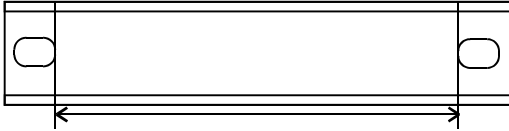


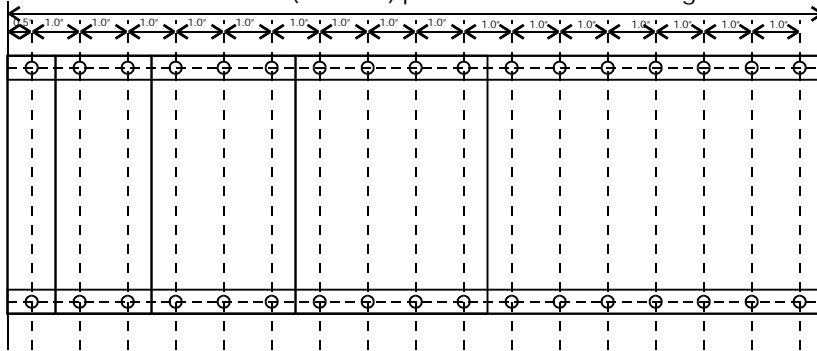
Rack it all up



20" is longest uninterrupted length in most commercial 18ga. "2x6" steel studs

Start with a length of 2x6 or 2x8 steel stud, 18 Gauge or heavier

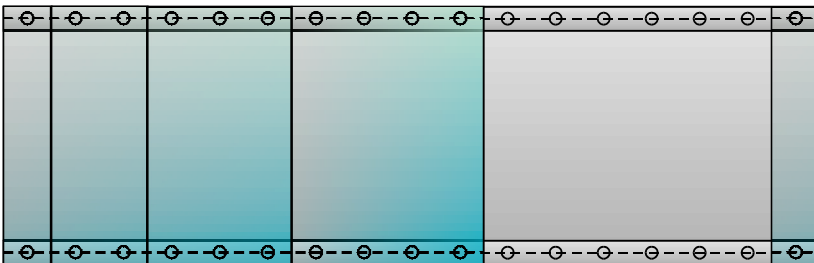
Cut a clear (no holes) piece of steel stud 17" long



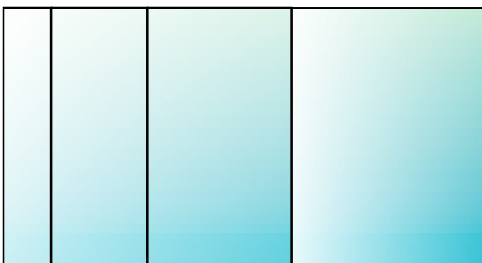
Cut a piece 17" (if you want to put the rack into a 19" relay rack) to 20" long.

Mark and drill holes 1/2" from one end and 1" thereafter on both flanges of the open side.

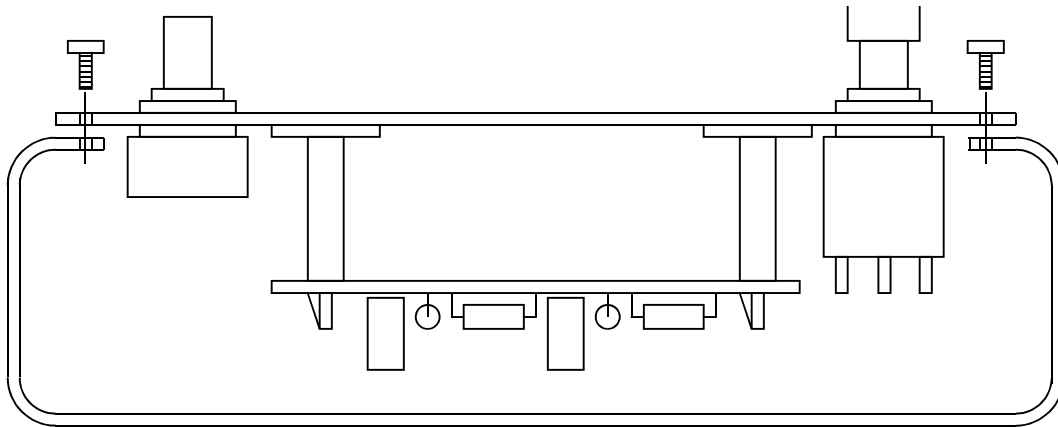
If you're good, drill them holes and tap them for #6-32 screws.



