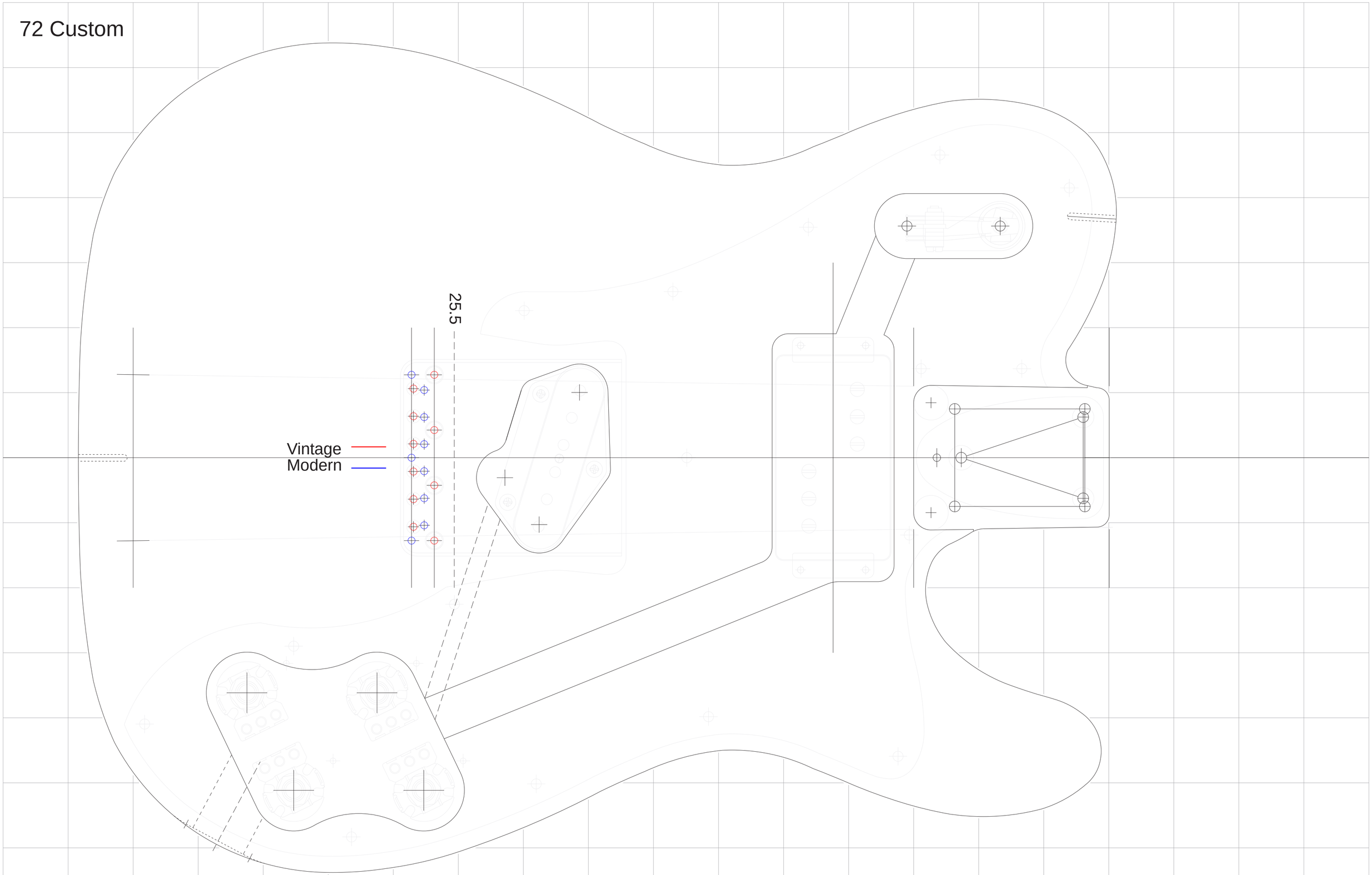
