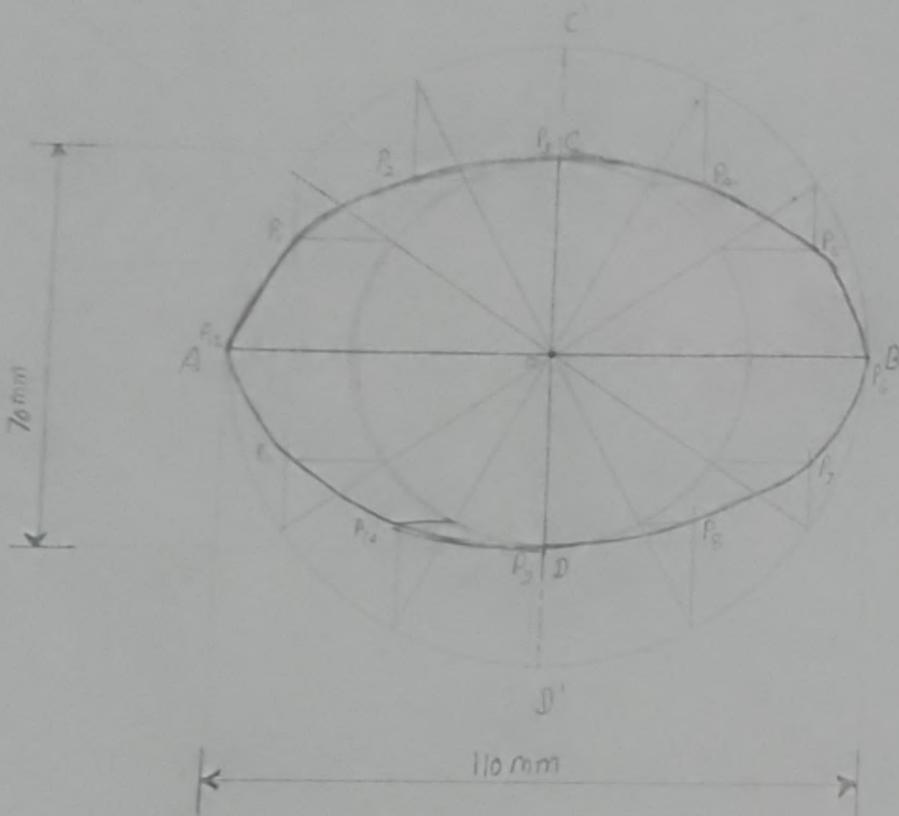
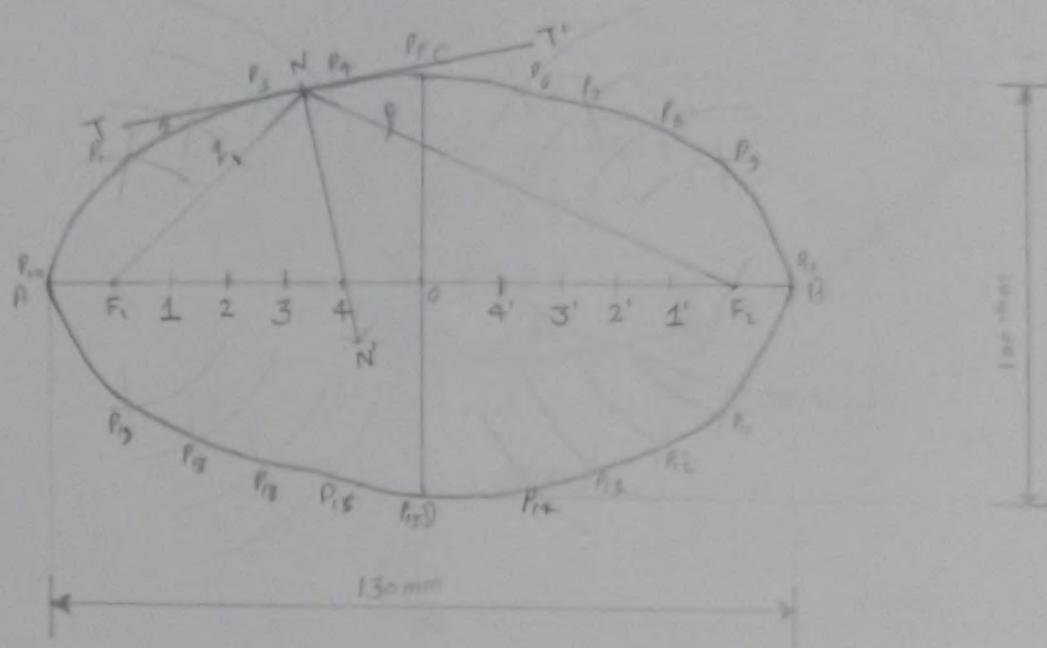


