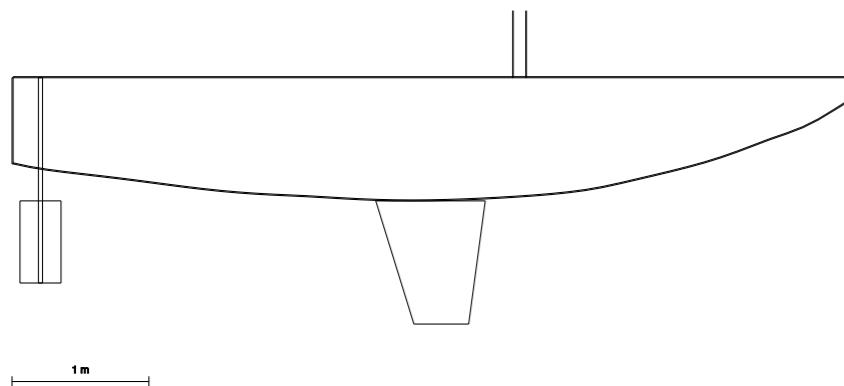
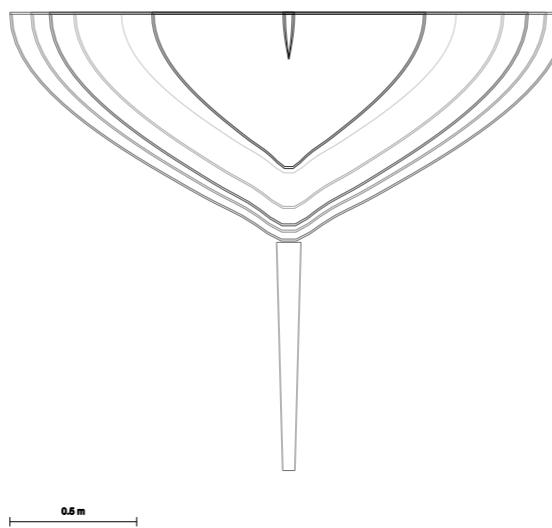


Lines Plan of KB1

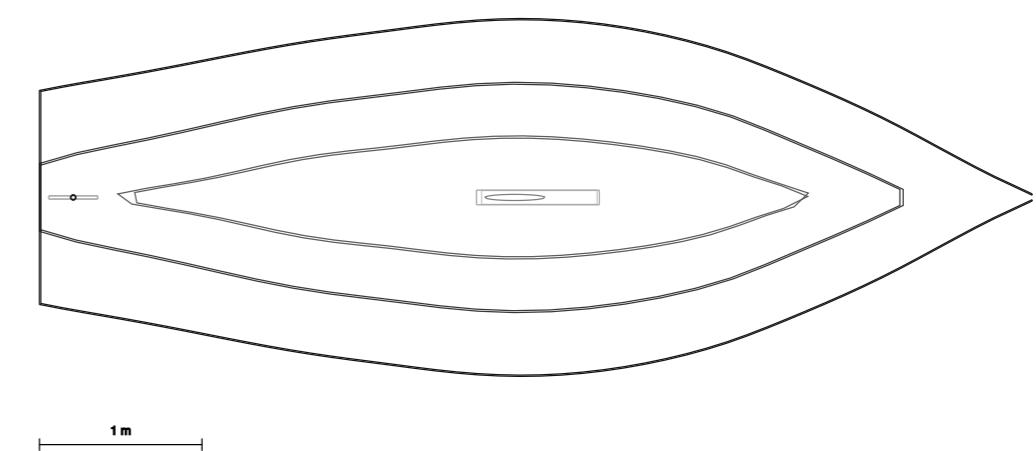
Profile



Body Plan



Full-Breadth Plan



Section Stations

Station	Y (mm)
stn_0	-3050
stn_1	-2033
stn_2	-1017
stn_3	1
stn_4	1017
stn_5	2033
stn_6	3050

Waterline Heights

Waterline	Z (mm)
wl_below_2	-200
wl_below_1	-100
waterline	1
wl_above_1	200
wl_above_2	400
deck	898

Principal Dimensions

Parameter	Value
LOA	6.10 m
LWL	5.60 m
Beam	2.20 m
Draft (total)	1.20 m
Hull Draft	0.30 m
Freeboard	0.60 m
Deck Level	0.90 m

Performance

Parameter	Value
Displacement	1771 kg
Sail Area	10.0 m ²
Mast Height	8.00 m
Ballast Ratio	23.2%

Profile (Sheer Plan)

