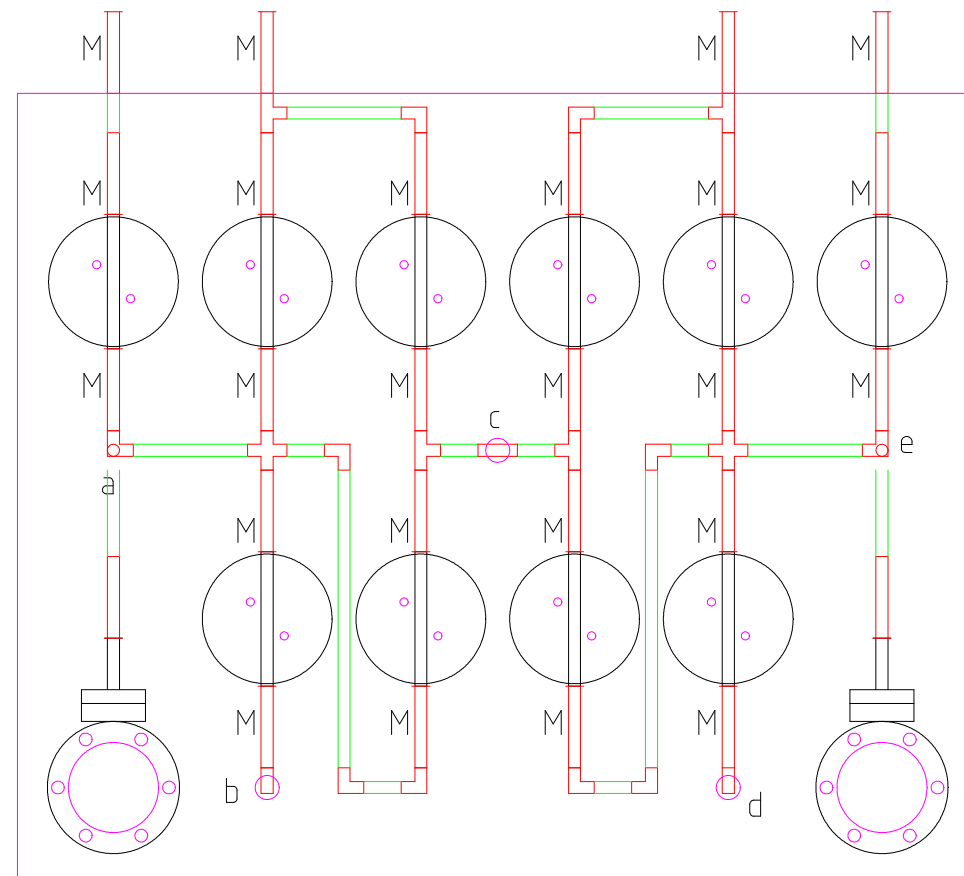
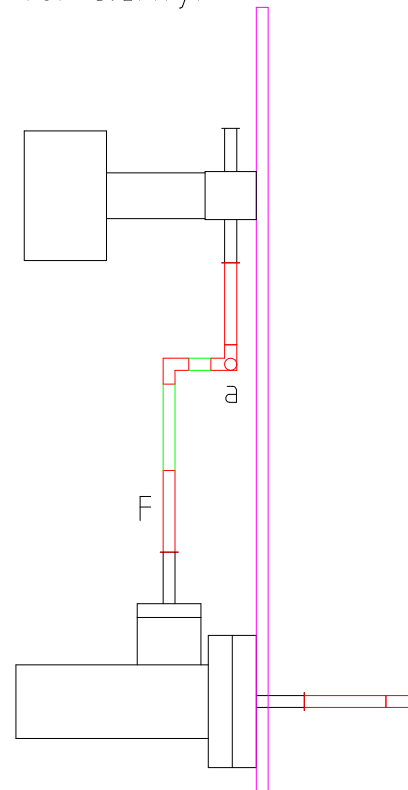


Overview of panel without dimension lines. Valves are shown in white, fittings in red, tubing in green, and panel in magenta. Glands are labeled M or F for their corresponding gender. Connections "a" through "e" are shown on their respective projections. Fittings "b" and "d" are elbows that go into the page on both projections. Fittings "a" and "e" are tribows which come out of the page on all projections.

