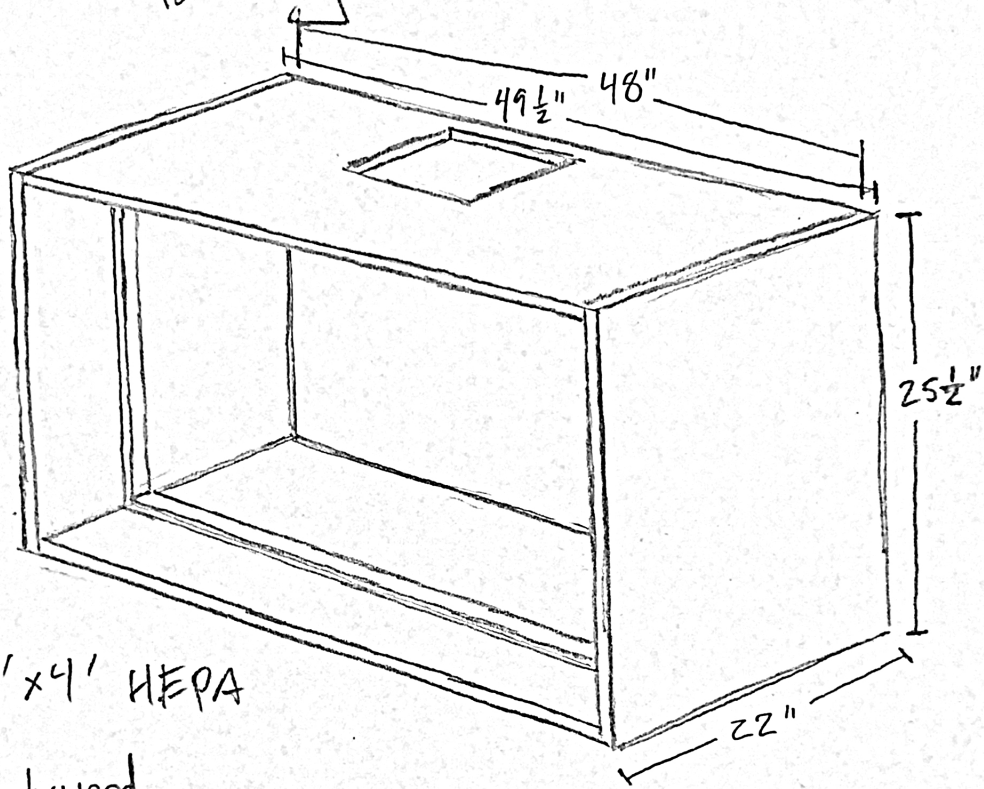


Laminar Flow Hood Box

Design Ideas

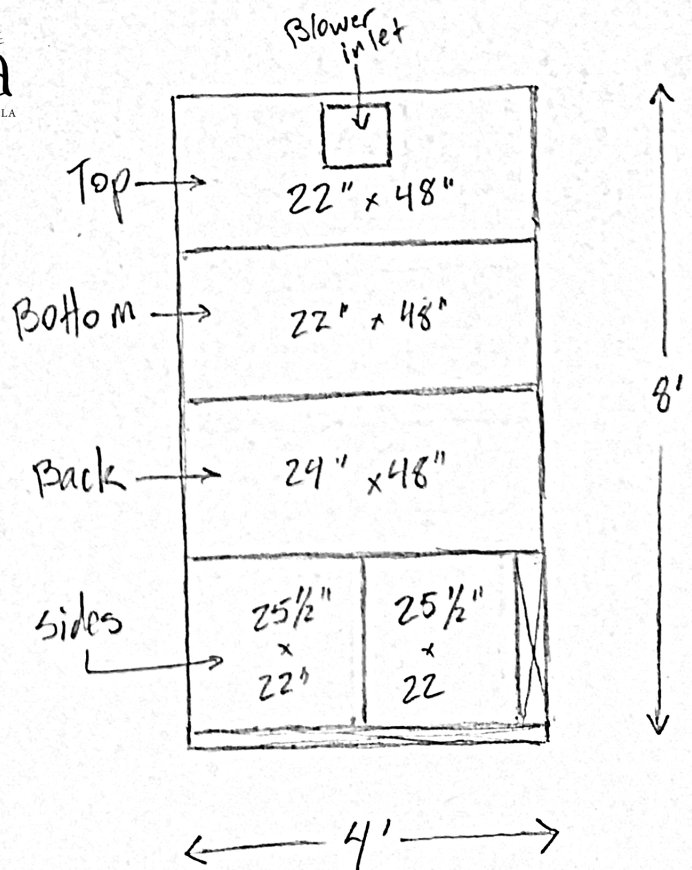
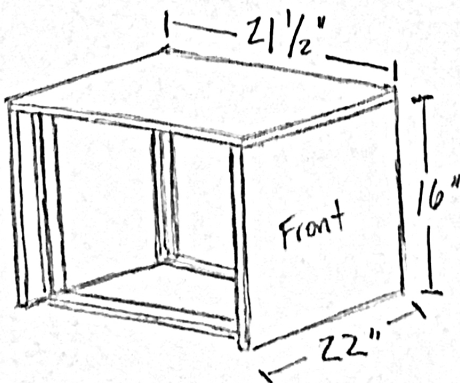
#1: The one-sheet wonder, cut from a single 4' x 8' piece of plywood.