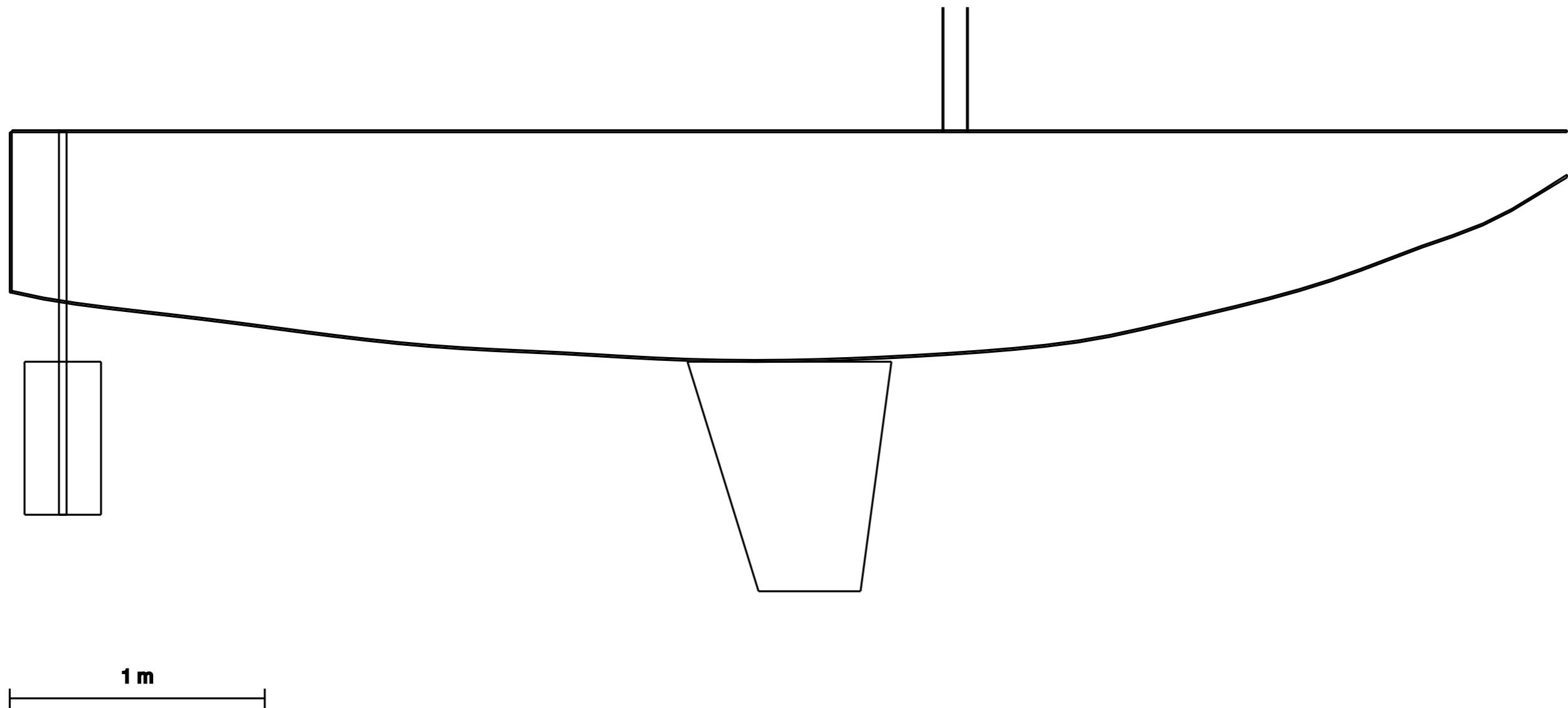


Figure 1: Profile—Centerline section ($X=0$)