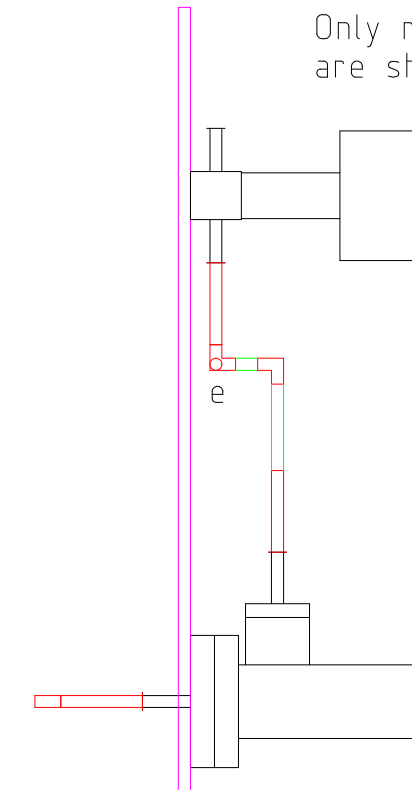
The fittings are as follows:

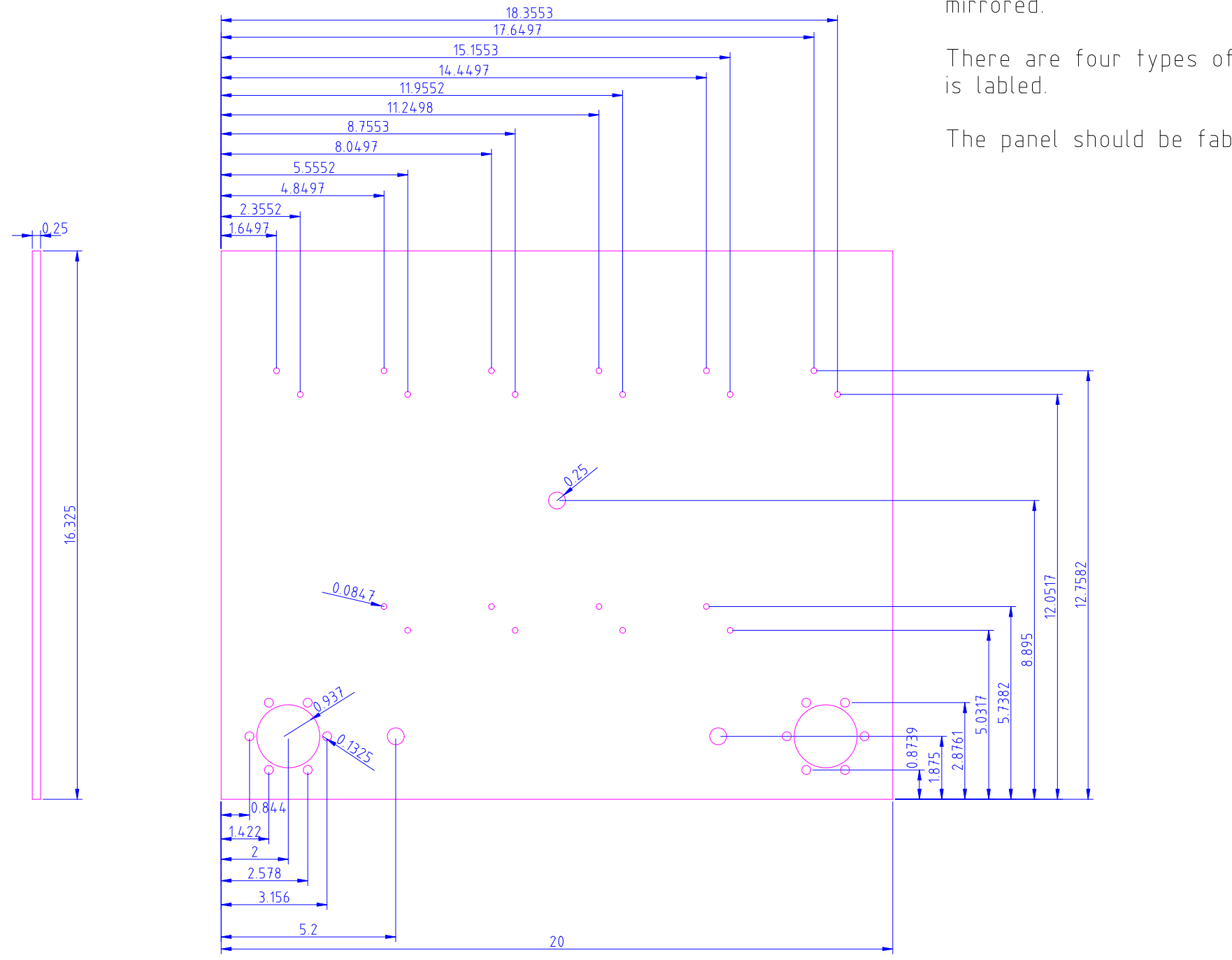
- glands: 6LV-4-VCR-3-4TB7P (qty 30)
- elbow: 6LV-4MW-9P (qty 14)
- tee: 6LV-4MW-3P (qty 8)
- cross: 6LV-4MW-4P (qty 2)
- tribow: 6LV-4MW-91P (qty 2)

