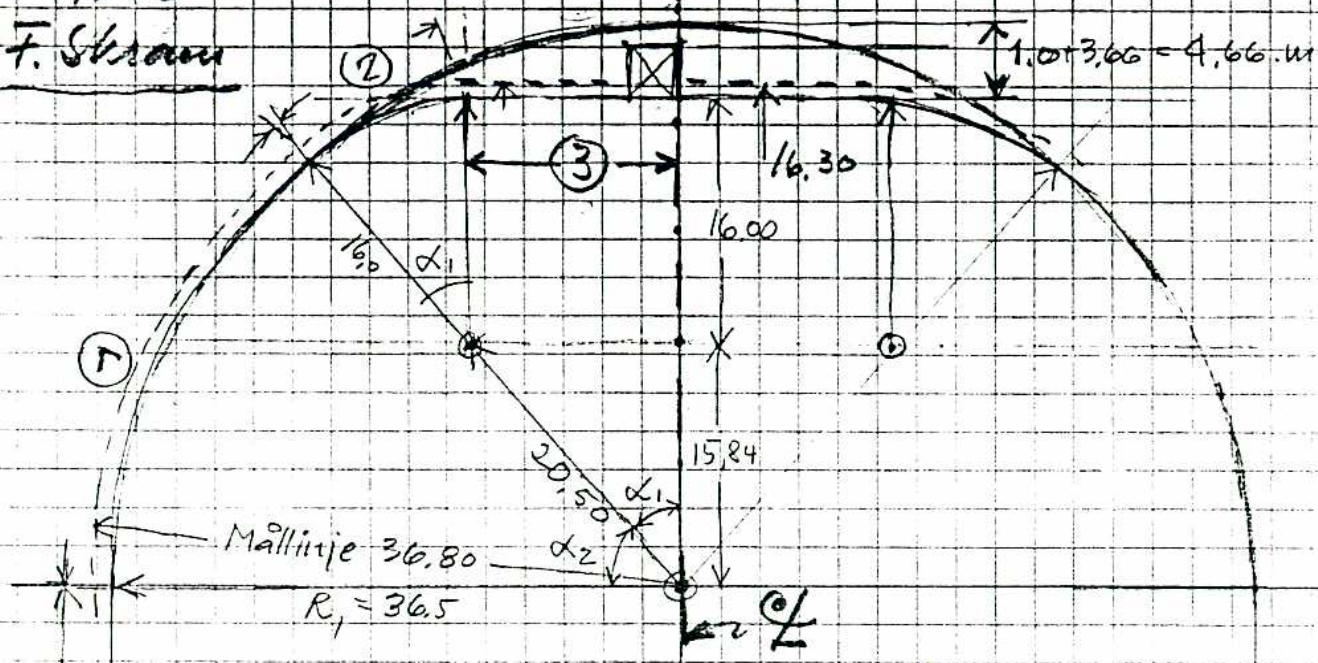


24/1-88

F. Skram

1.



$$\cos \alpha_1 = \frac{15.84}{20.50} = 0.77268$$

$$\alpha_1 = 39.4046^\circ$$

$$\alpha_2 = 50.5954^\circ \quad \left. \vphantom{\alpha_1} \right\} 90.00^\circ$$

$$\sin \alpha_1 = 0.63479$$

Buelengde (1): $\frac{50.5954}{180} \cdot 36.80 \cdot \pi = 32.497 \text{ m}$

→ " (2): $\frac{39.4046}{180} \cdot 16.30 \cdot \pi = 11.2102 \text{ "}$

Rettlinje (3): $20.50 \cdot \sin \alpha_1 = 13.0132 \text{ "}$

56.7204 m

Hele svinger: $2 \cdot 56.7204 = 113.4408 \text{ m}$

Generelt: (Tilfeldig "R")

