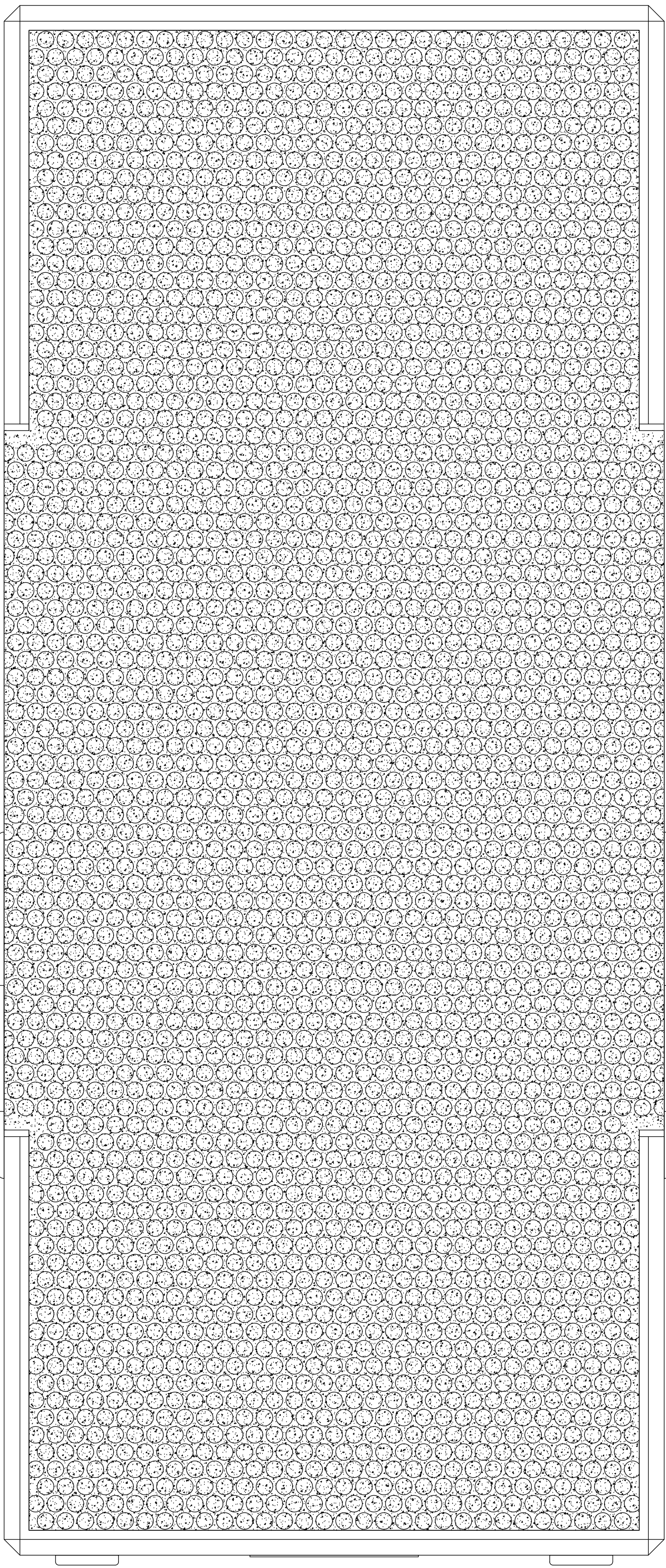
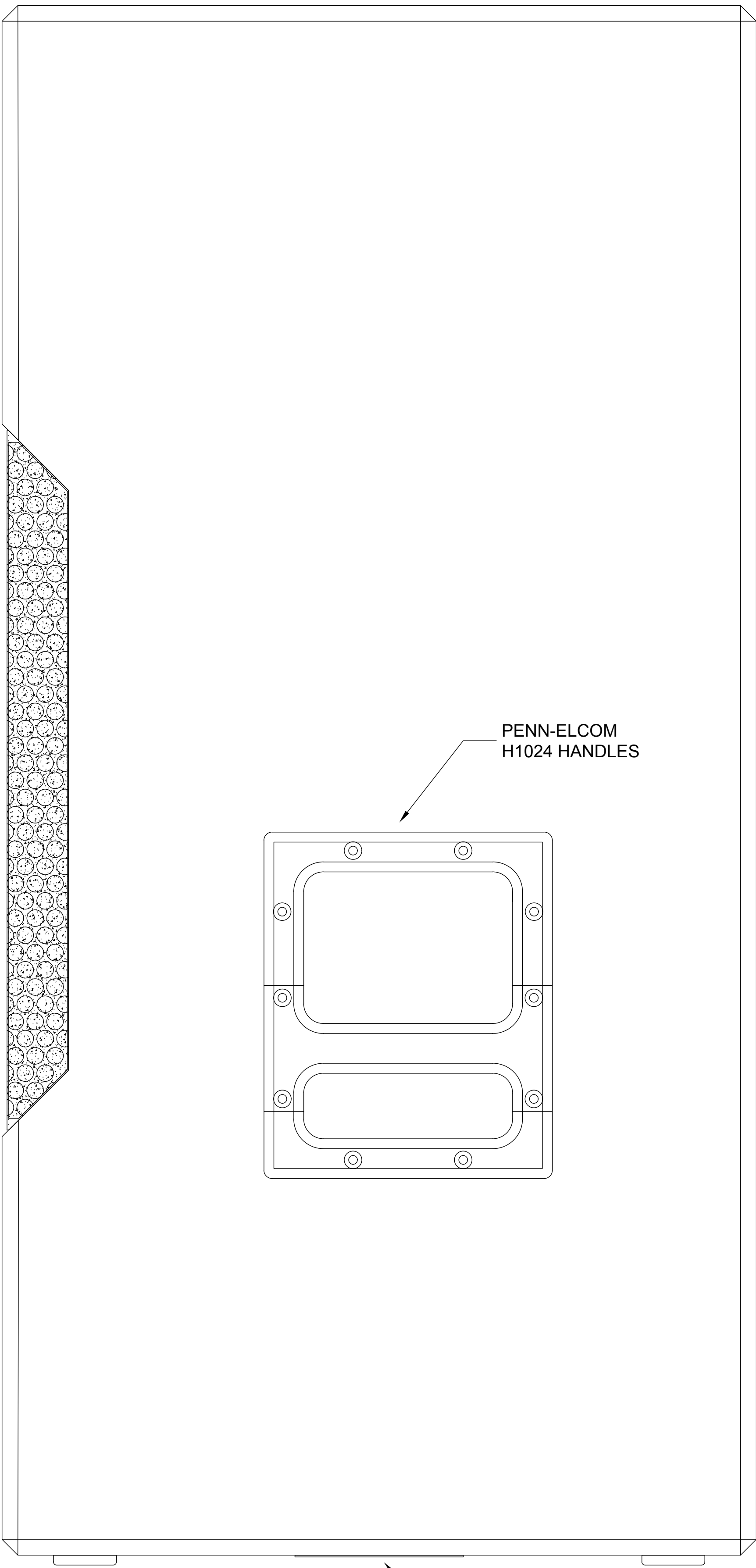