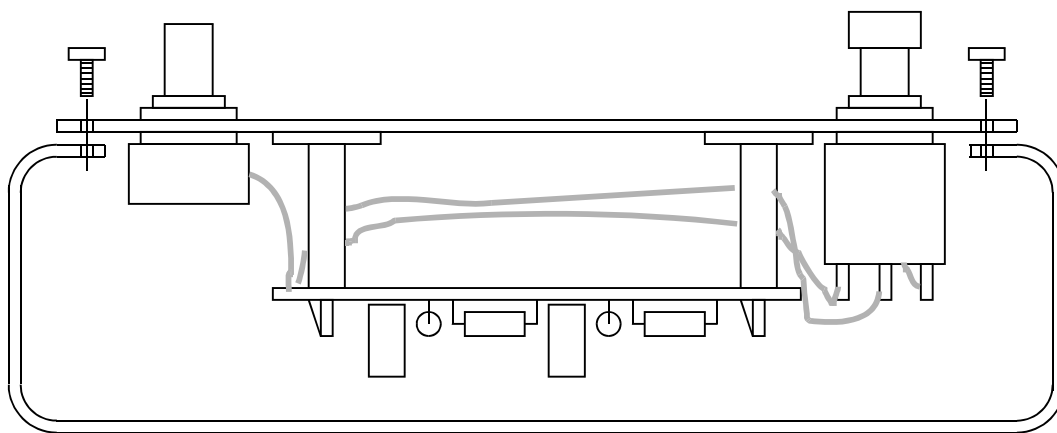
Cut rectangles of aluminum to fit over the open side. Cut more than just cover the ends. These become your "enclosures."



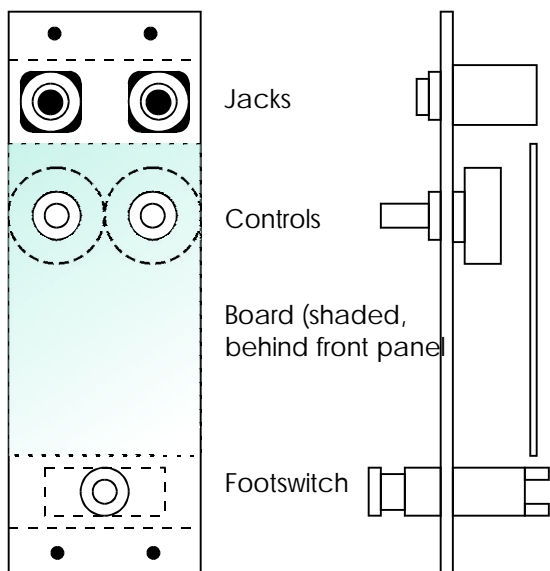
The aluminum blanks will get cut and drilled to receive the effects.