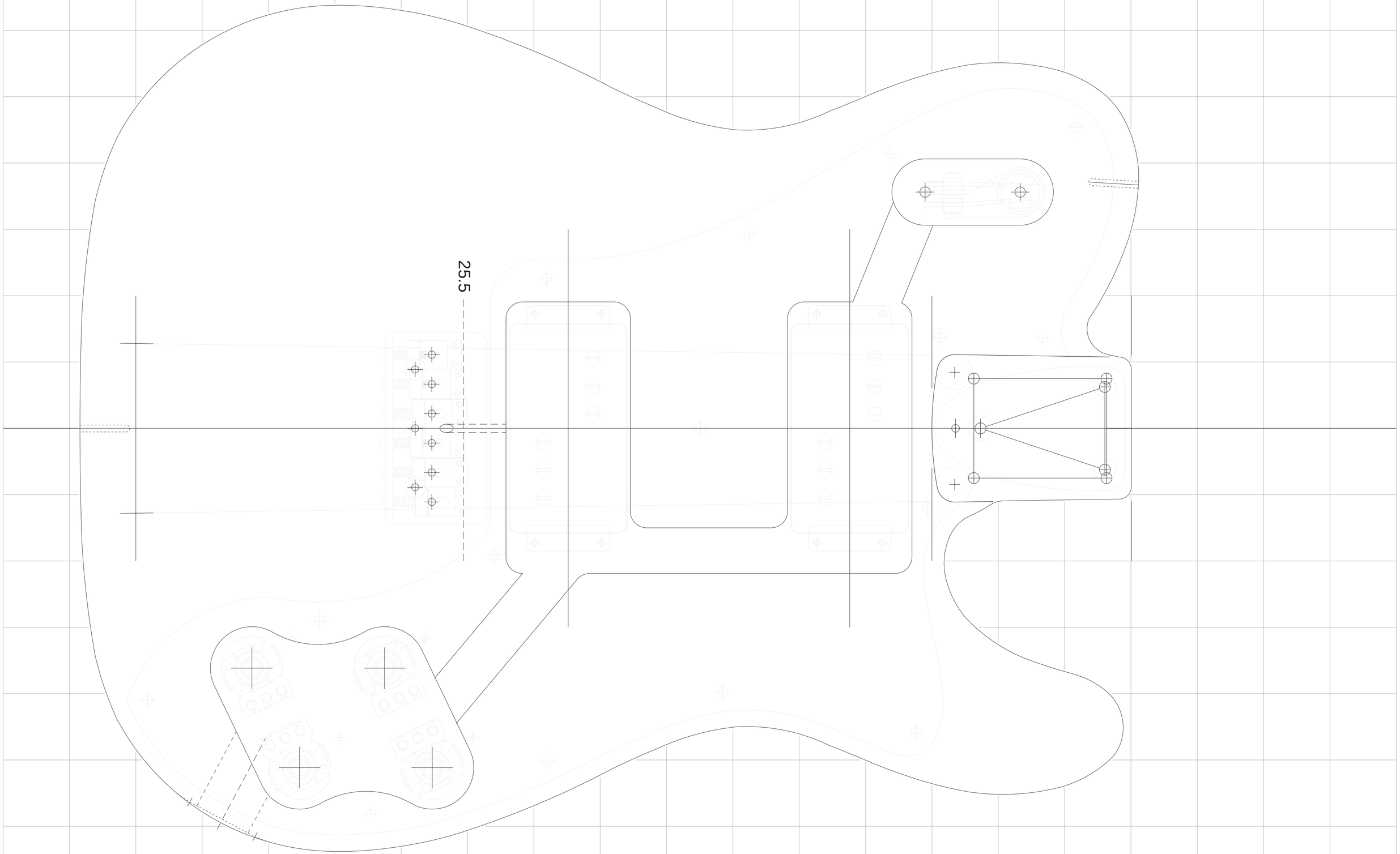
