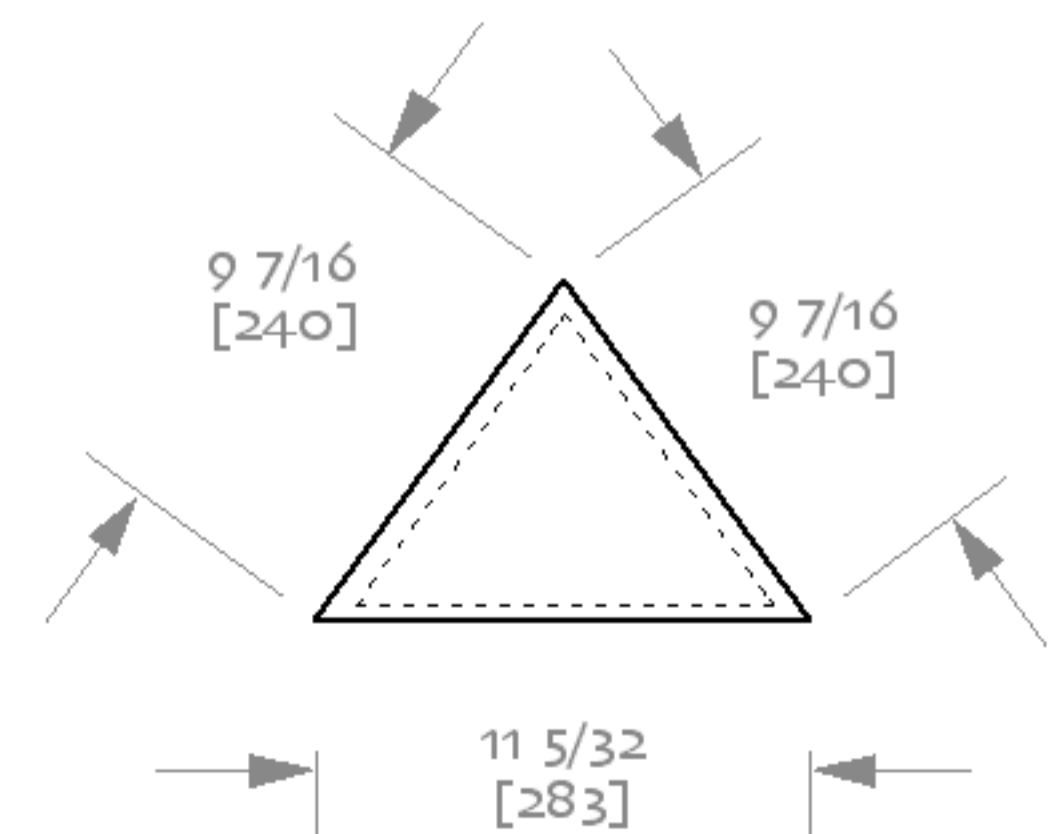
