocad cut file and take it to a laser cutting place and have them cut the pieces for you.
4. I recommend welding together pieces 1,2,3 first. The angles for which these should be welded together are shown on page 5. A jig may be a good idea here since the pieces are funny shaped and having the proper angles is very important.
5. Weld the rest of the pieces on in the order that they are numbered. So do number 4 next, then 5, and so on. This should insure that the pieces line up correctly. Pay close attention to all diagrams as not all pieces fit flush against one another. So don't freak out if things aren't butting up flat.
6. I recommend a lot of test fitting and tack welds before completely welding everything up. If holes aren't lining up or the angles are off, let me know and I'll adjust the drawings accordingly. I based these drawings of the JBP mount, so if things ain't right, that's why.

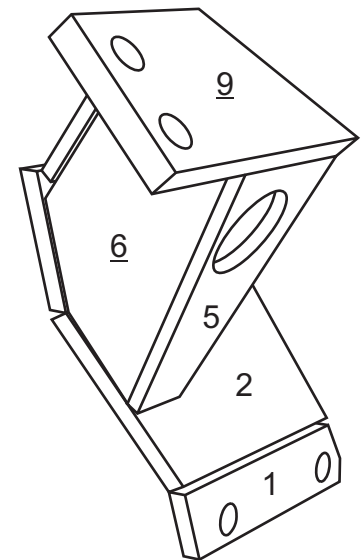
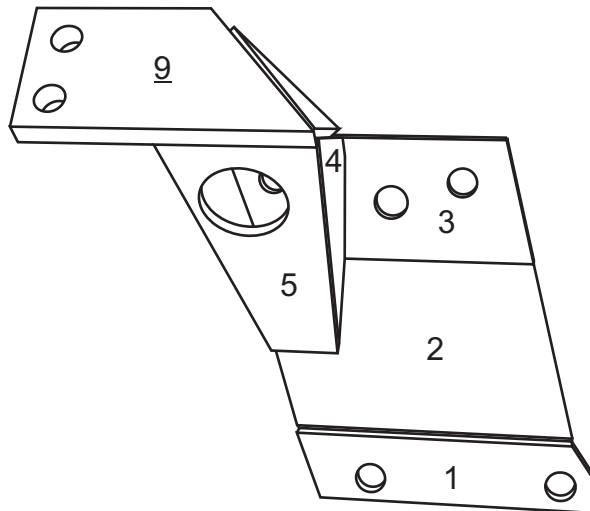
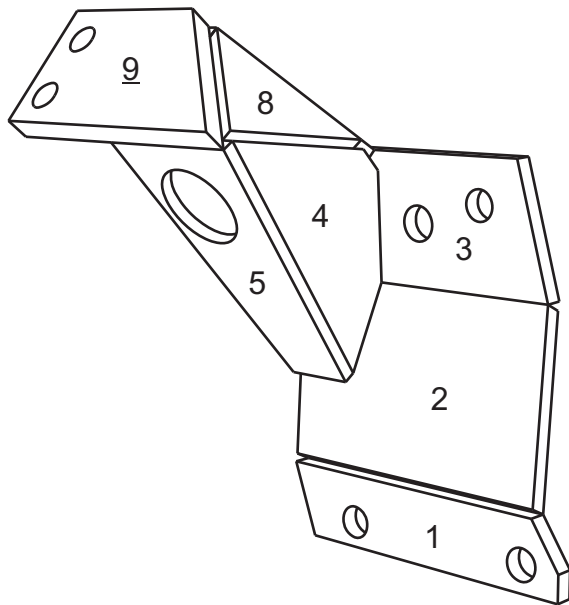
Also, if you have any suggestions as to how these drawings and instructions could be better, let me know and I'll add it in.