6
Conic Section
Ellipse
Concentric circle method



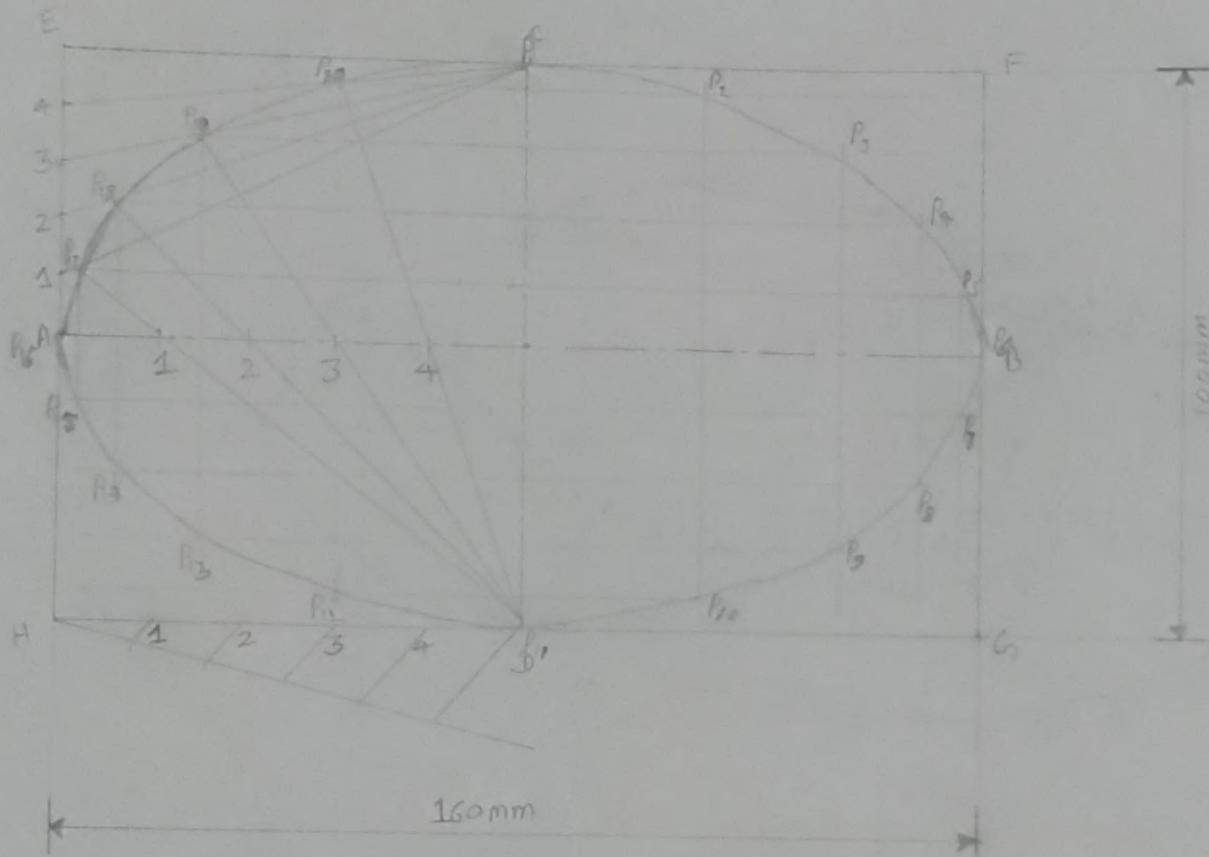
Arc of Circle

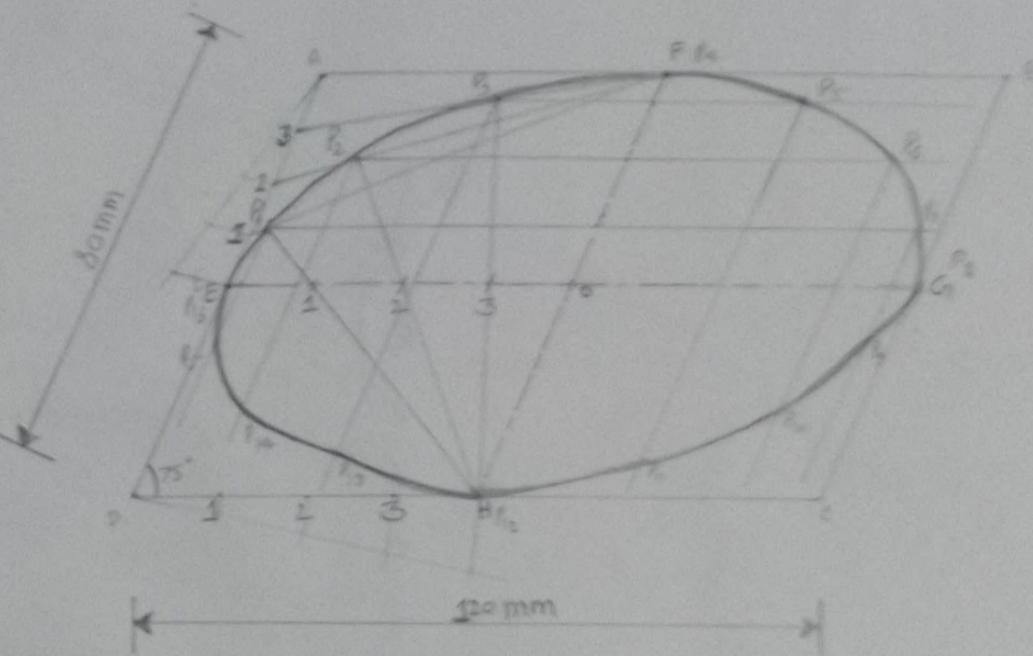
⑦



③

(oblong) Rectangular method



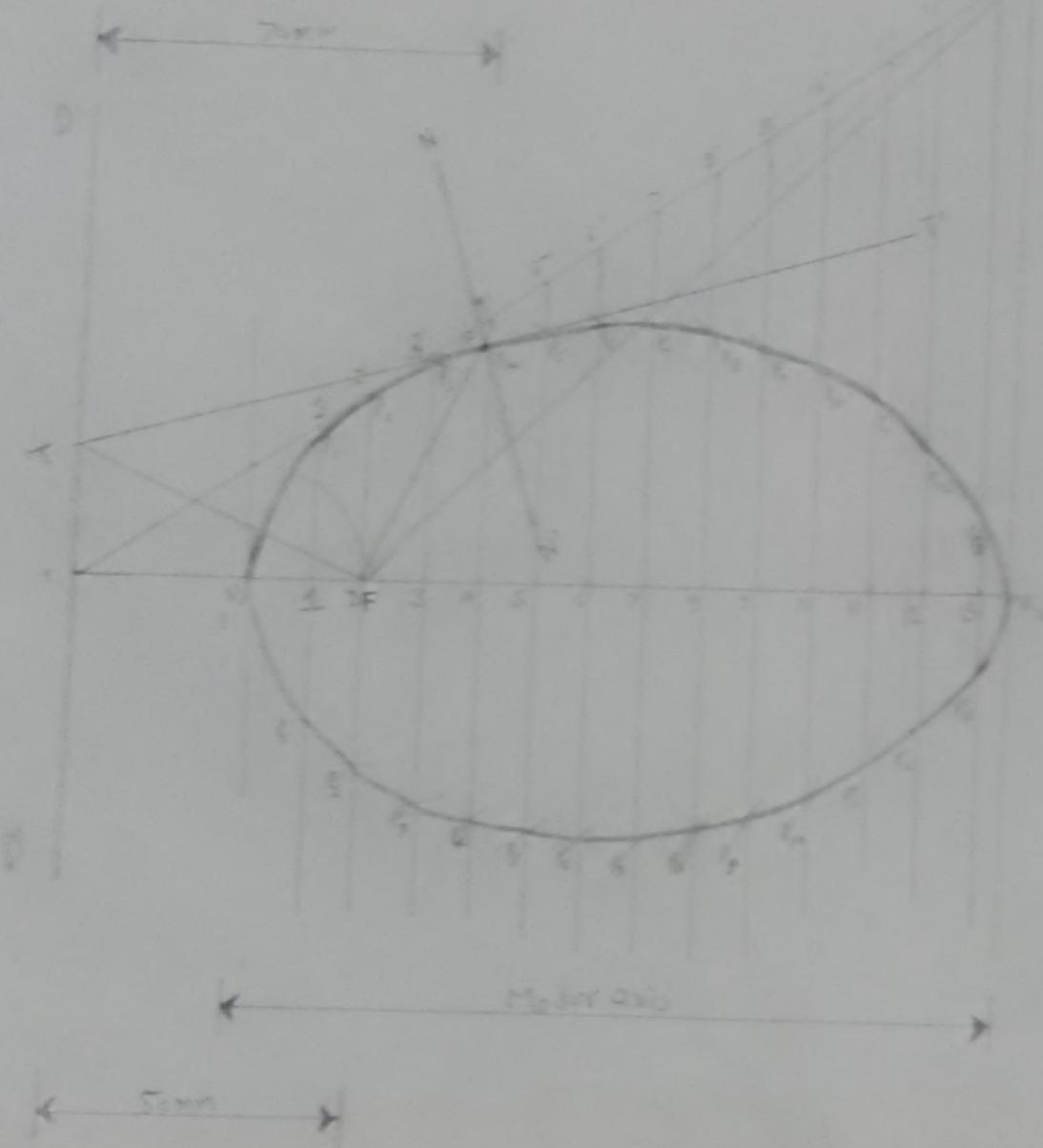


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Directrix (General) Method

$$C = \frac{2 \times 10}{\pi \times 10} = \frac{20}{\pi} \approx \frac{20}{3.14} \approx 6.36$$