- Fits a 2' x 4' HEPA filter
- Uses 3/4" plywood
- Fewest cuts



Top Box:
(verify dimensions to accommodate blower)



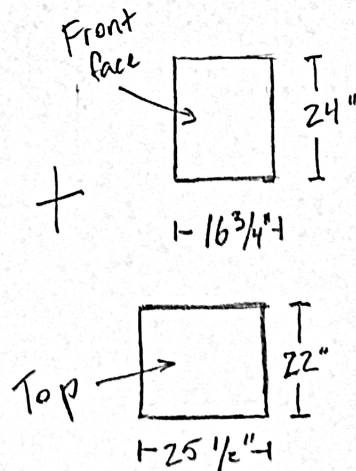
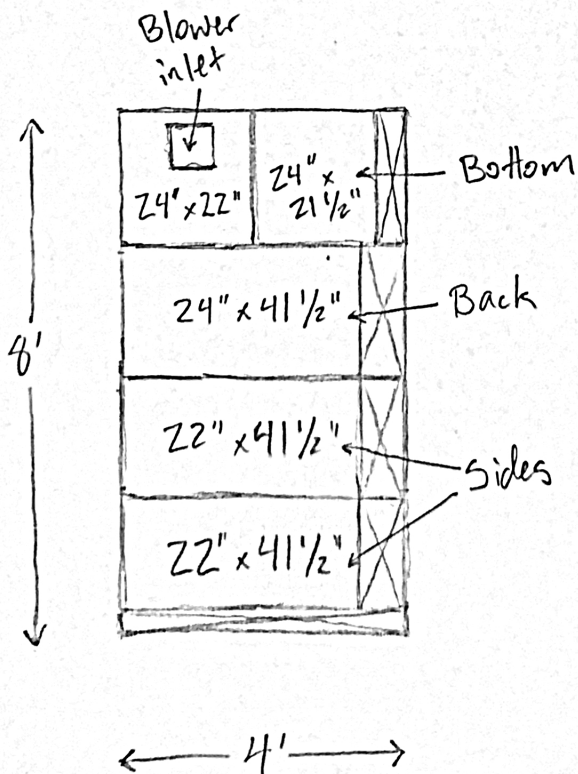
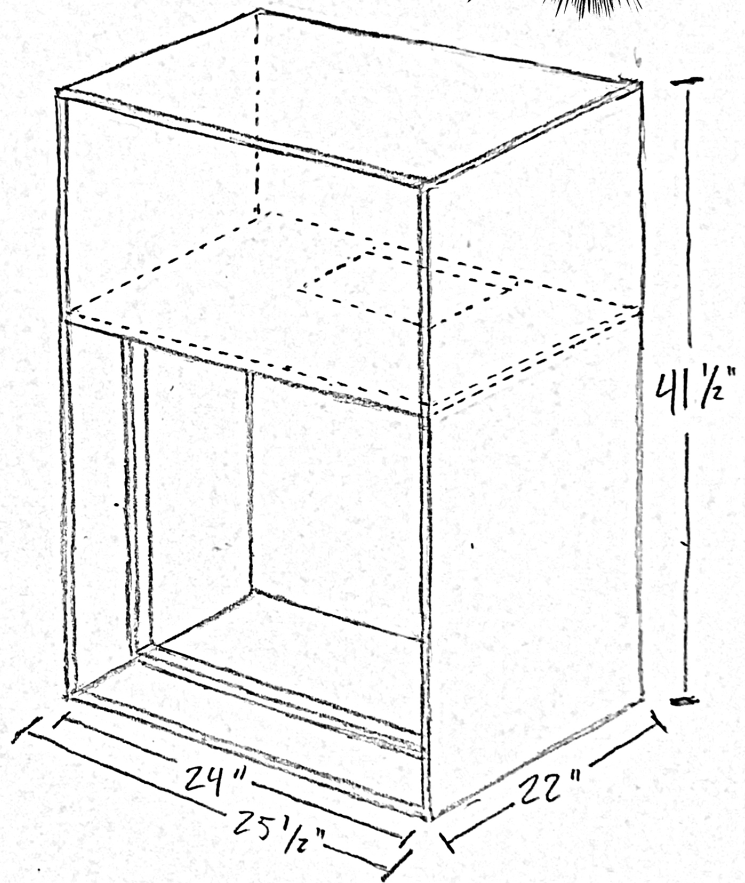
Laminar Flow Hood Box

