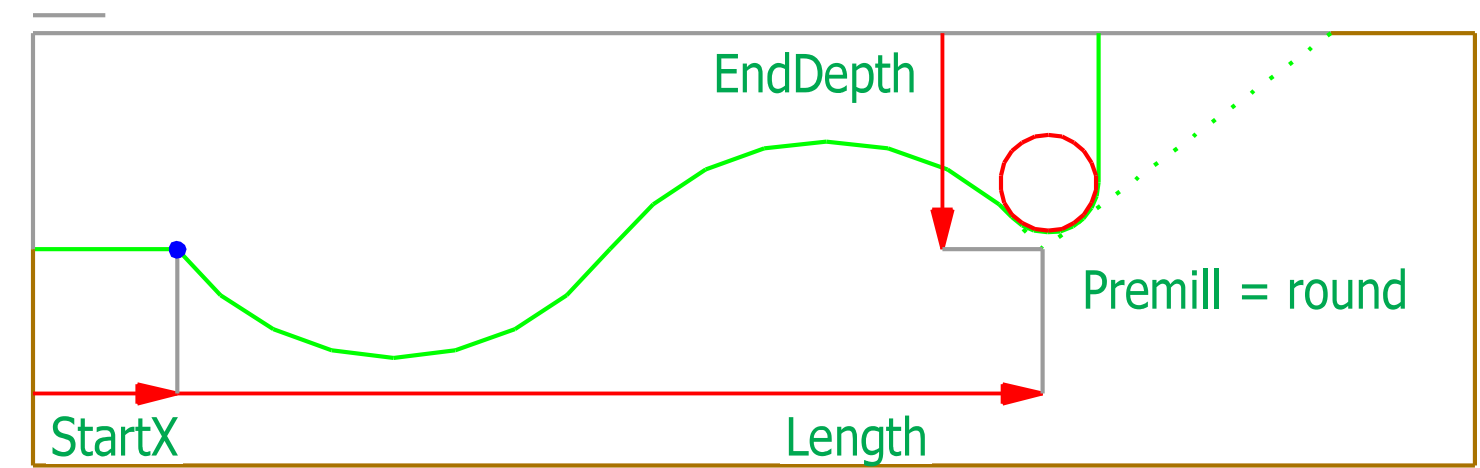
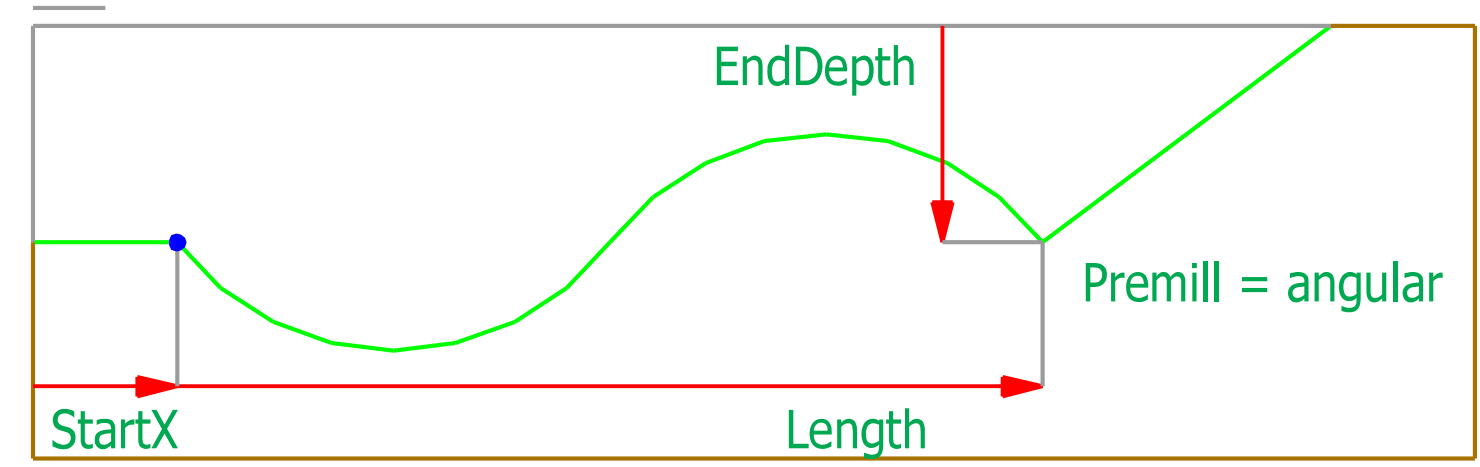