Engineering Drawing



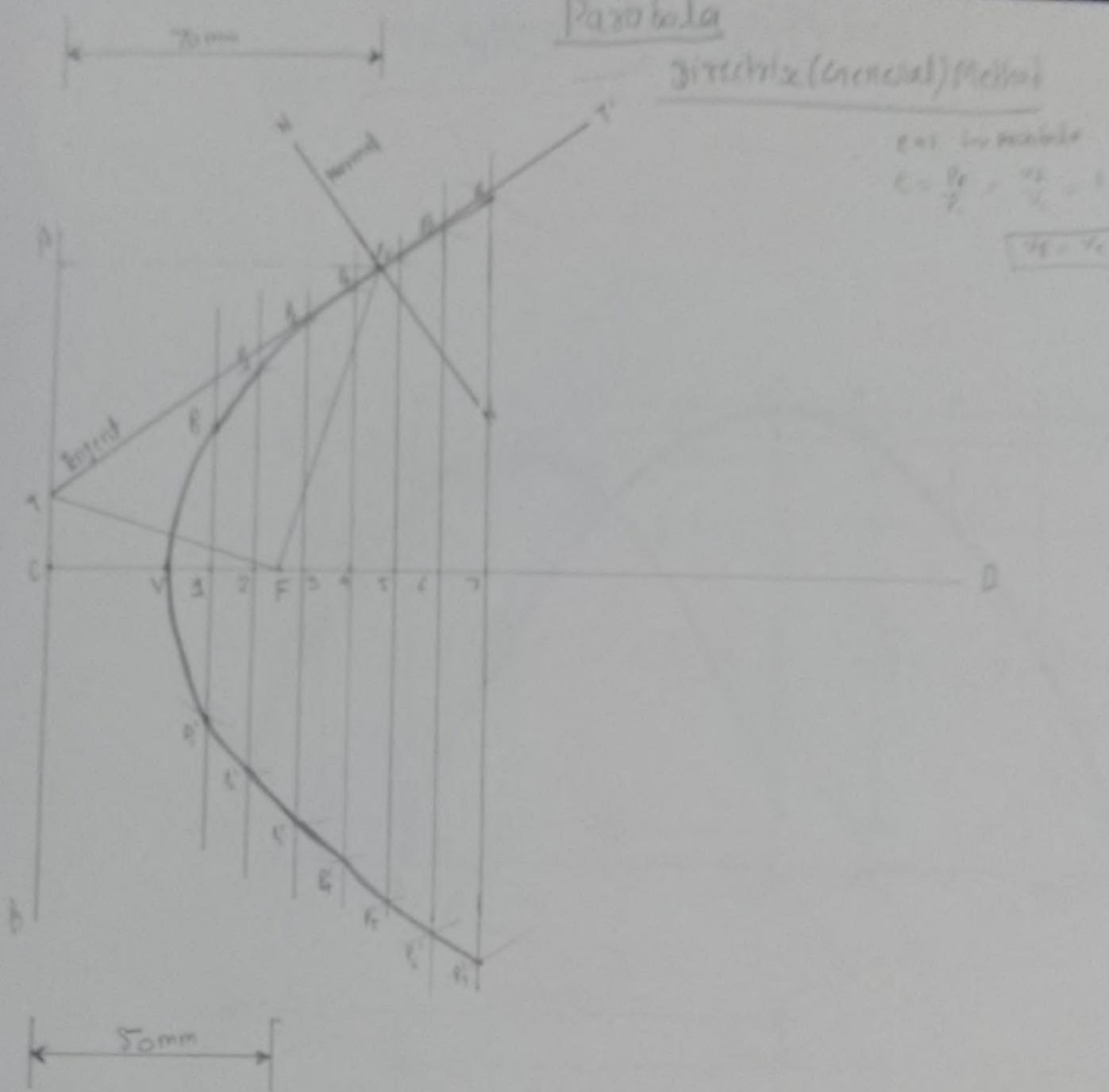
Parabola

Geometrische (konstruktive) Methoden

Extremwerte

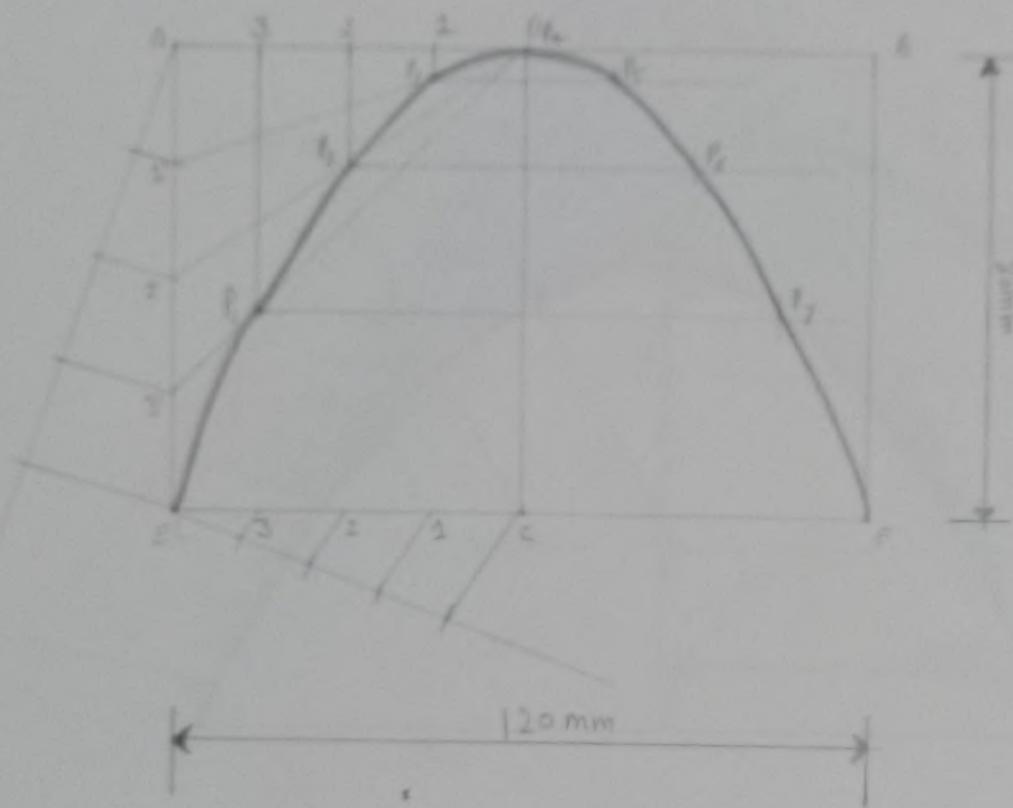
$$C = \frac{P_1}{Z} = \frac{a_1}{b_1} = 1$$