Design Ideas



#2: "The unit," budget-friendly and space efficient. Made for a 2' x 2' HEPA filter.

- Uses $\frac{3}{4}$ " plywood
- Built-in top box:
- Pre-filters can either be mounted on the top, front or sides



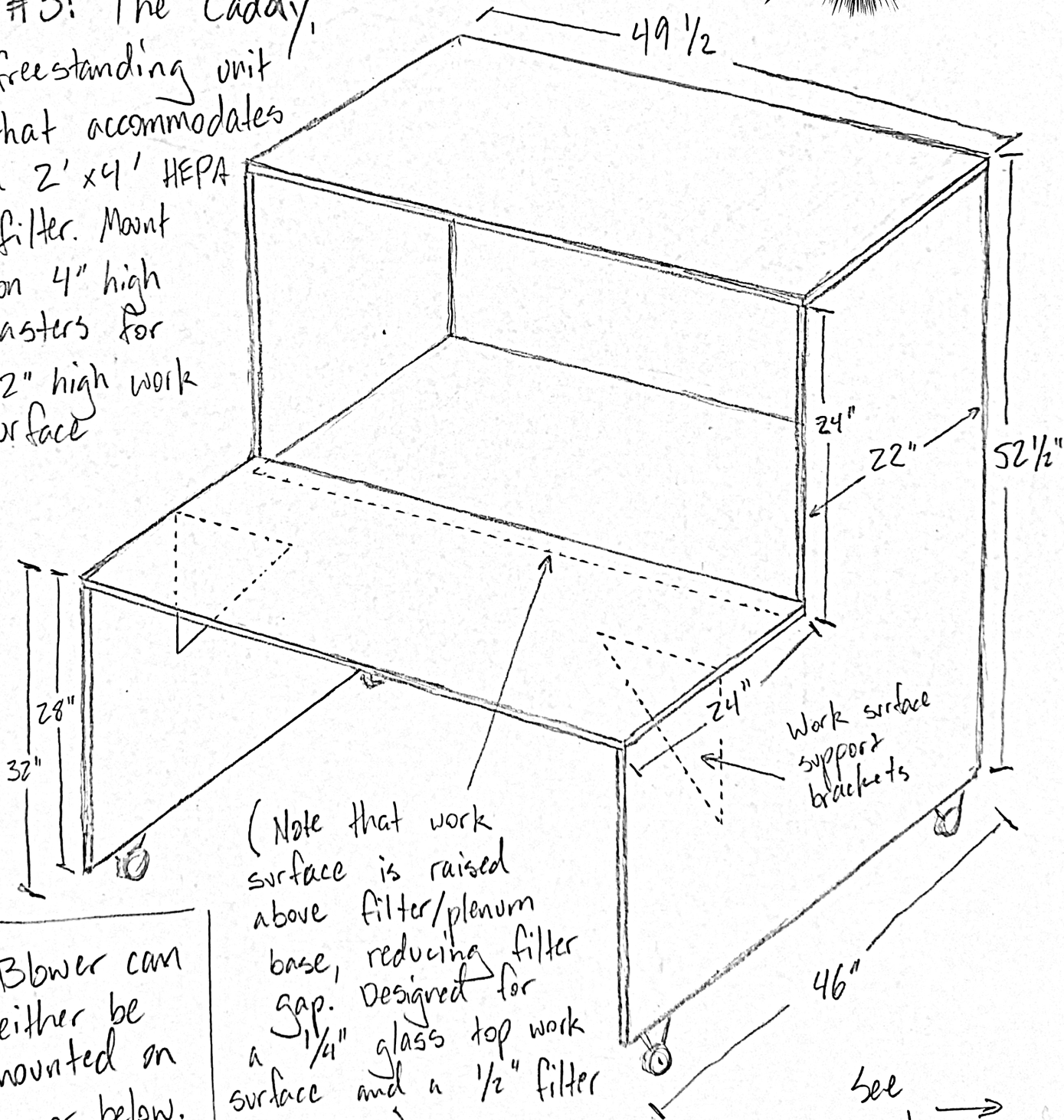
- Scrap from second sheet can be used for work surface, or you can just buy an additional 2' x 4' panel instead of a full sheet.