Body Plan

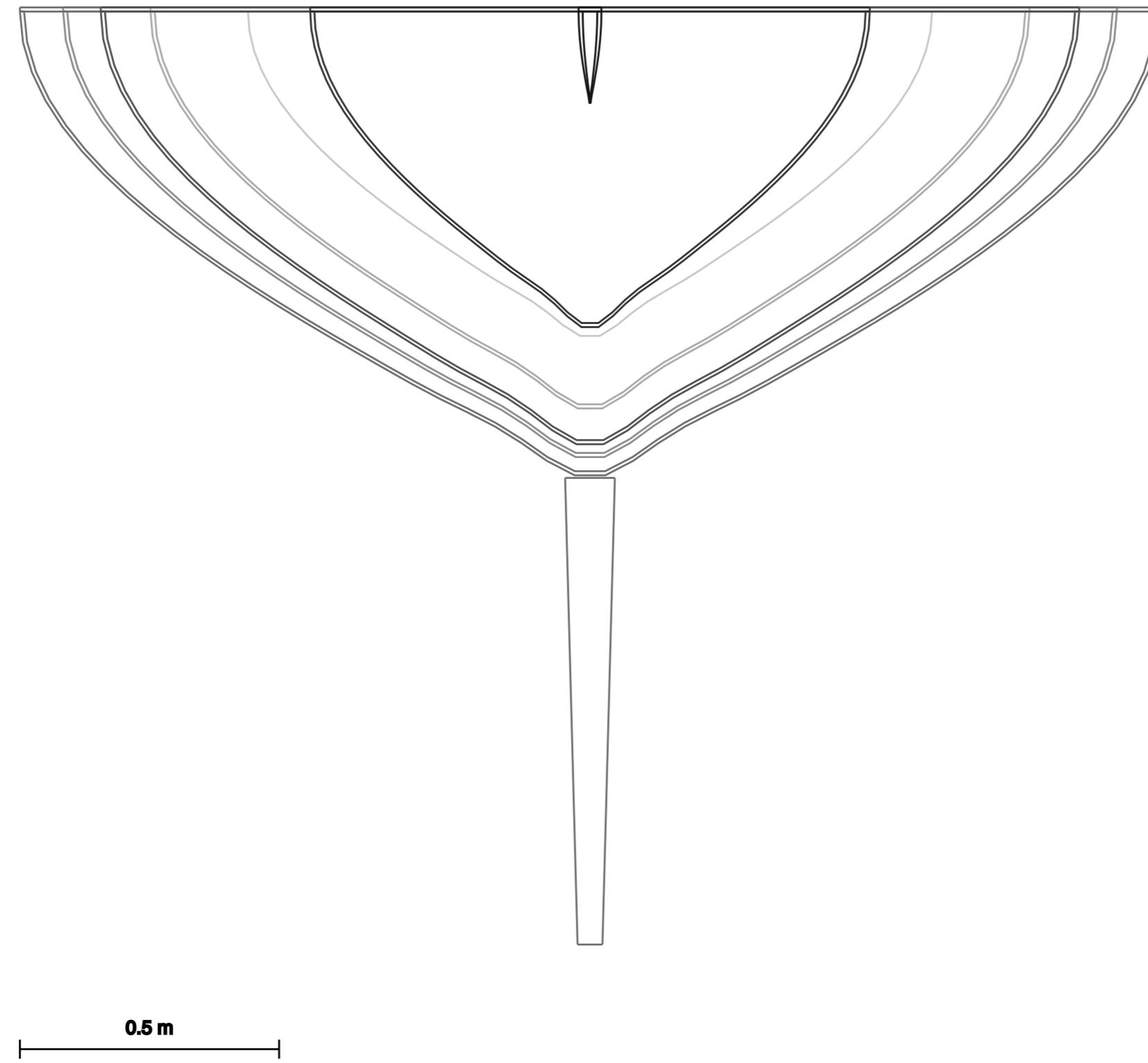


Figure 2: Combined body plan—All sections overlayed

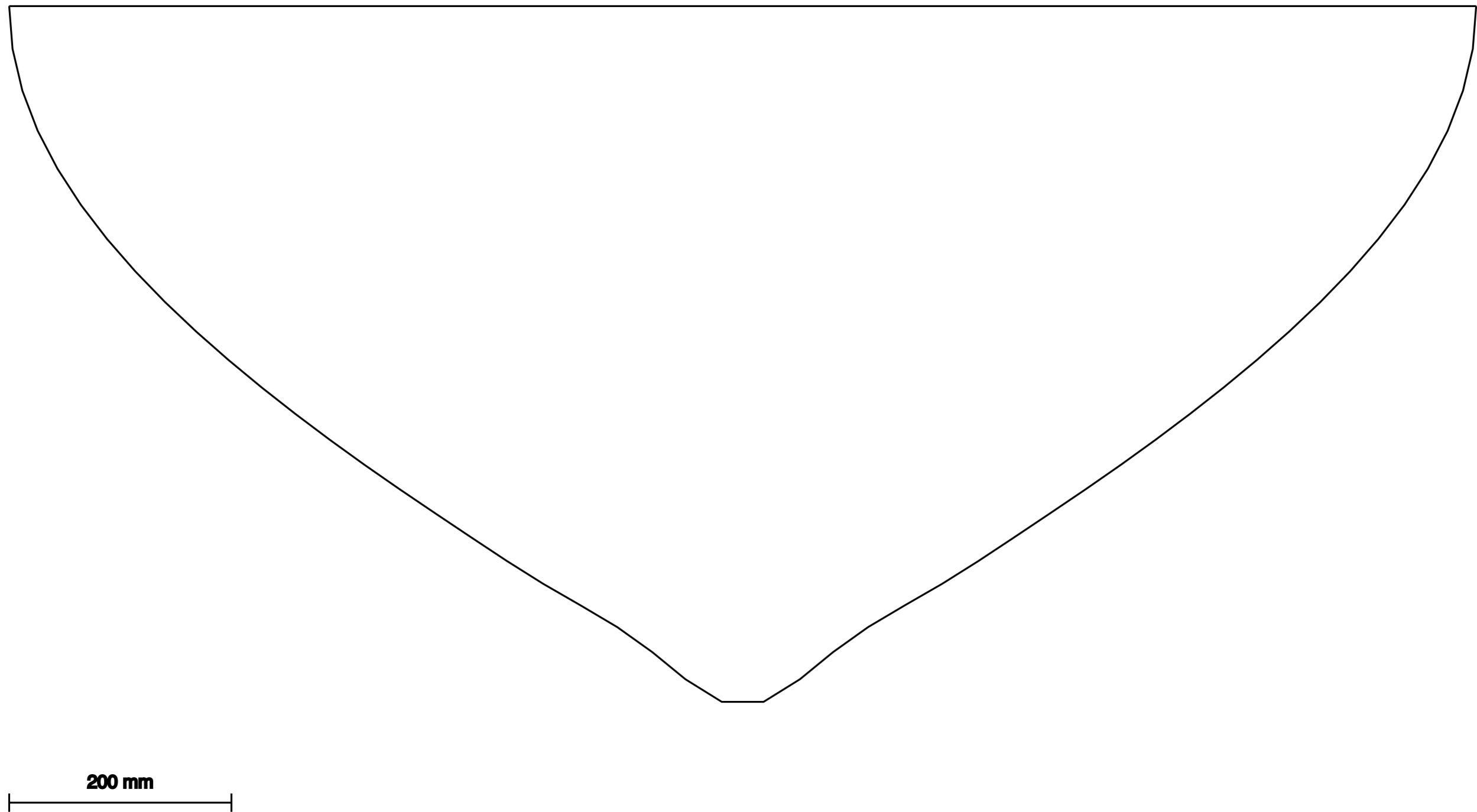


Figure 3: Body Plan—Section at stn_0 ($Y=-3050\text{mm}$)

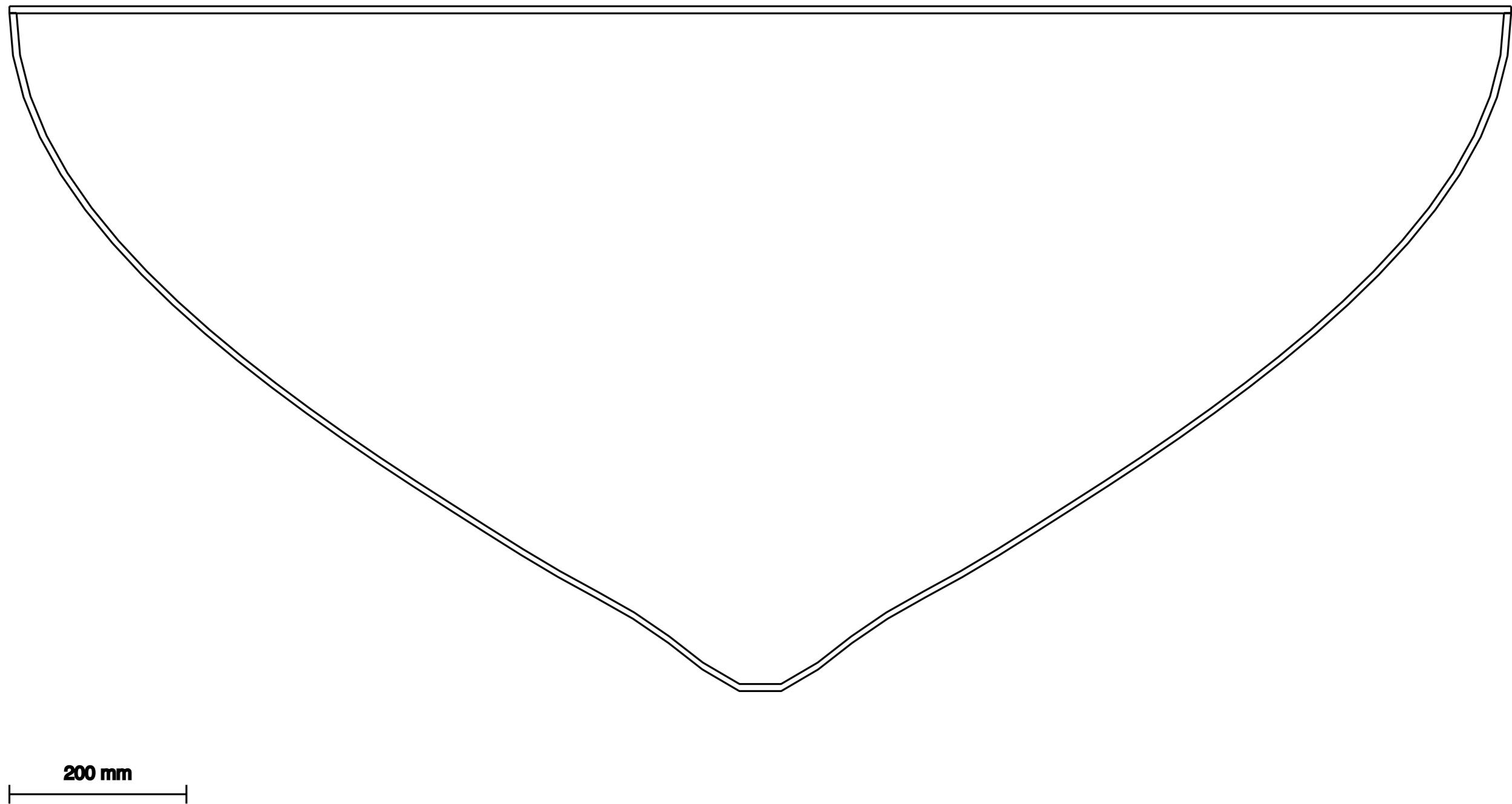


Figure 4: Body Plan—Section at stn_1 ($Y=-2033\text{mm}$)