FRONT VIEW



METAL GRILLE
BACKED WITH 20PPi
FILTER FOAM

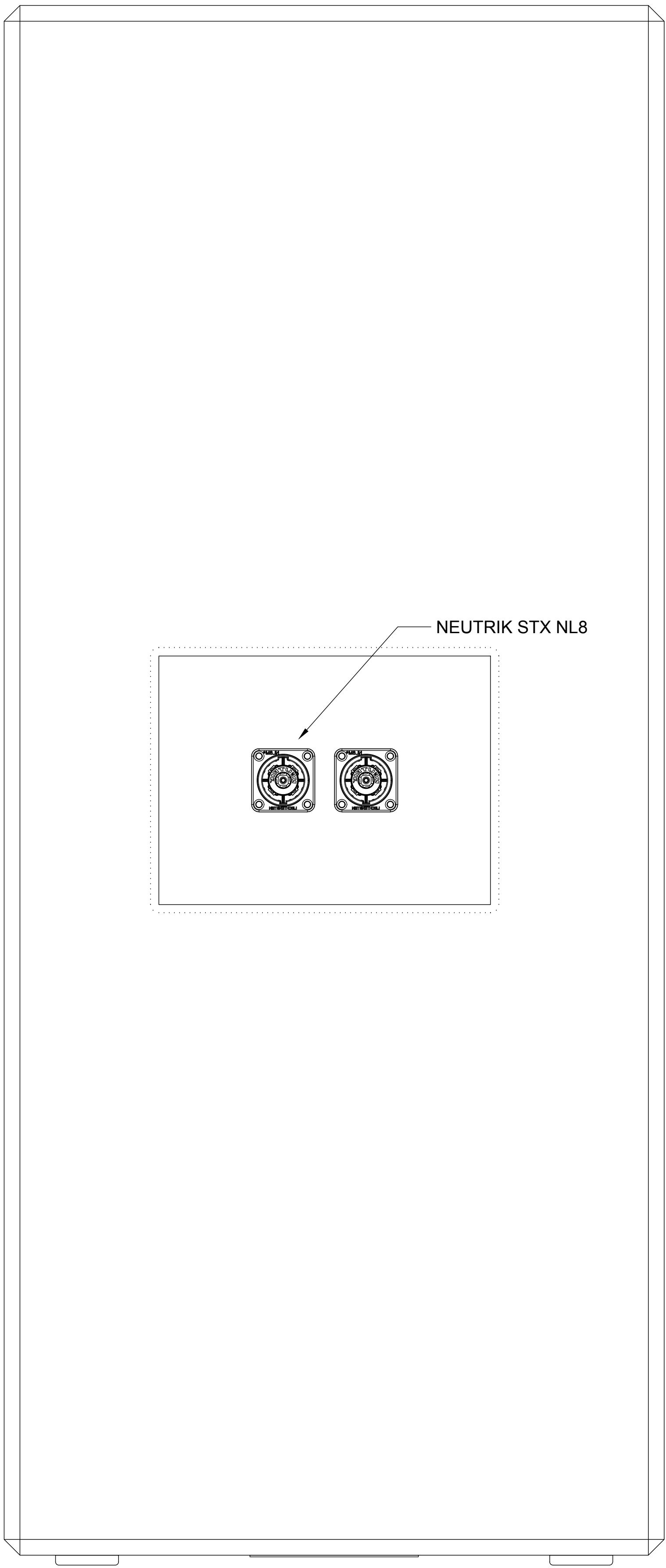
LEFT SIDE VIEW



PENN-ELCOM
H1024 HANDLES

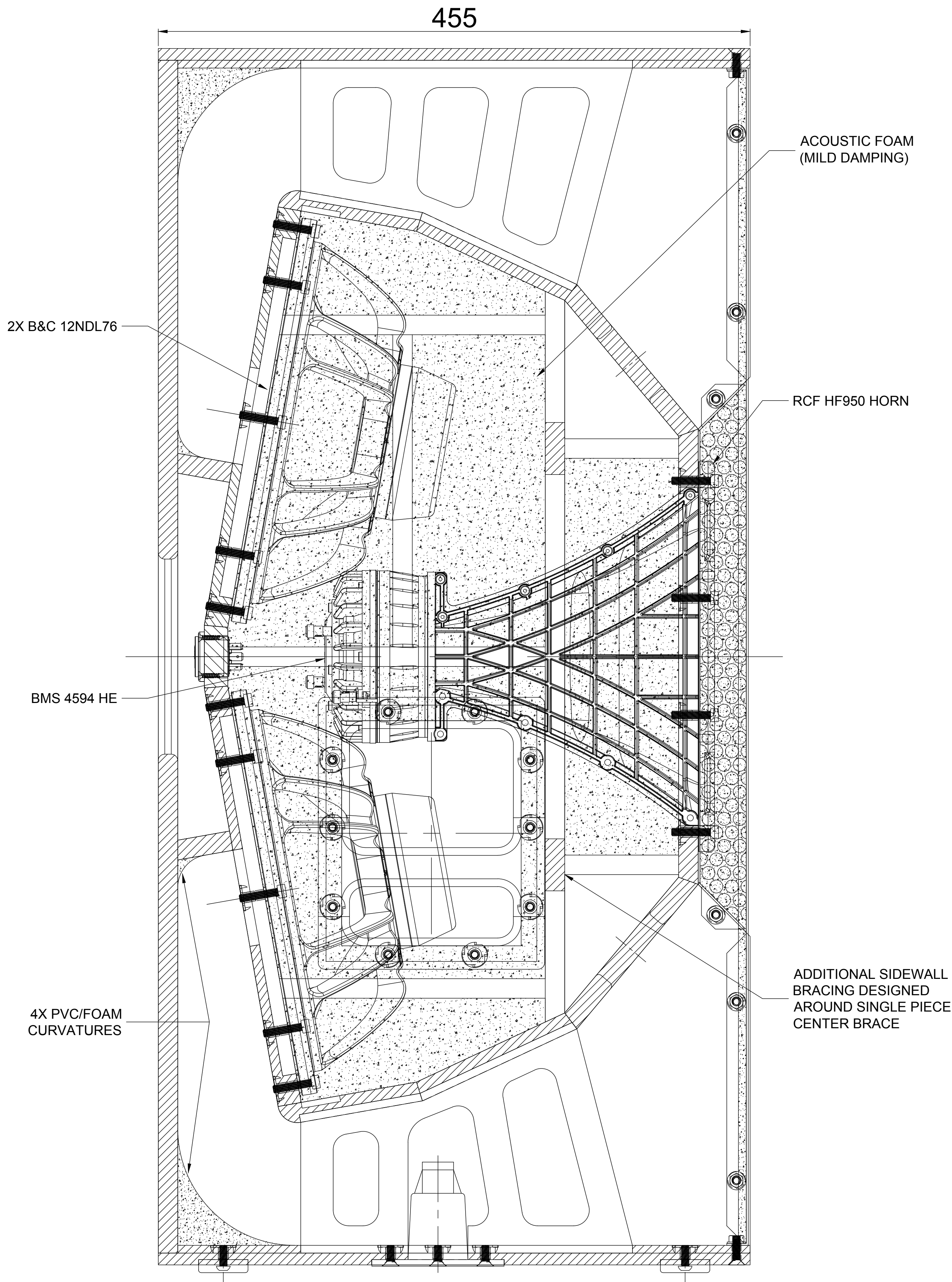
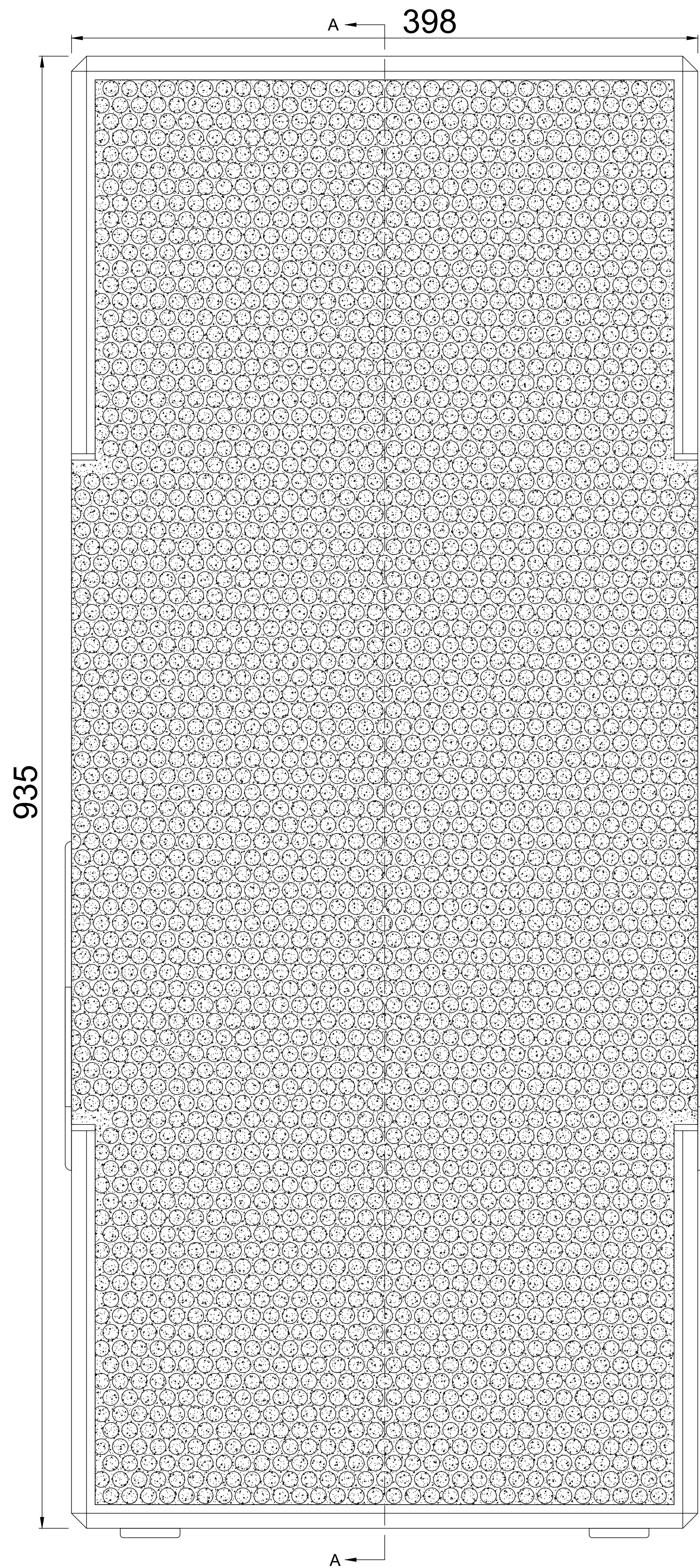
PENN-ELCOM
M1557/M20
POLE MOUNT