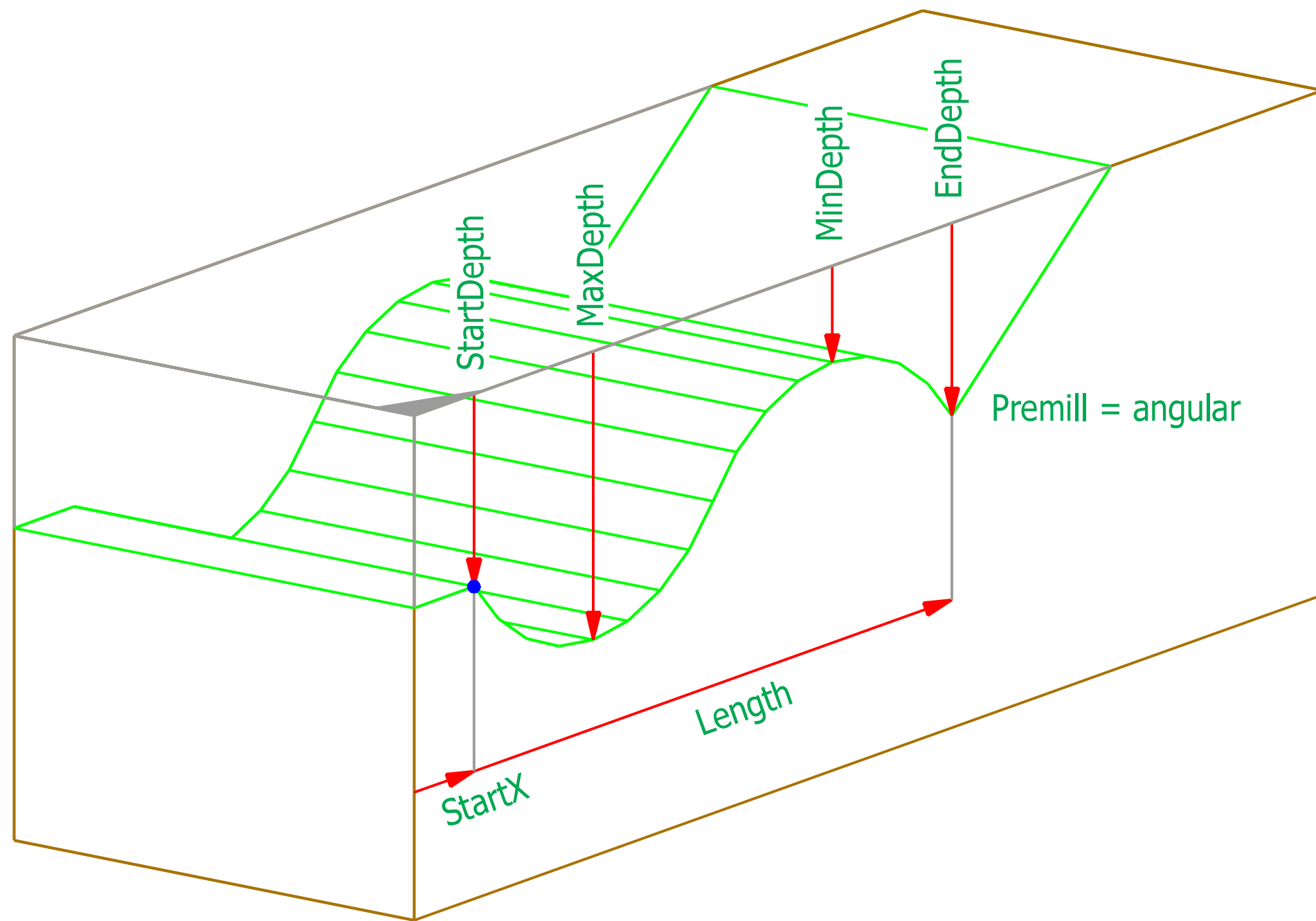