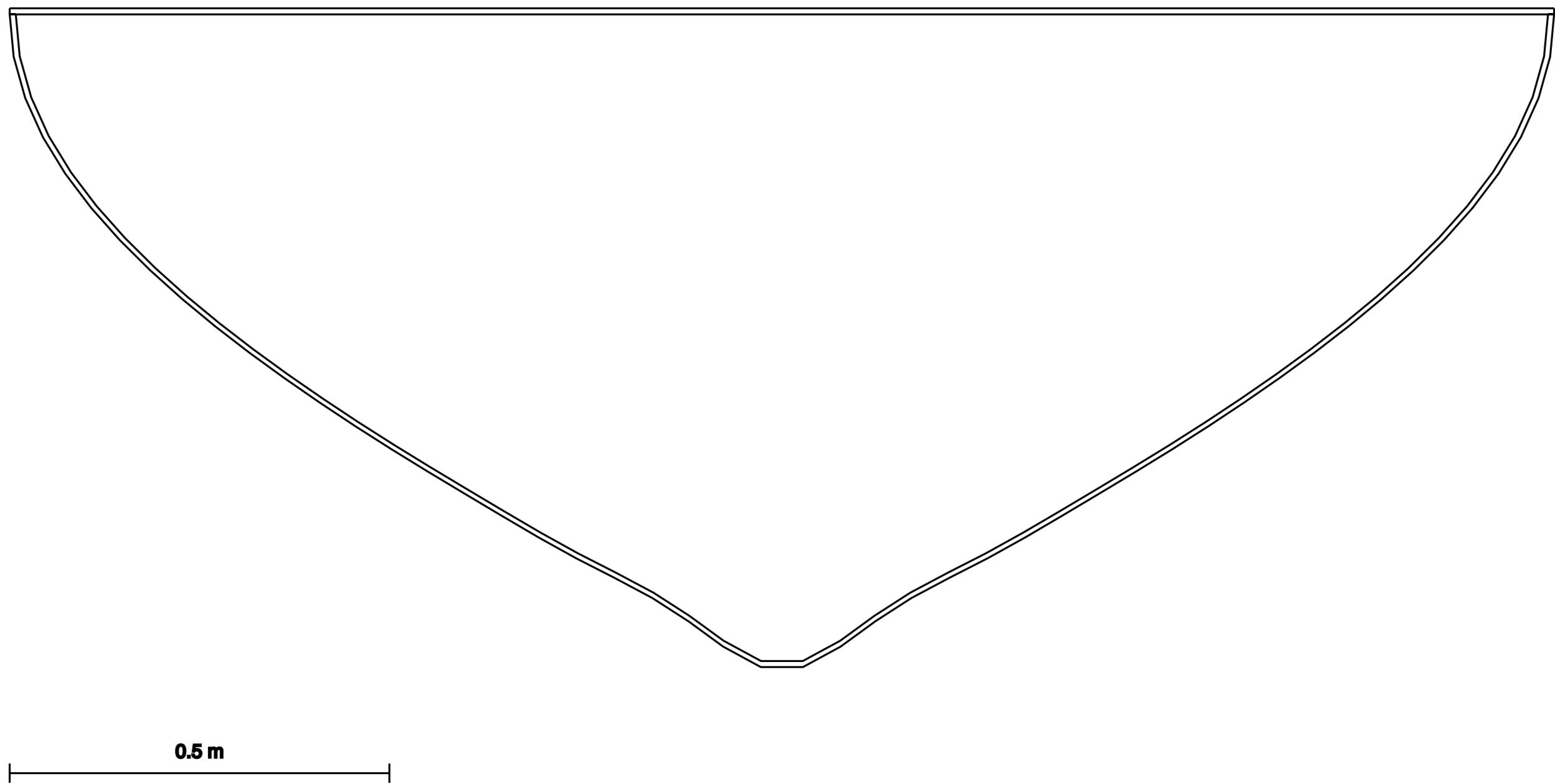


Figure 5: Body Plan—Section at stn_2 (Y=-1017mm)

