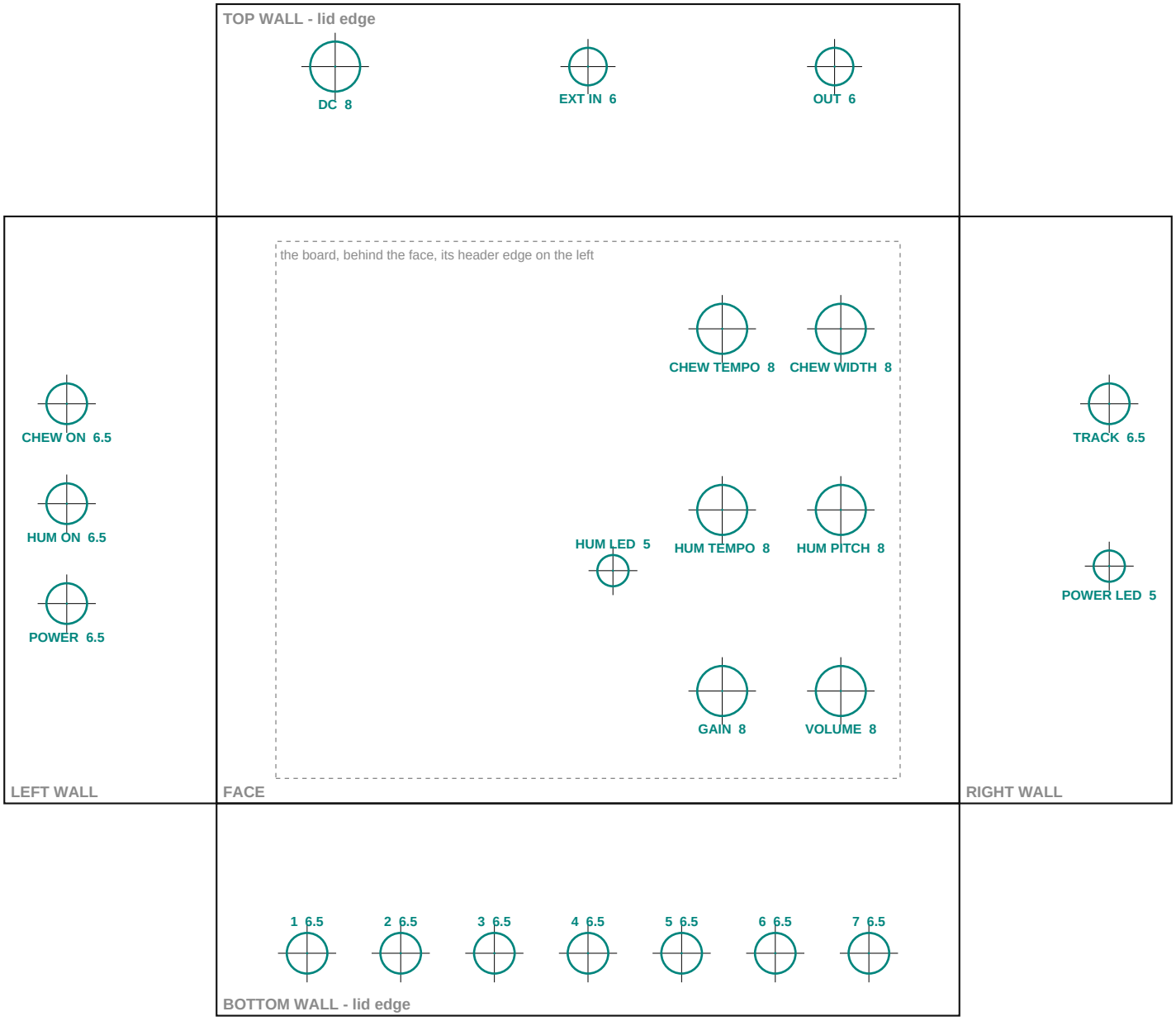
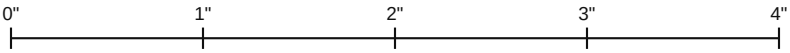
GRUBWORKS PCB - DRILL TEMPLATE

a 1590BB lying flat: the face, 119 x 94 mm, with the top, bottom, left and right walls 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."

The board fills this box: a board was put in a real 1590BB and fits, with very little to spare. Check yours before you drill.
The seven octave toggles are 1 to 7 left to right. EXT IN is a switched 3.5 mm jack.
The pot, eye and LED holes are where the board puts them. Fit the pots to the board first and offer the board up to the face.
8 mm pot holes, for the 7 mm bushing of a 16 mm board-mount pot, with a little play for lining up; measure yours.
6.5 mm toggles, 8 mm DC jack, 6 mm for the 3.5 mm jacks, 5 mm for an LED or a photocell.
The board hangs about 12 mm behind the face on the pot bodies: anything on it taller than that gets laid over flat first.
The wall parts sit 24 mm in from the face edge to pass behind the board, so the board goes in FIRST, then the wall parts. 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 119 x 94 mm