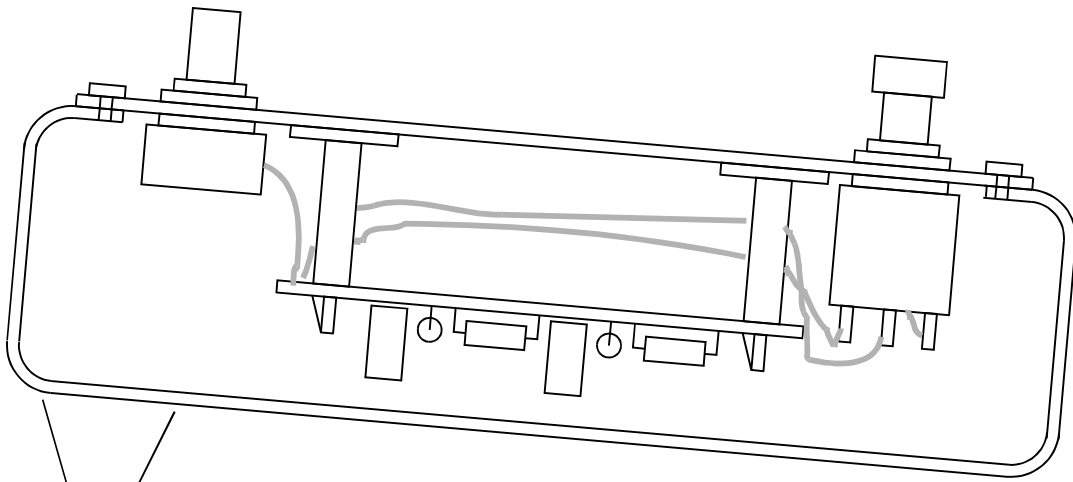
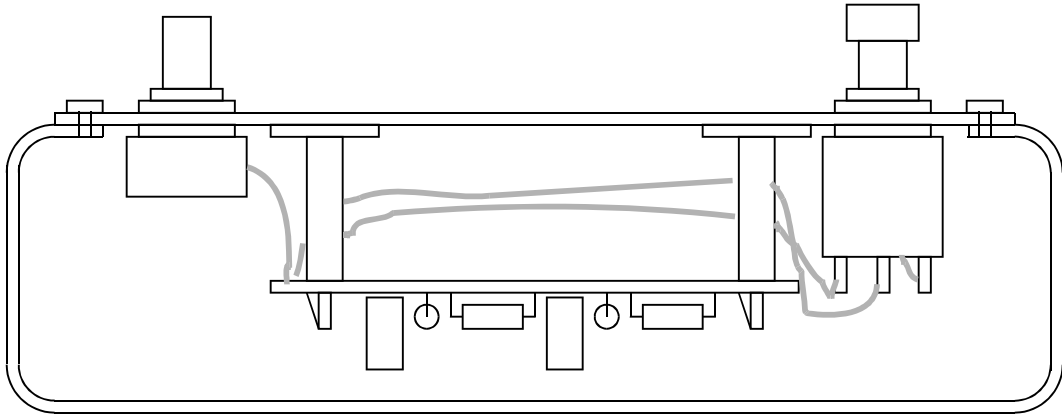
The effects mount inside like this. The boards are mounted on adhesive standoffs. The controls and switches, including footswitch, mount in holes drilled in the aluminum plate. If you're careful, you can stand the board off the aluminum enough to put small pots between the board and the aluminum front panel and get LOTS of controls in there.



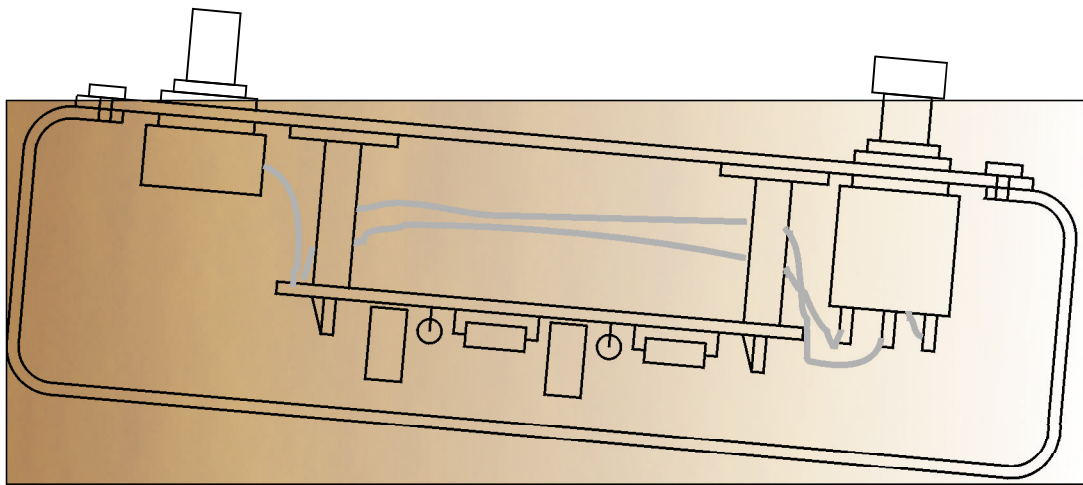
You get a lot of room for wires in there. There's 1/2" more room for parts than inside the 1590BB.



Note that the jacks are a big space eater. It might make sense to make the on-effect jacks be 1/8" phone jacks and interconnect between effects with 1/8" phone plugs and RG174 cable, then put a 1/4" jack out on the end panels to take the guitar cord and the cord to the amp.



Uneven bumpers on bottom give sloped top.



Tilted wooden ends give sloped top.