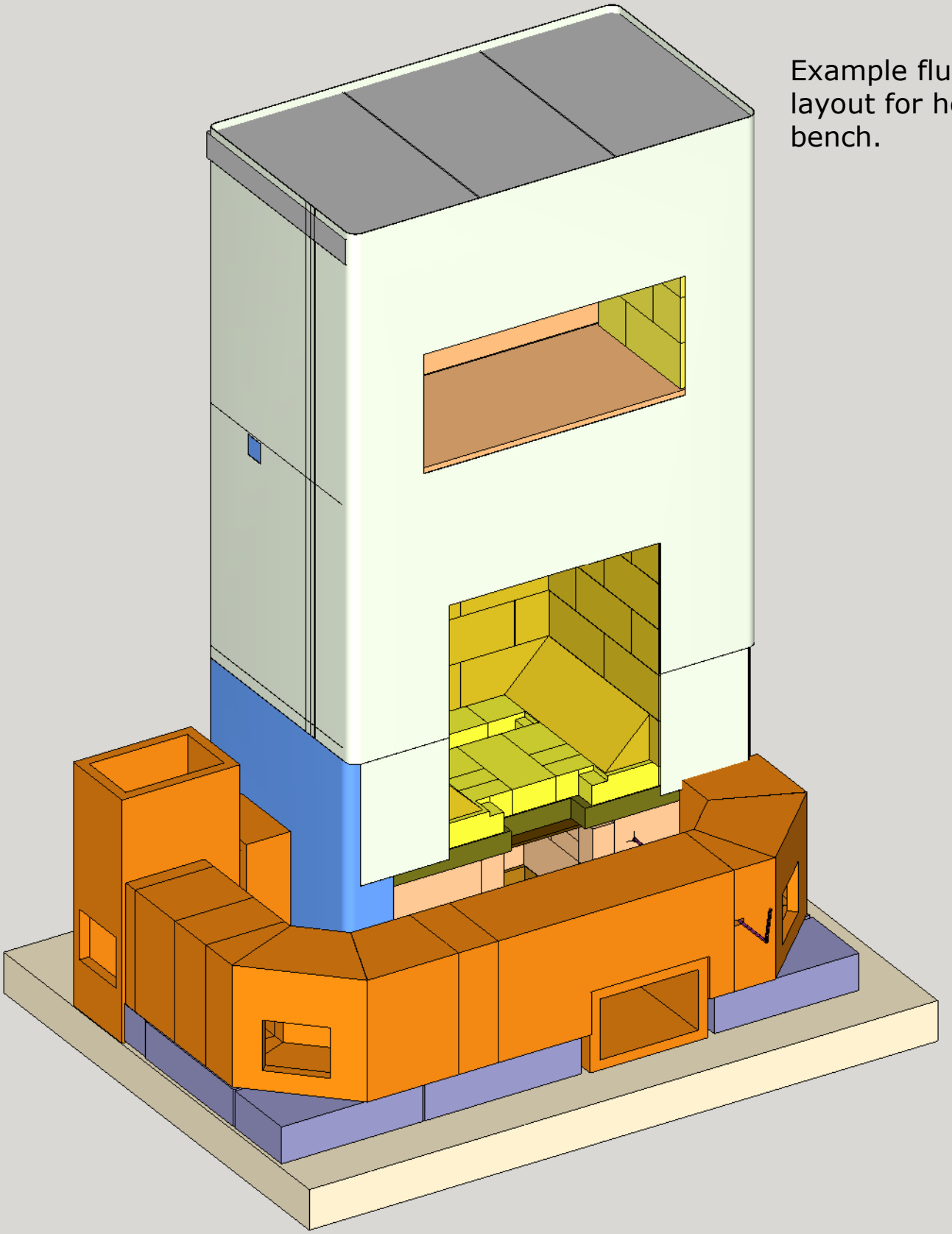
*Example of heated bench layout*
*and chimney connection*
*for slab-on-grade foundation*