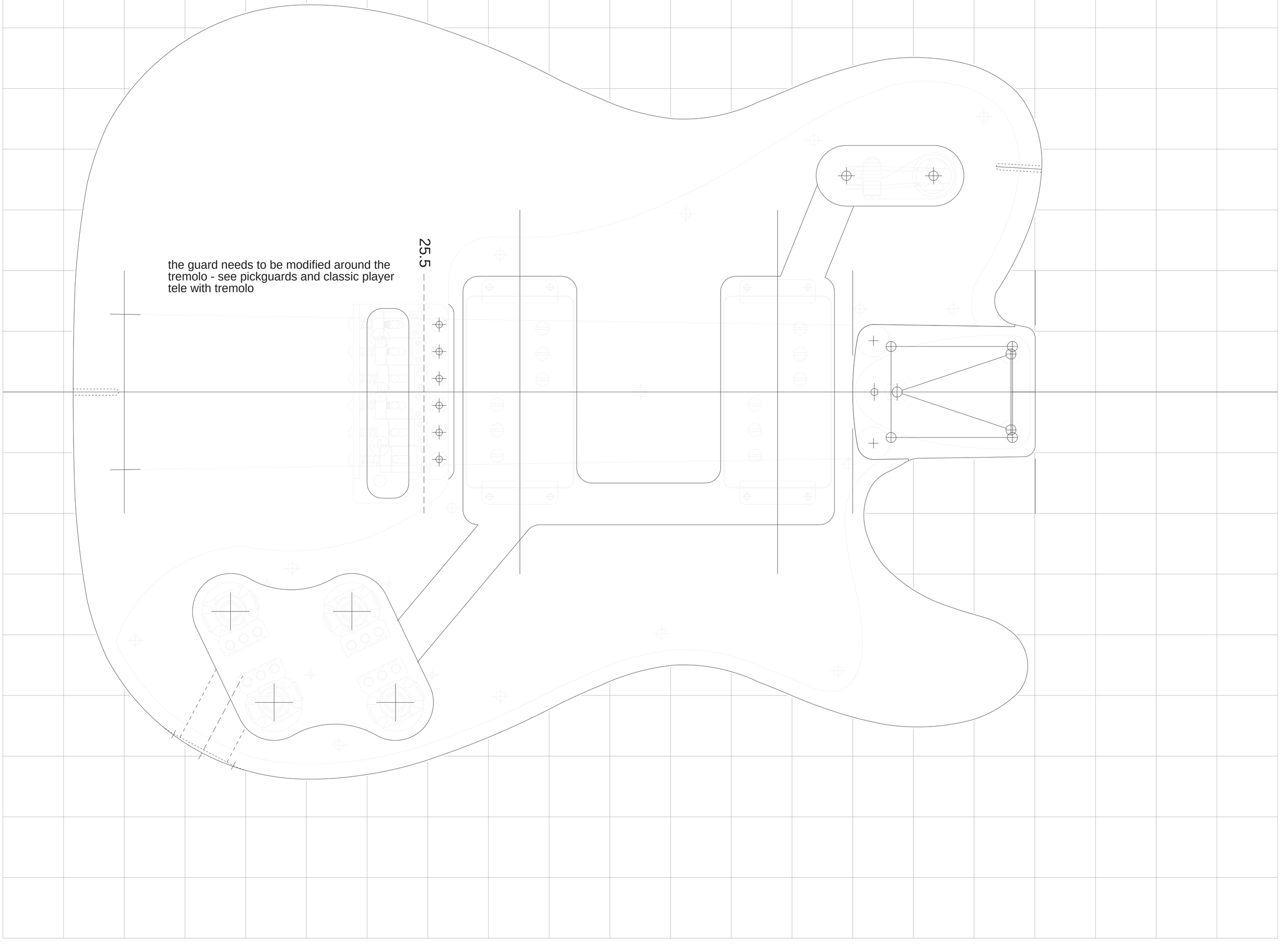
72 Custom