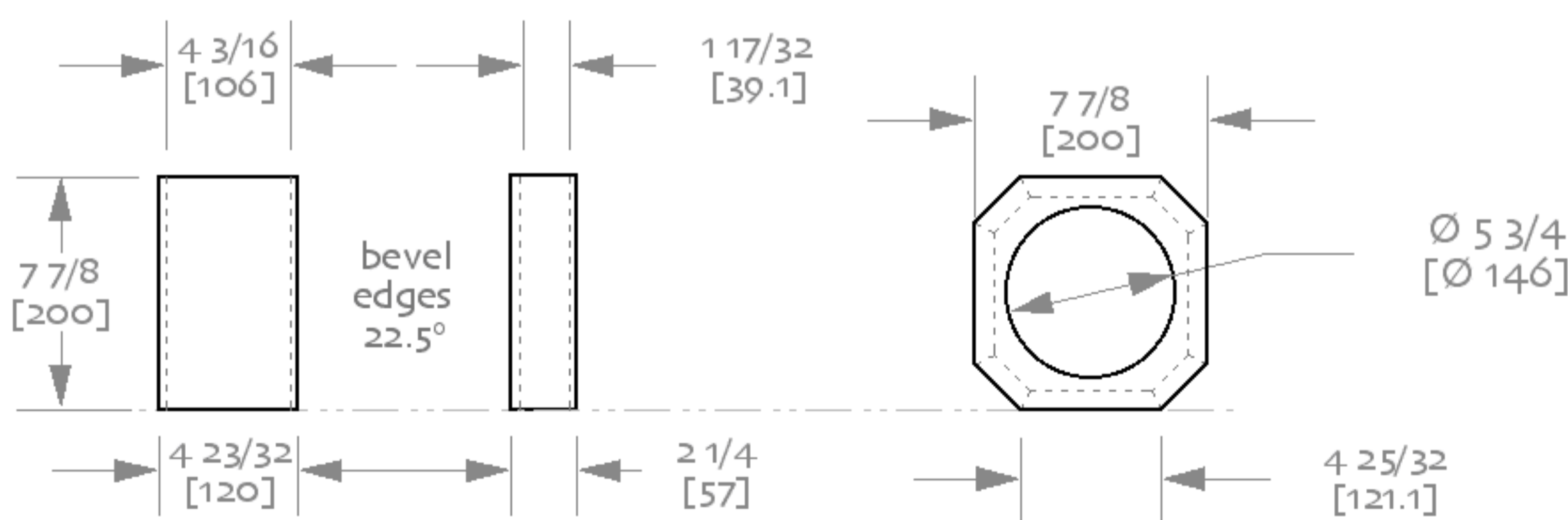
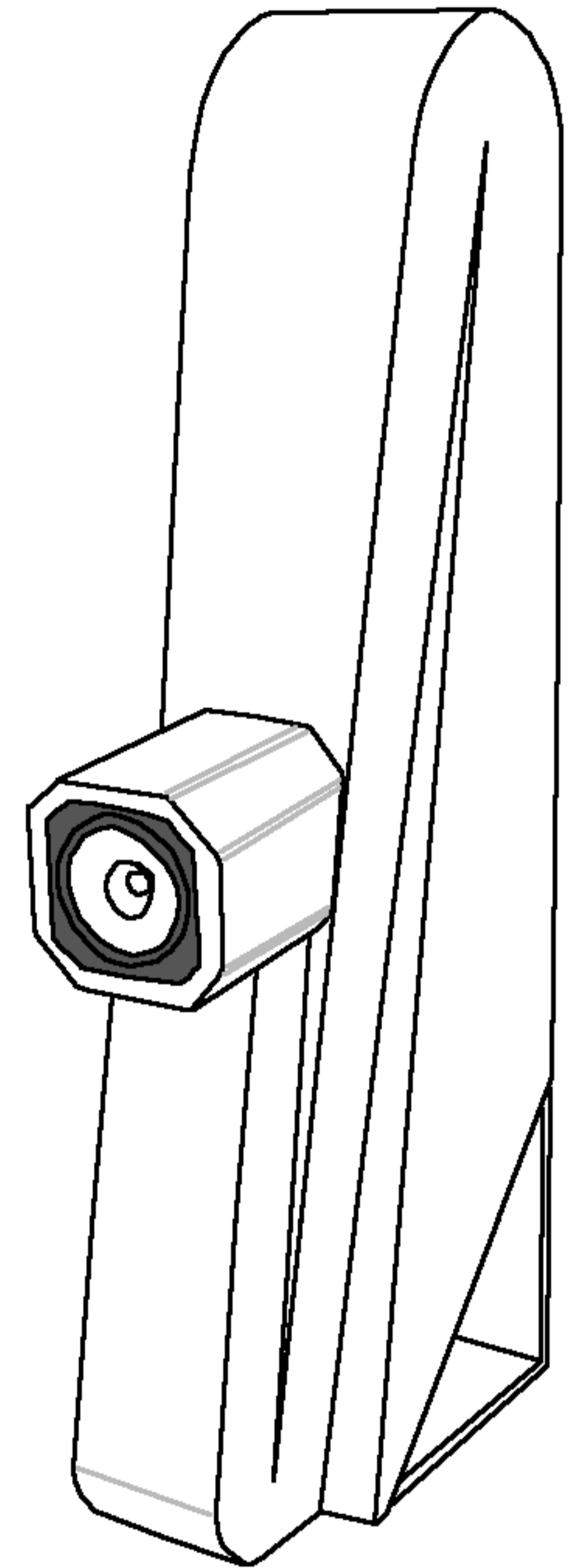
