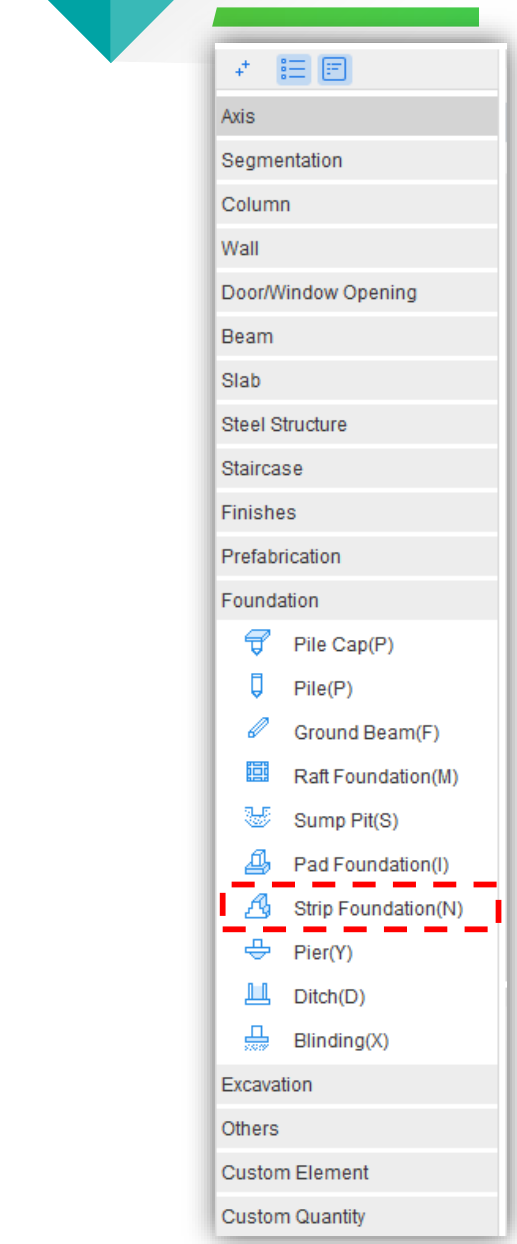
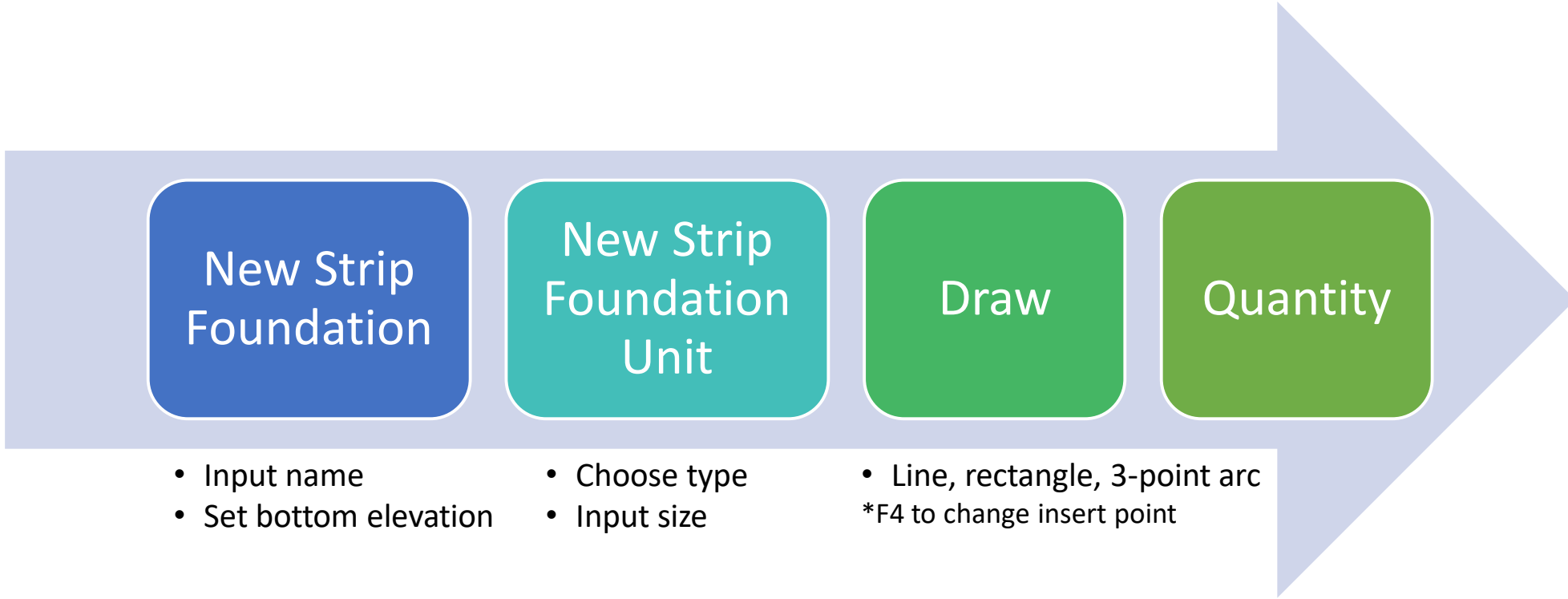
Point Type