$$M_1 = D_1$$



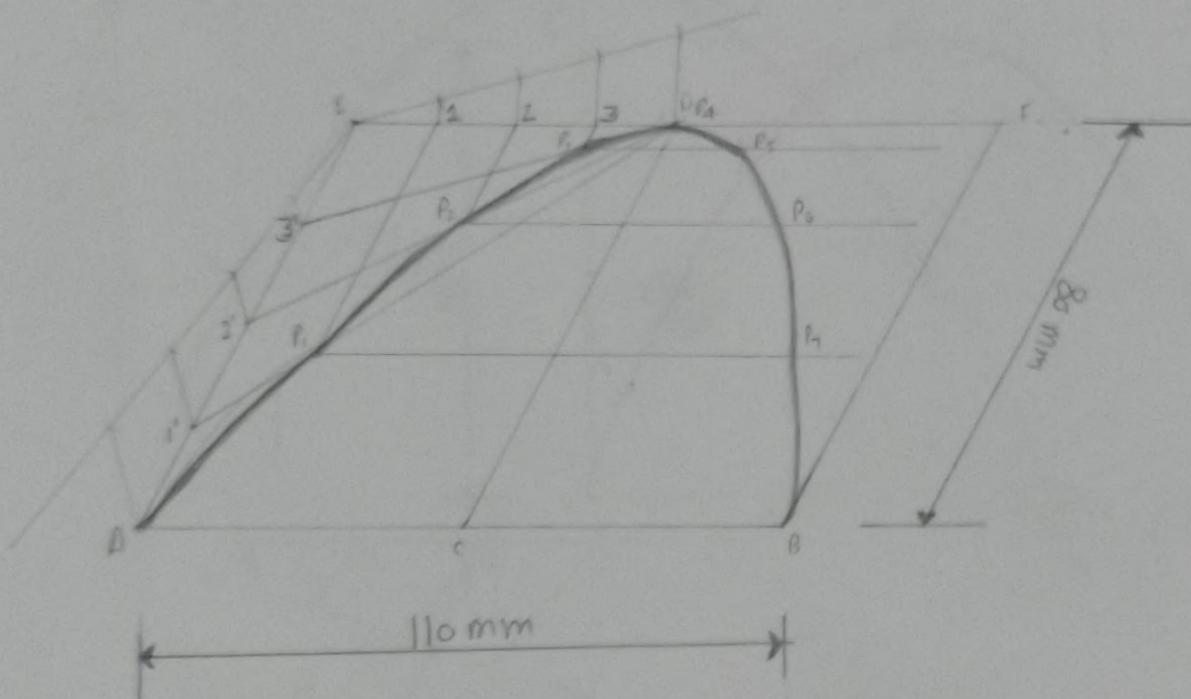
Offset Method

Rectangular (ohlong) Method



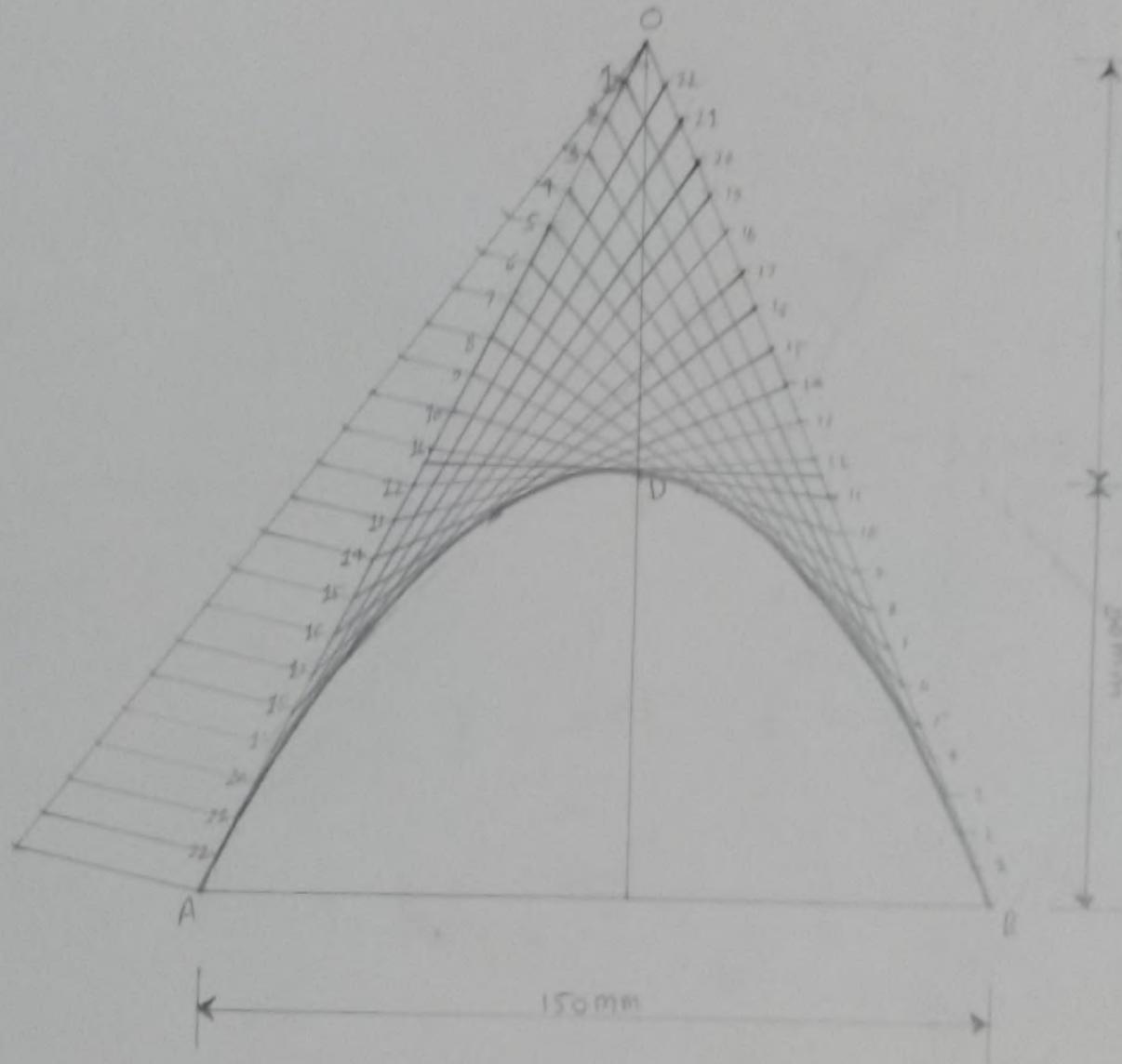
14

Parallelogram (Oblong) Method

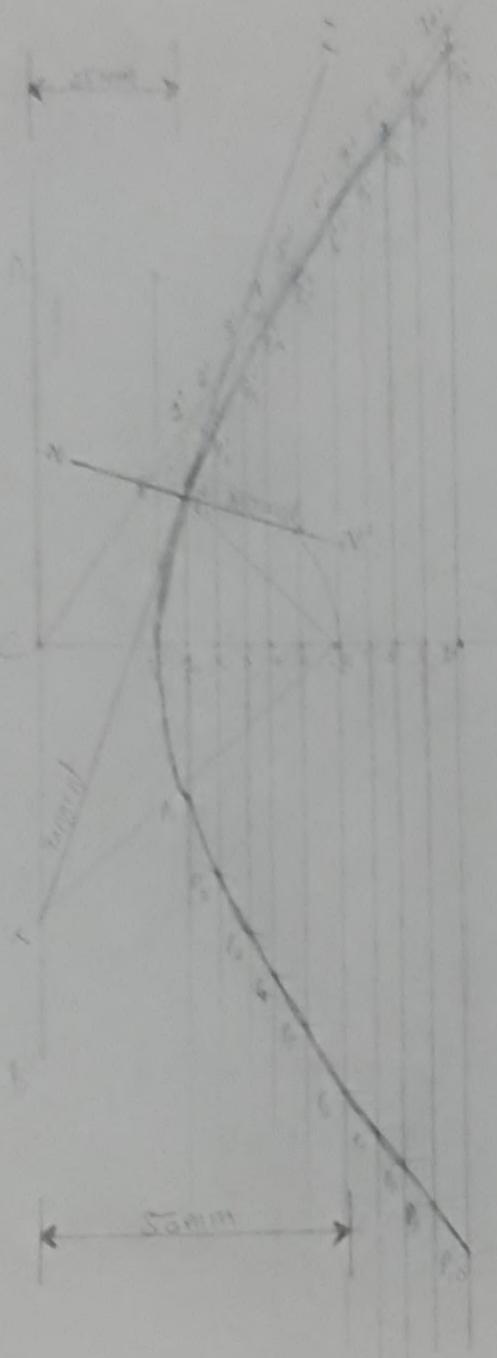


(15)