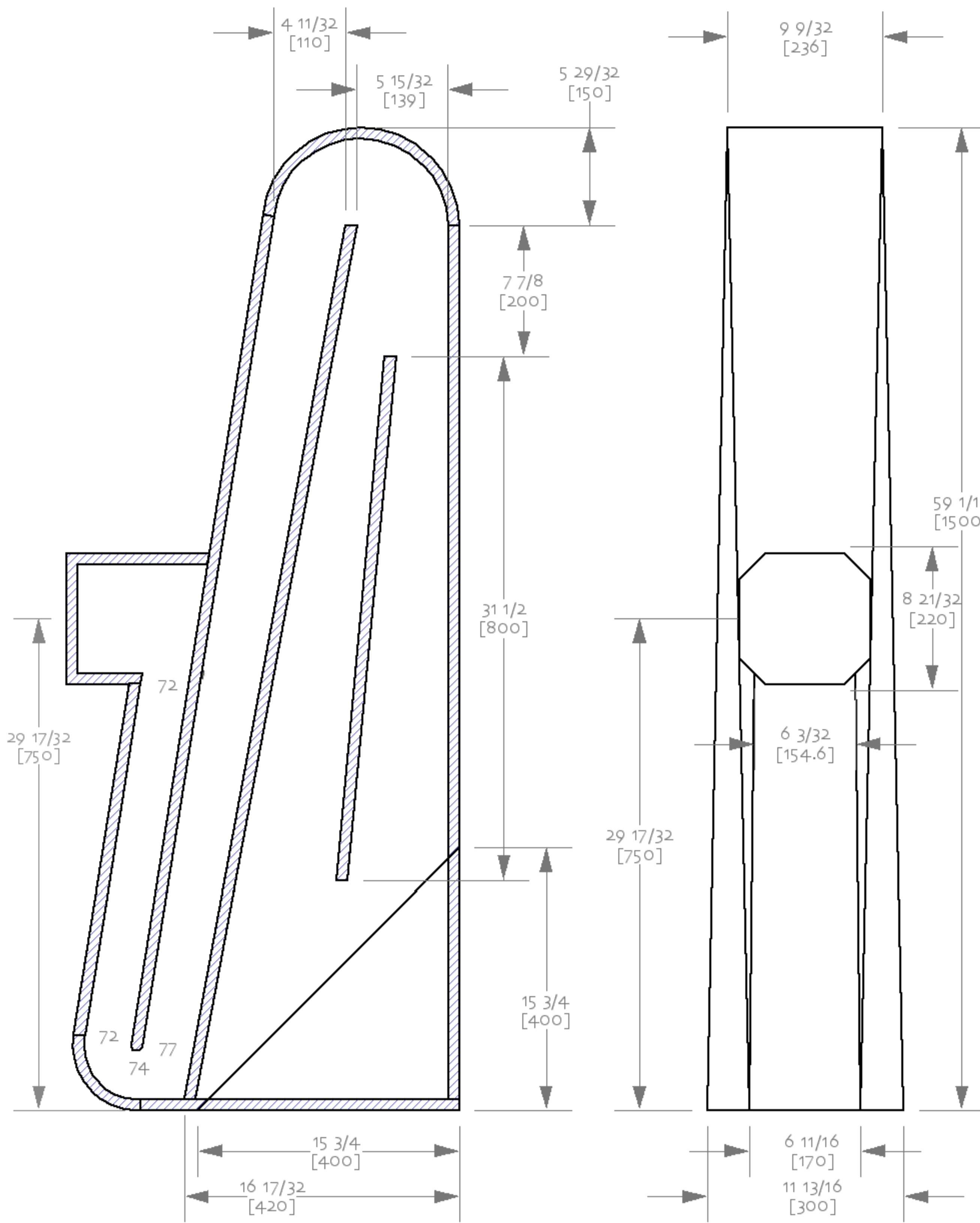