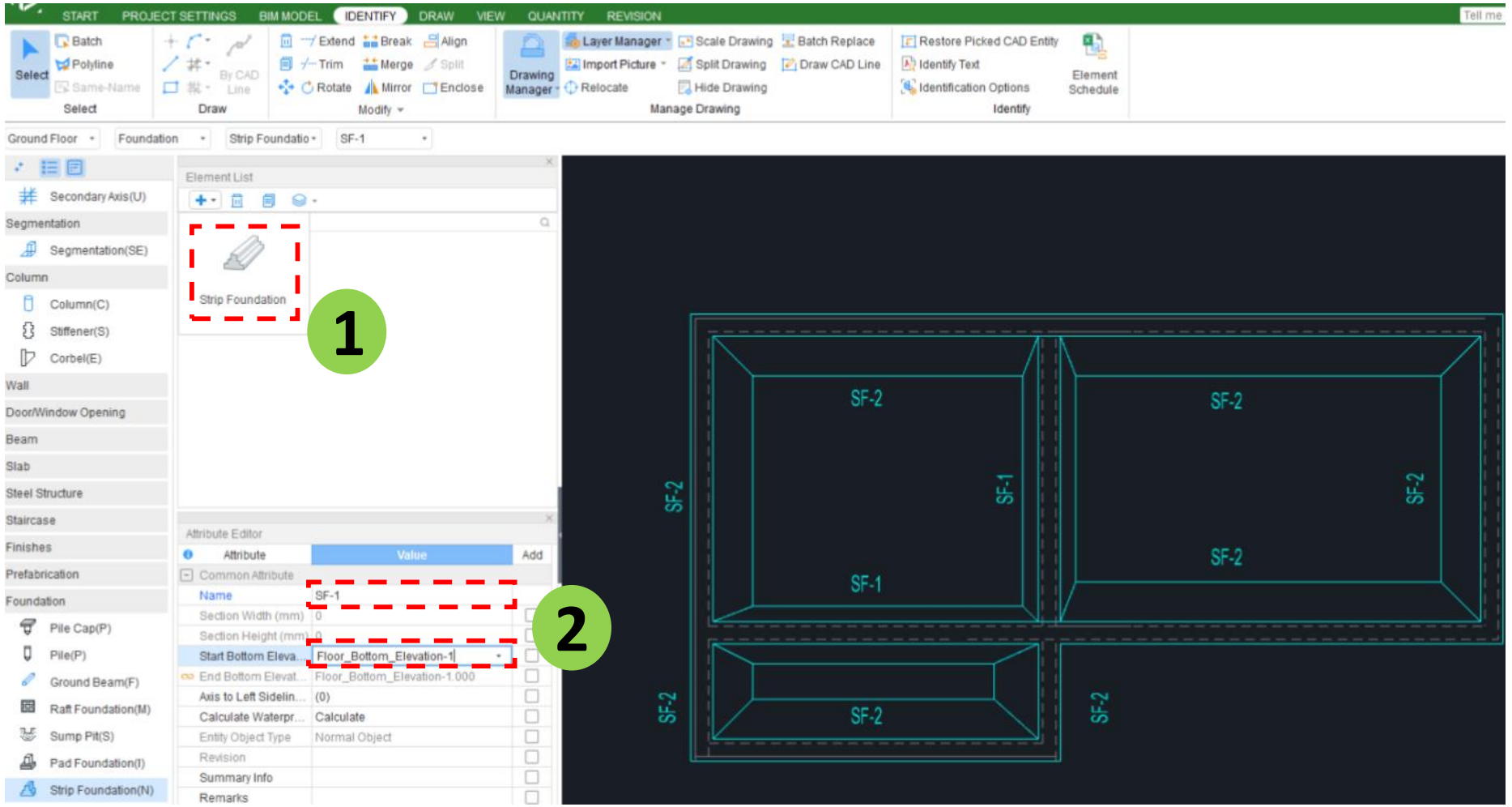
Strip Foundaion
(Pondasi Lajur)