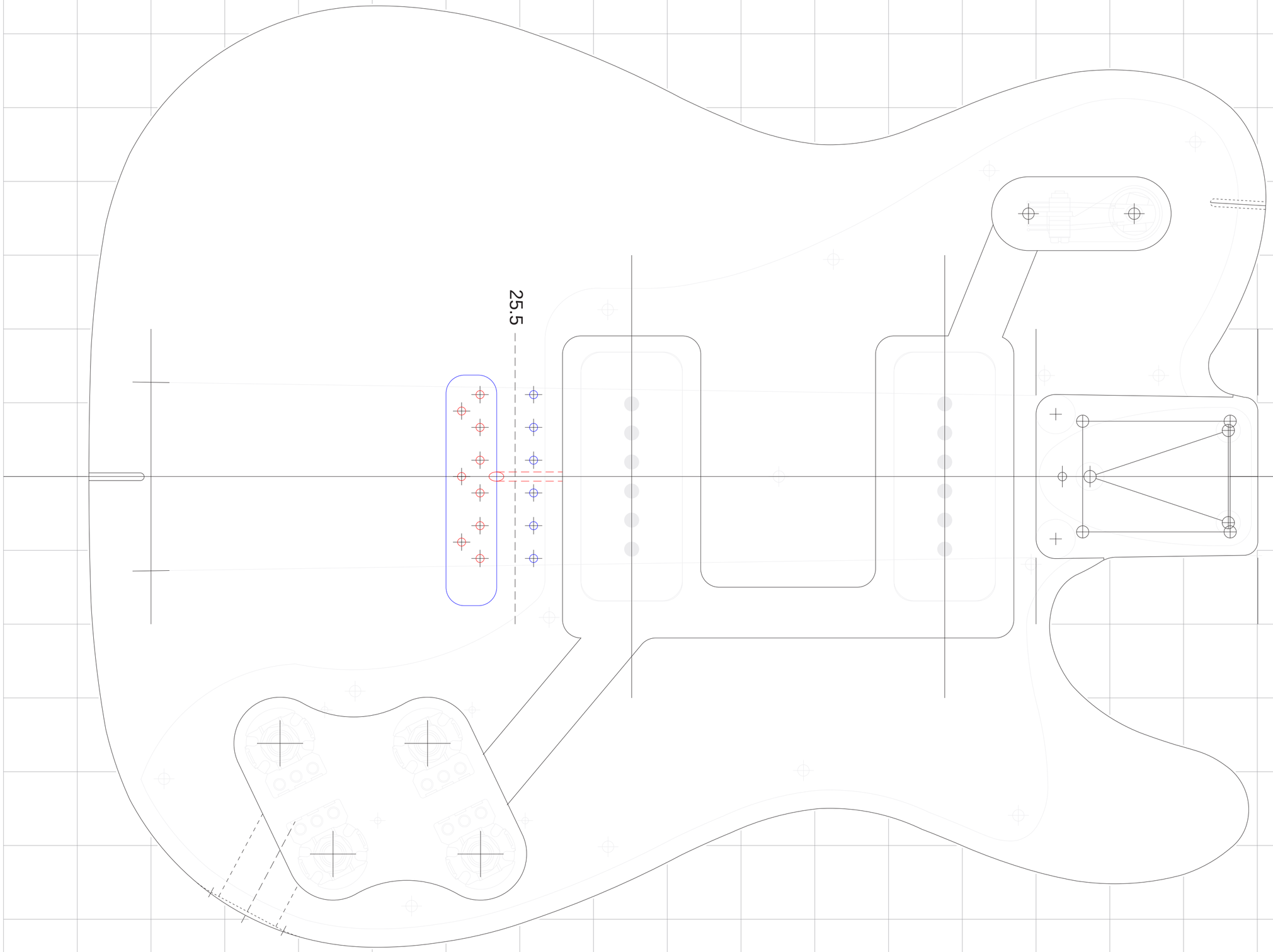
72 Deluxe



Deluxe with vintage strat tremolo



Deluxe with Tele Neck Pocket - P90s shown in routes - marked for either a hardtail or tremolo



a file and sandpaper wrapped around a 1/2 drill bit to modify a store bought pickguard

if using a tremolo, the guard also needs to be filed around the bridge plate - see pickguards