Laminar Flow Hood Box

Design Ideas



#3: "The Caddy,"
freestanding unit
that accommodates
a 2' x 4' HEPA
filter. Mount
on 4" high
casters for
32" high work
surface

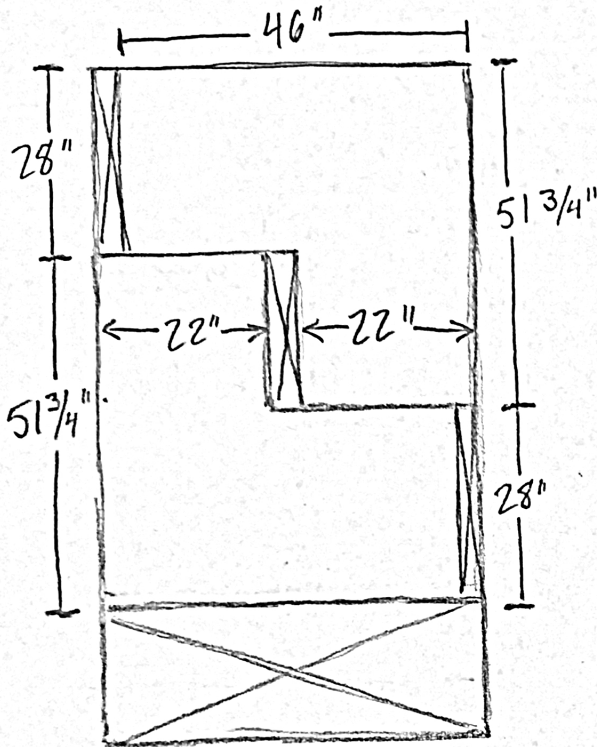


Blower can
either be
mounted on
top or below.

(Note that work
surface is raised
above filter/plenum
base, reducing filter
gap. Designed for
a $\frac{1}{4}$ " glass top work
surface and a $\frac{1}{2}$ " filter
gap.)

See
next →

#3 cont'd: Cut list



← 4' →

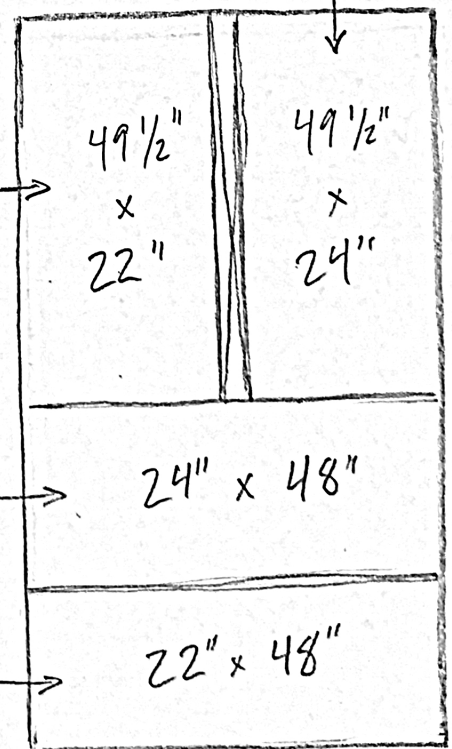
Sides ↗

8'

- Center can be cut out with jigsaw
- Scrap ends can be used for top box and/or work surface braces.

Work surface

Top →



Back →

Bottom of filter/plenum →

For assembly instructions, supplies and to make a donation, visit www.fungaia.life

Much obliged,
Paul