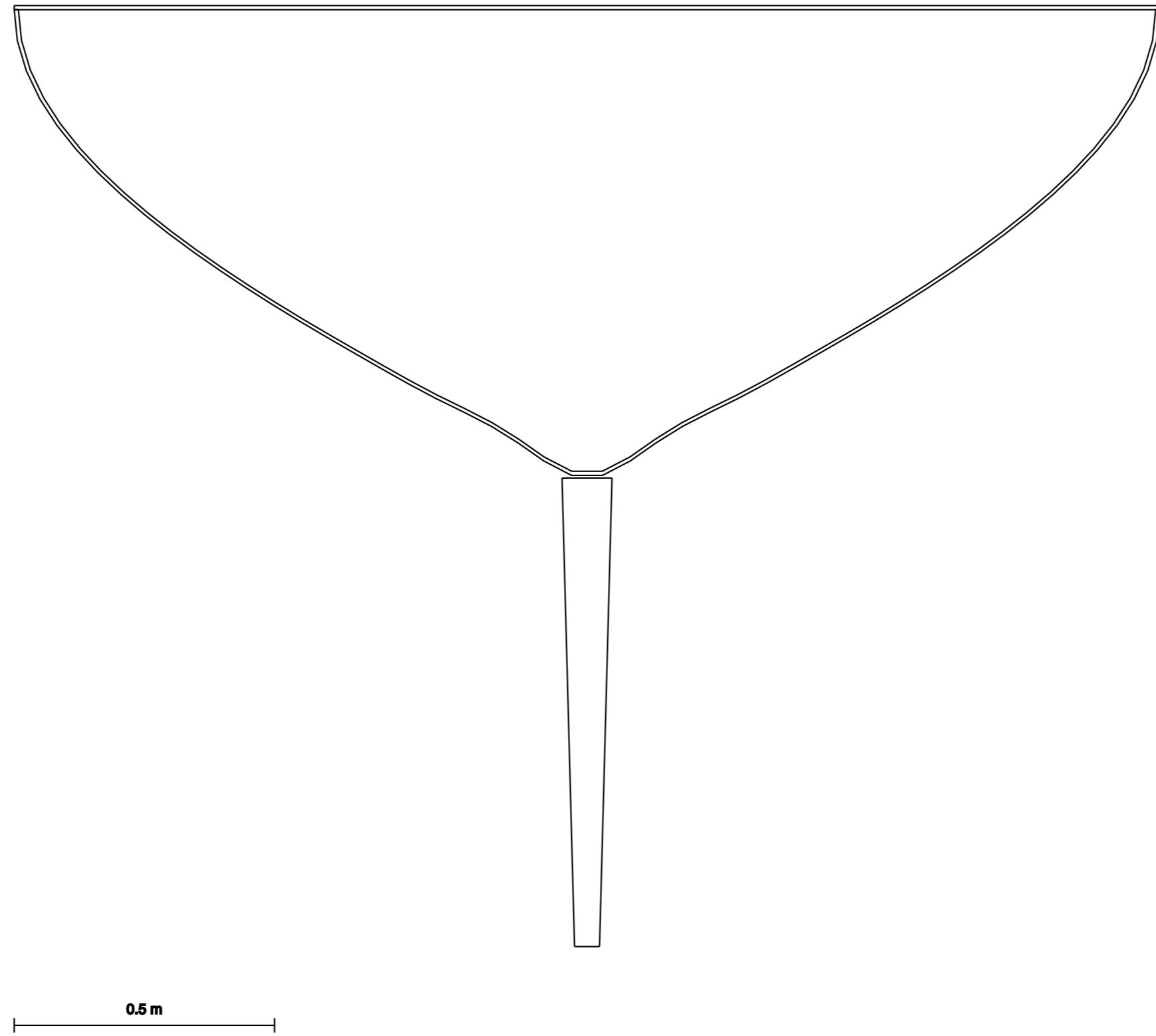


Figure 6: Body Plan—Section at stn_3 (Y=1mm)

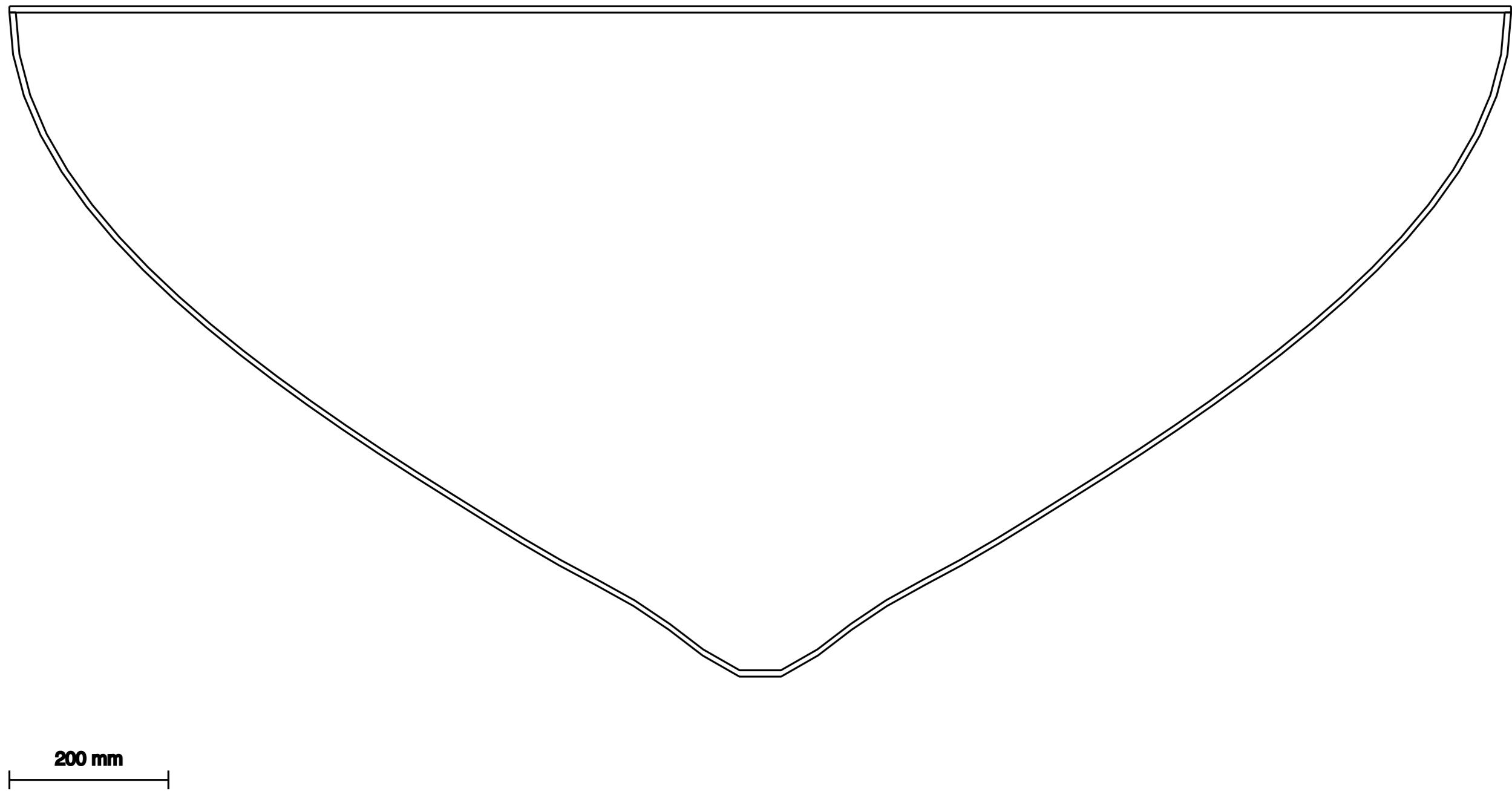


Figure 7: Body Plan—Section at stn_4 (Y=1017mm)