Made by Rocketeer2001@hotmail.com

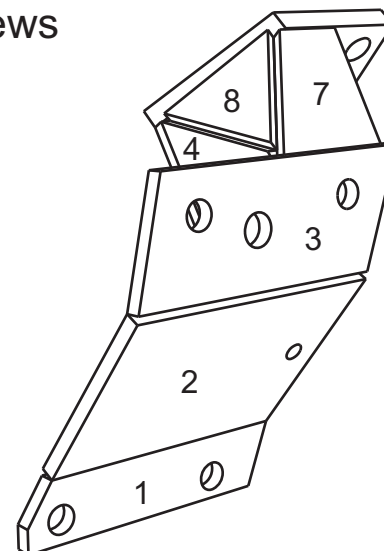
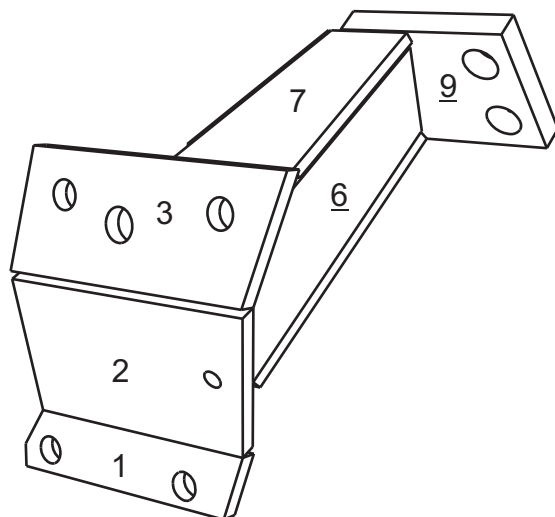
Cut these out!