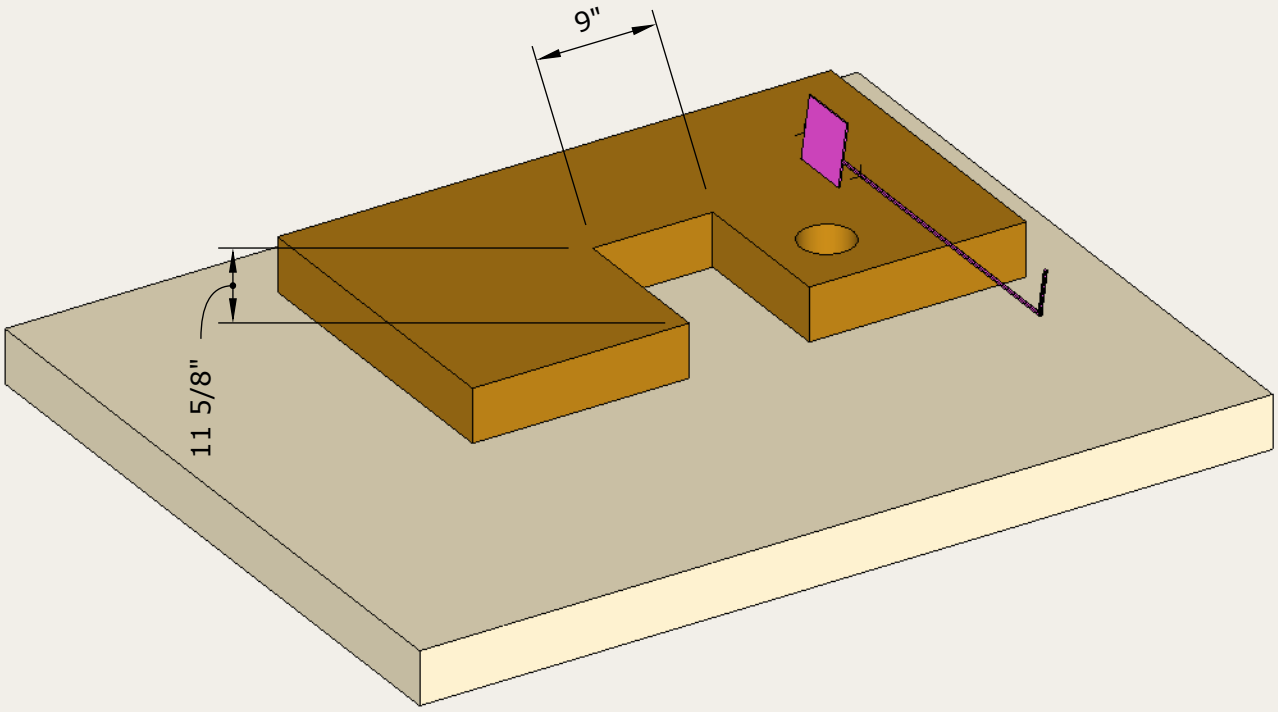


Example flue liner layout for heated bench.