REAR VIEW



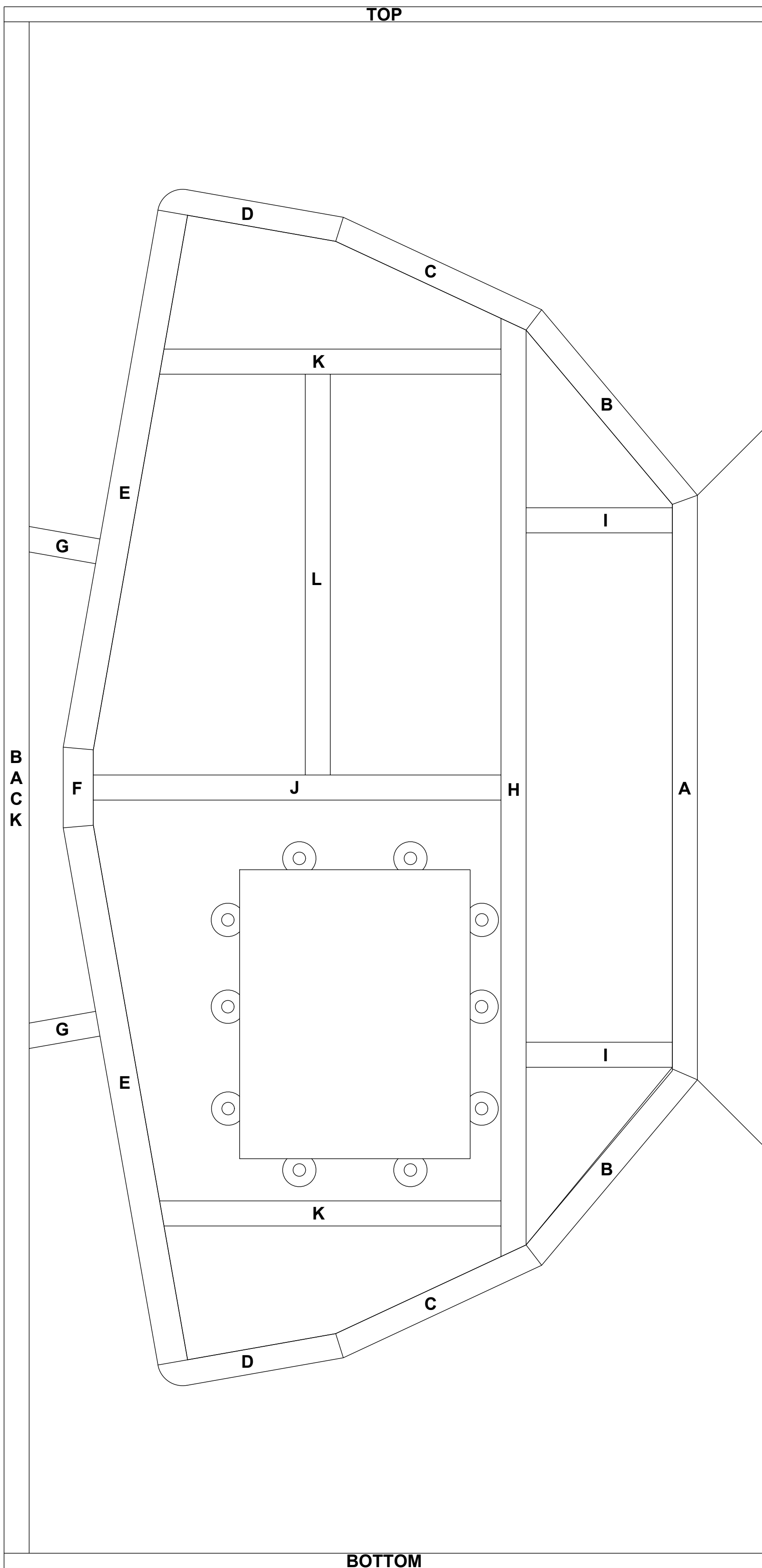
NEUTRIK STX NL8

OVERVIEW



SECTION A-A NOTE: HATCH INDICATES SECTION CUT

BAFFLE LAYOUT



SoundForums.net

PM90

DIY Three-Way Mid-High Speaker Cabinet
Designed by Peter Morris

NOTES:

1. All dimensions SI millimeters.
2. Tolerances on all linear dimensions $\pm 0.1\text{mm}$
3. Tolerances on all angles $\pm 0.1^\circ$
4. Hatch indicates dado or pocket, all 6mm deep, unless otherwise specified.
5. Derive toolpaths from .dxf not from plot.

CONSTRUCTION PROCESS:

1.