Only leftmost valves are shown for clarity.



Only rightmost valves are shown for clarity.



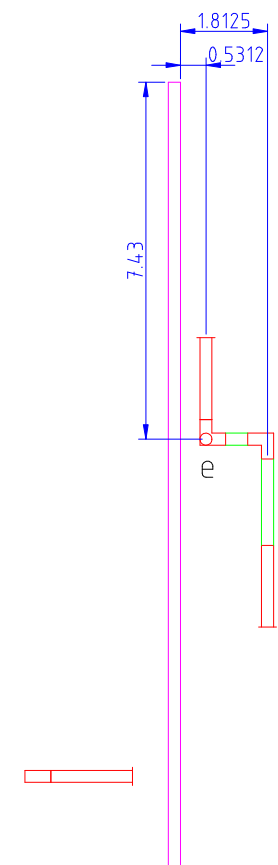
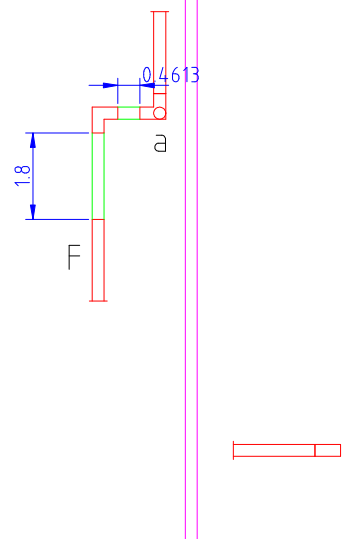
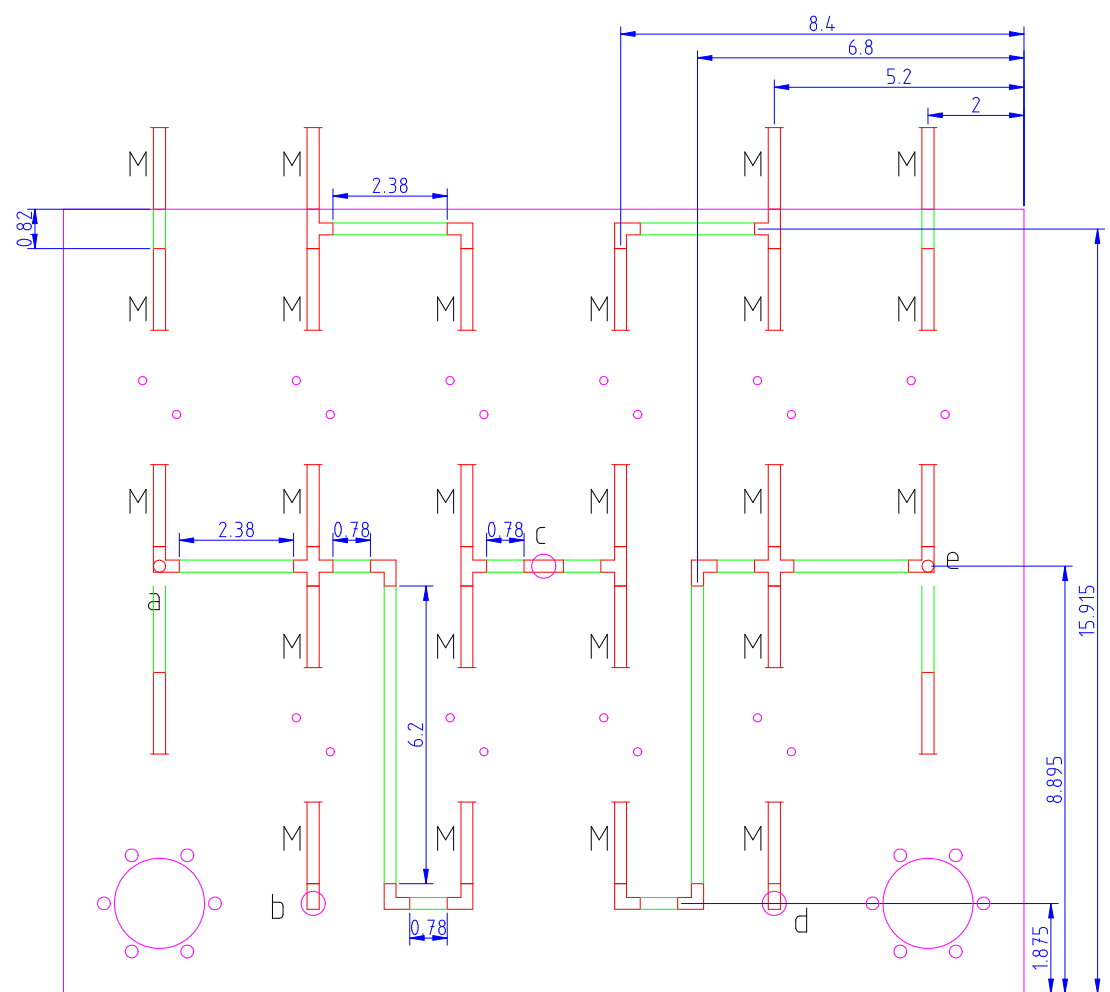
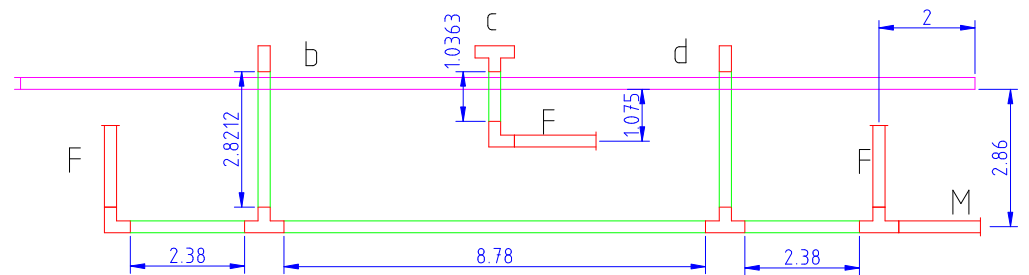


Panel with dimension lines.

The panel is mostly horizontally symmetric and therefore some of the dimensions will be mirrored.

There are four types of holes, one of each size is labeled.

The panel should be fabricated from aluminum.



Panel, tubing, and fittings with dimensions.

Please note that the layout is nearly symmetric horizontally. The dimensions on the left side of the main projection are the tubing lengths. The dimensions on the right side of the main projections are the tubing locations from the edge of the panel to the center of the tubing. Also note that the dimensions on the left projection are tubing lengths, and the dimensions on the right projection are tubing locations.

The secondary projections show the distance from the top or bottom of the panel to the center of the tubing, whichever dimension makes the most sense.

For most of the tubing on the top of the panel, the tubing should stand 0.5312" from the surface of the panel to the center of the tubing, except the tubing coming from the top of the two leak valves.

Glands are shown with their proper gender. Connections "a" through "e" are also shown.