Tangent Method

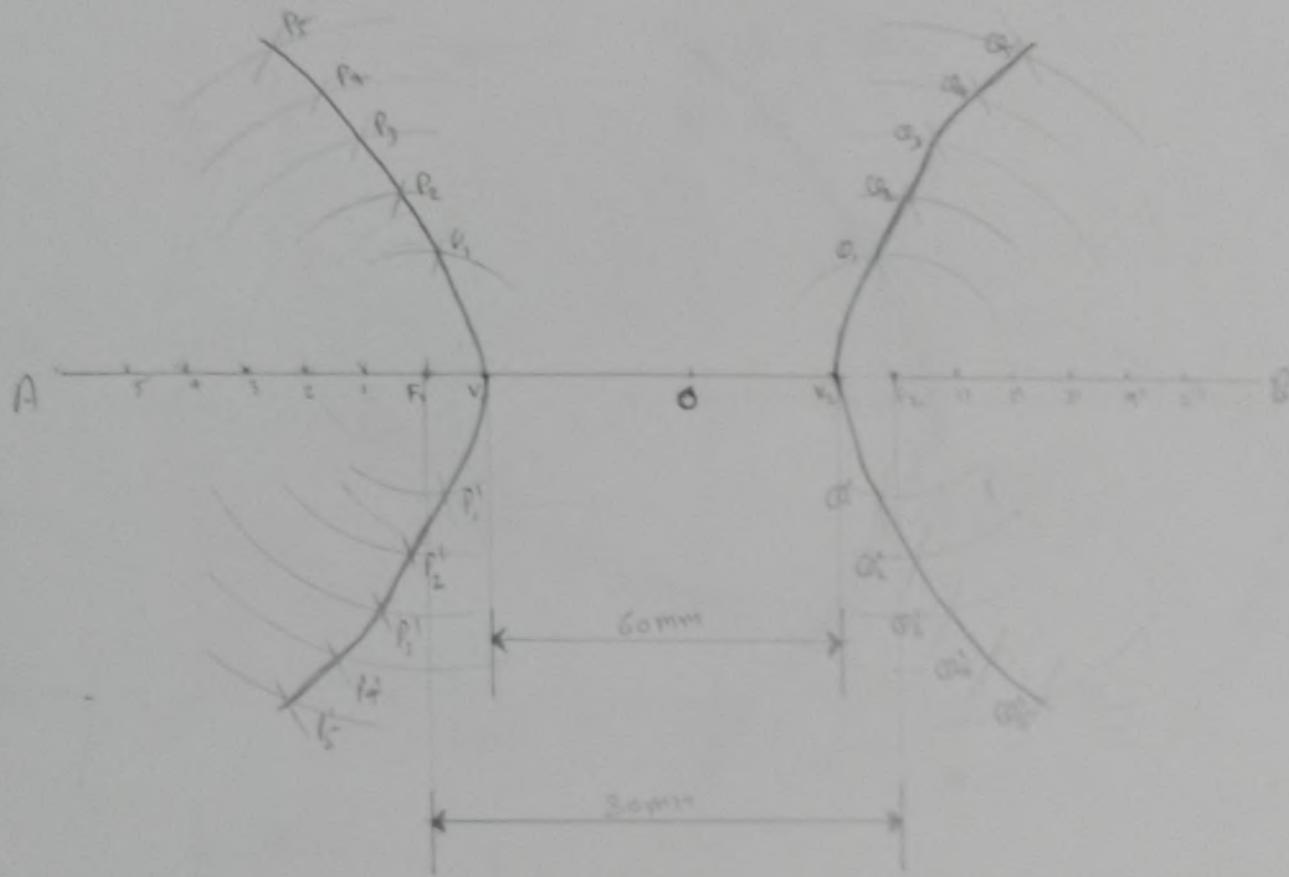


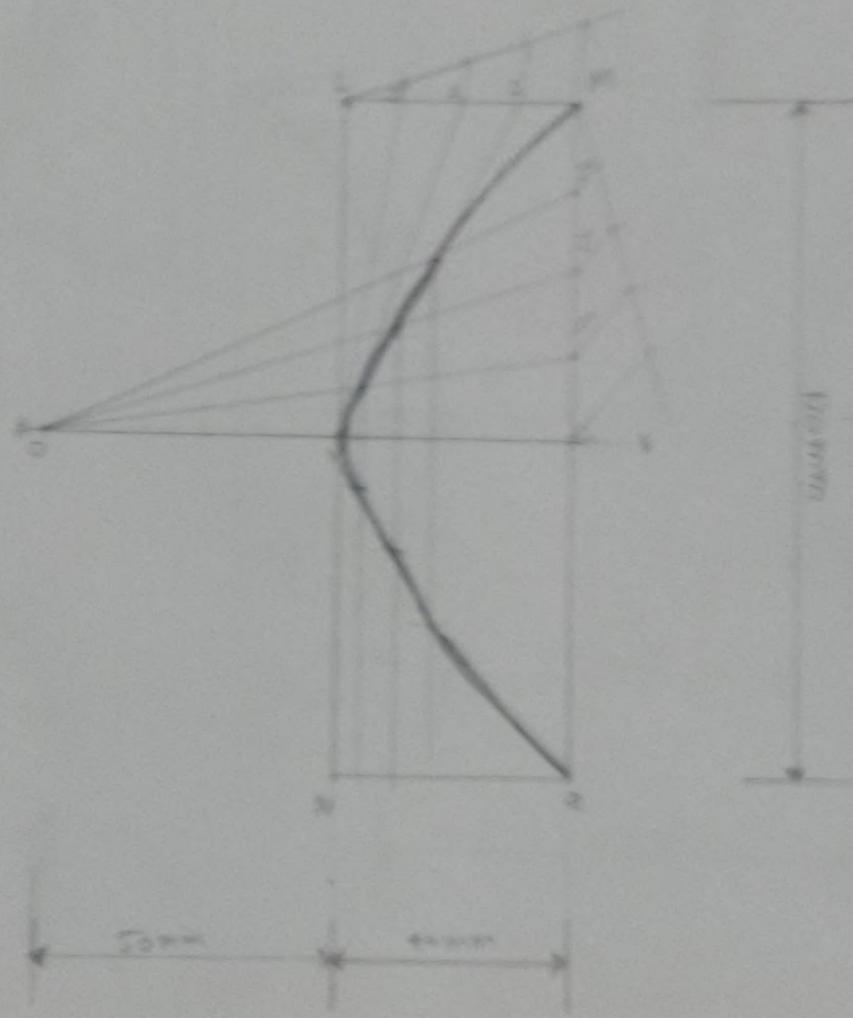
Hyperbola
(Concentric Ellipse) Method



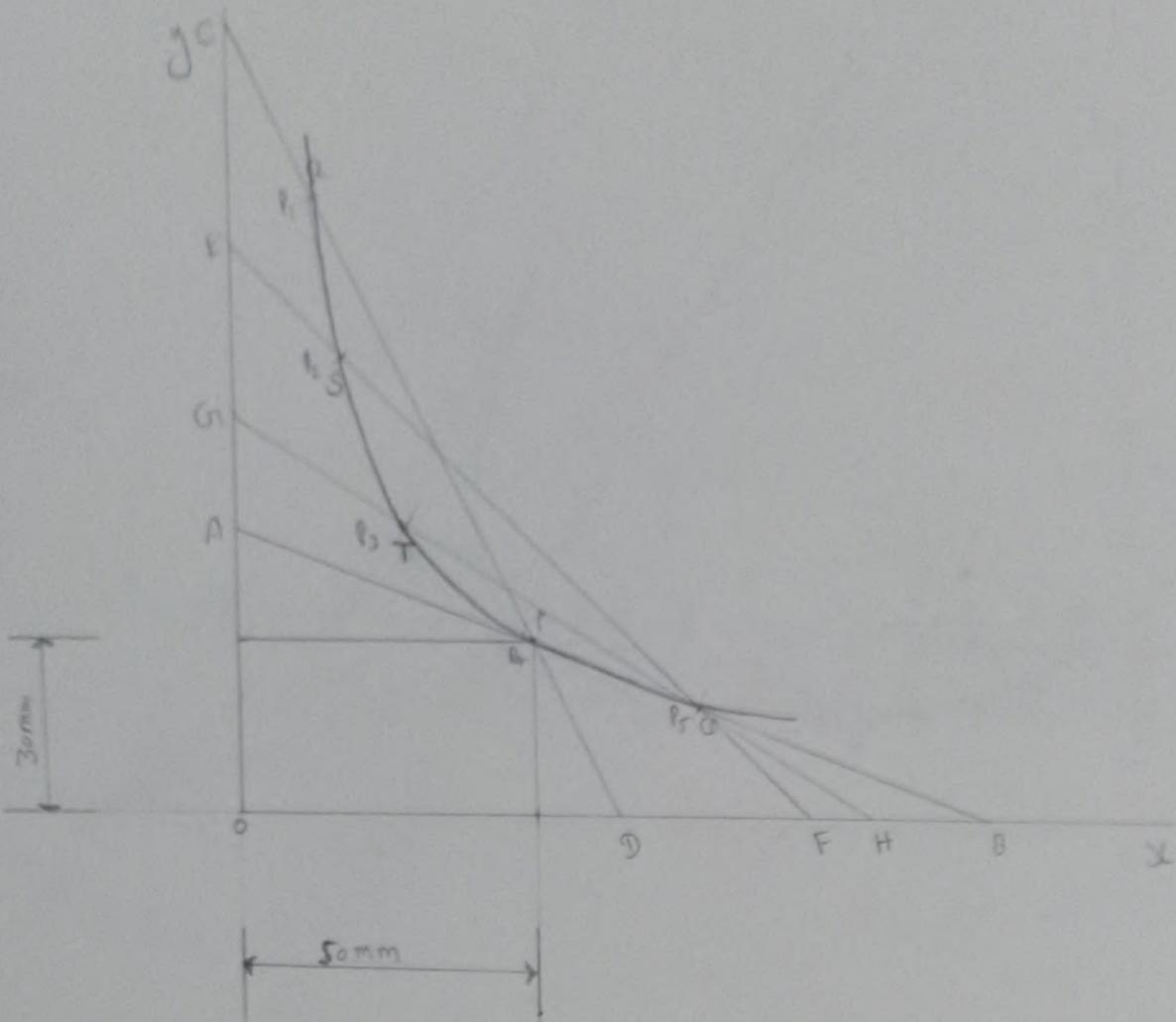
(17)