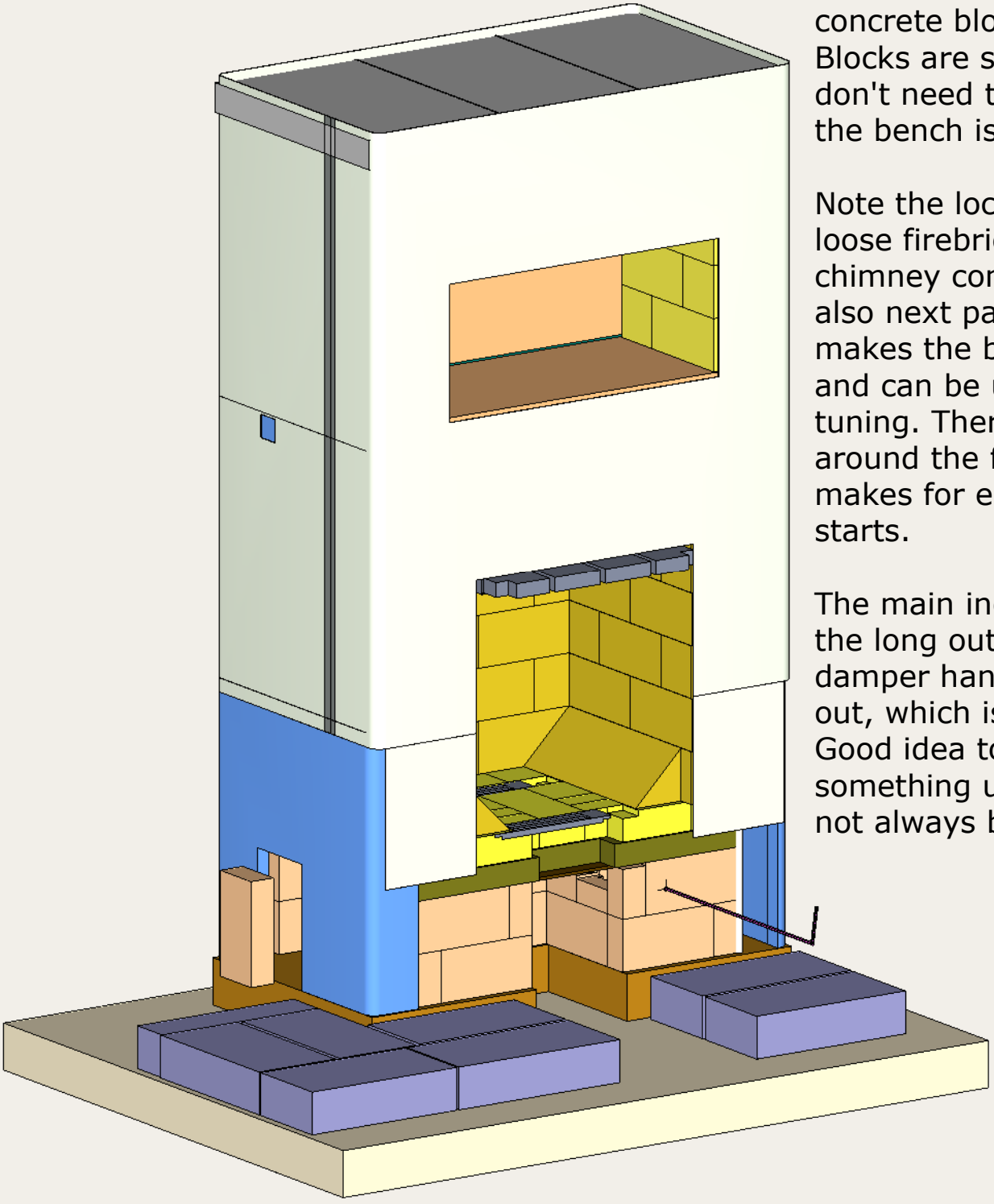
Example of heated bench layout and chimney connection for slab-on-grade foundation

A notch needs to be cut into the insulating slab. Note that there is a black line on the insulating slab, indicating the location of a 1/2" rebar inside. Set the slab so that the rebar is towards the back, out of the way.

Outside air hole: to be discussed.




Example of heated bench layout and chimney connection for slab-on-grade foundation