DALEK HORN
FOR FOSTEX FE166
SHEET 1
 designed by Bob Hayes
 03 December 2005
 drawn by dld



chamber parts
(4 per cabinet)

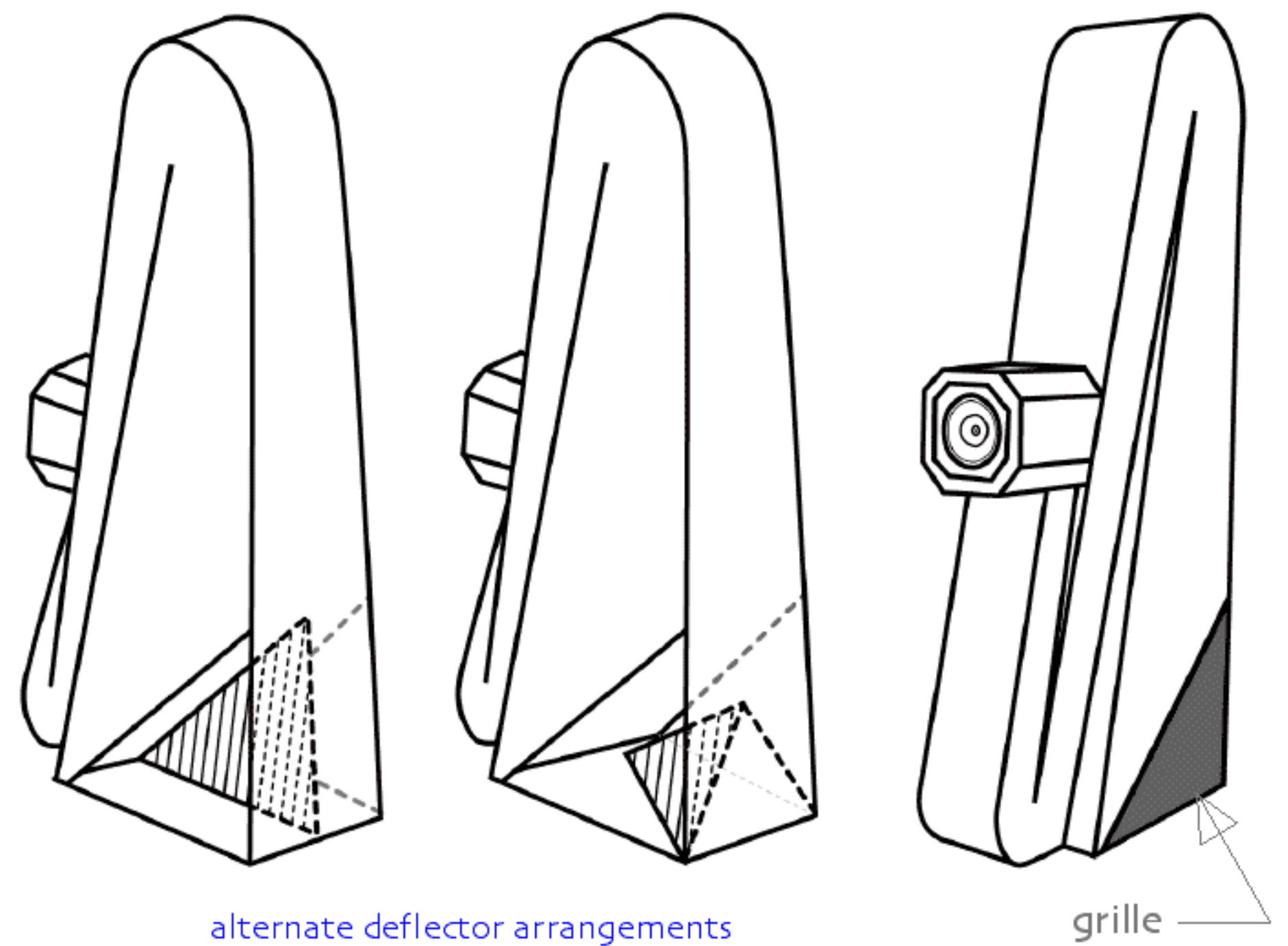
speaker baffle
(trim to chamber)

mouth deflectors
(2 per cabinet)

DALEK HORN
FOR FOSTEX FE166
SHEET 2
 designed by Bob Hayes
 03 December 2005
 drawn by did