$$(1) : \frac{\alpha_2}{180} \cdot (R + 0.3) \cdot \pi$$

$$(2) : \frac{\alpha_1}{180} \cdot (16 + 0.3) \cdot \pi$$

$$(3) : (R - 16) \cdot \sin \alpha_1$$

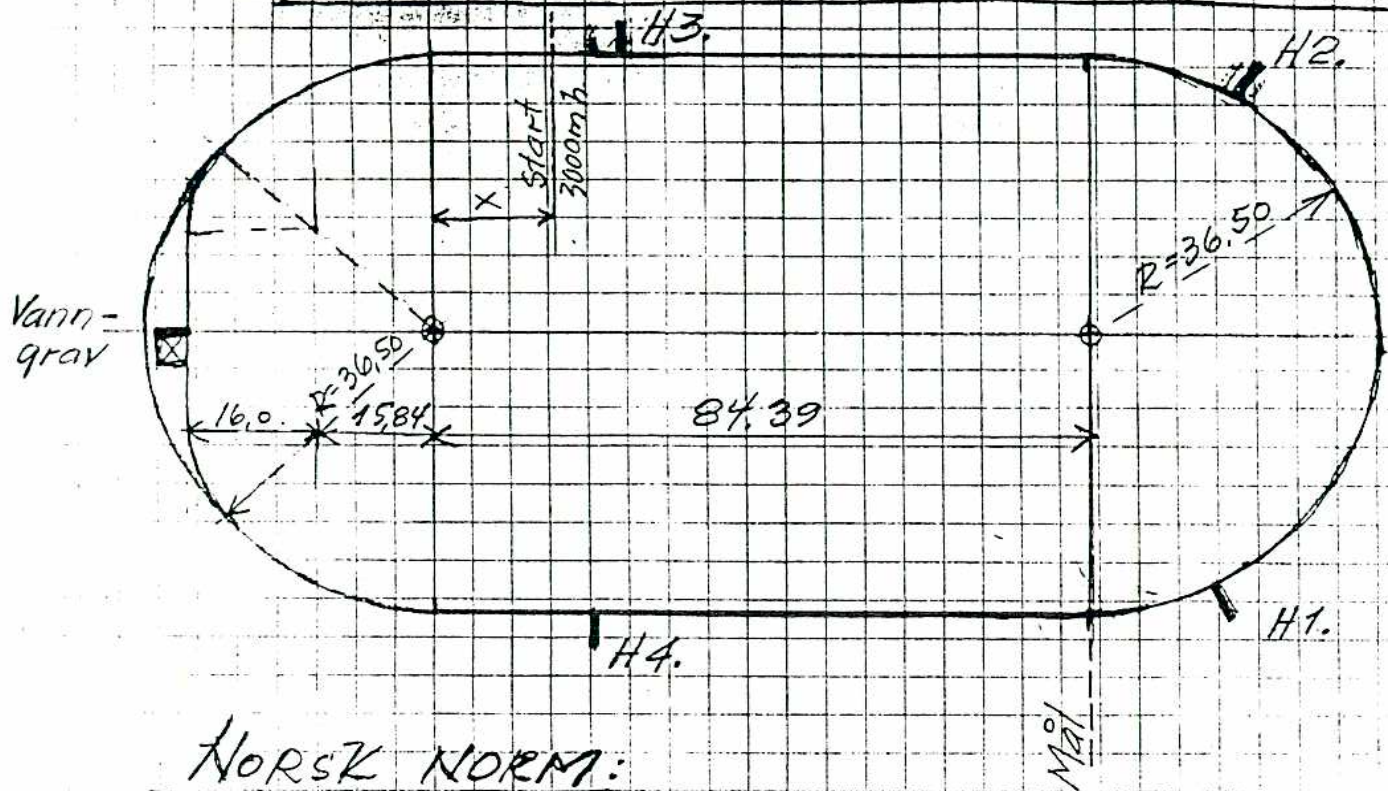
R = Banens Radius (tilsatt)

Hele svinger uten vanngrav: $(\pi \cdot R + 0.3) = \pi \cdot 36.80 = 115.61 \text{ m/vanngrav}$

EN HINDERRUNDE: $400 : 2.17 = 397.83$ DIFF. 113.44
2.170

2.

FORSLAG NORSK NORM
HINDERBANEN - HINDERPLASSERING



NORSK NORM:

En hinder kunde:

Startstrek: $x = 7 \cdot 2.17 =$

397.83 m

15.19 m

Avst. " Mål til H1.	(18.02m)	16.72 m
" " H1. til H2.	(97.59)	80.00 " 96.72
" " H2. " H3.	(-22.85)	80.00 " -23.28
" " H3 " Vanngrav		80.00 "
" " Vanngrav til H4.		78.00 "
" " H4. til Mål	(61.54)	63.11 "
		397.83 m.

(Avst. H4 til H1: $16.72 + 63.11 = 79.83$ m)

24/1.88 F. Skram