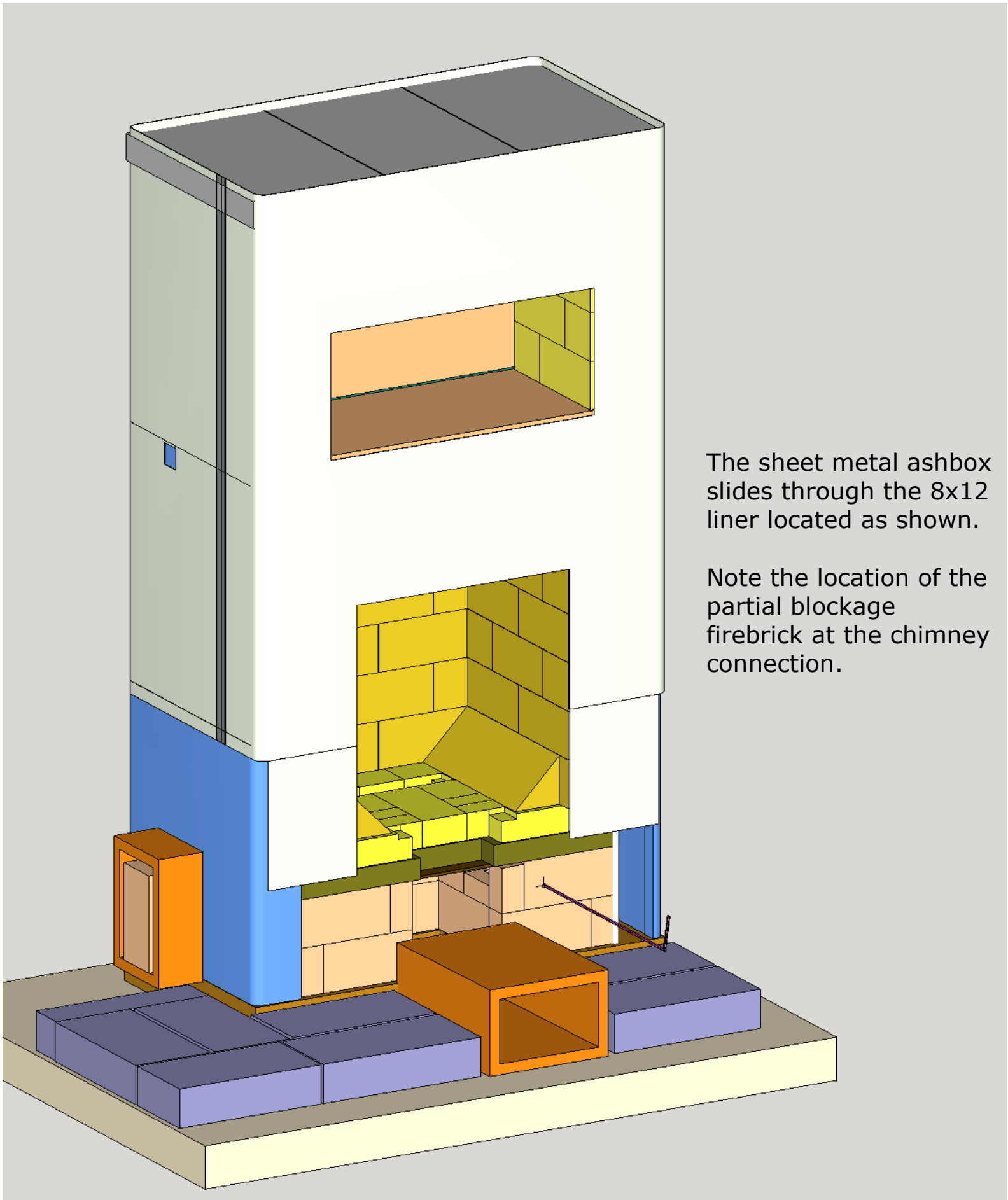


It is easier to do the facing first and then the bench. The bench is raised 4" on concrete block.
Blocks are shown, but don't need to be set until the bench is built.

Note the location of the loose firebrick at the chimney connection (see also next page). This makes the bench warmer, and can be used later for tuning. There is leakage around the firebrick, which makes for easier cold starts.

The main inconvenience is the long outside air damper handle sticking out, which is unavoidable. Good idea to set something up so you are not always bumping into it.