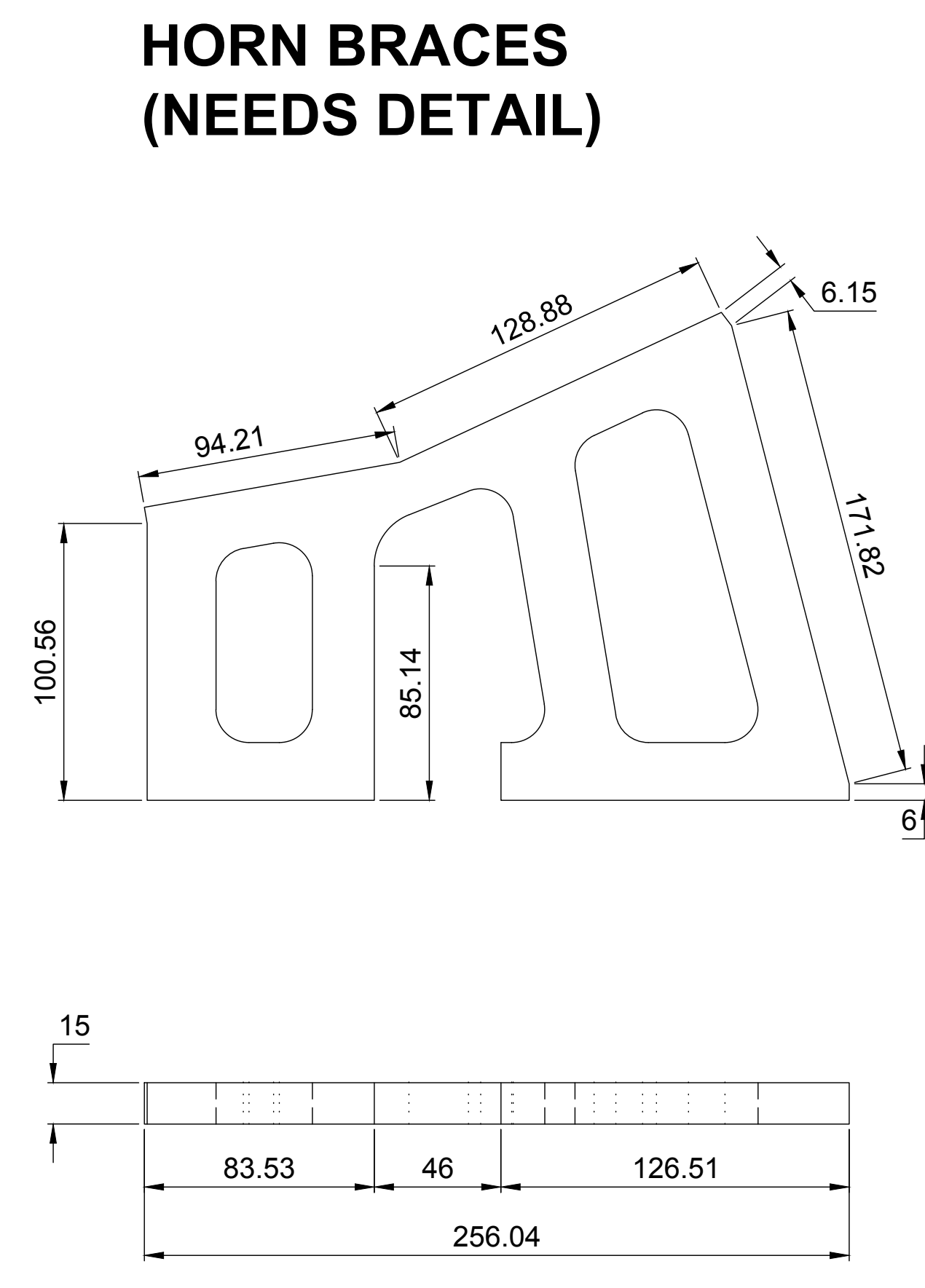
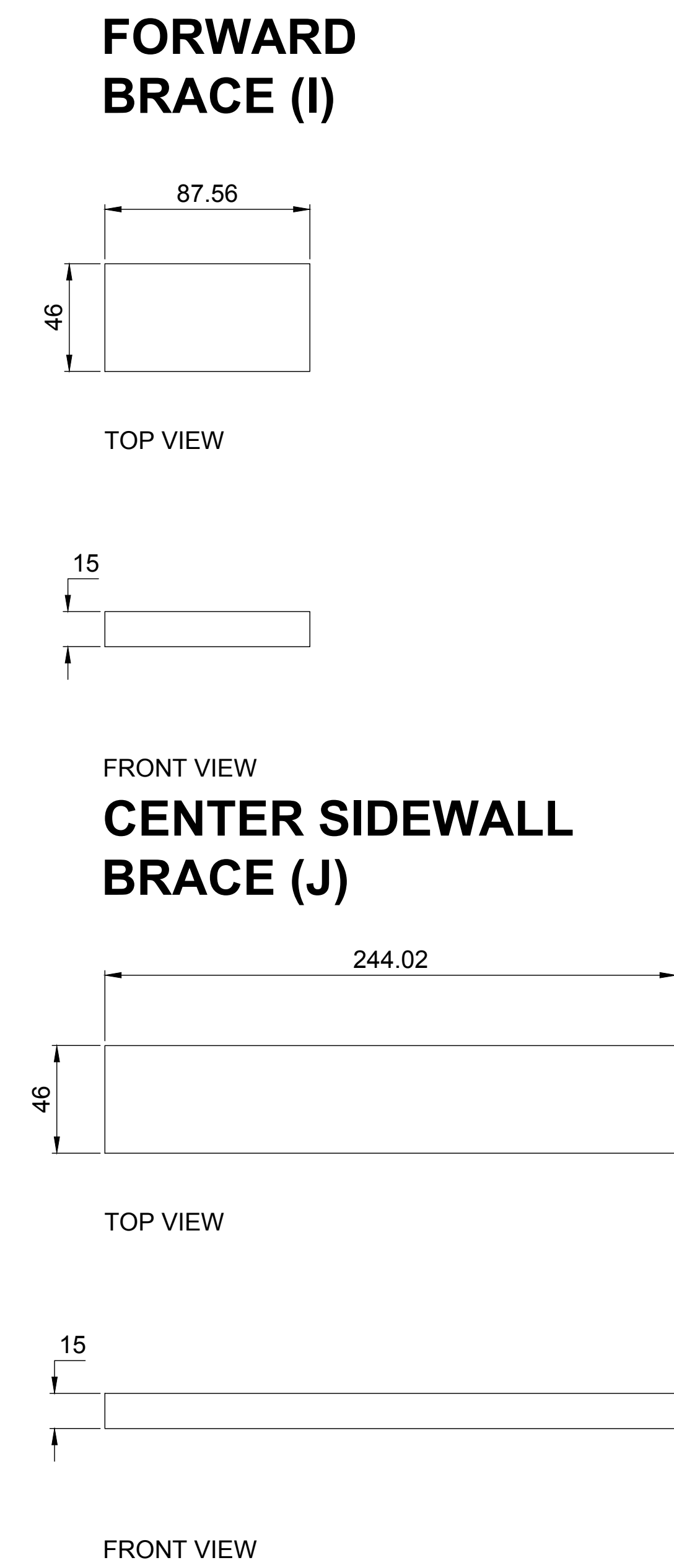
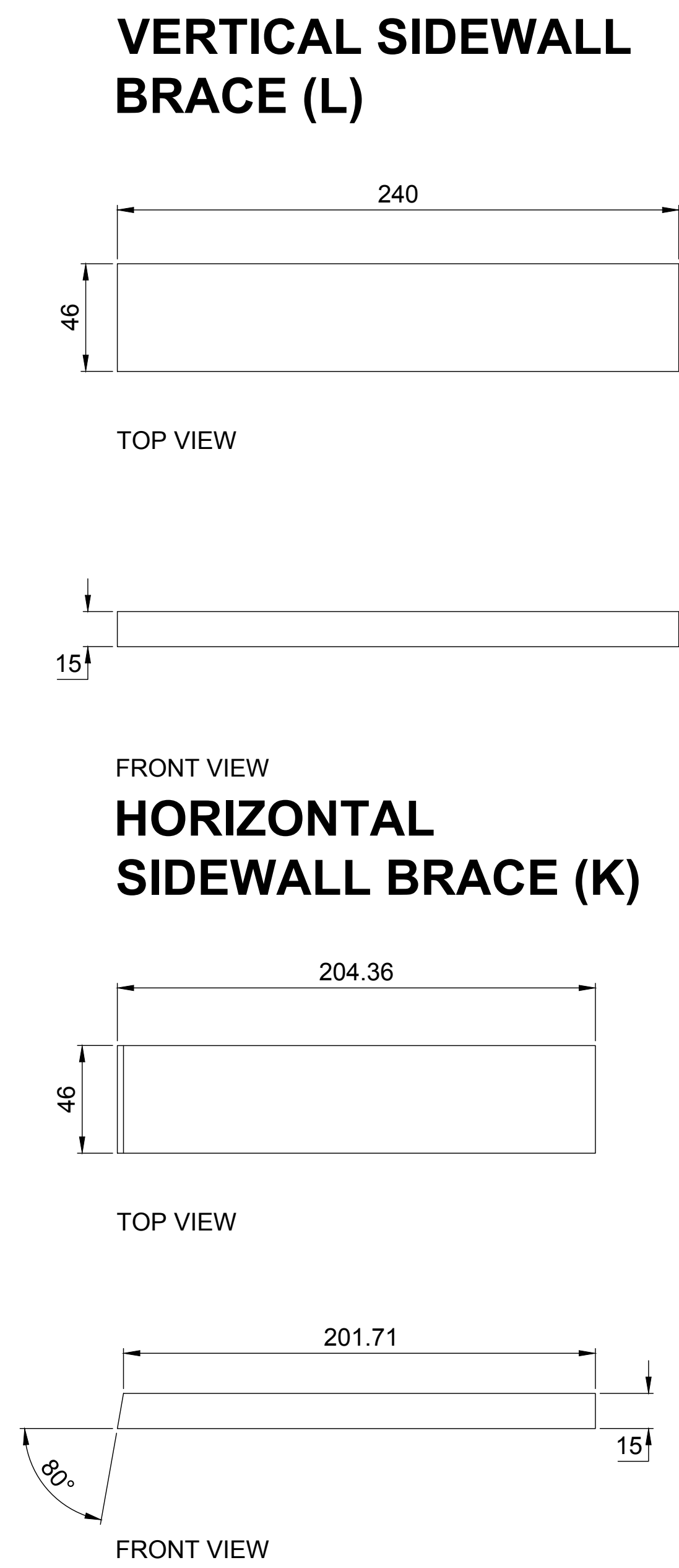
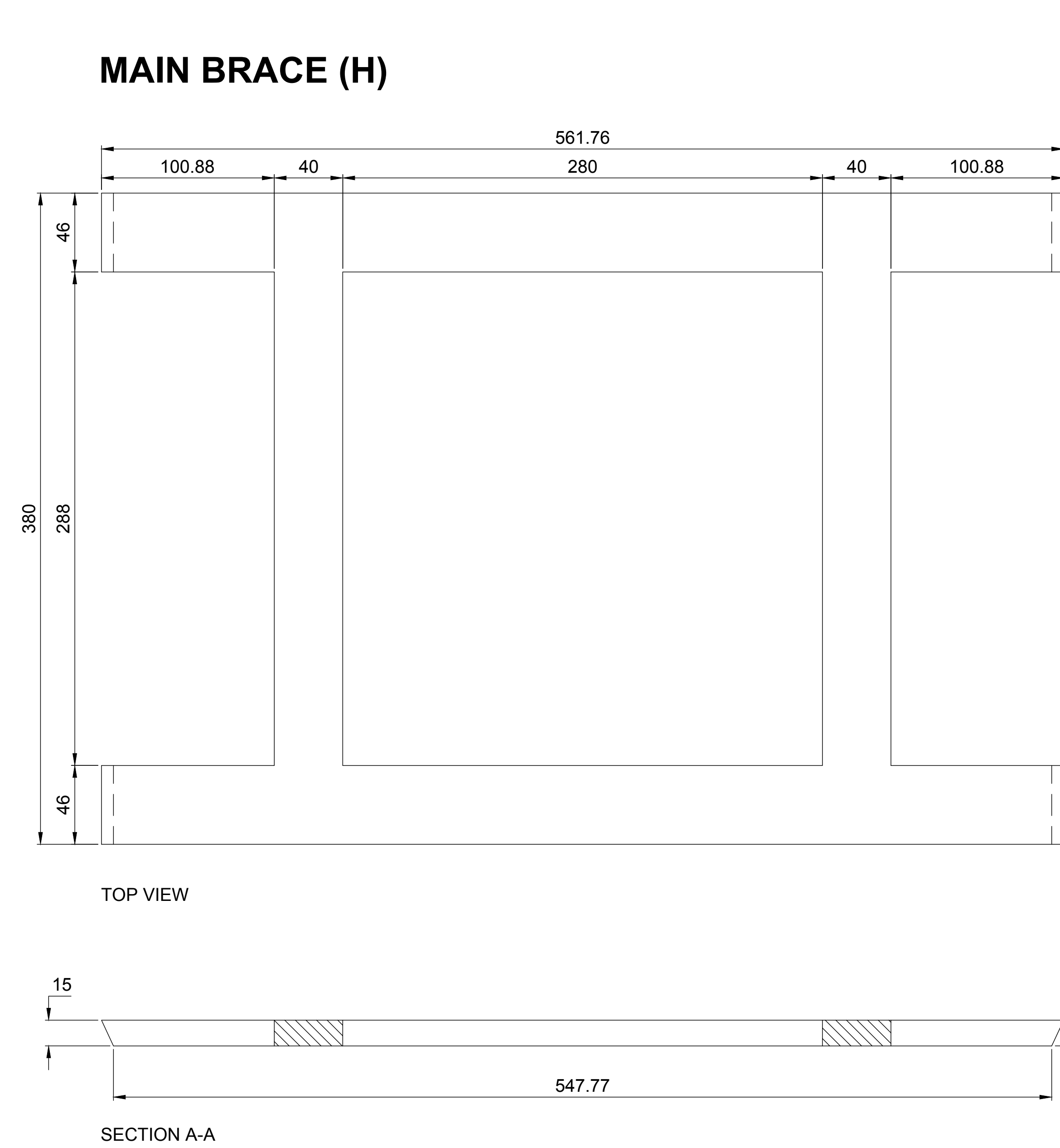
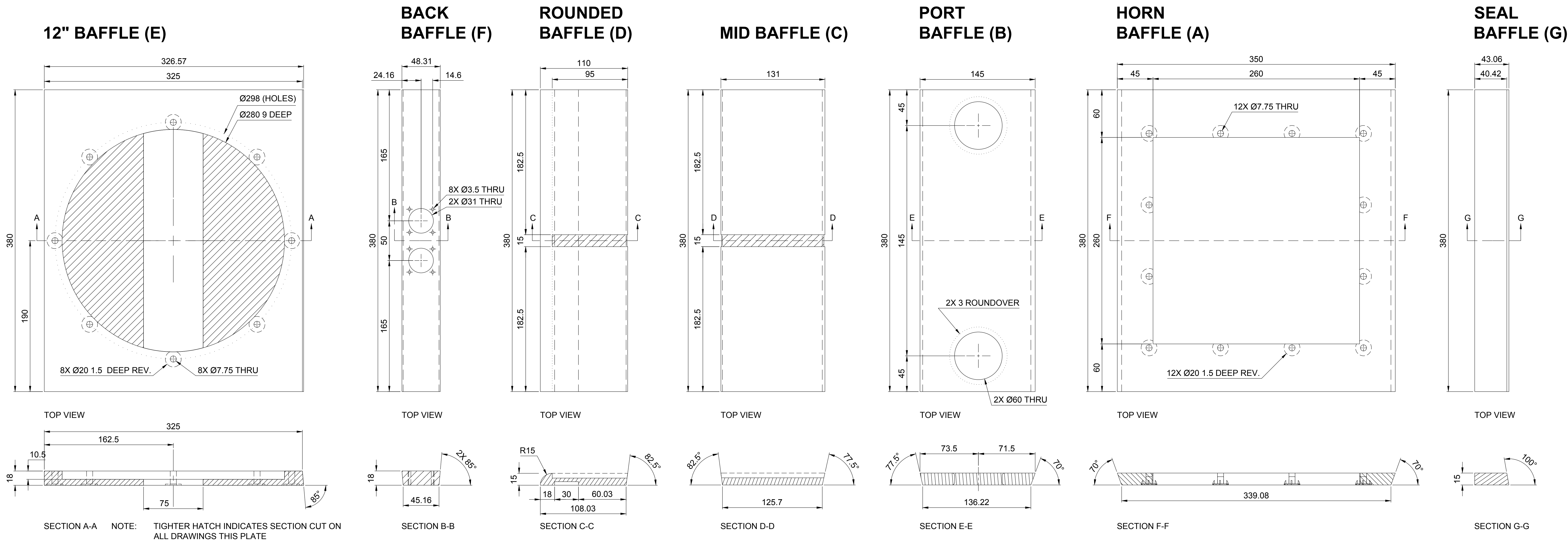
Center Section and
Baffle Map