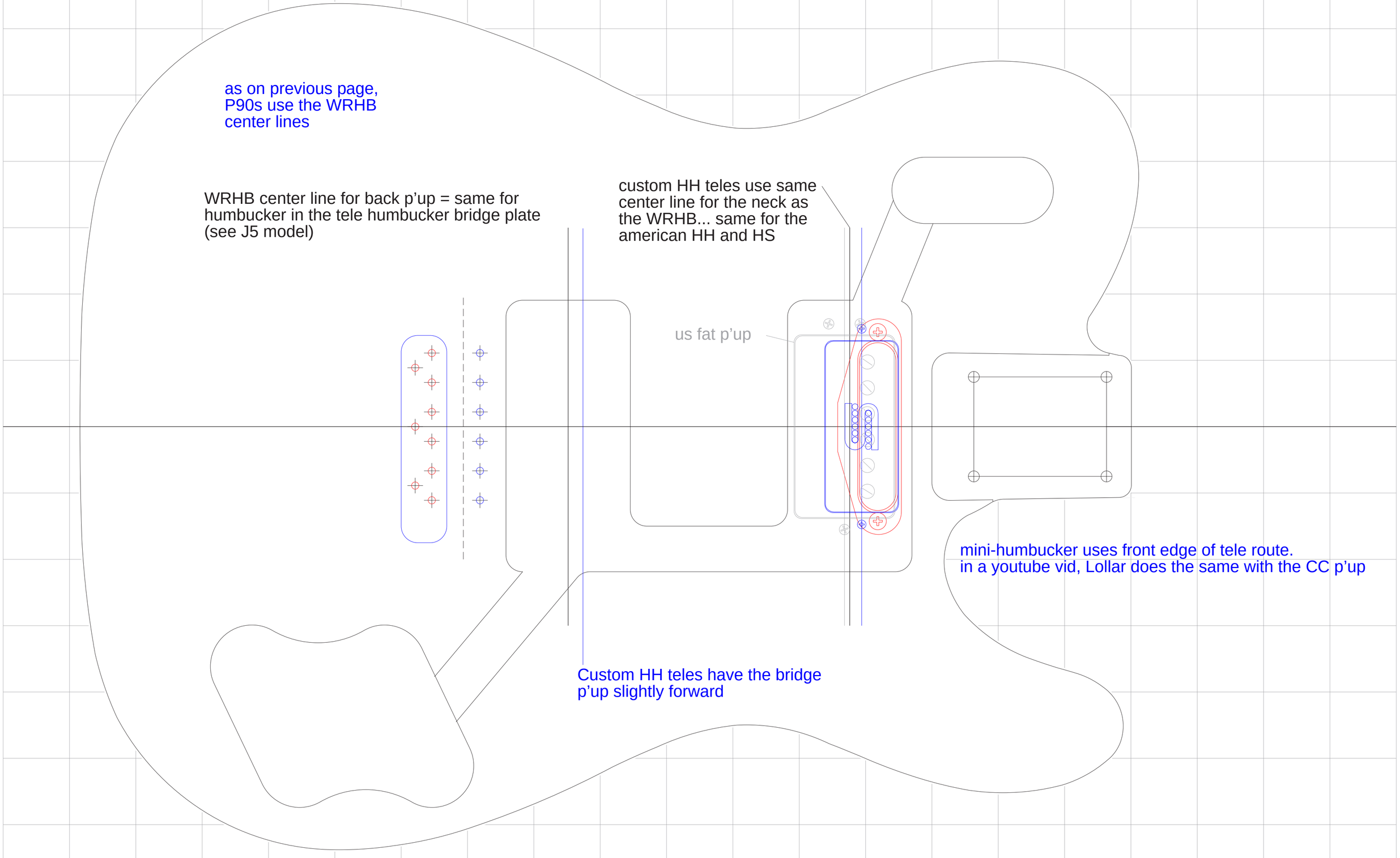
if you want P90 pick guard tight and even, get the pickup first and measure
I believe I heard Lollar say that he can send a template for the pickguard with the pickups.

as on previous page,
P90s use the WRHB
center lines

WRHB center line for back p'up = same for humbucker in the tele humbucker bridge plate (see J5 model)

custom HH teles use same center line for the neck as the WRHB... same for the american HH and HS