Intersecting Arc Method

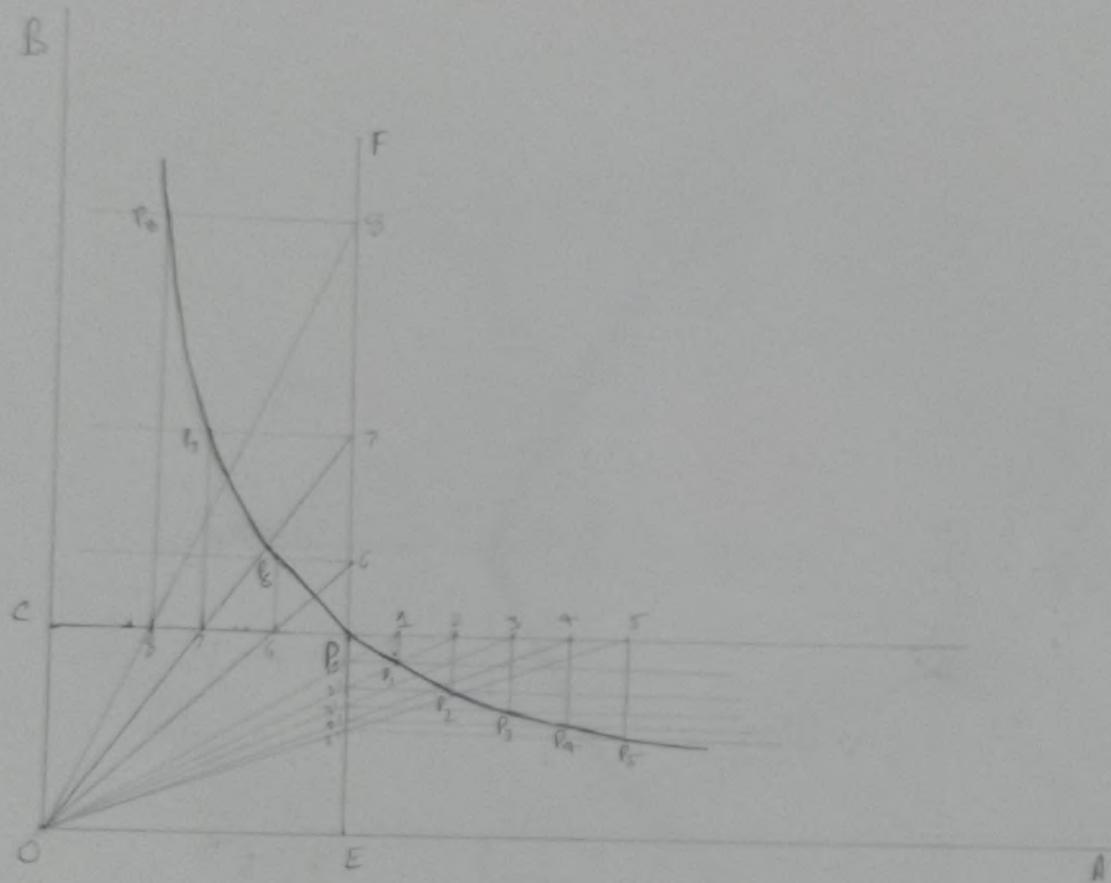




Intercept Method

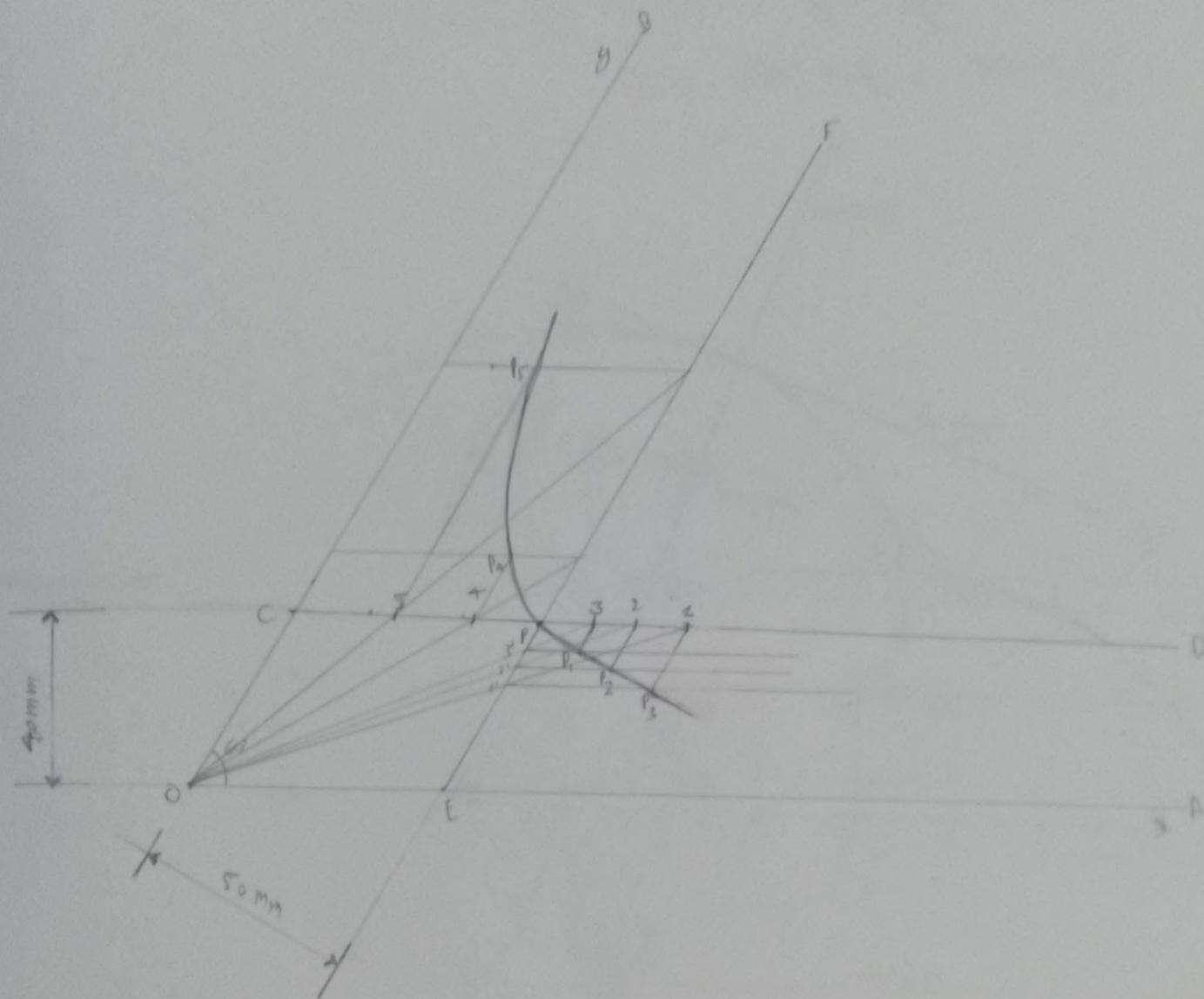


20

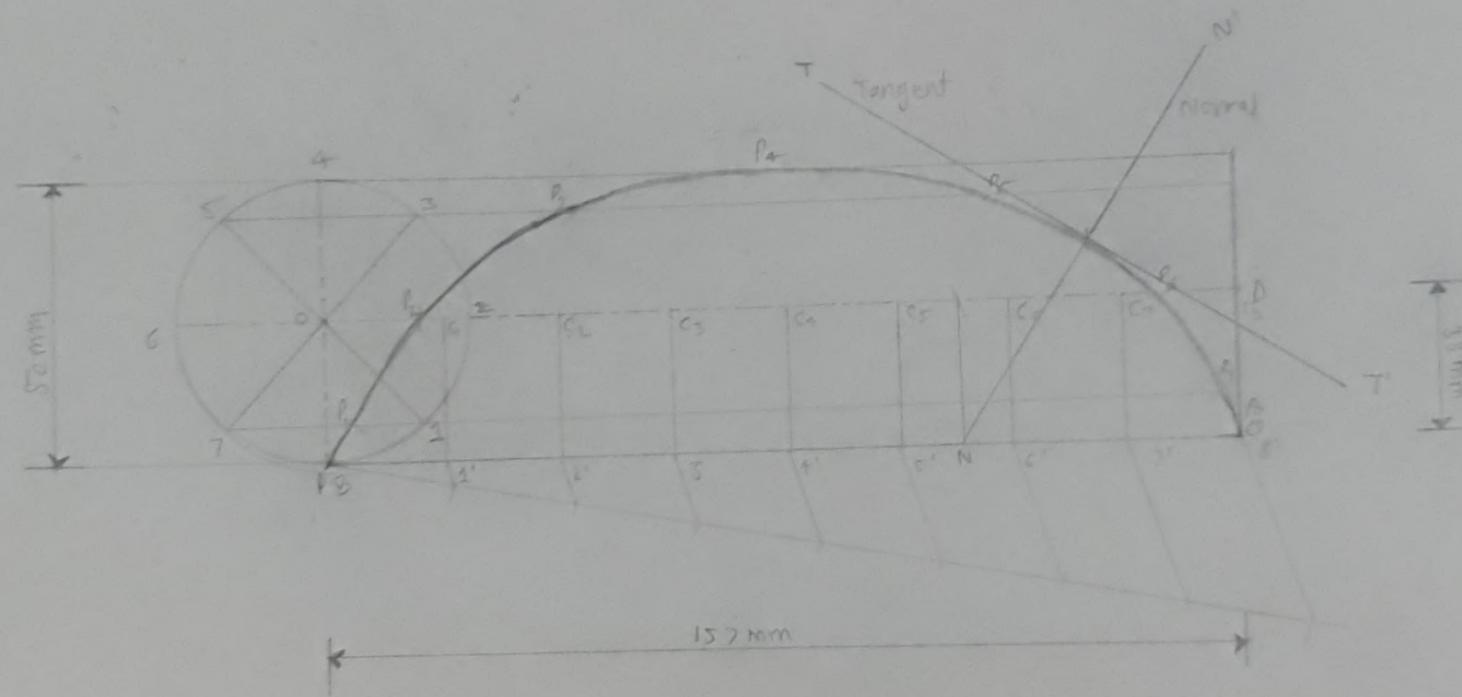
Orthogonal (Asymptote) Method

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OblIQUE ASYMPTOTES METHOD