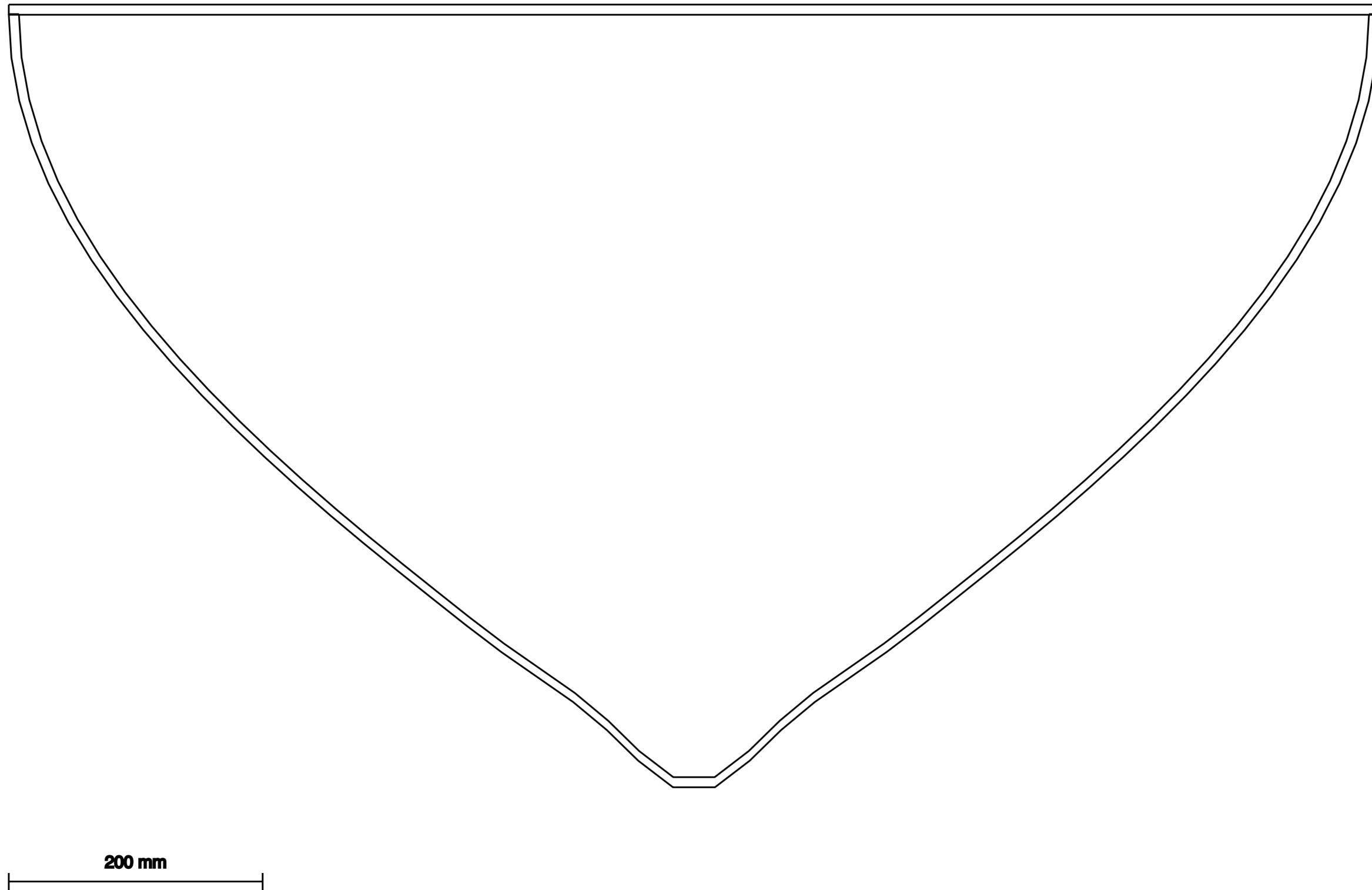


Figure 8: Body Plan—Section at stn_5 (Y=2033mm)

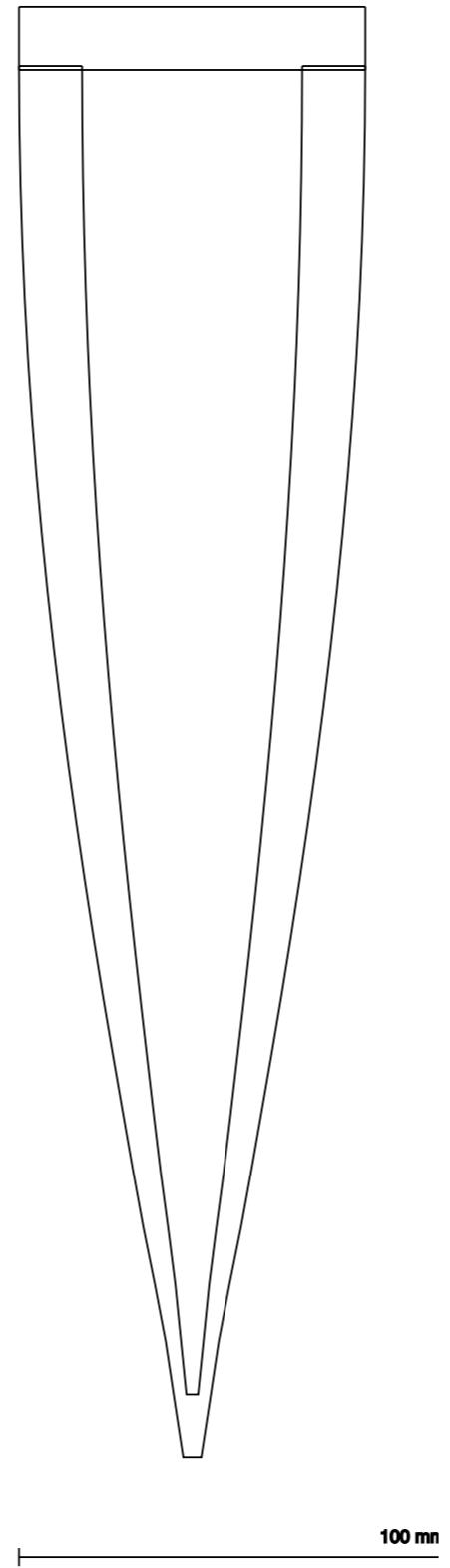


Figure 9: Body Plan—Section at stn_6 (Y=3050mm)