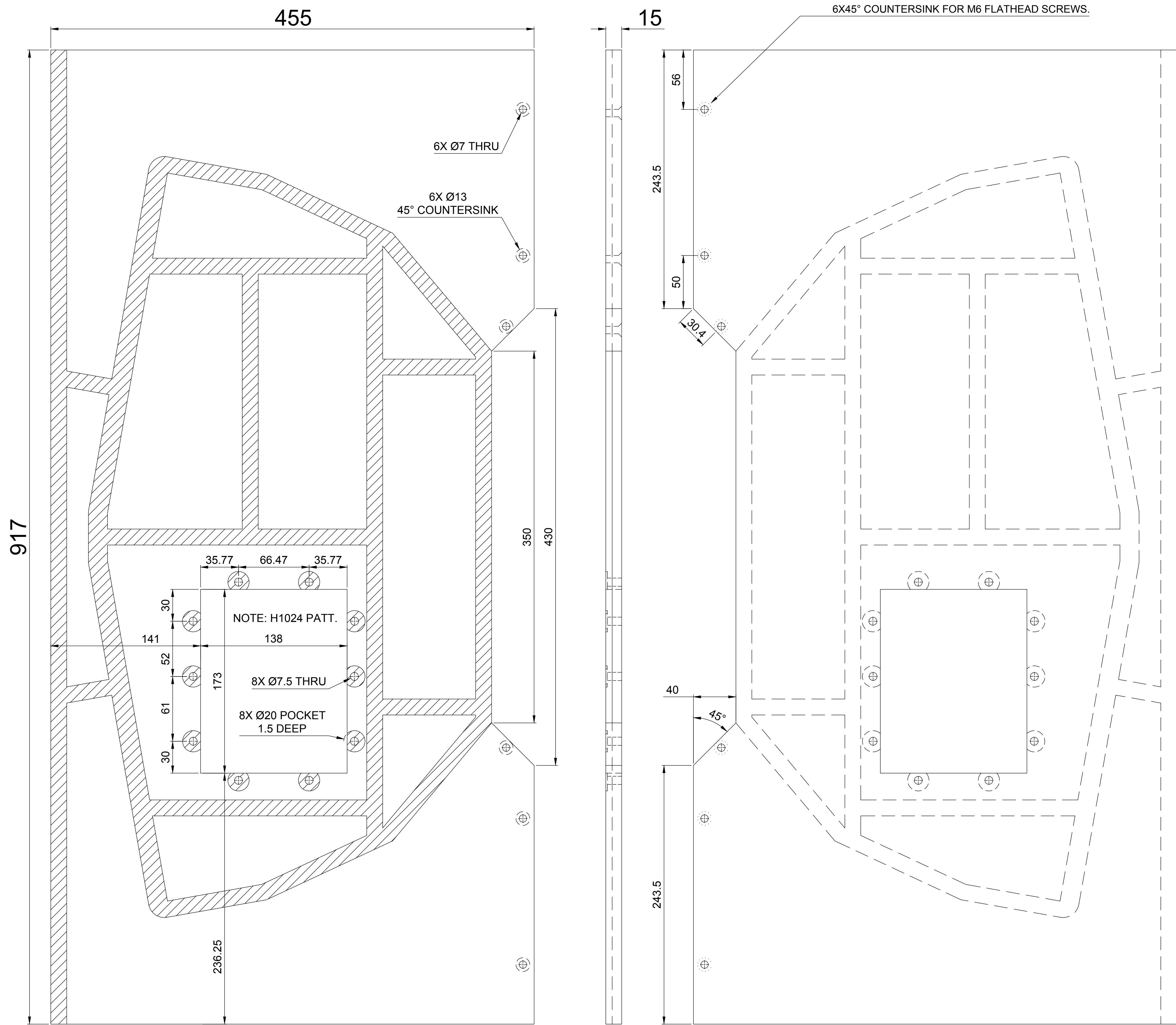
Date: 6/25/2017 Rev: 0.7 Scale: 1:2
Drafted By: Peter Maxwell Warasila

Plate No.

2

of 7





INSIDE VIEW

FRONT VIEW
(ROTATED)

OUTSIDE VIEW

SoundForums.net

PM90

DIY Three-Way Mid-High Speaker Cabinet
Designed by Peter Morris

NOTES:

- All dimensions SI millimeters.
- Tolerances on all linear dimensions $\pm 0.1\text{mm}$
- Tolerances on all angles $\pm 0.1^\circ$
- Hatch indicates dado or pocket. All 6mm deep unless otherwise specified.
- Derive toolpaths from .dxf not from plot.