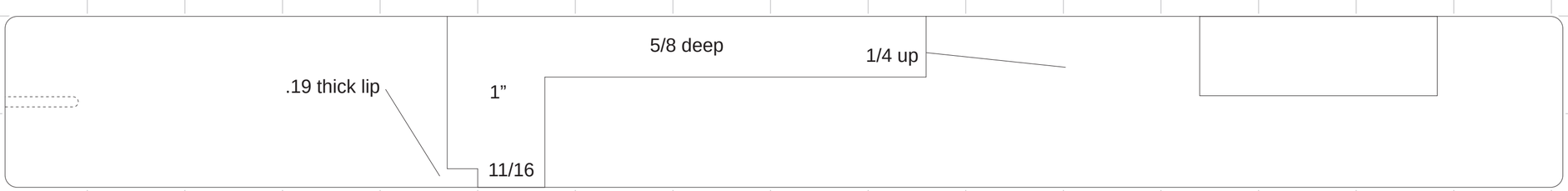
us fat p'up



mini-humbucker uses front edge of tele route.
in a youtube vid, Lollar does the same with the CC p'up

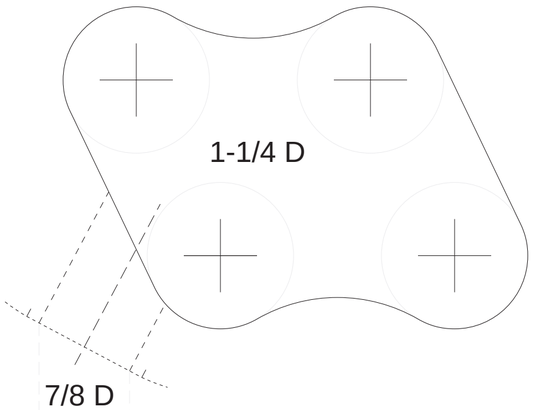
Custom HH teles have the bridge p'up slightly forward

ground wire



Click here to go to TDPRI
where file was posted

1-3/8 R x 2

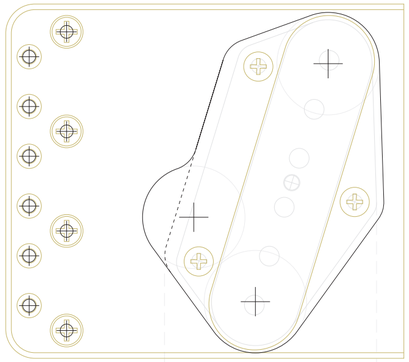


1-3/8 deep to cover the jack hole

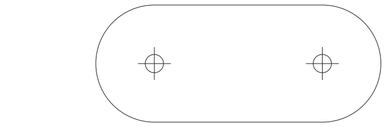
go 1-1/2 if going
jimmy page with the
push-pull switches

7/8 D x 2... or 3

block and use 1/2” router bit

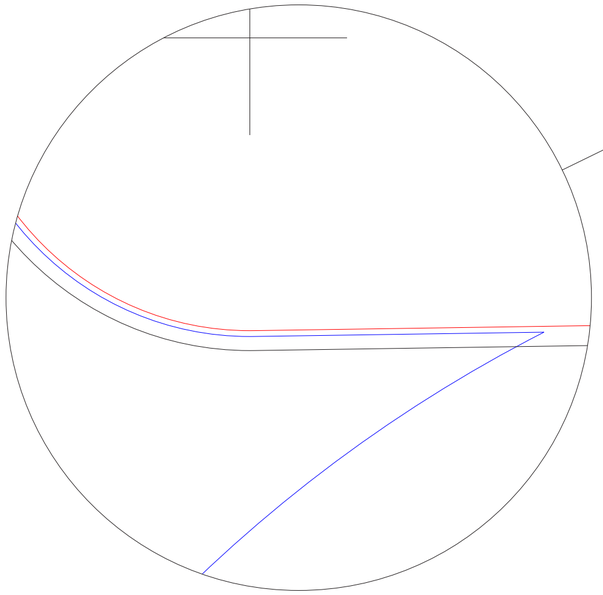


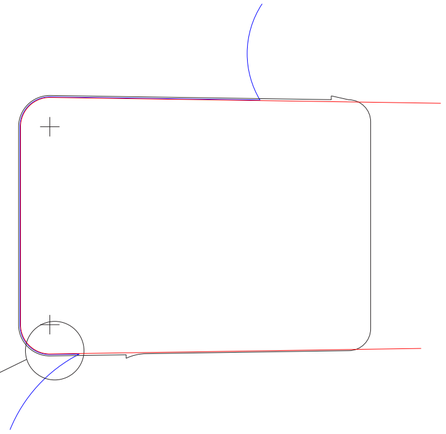
0.85” deep



1”D
13/16 deep

or drill to fit the toggle of your choice





as drawn.... the pocket is sized to leave a 0.017” gap around the neck to allow for the thickness of the finish on both the neck and body. The pick guard is drawn .012 from the pocket and .005 from the neck.