Strip Foundation



Define Strip Foundation

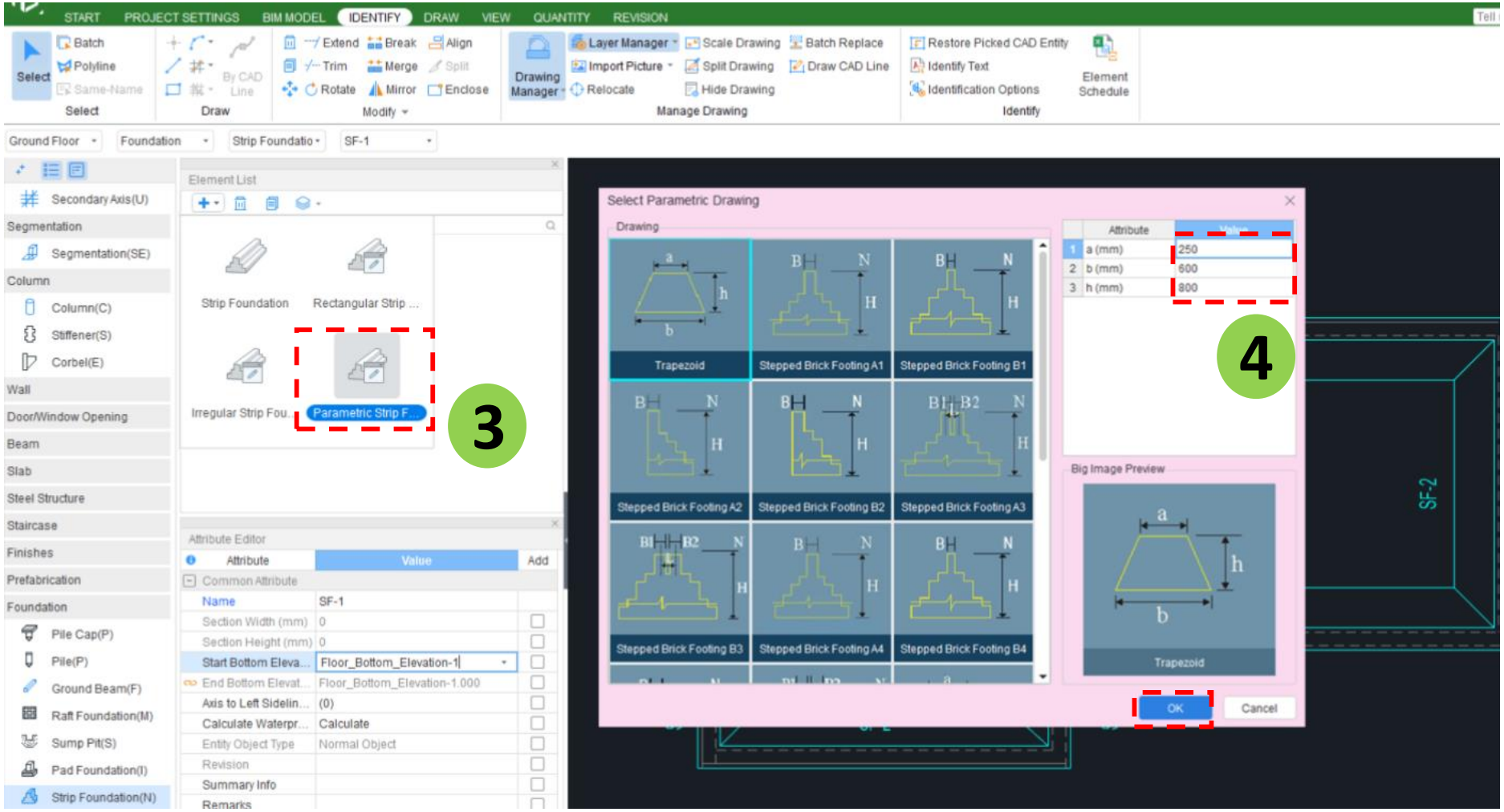
- Step 1: New Element List → Strip Foundation
- Step 2: Set Name & Bottom Elevation (if needed)