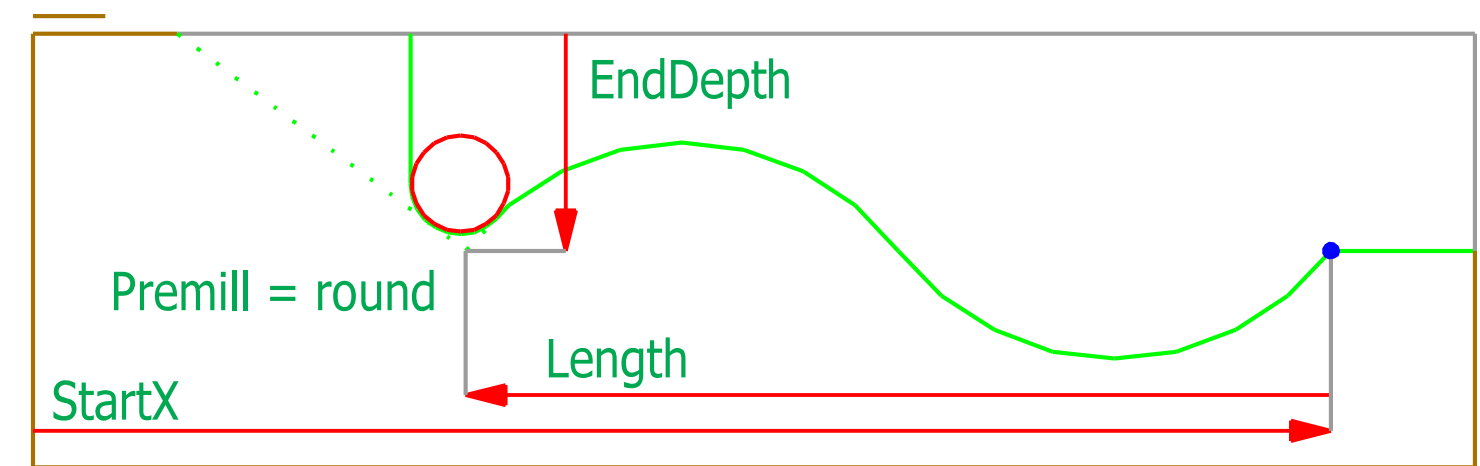
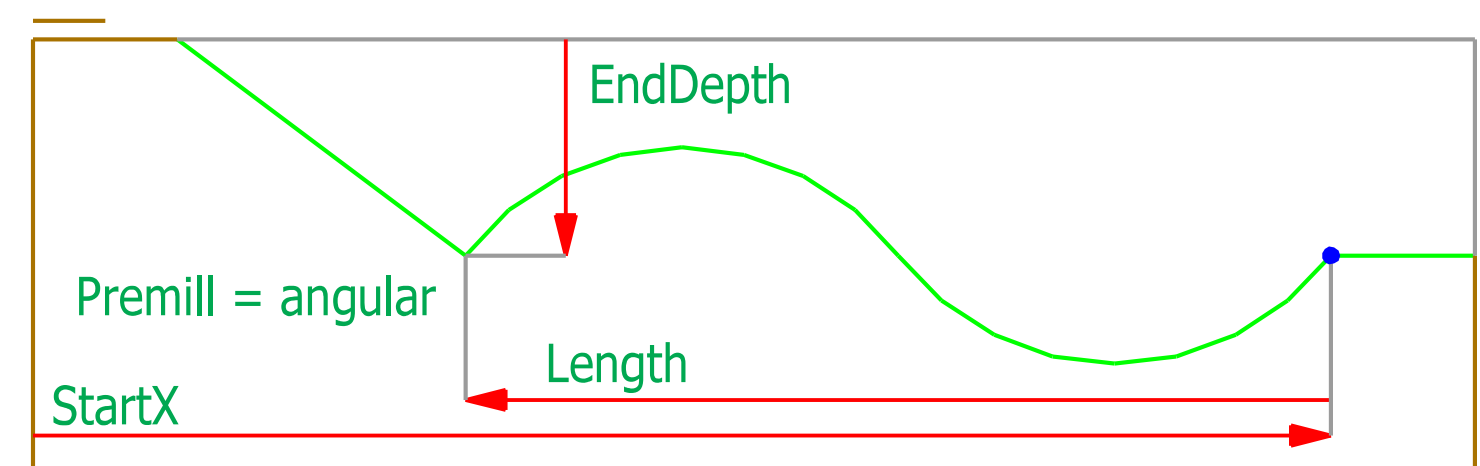
