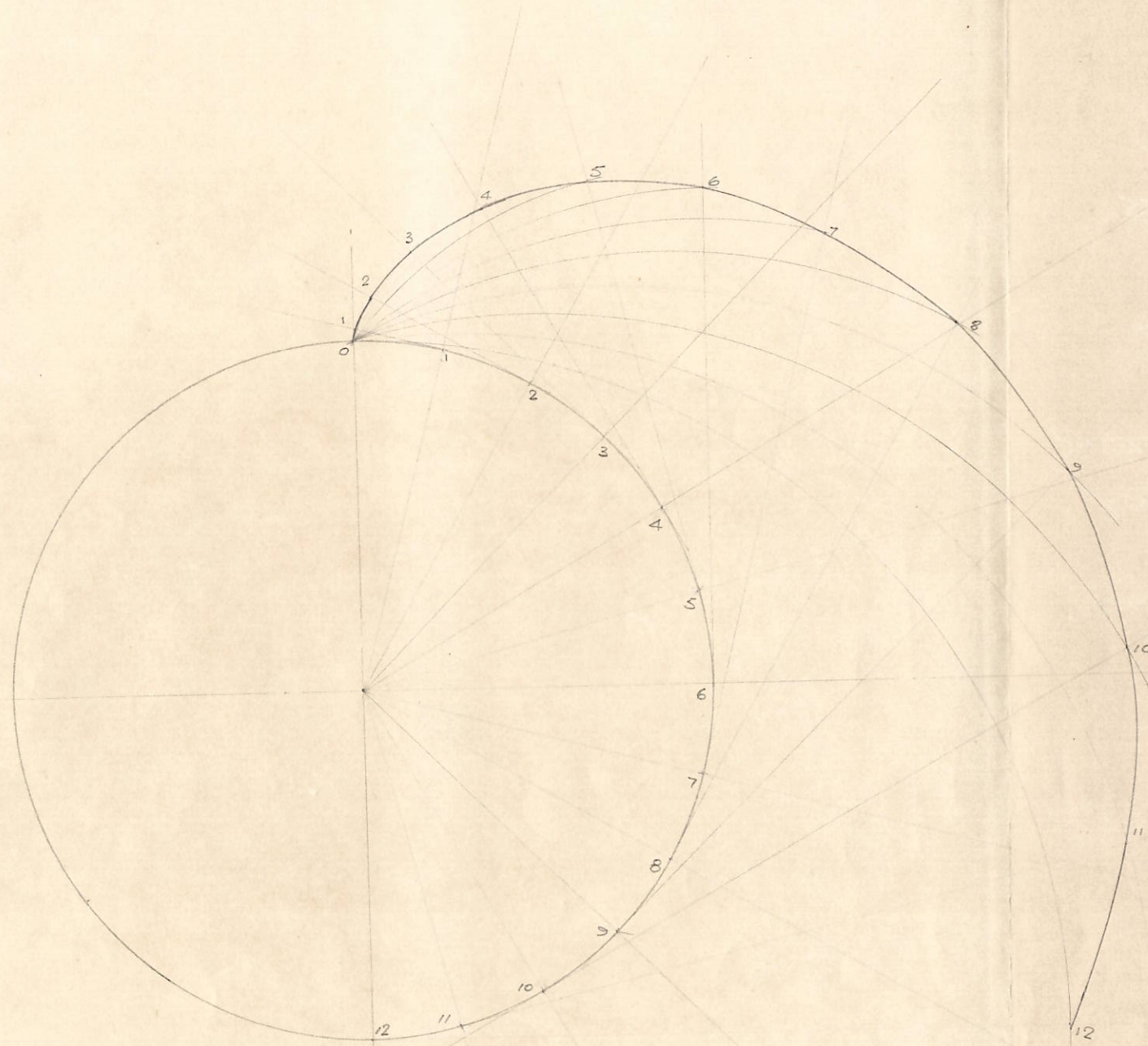




CONSTRUCTION OF
AN INVOLUTE CURVE

1. ACTUAL FORM OF INVOLUTE GEAR TEETH.

2. CONSTRUCTION.

DIVIDE CIRCLE INTO ANY NUMBER OF EQUAL PARTS. DRAW TANGENTS AT THEIR INTERSECTIONS WITH THE CIRCLE, AND STEP OFF THE CHORDAL DISTANCES MEASURED BACK TO POINT O, AND TRANSFER THEM RADIALY TO THE TANGENT LINES.

3. BLEND CURVE TO SUIT POINTS.

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