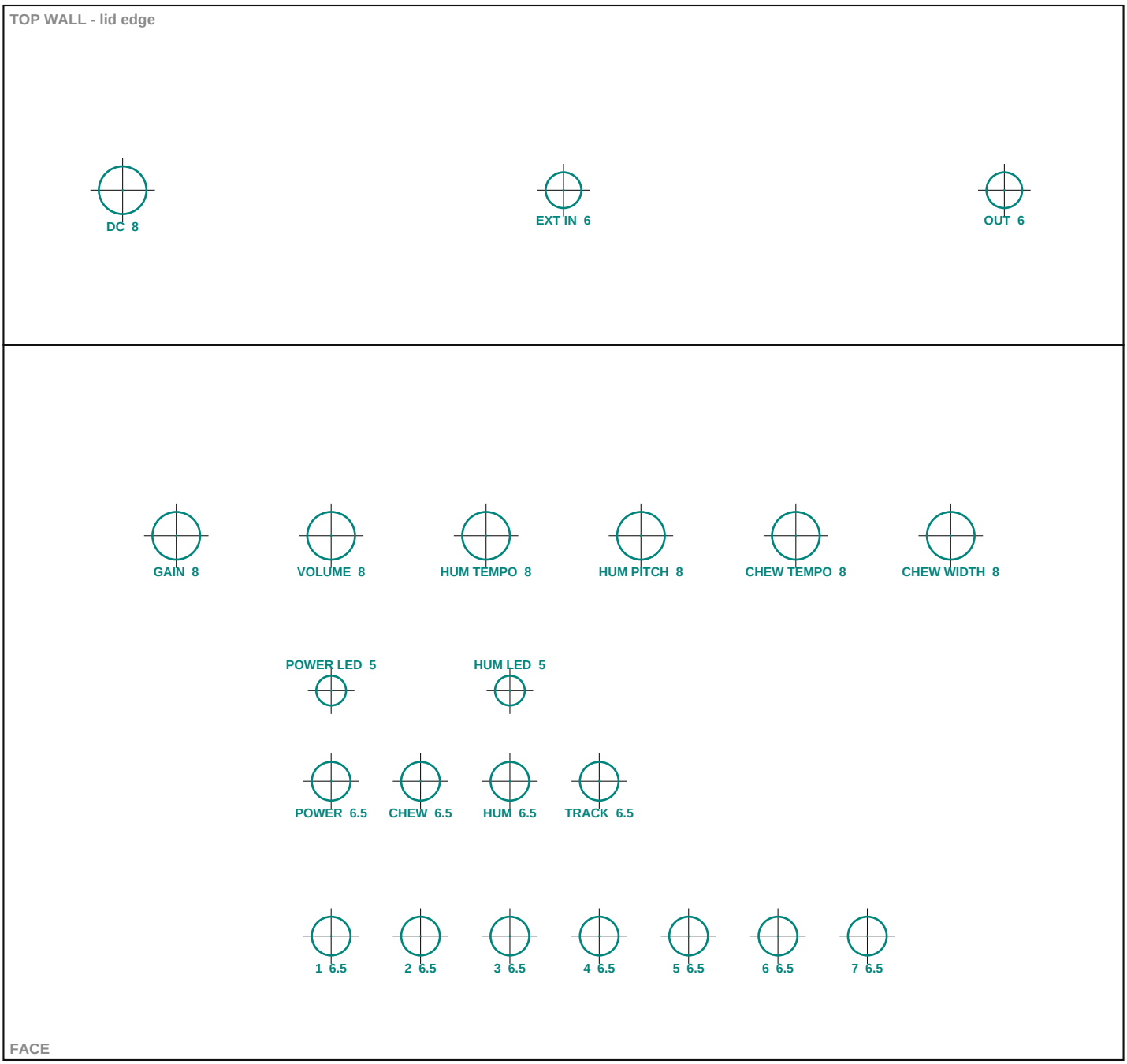
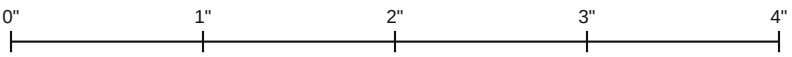
GRUBWORKS V1.1 PCB - DRILL TEMPLATE

a 1590DD on its back: the face, 188 x 120 mm, with the top wall unfolded around it . tape it on, punch, drill
NOBODY HAS DRILLED THIS ONE YET - offer the sheet up to your box, your board and your parts before you make a hole





SCALE CHECK - this bar must measure EXACTLY 4 inches (101.6 mm).
Print at 100% / "Actual size", never "Fit to page."

This board is on wires: every pot and LED mounts on the face, so the board is not on this sheet. It rides behind them.
Check the depth before you drill: the pot bodies, the board and its tallest part all share the space behind the face.
The toggles: POWER, CHEW, HUM, TRACK over octaves 1 to 7, 15 mm apart. EXT IN is a switched 3.5 mm jack.
8 mm pot holes, for 16 mm pots. 6.5 mm toggles, 8 mm DC jack, 6 mm for the 3.5 mm jacks, 5 mm for an LED.
The wall parts sit 26 mm in from the face edge. Part sizes are ballpark.
Pilot at 3 mm, open up, deburr, then blow every chip of swarf out of the box before the board goes in.
the face should measure 188 x 120 mm