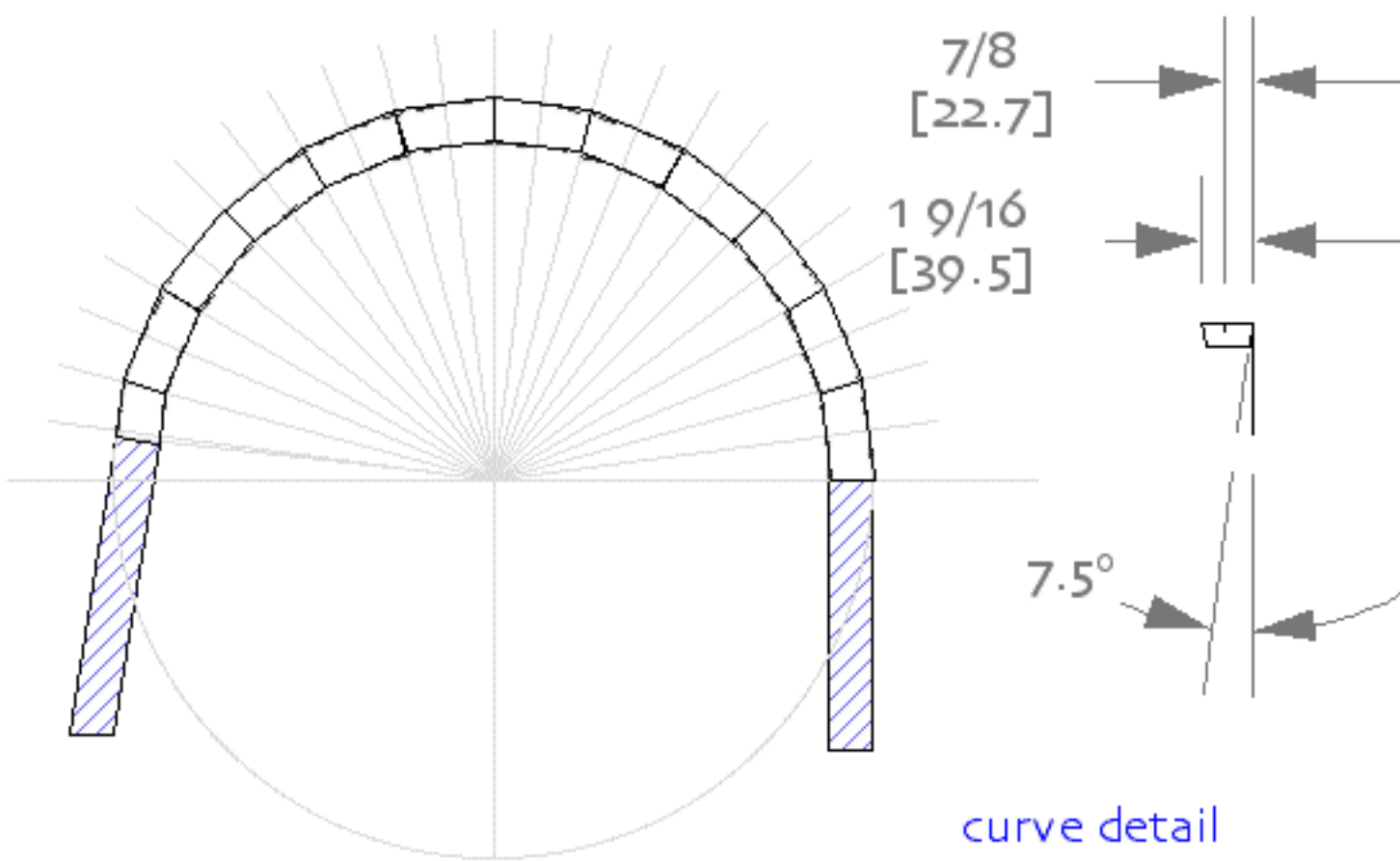
Notes:

- 0/ All panels made with 17mm (0.67"). Designed in metric units.
- 1/ The actual implementation replaced the "pyramidal" deflector with a right-angled triangular panel located centrally against the base & bottom
- 2/ The "missing corners" from the side panels can be used as grill frames.
- 3/ Driver may be flush-mounted
- 4/ When assembling the side panels to the baffle panels (front, back, etc) a twist must be introduced on the lines showing dimensions A & B on the main drawing, and also on the 72, 77 dimension line. This is easier if you "relieve" the panel by cutting a groove across the line about 6mm deep on the inside of the panel.