CONSTRUCTION PROCESS:

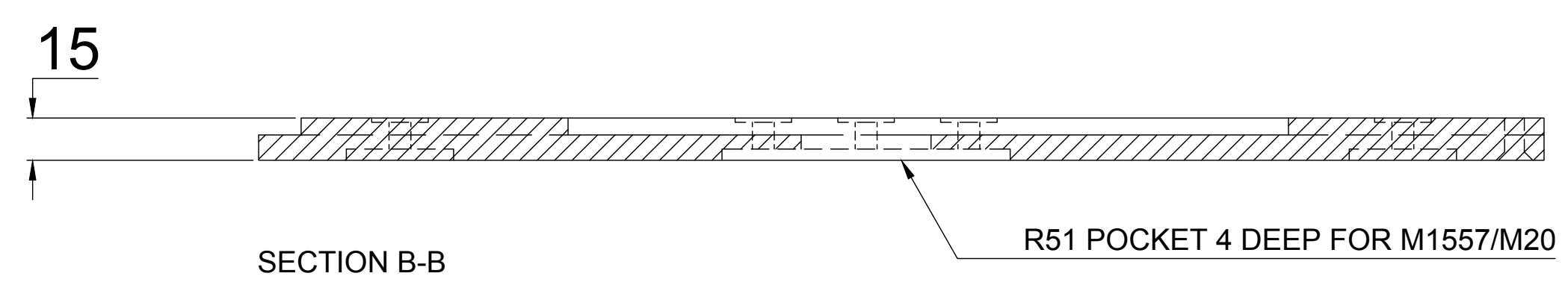
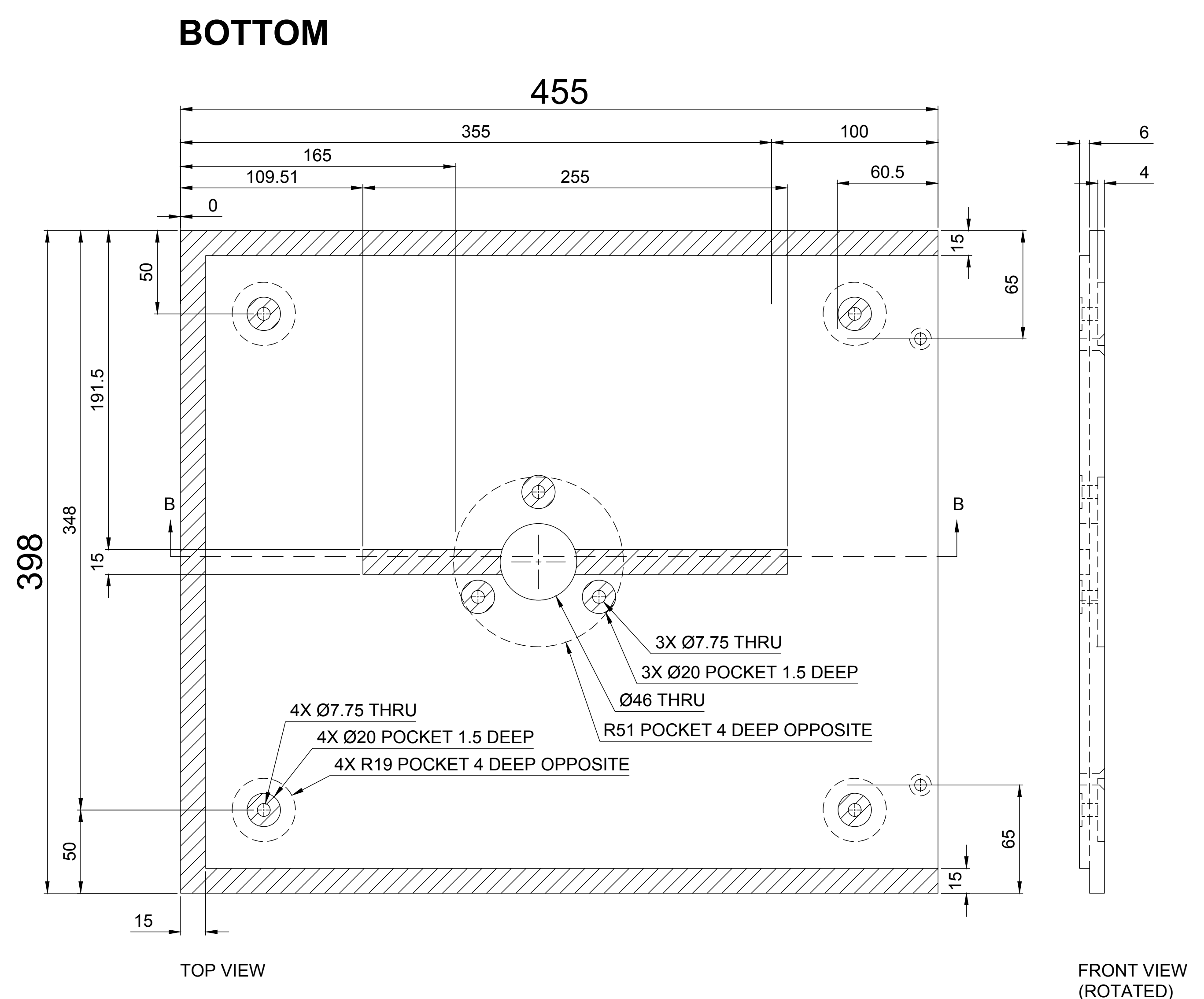
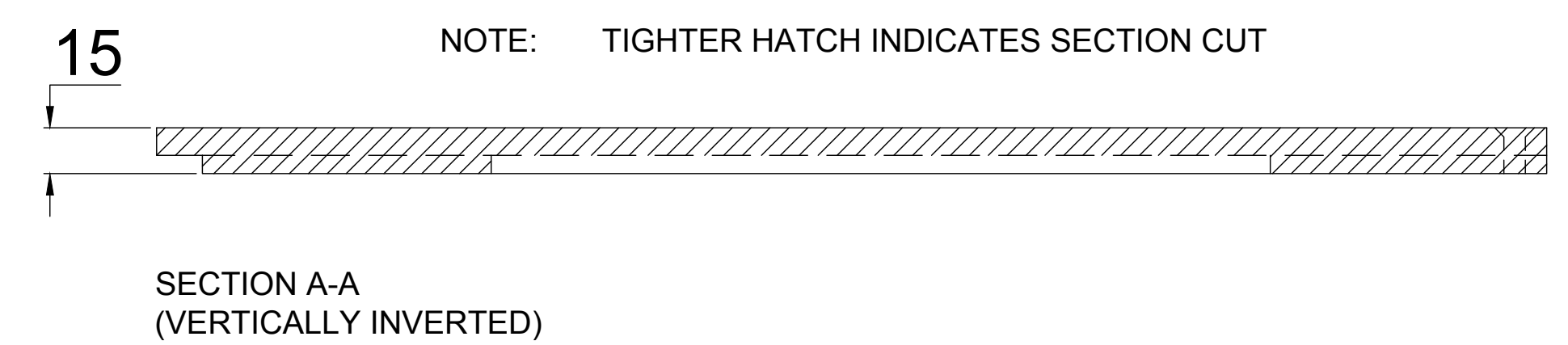
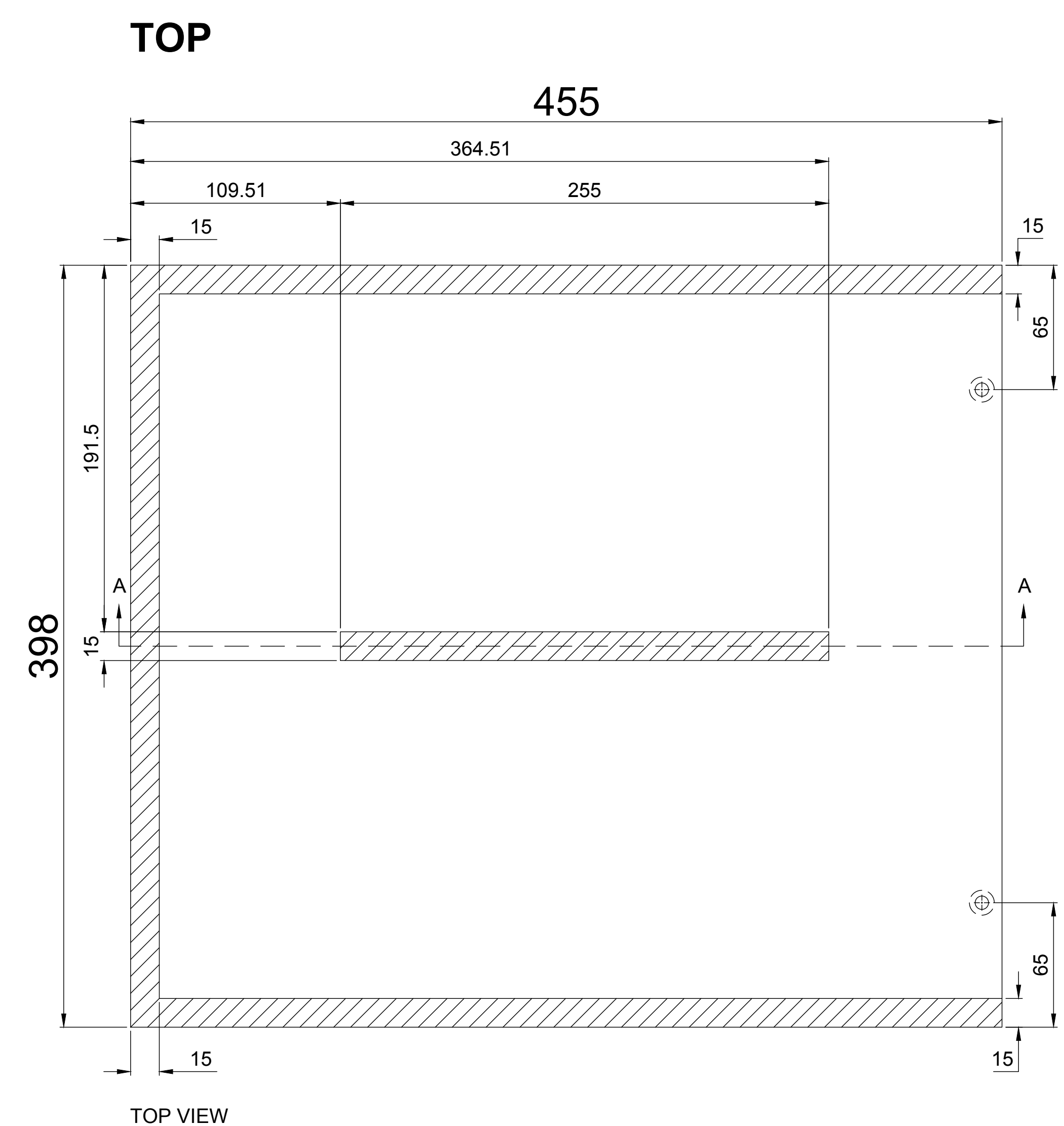
- Profiles, rabbets, and dados CNC routed. The right side is shown. Left side created via reflection from the right side shown.
- T-Nut pockets, thru holes, and countersinks added by hand using a power drill.