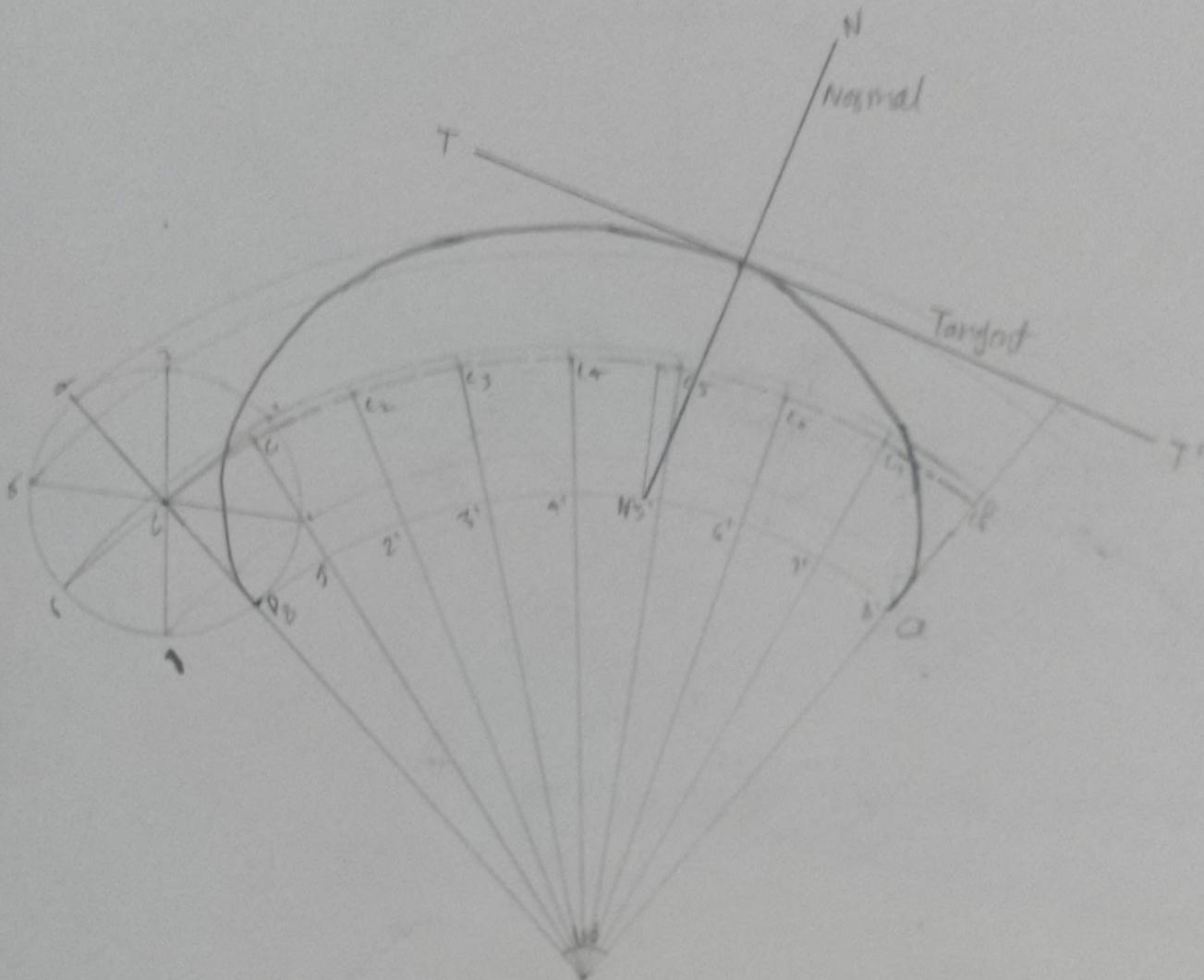
32

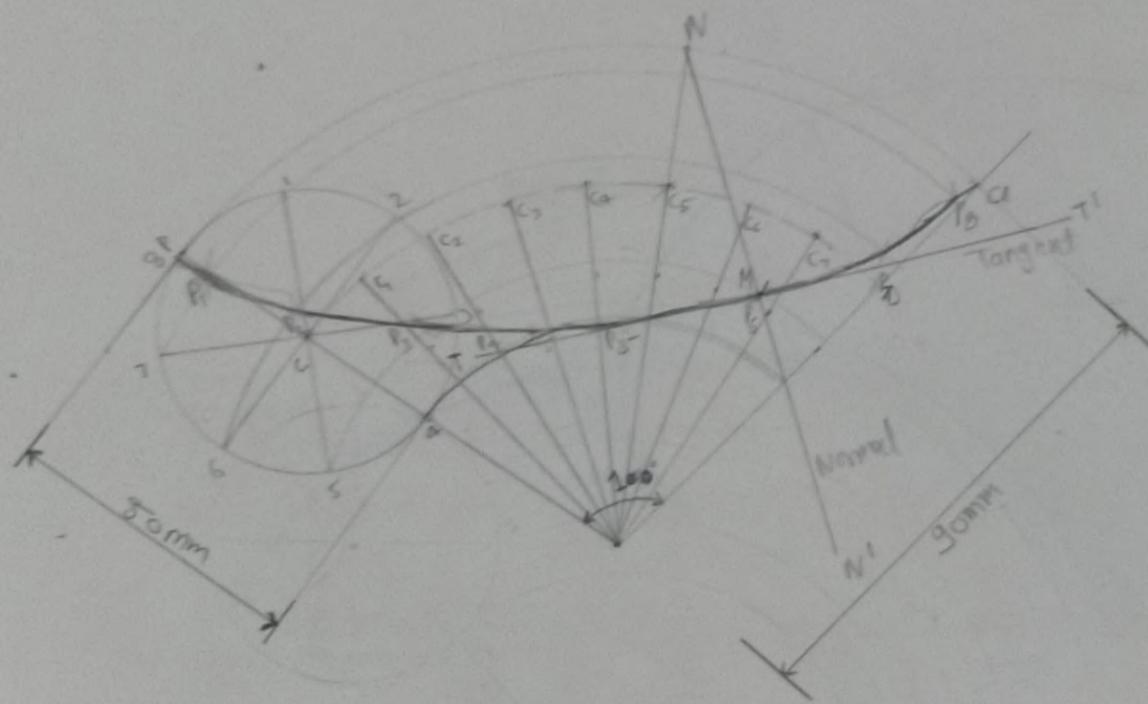
Cycloidal

23

EPI CycloidRadius of generating circle $r = \frac{50}{2} = 25\text{ mm}$ Radius of driving circle $R = \frac{120}{2} = 60\text{ mm}$