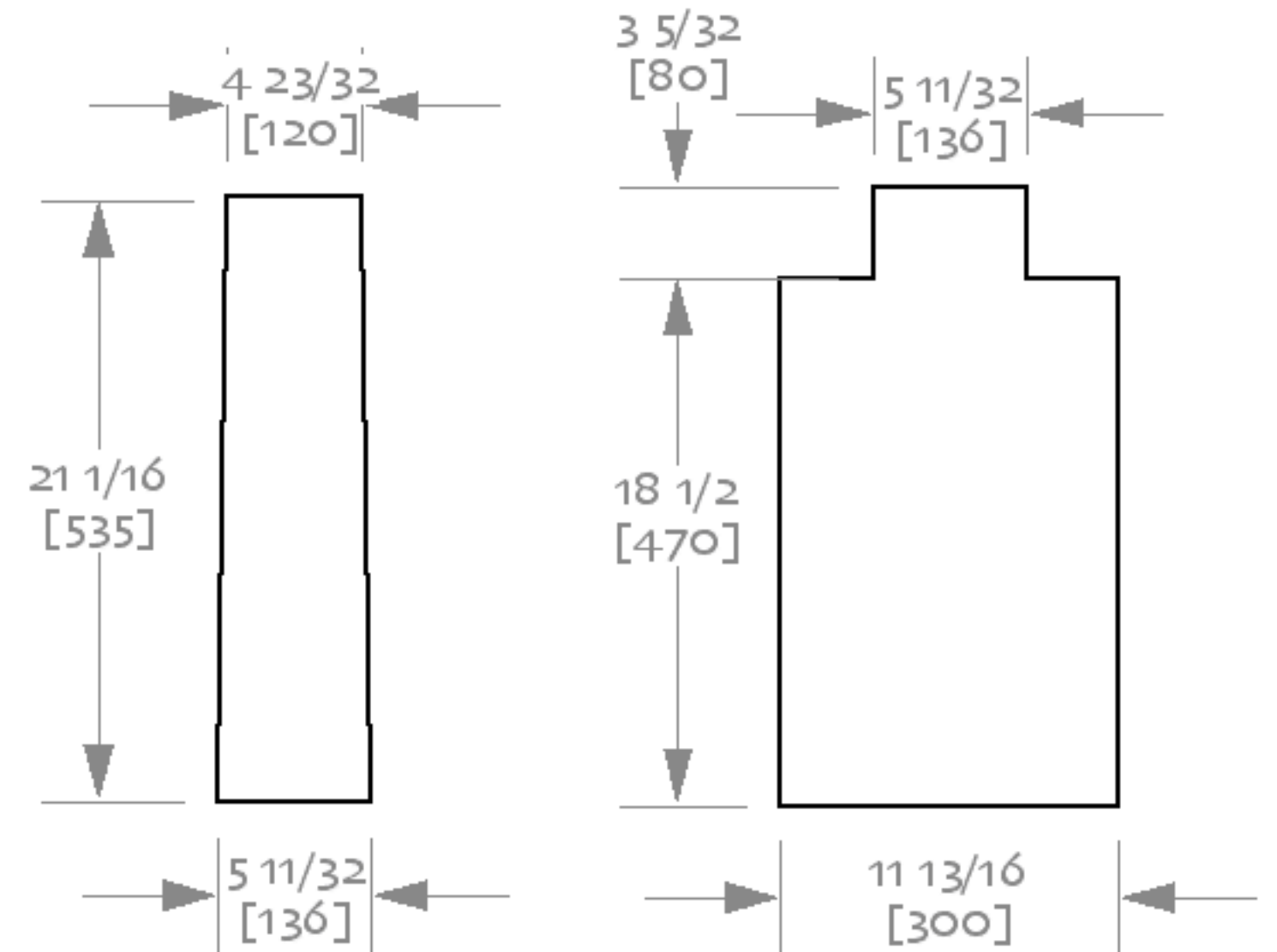
alternate deflector arrangements

grille



curve detail

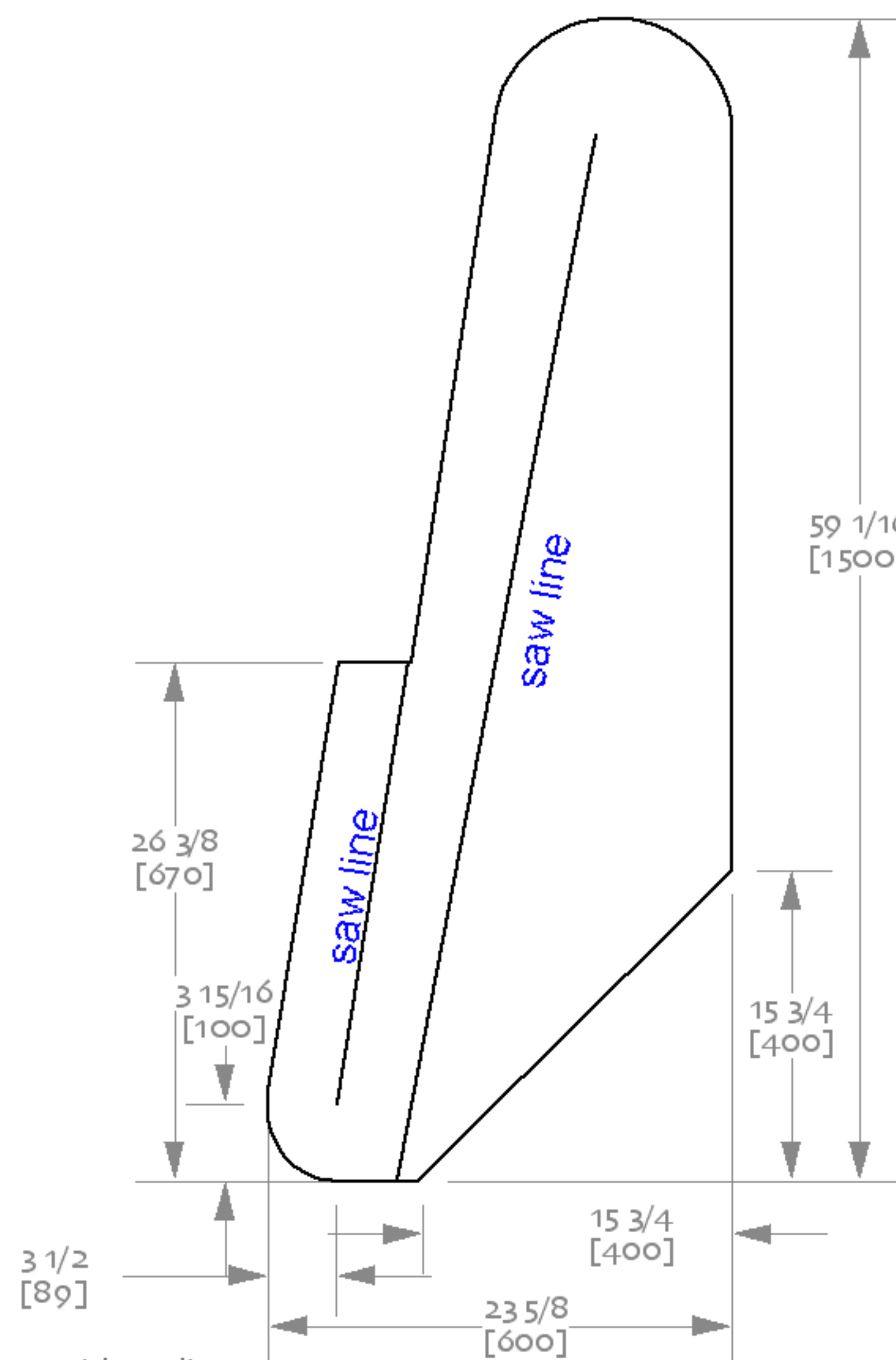
For the curved top construction 13 strips were cut 39.5 mm wide with 7.5° chamfer both sides and trimmed lengthwise to fit from side to side. The small gap can be filled by trimming the 13th piece to fit (~23mm). Sand round after filling, prior to painting. The bottom curve is done the same way.