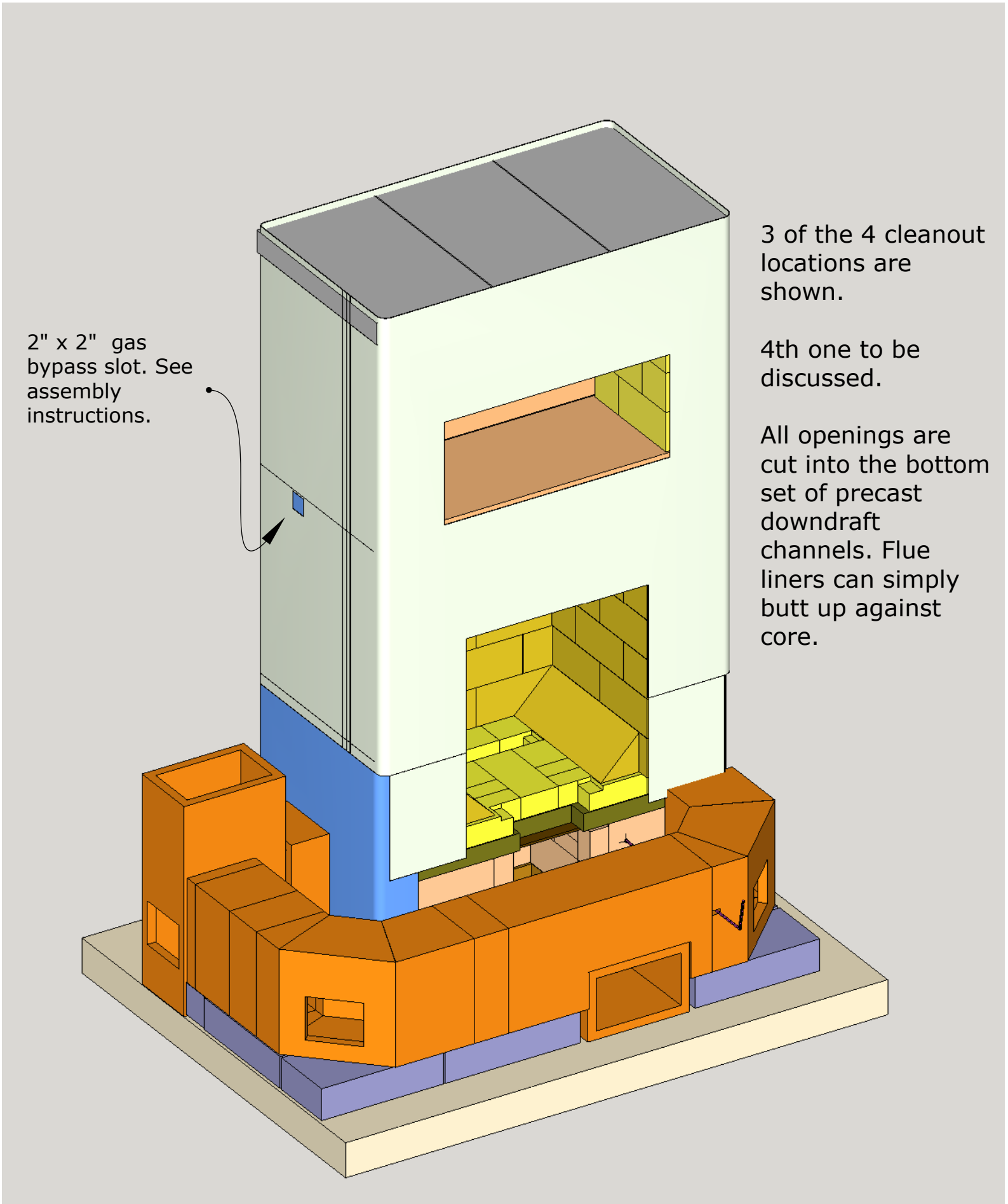
Example of heated bench layout and chimney connection for slab-on-grade foundation



The sheet metal ashbox slides through the 8x12 liner located as shown.

Note the location of the partial blockage firebrick at the chimney connection.

Example of heated bench layout and chimney connection for slab-on-grade foundation




Example of heated bench layout and chimney connection for slab-on-grade foundation