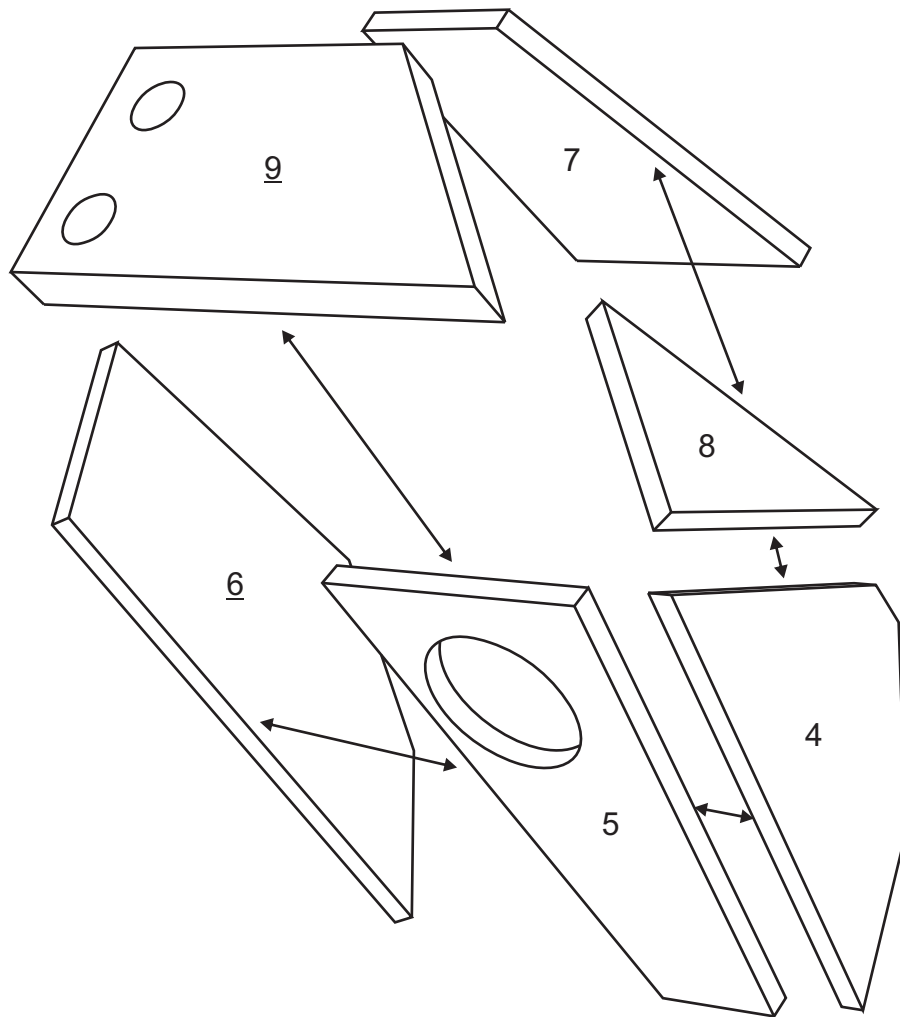


Front Views

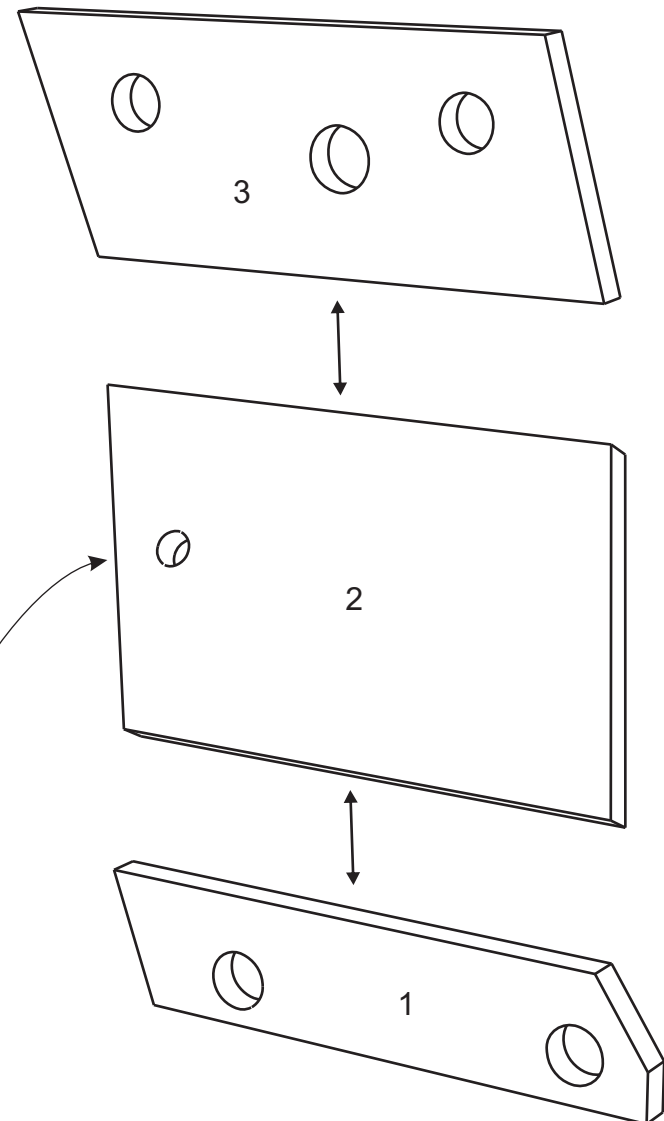


Rear Views





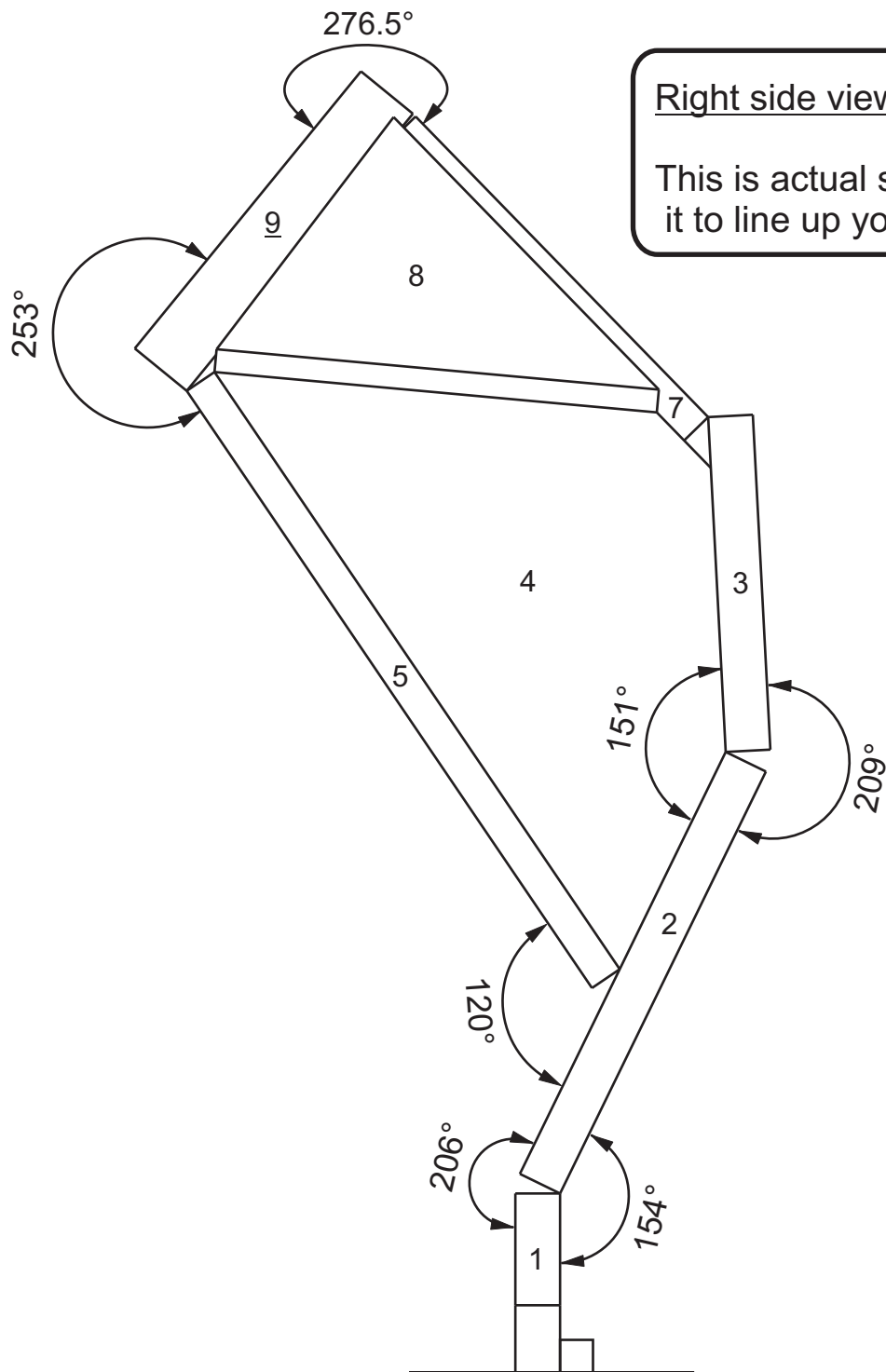
-holes are $\frac{7}{16}$ " in diameter on 1 and 3, except for the center hole on piece 3. That one is $\frac{1}{2}$ ".
 -holes on piece 9 are $\frac{1}{2}$ " in diameter.
 -Big hole on piece 5 is $1\frac{1}{4}$ " in diameter.



Thickness of Metal:

1,2,3 are $\frac{1}{4}$ "
 # 9 is $\frac{3}{8}$ "
 # 4 to 8 are $\frac{3}{16}$ "

NOTE: This is a water drain hole so that if water gets in that big hole, it'll drain out and not sit in there and rust.



Right side view of required angles

This is actual size, so you can use it to line up your pieces.

Top view without piece 9

This is to show how 4 to 8 line up in relation to one another.