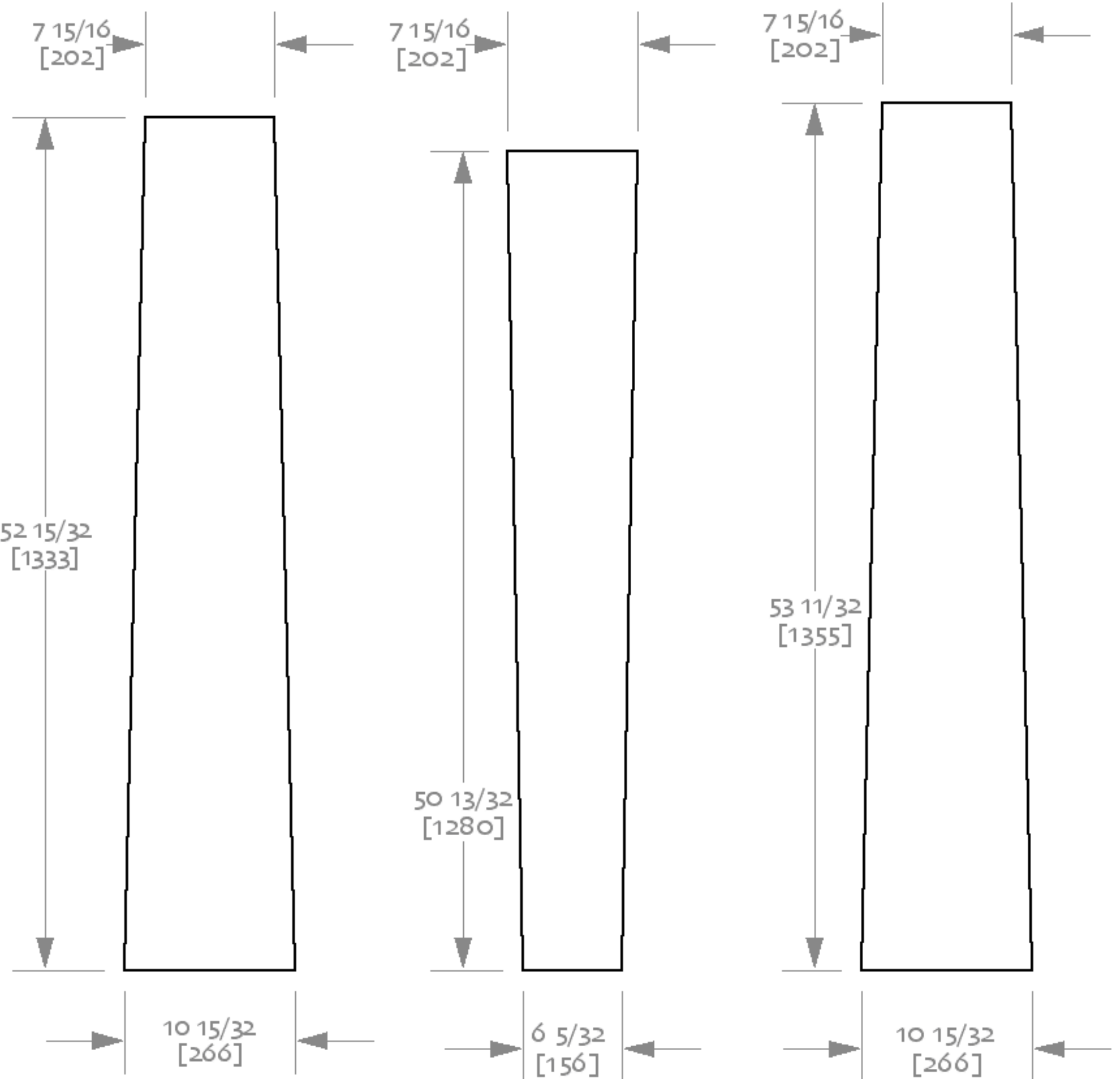
base panel

Lower front panel

outside radius = 150mm (5 29/32")



outside radius = 100mm (3 15/16")
 side panel (2 per cabinet)



back panel

upper front panel & baffle

internal Partition 1 & 2