Continue →

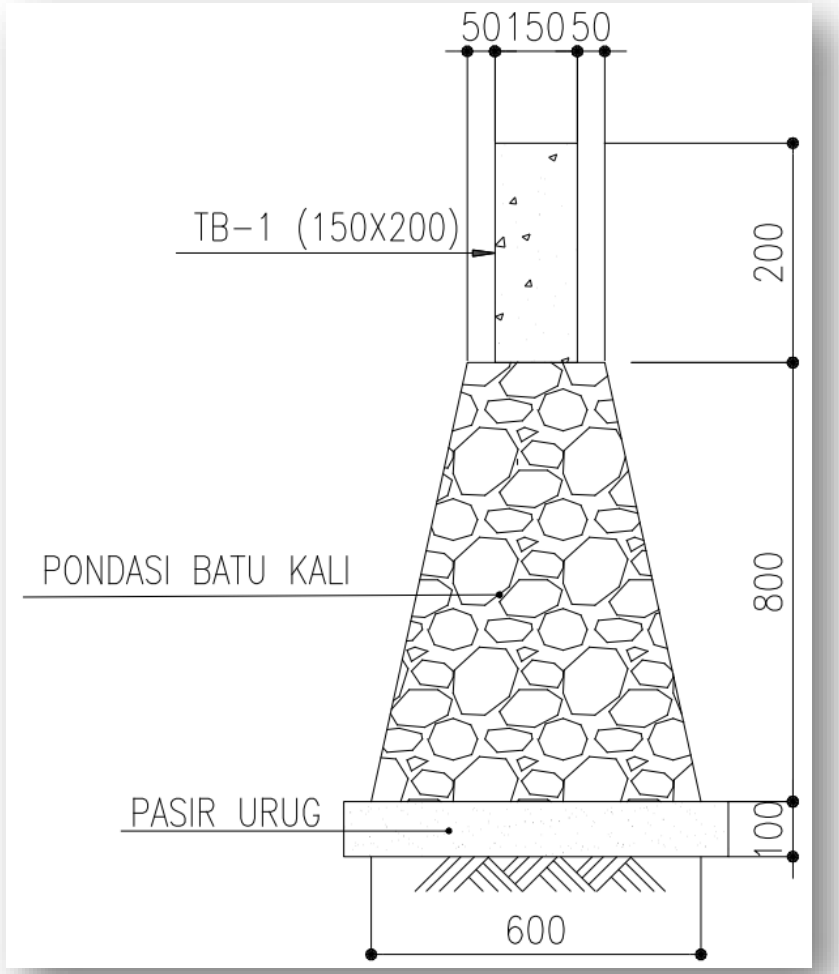
Define Strip Foundation

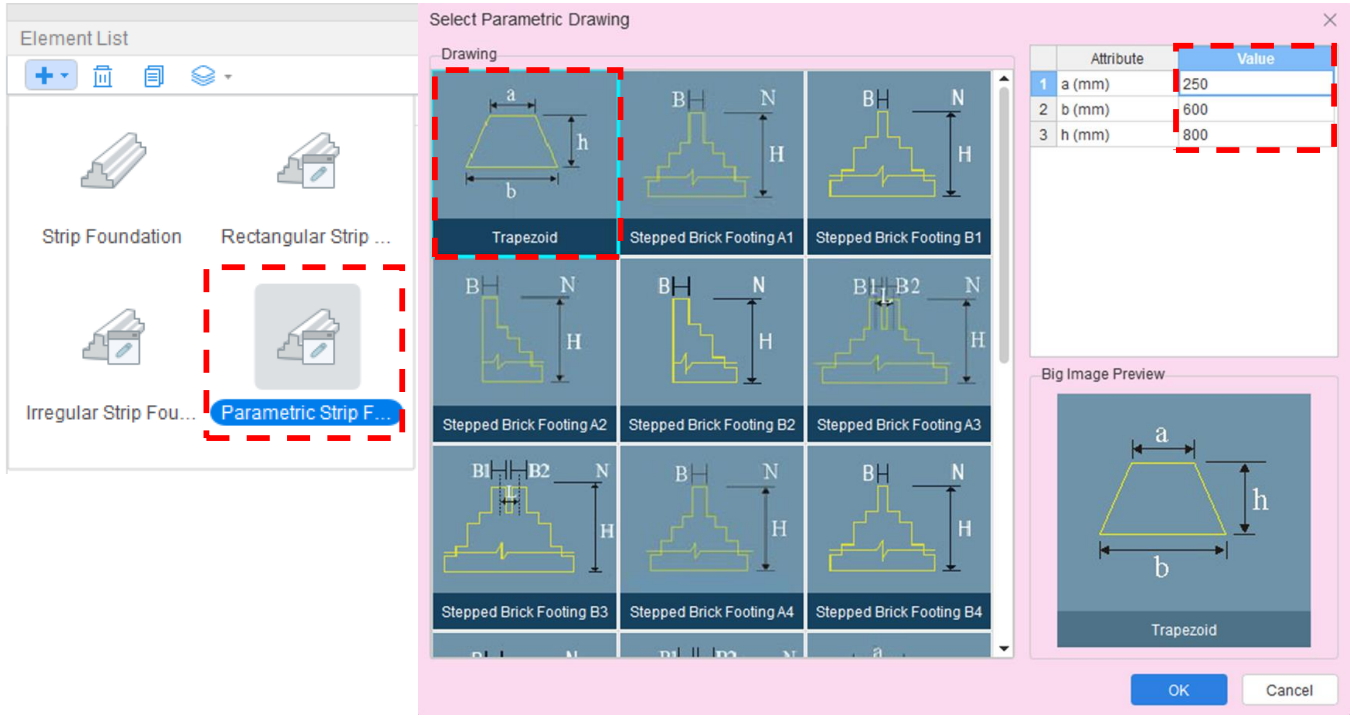
- Step 3: New Element List → Strip Foundation Unit
- Step 4: Choose Type & Input Size → OK