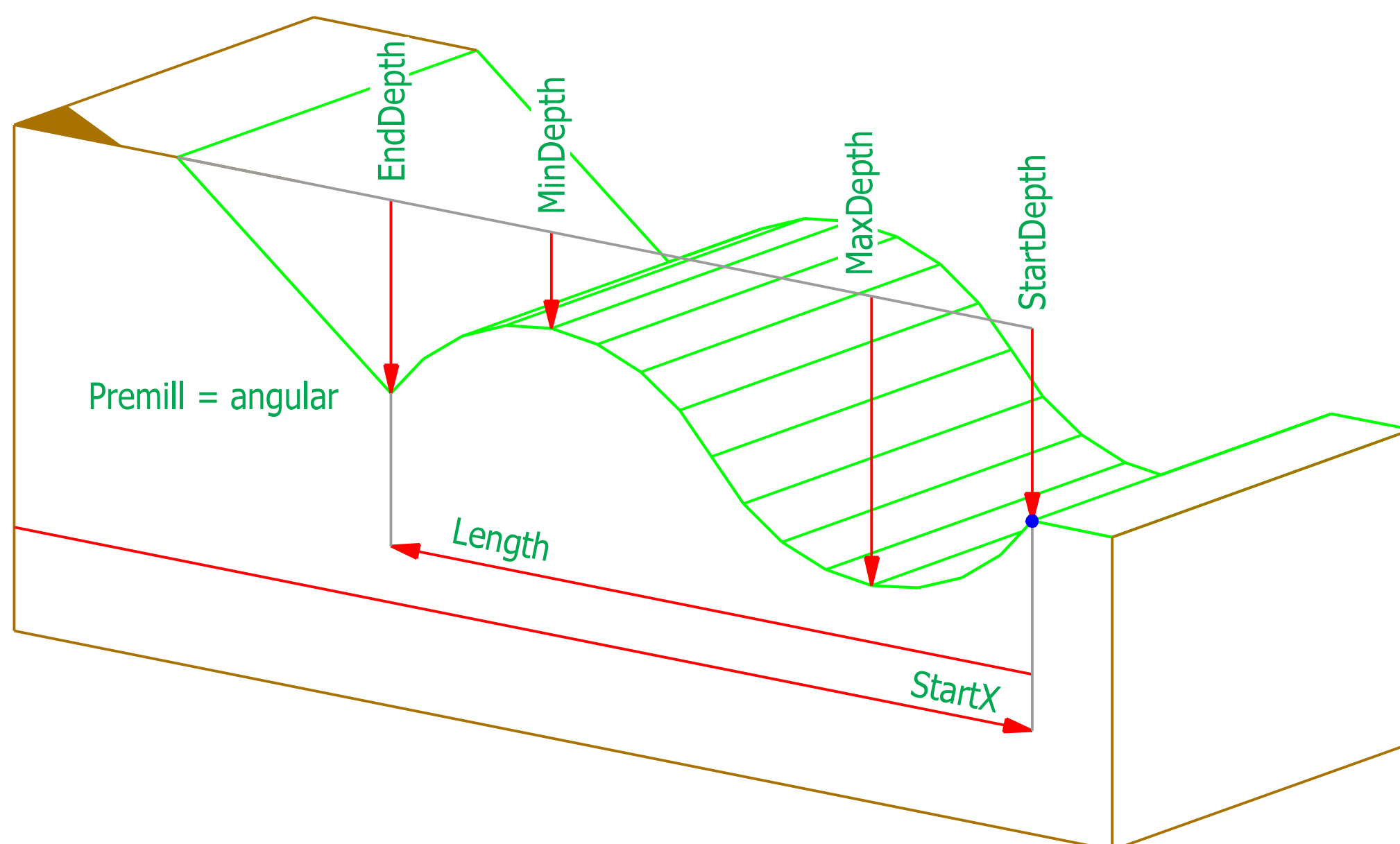