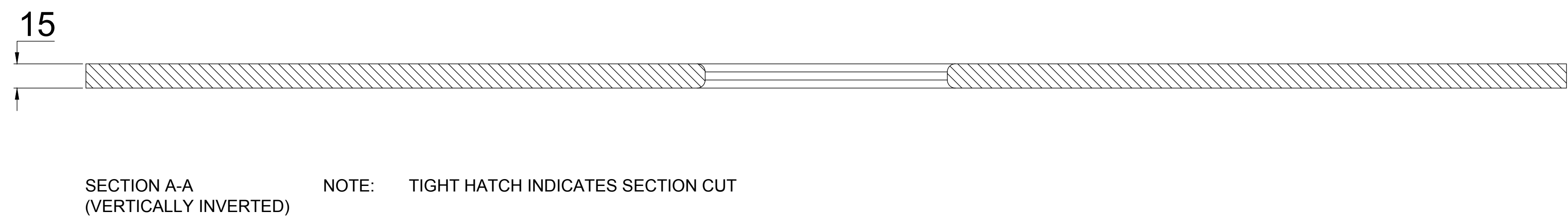
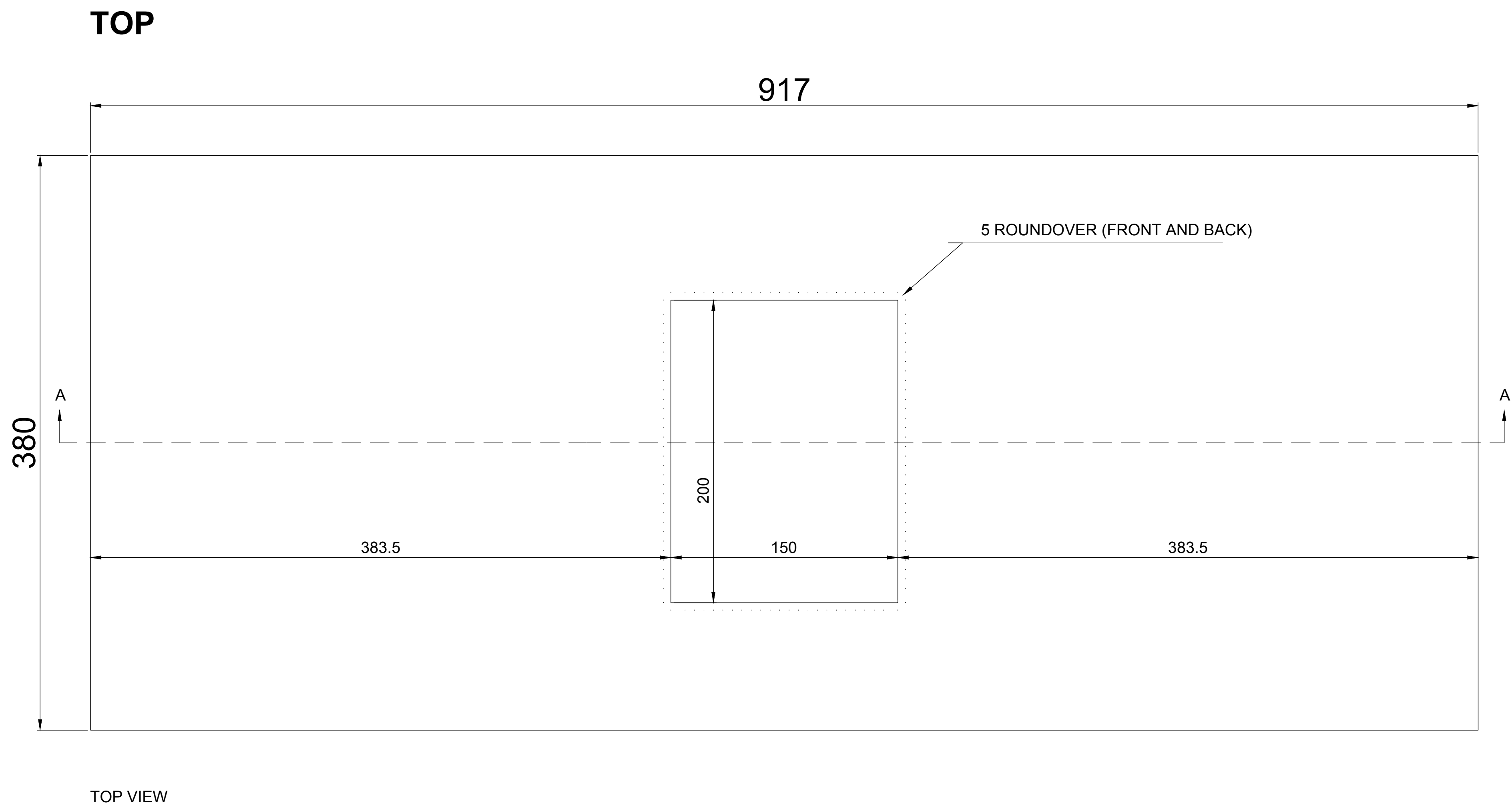
Sides Detail

Date: 6/25/2017 Rev: 0.7 Scale: 1:2
Drafted By: Peter Maxwell Warasila

Plate No.

4
of 7





NOTES:

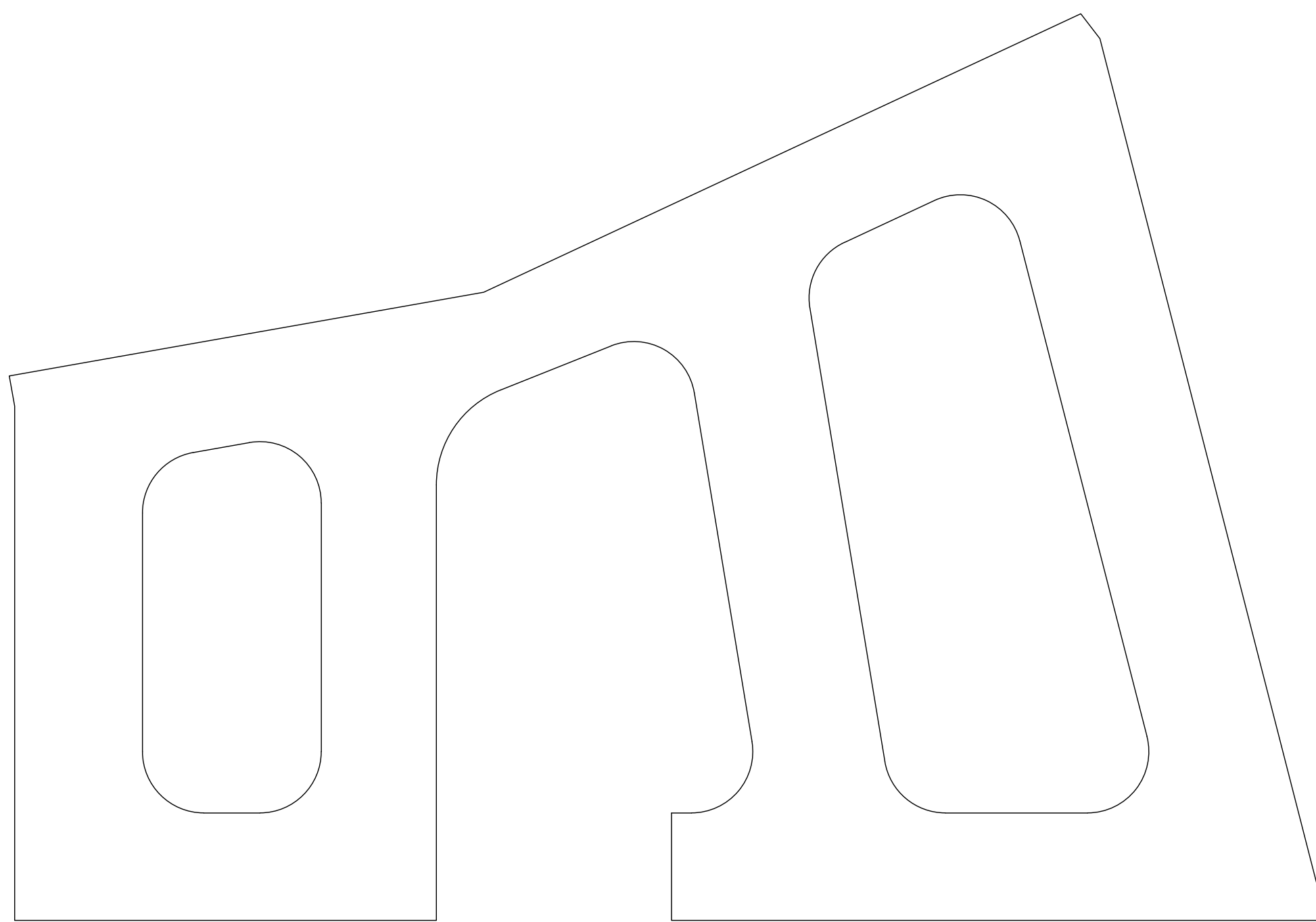
1. All dimensions SI millimeters.
2. Tolerances on all linear dimensions $\pm 0.1\text{mm}$
3. Tolerances on all angles $\pm 0.1^\circ$
4. Hatch indicates dado or pocket, all 6mm deep, unless otherwise specified.
5. Derive toolpaths from .dxf not from plot.

CONSTRUCTION PROCESS:

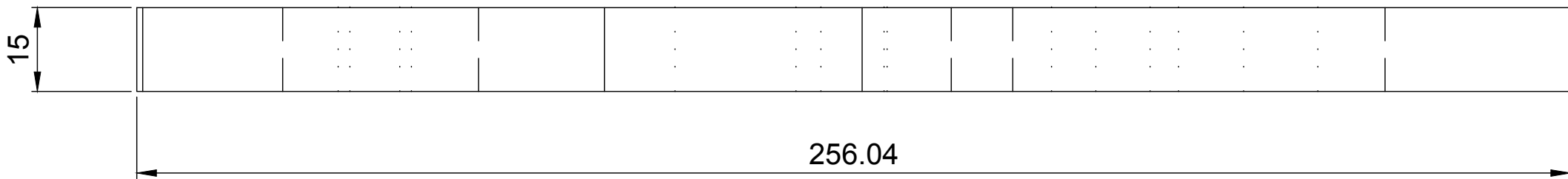
1. Profiles cut with CNC.
2. Roundovers done by hand using router and 5mm roundover bit.

Back Detail

BOTTOM HORN BRACE

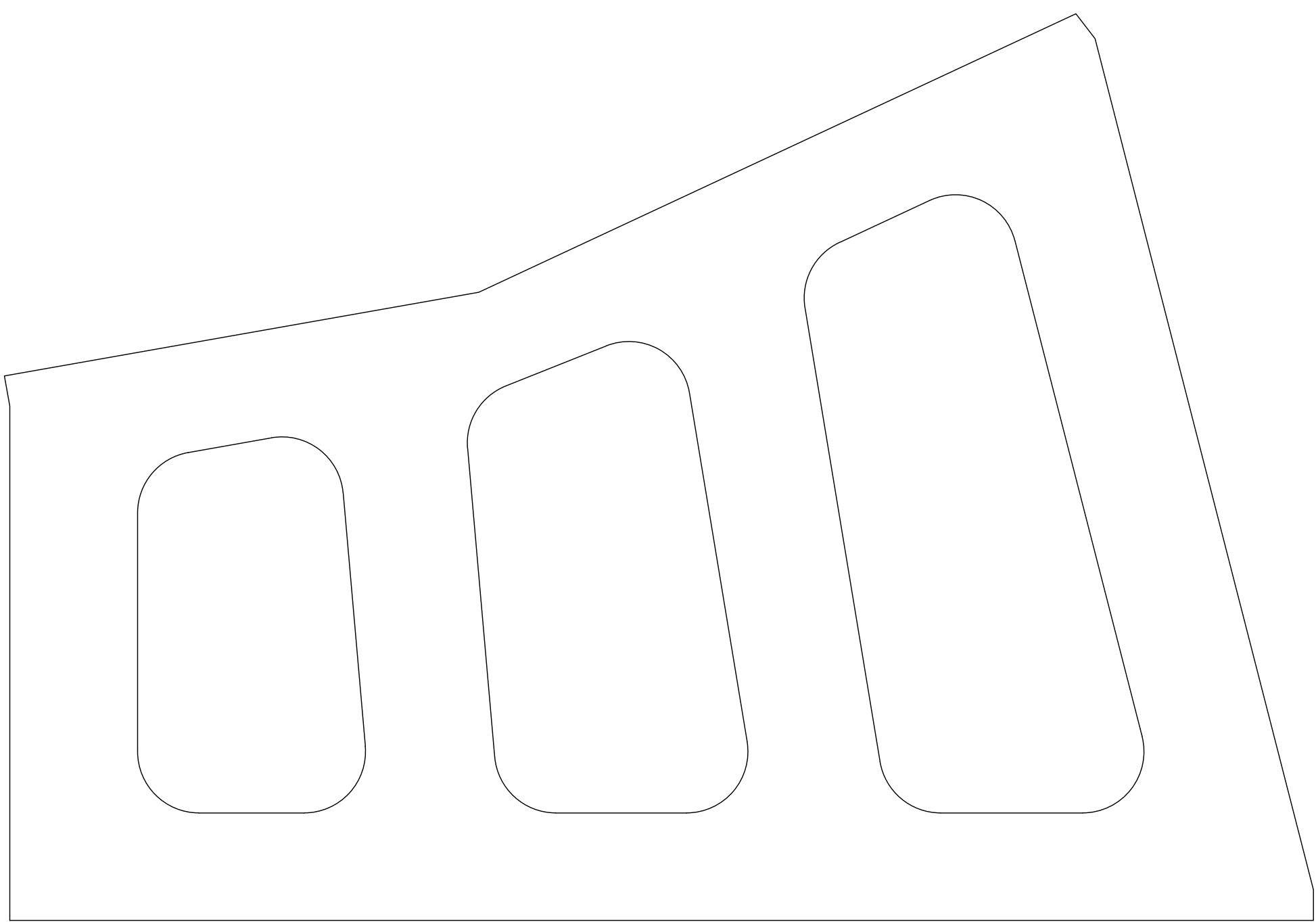


TOP VIEW

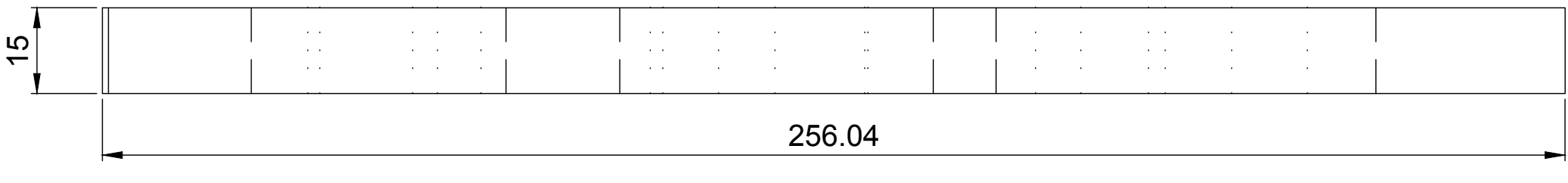


SIDE VIEW

TOP HORN BRACE



TOP VIEW



SIDE VIEW