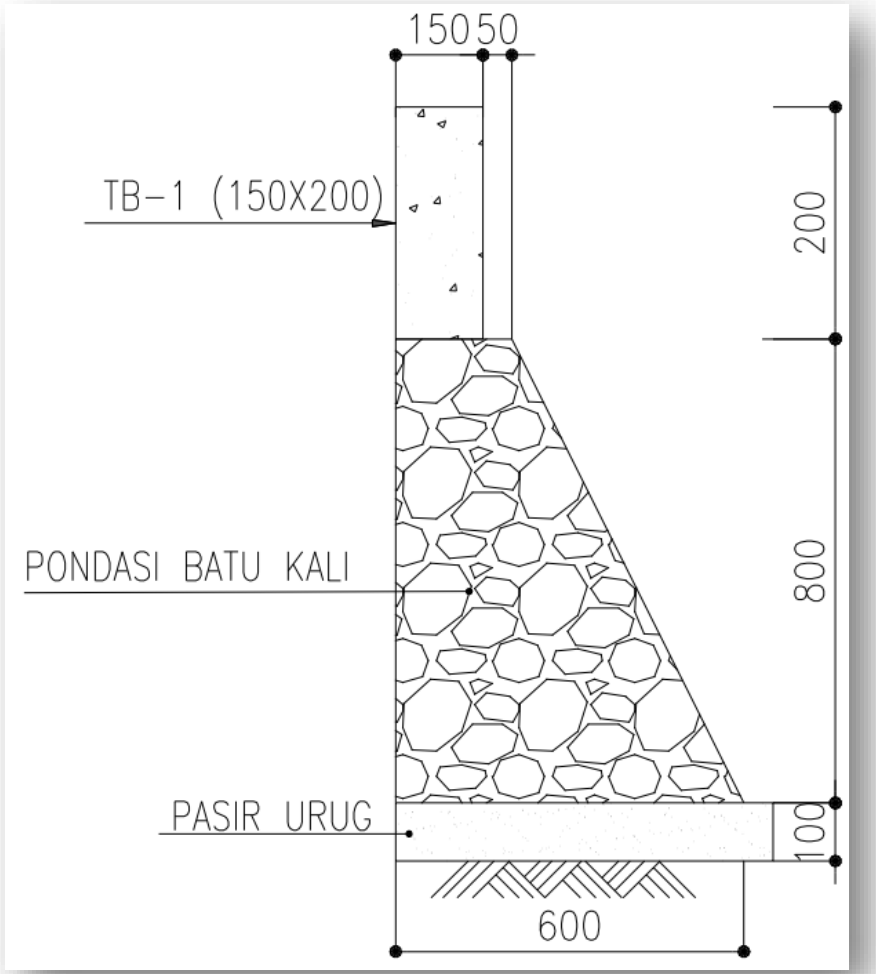
Continue →

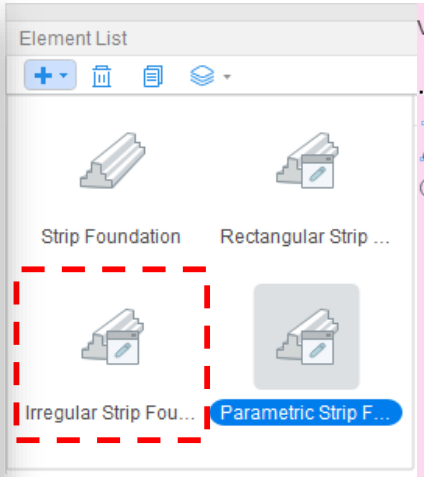
Example of Parametric Strip Foundation Unit