Full-Breadth Plan

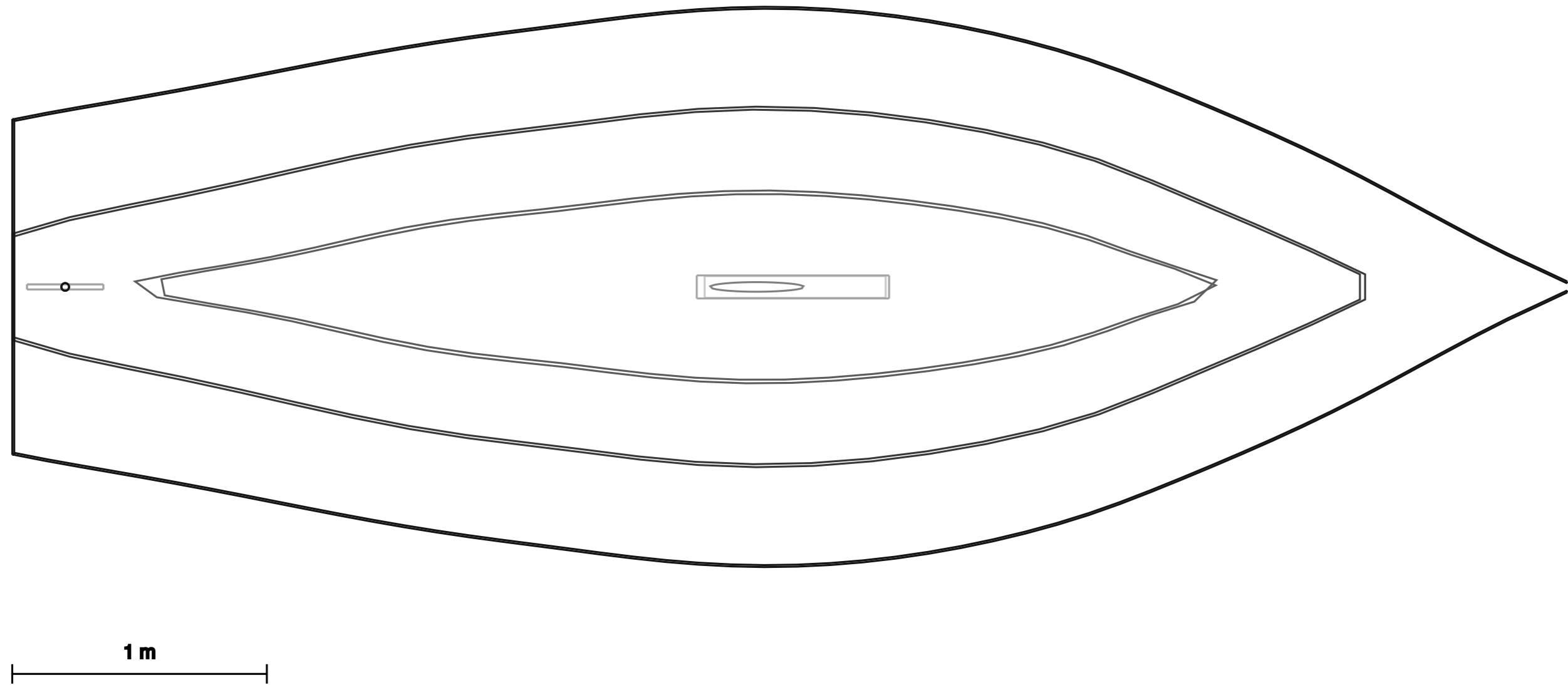


Figure 10: Combined full-breadth plan—All waterlines overlayed



Figure 11: Full-Breadth—Waterline wl_below_2 ($Z=-200\text{mm}$)

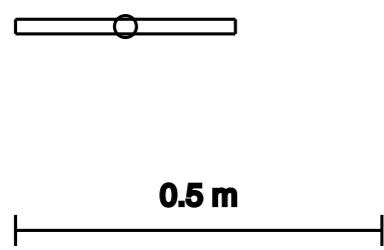


Figure 12: Full-Breadth—Waterline wl_below_1 ($Z=-100\text{mm}$)



Figure 13: Full-Breadth—Waterline waterline ($Z=1\text{mm}$)

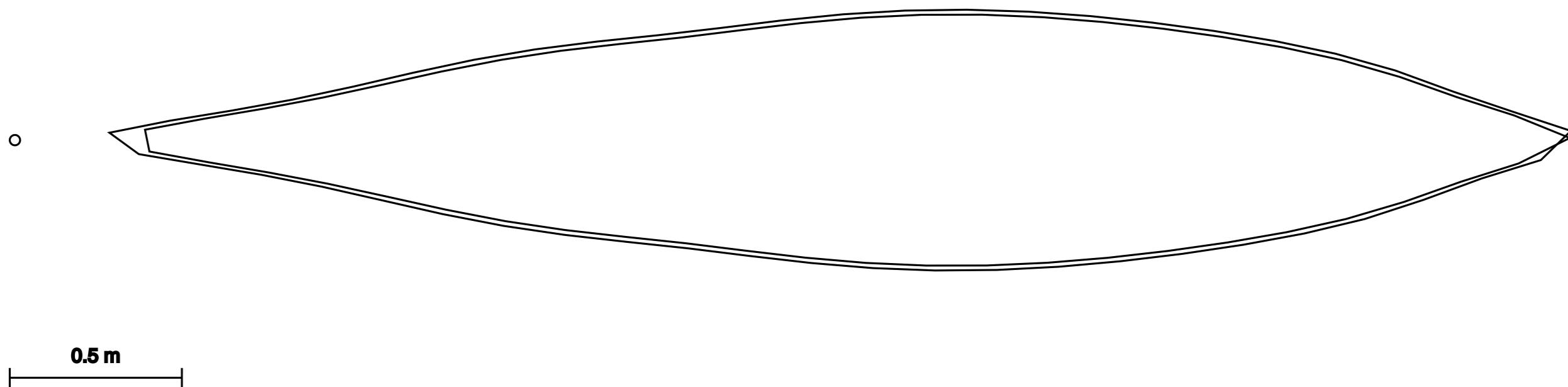


Figure 14: Full-Breadth—Waterline wl_above_1 ($Z=200\text{mm}$)