ProfileCambered

Orientation = start



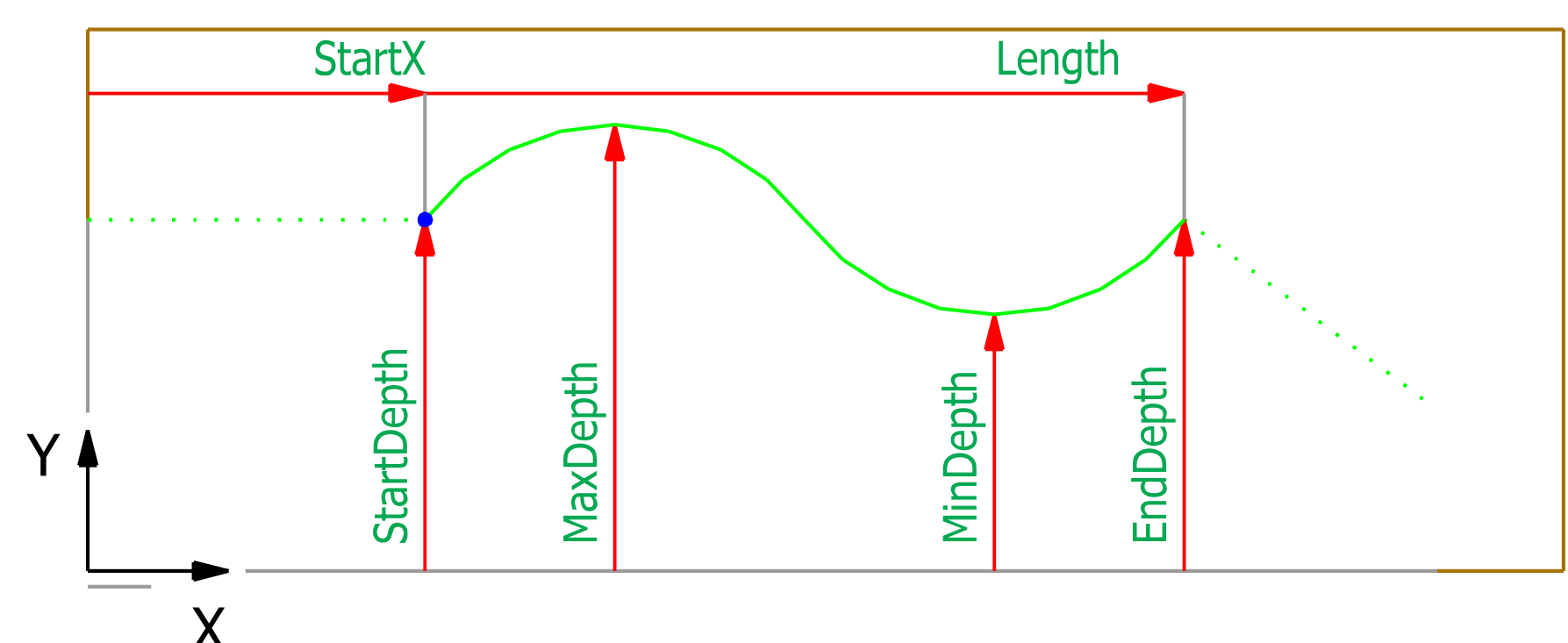
Orientation = end



The curve is defined by a cubic polynomial.

$$Y = Ax^3 + Bx^2 + Cx + D$$

The coefficients A, B, C and D must be calculated on the machine side.