The inside corner radius of the pocket is drawn as .267 (.25R of the neck + 0.017) The pickguard is drawn with the same .25 radius as the neck.. but .01 wider.

All of the above exists only in the world of CAD, where you can zoom in... and CNC.

0.267 R = 0.534 D. 7/32 drill bit = 0.531250

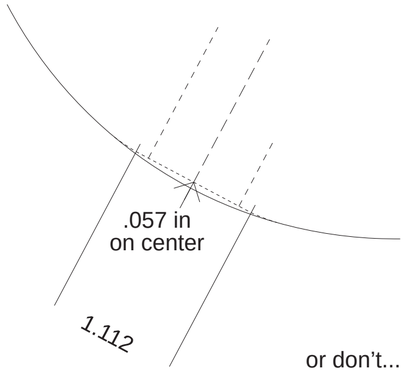
if you have the neck in hand to block on the template, cheap masking tape is about 0.005” (5 mils). A few layers on the neck before blocking will give you a gap

WRHB routes and channels are the same depth as the neck pocket (which is usually around 5/8ths - 1/16th shallower for higher action and vice versa)
0.25 p’up route corner radius from .5 bit

Ideally, it’d make sense to have the channel and p’up routes on the neck route template, but..... it might make more sense to have the deeper switch and control routes on the neck pocket template and p’up and channel routes on the body template as the neck p’up routes are very close to the neck pocket and could make for a weak area on the template.

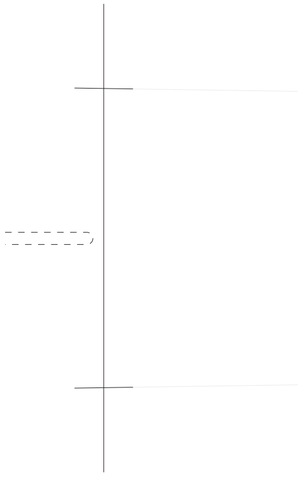
either way, you’ll want to route the deeper first, then the shallow (unless you want to make plugs to fill the existing shallow routes when routing the deeper)

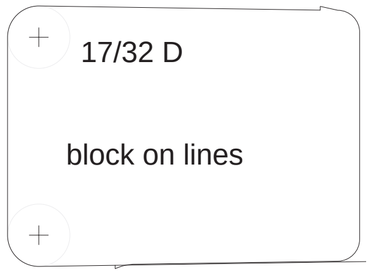
It could be that you end up switching templates a couple of times.

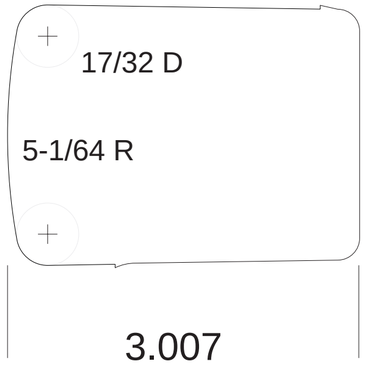


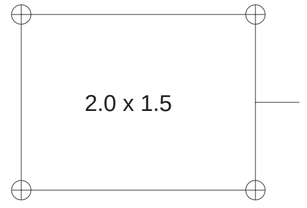
or don’t...

Neck alignment:
tick marks are for a 165 nut neck, but even a 1.65 nut neck probably won’t be excactly on when you put straight edge to it’s sides when aligning.
Using them as reference points should get it fairly straight.

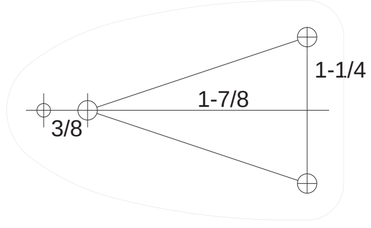








outer holes 3/8ths in from outer end of pocket



outer holes 0.4” from outer end of pocket