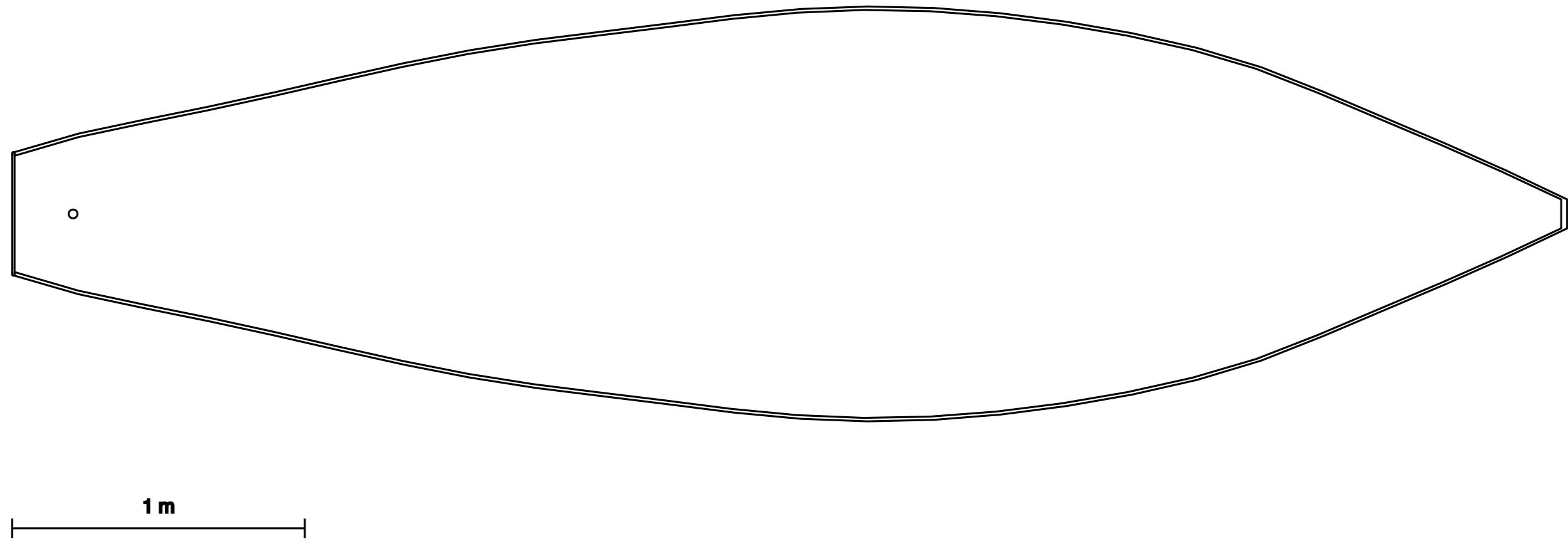


Figure 15: Full-Breadth—Waterline wl_above_2 ($Z=400\text{mm}$)

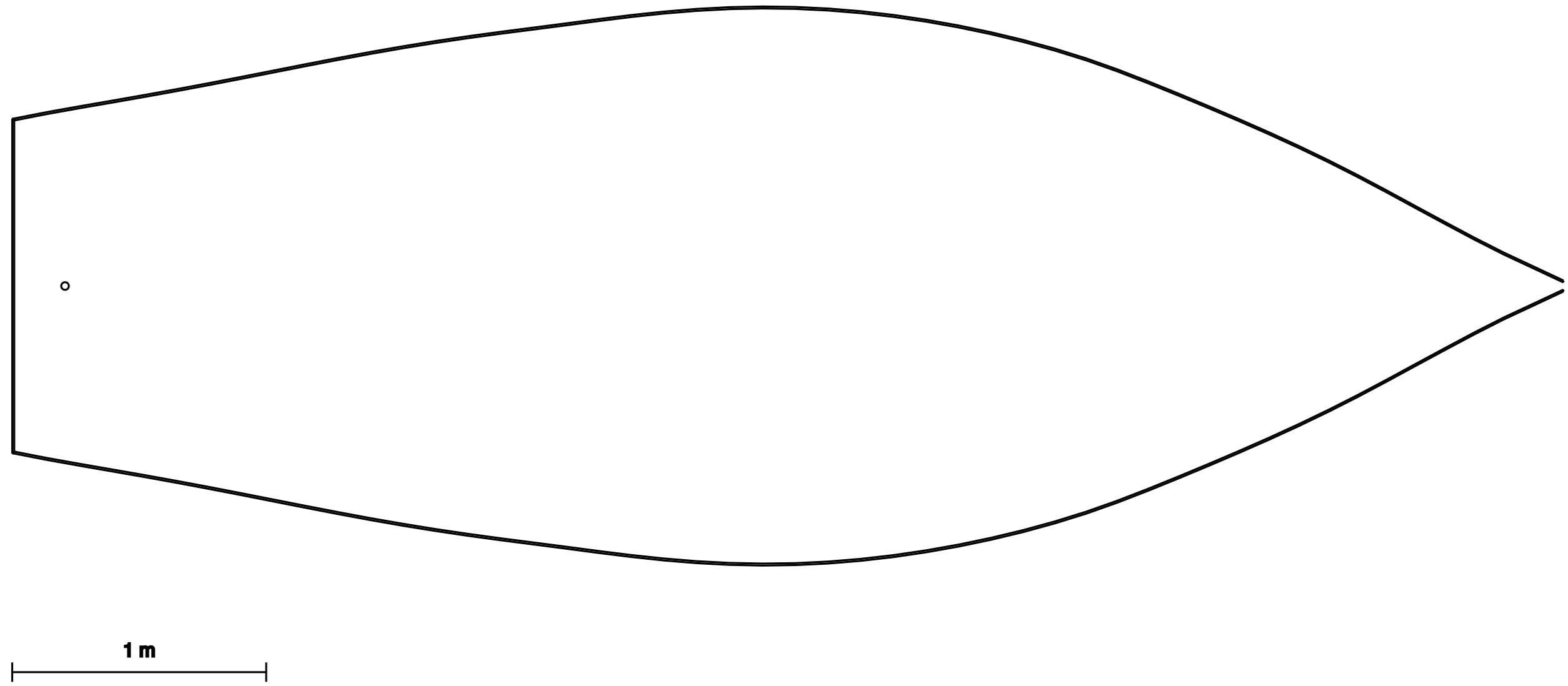


Figure 16: Full-Breadth—Waterline deck ($Z=898\text{mm}$)