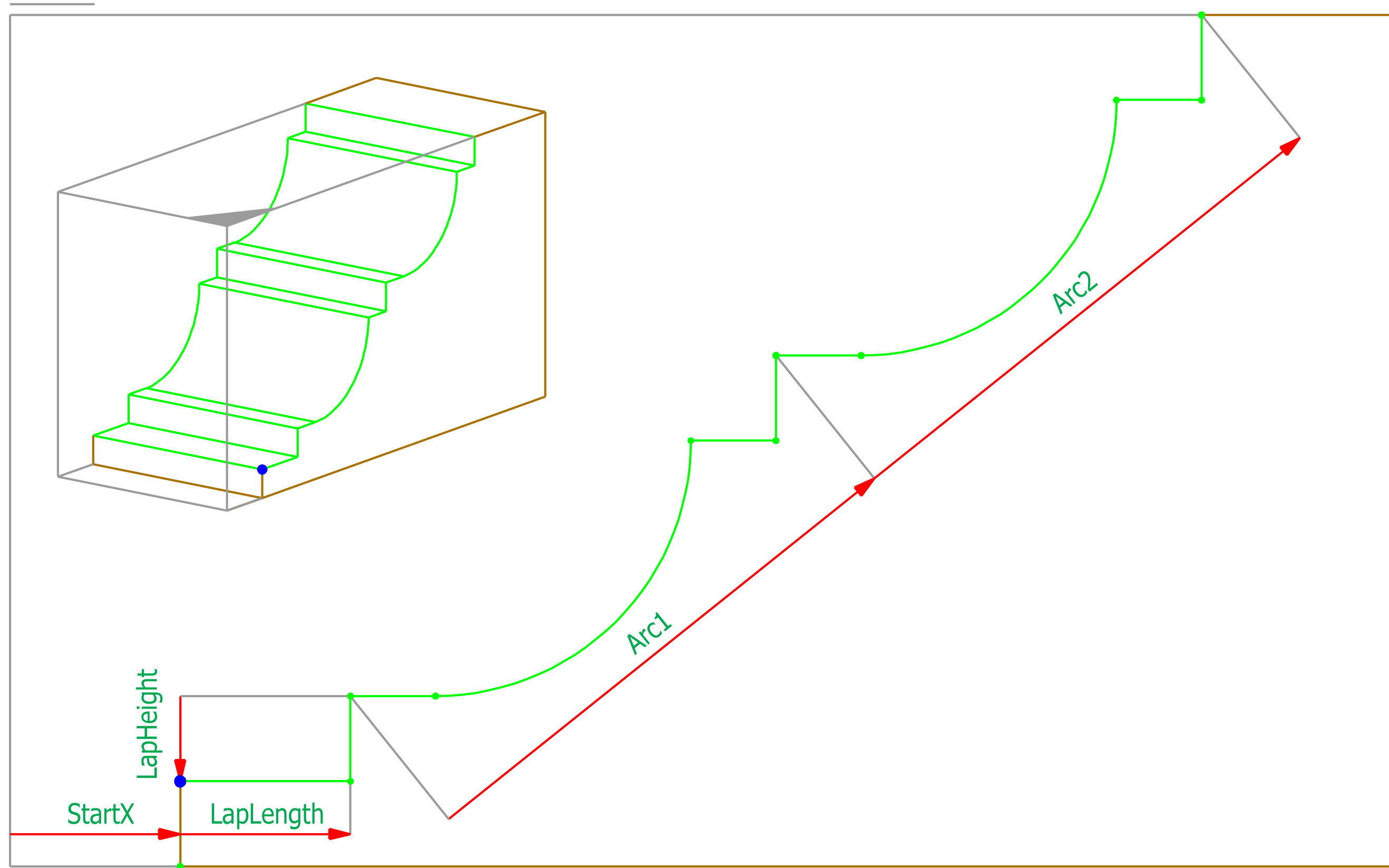


Parameters ProfileCambered

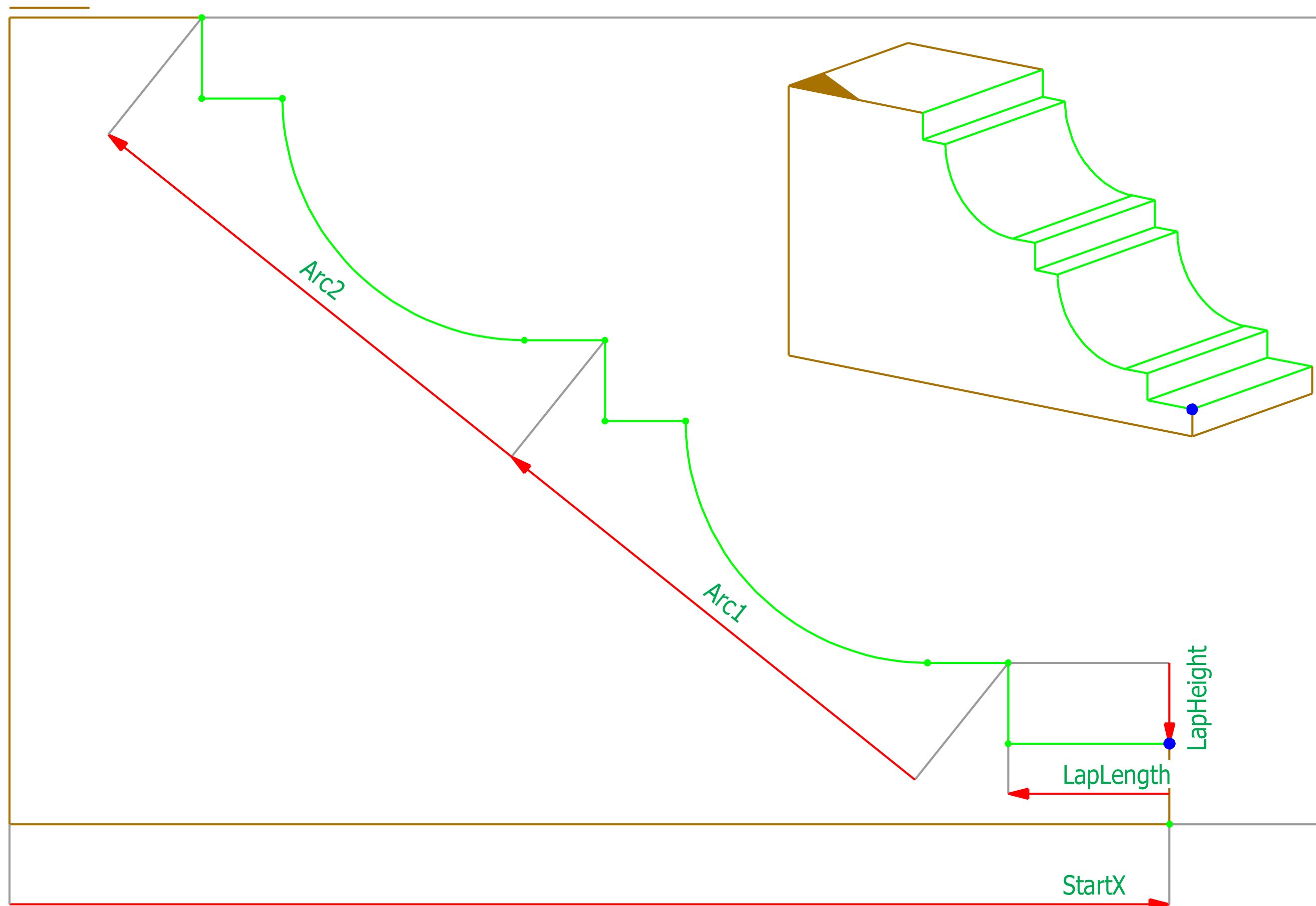
Name	Type	Default	Min	Max
Orientation	OrientationType		start	end
StartX	LengthPosType	0.0	-100000.0	100000.0
Length	LengthType	0.0	0.0	100000.0
StartDepth	LengthSType	40.0	0.0	1000.0
MaxDepth	LengthSType	60.0	0.0	1000.0
MinDepth	LengthSType	10.0	0.0	1000.0
EndDepth	LengthSType	40.0	0.0	1000.0
Premill	PremillType	angular	round/angular	

ProfileHead

Orientation = start



Orientation = end



Parameters ProfileHead

Name	Type	Default	Min	Max
Orientation	OrientationType		start	end
StartX	LengthPosType	0.0	-100000.0	100000.0
Arc2	ProfileArcType			
LapLength	LengthSType	10.0	0.0	1000.0
LapHeight	LengthSType	10.0	0.0	1000.0

ProfileArcType

ArcShape	ArcShapeType	QuarterArc	QuarterArc/Segment
LapLength	LengthSType	convex	convex/concave
LapHeight	LengthSType	10.0	0.0
Displacement	LengthSType	10.0	1000.0
		10.0	0.0
		10.0	1000.0

QuarterArc

Radius	LengthSType	50.0	0.0	1000.0
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Segment

Length	LengthSType	50.0	0.0	1000.0
Height	LengthSType	50.0	0.0	1000.0
Camber	LengthSType	50.0	0.0	1000.0

