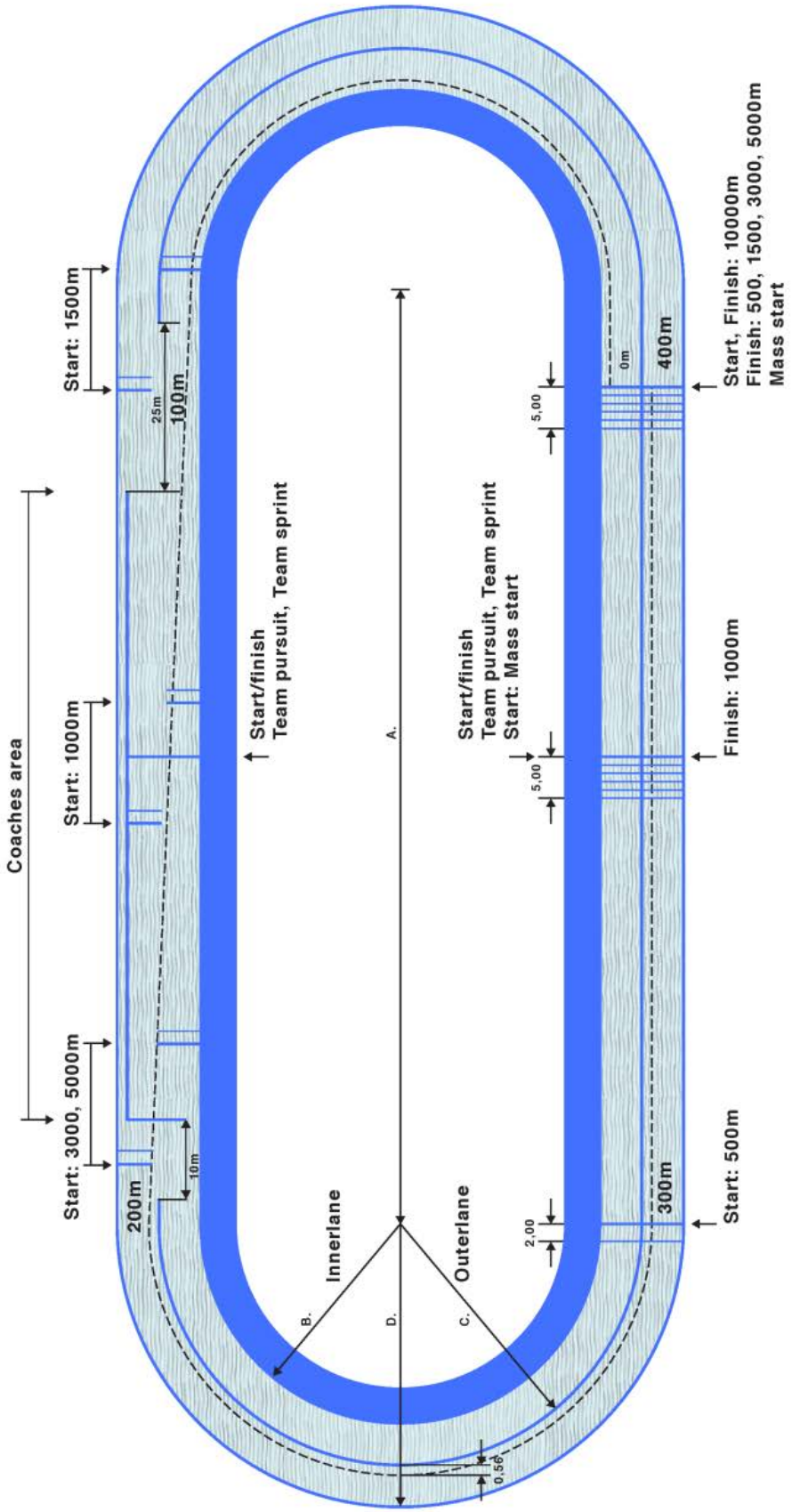
A. Track

Track measurements and partitioning of the standard speed skating track



Hentet fra ISU sitt regelverk:
https://www.isu.org/inside-short-track-speed-skating/short-track-skating-rules/regulations-rules-st/file

Example of standard speed skating tracks

1 = 2 x mean axis	= 2 x A	3 = Outer Curve	= C x π
2 = Inner Curve	= B x π	4 = Crossing =	
$\sqrt{A^2 + (\text{width of track})^2} - A$			

400 m Tracks

Radius inner curve		25 m
Width of each track		4 m
1 = 2 x 113.57	=	227.14 m
2 = 25.5 x 3.1416	=	80.11 m
3 = 29.5 x 3.1416	=	92.68 m
4 = $\sqrt{113.57^2 + 4^2} - 113.57$	=	0.07 m
		400.0 m

Radius inner curve		25.5 m
Width of each track		4 m
1 = 2 x 112.00	=	224.00 m
2 = 26 x 3.1416	=	81.68 m
3 = 30 x 3.1416	=	94.25 m
4 = $\sqrt{112^2 + 4^2} - 112$	=	0.07 m
		400.0 m

Radius inner curve		26 m
Width of each track		4 m
1 = 2 x 110.43	=	220.86 m
2 = 26.5 x 3.1416	=	83.25 m
3 = 30.5 x 3.1416	=	95.82 m
4 = $\sqrt{110.43^2 + 4^2} - 110.43$	=	0.07 m
		400.0 m

333 1/3 m Tracks

Radius inner curve		26 m
Width of each track		4 m
1 = 2 x 77.08	=	154.16 m
2 = 26.5 x 3.1416	=	83.25 m
3 = 30.5 x 3.1416	=	95.82 m
4 = $\sqrt{77.08^2 + 4^2} - 77.08$	=	0.10 m
		333.33 m

Radius inner curve		25 m
Width of each track		4 m
1 = 2 x 80.22	=	160.44 m
2 = 25.5 x 3.1416	=	80.11 m
3 = 29.5 x 3.1416	=	92.68 m
4 = $\sqrt{80.22^2 + 4^2} - 80.22$	=	0.10 m
		333.33 m