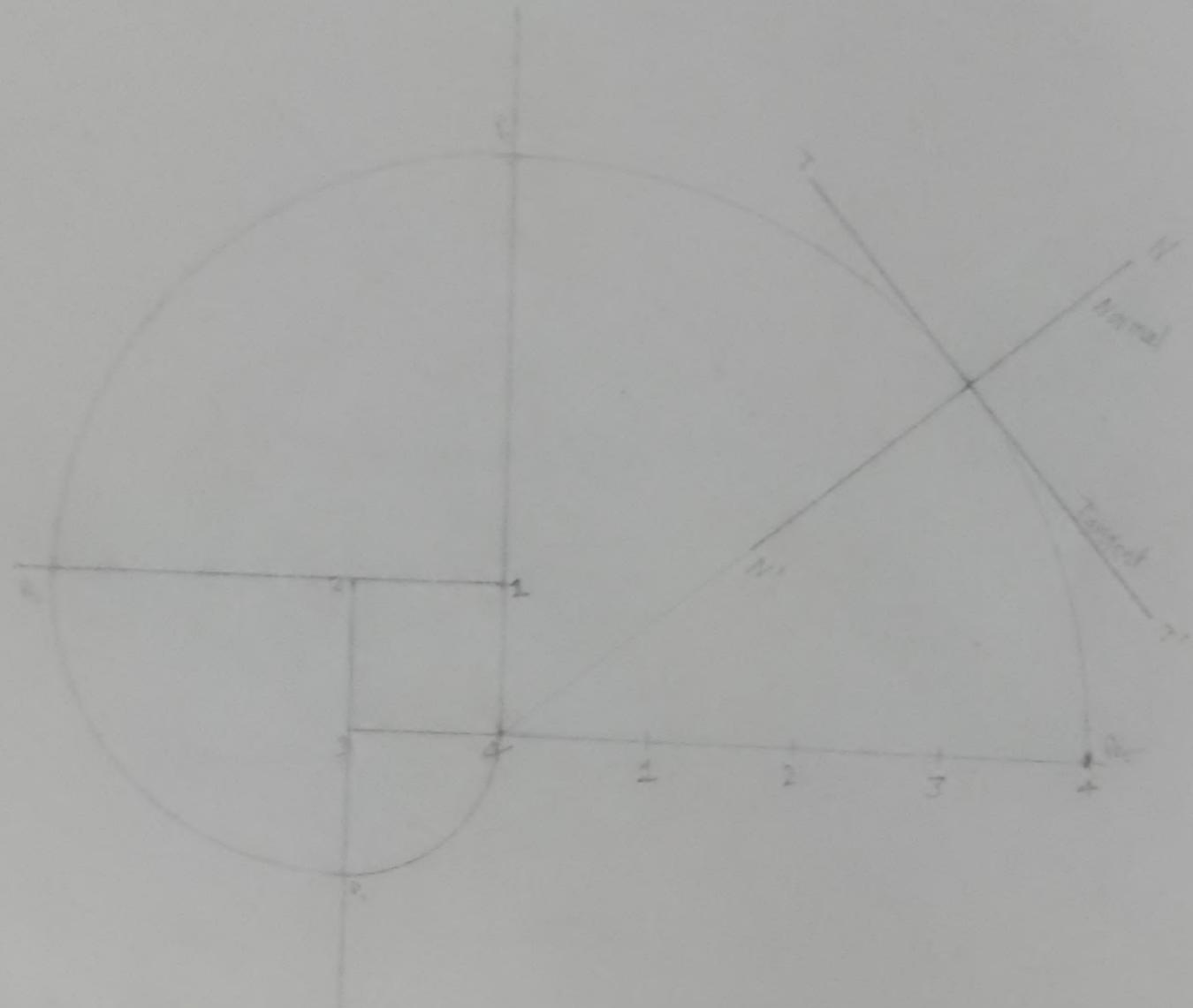
$$\theta = 360^\circ \times \frac{r}{R} = 360^\circ \times \frac{25}{60} = 100^\circ$$





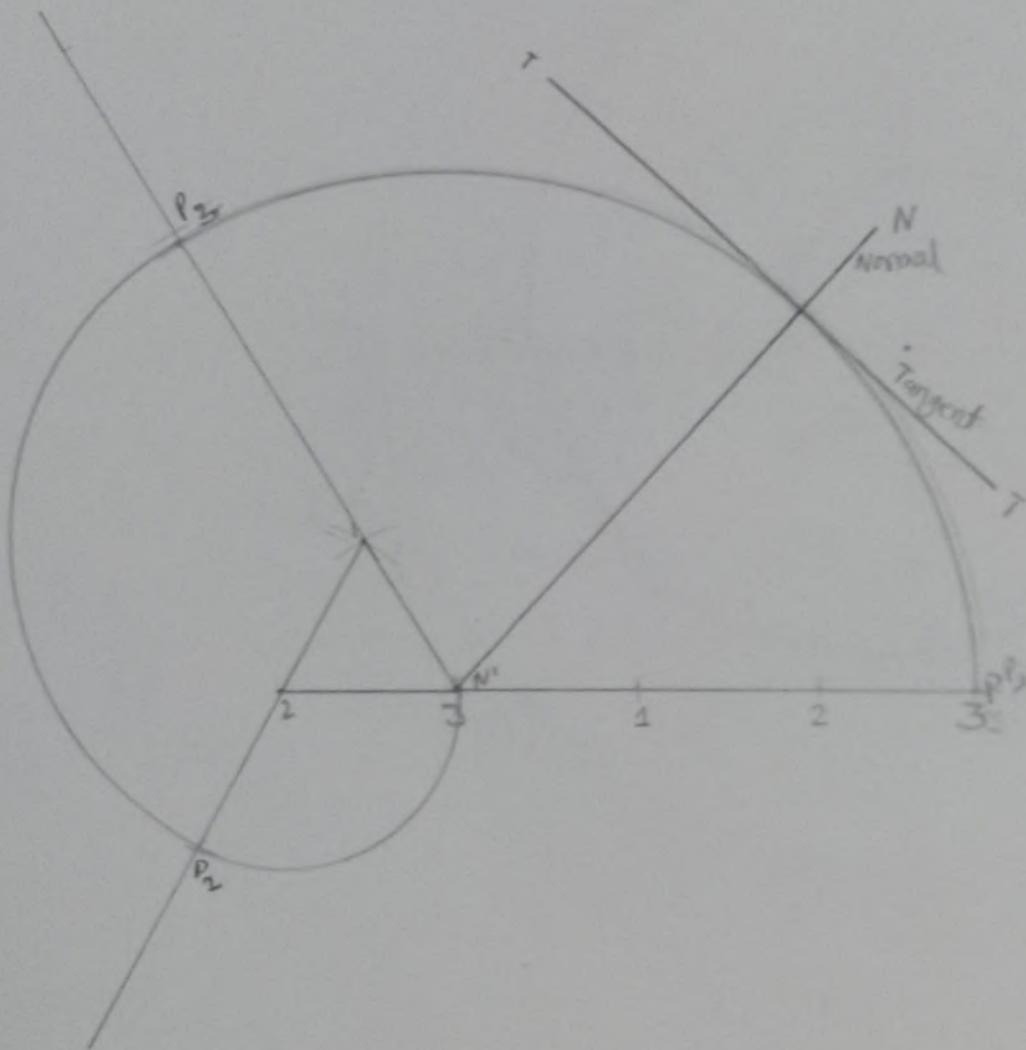
20

Spur und



(27)

Triangular Involute



(25)

Archimedean Spiral