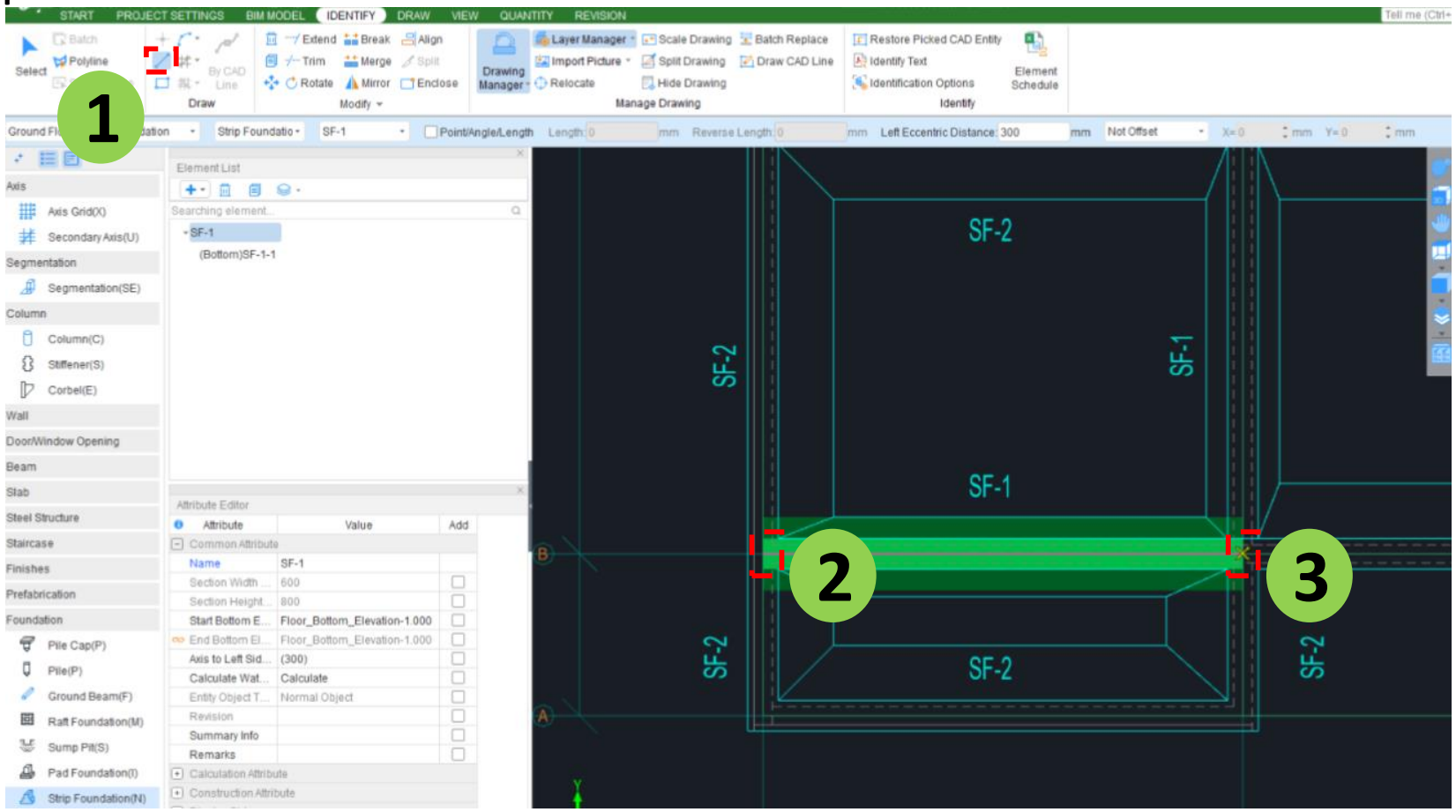
Example of Irregular Strip Foundation Unit





Draw Strip Foundation

- Step 1: Tab {Draw}, Click [Line] to draw a to draw a straight line
- Step 2: Begin from Start Point
- Step 3: Stop at End Point



Quantity of Strip Foundation

Notes:

Which quantity to extract for STRIP FOUNDATION

Quantity you need	Quantity to extract from Glodon
Volume (m3)	Volume
Formwork (m2)	Area of Formwork

	Quantity Name	Quantity Expression	Quantity	Unit
1	Strip Foundation : SF-1			
2	Strip Foundation Unit : SF-1-1			
3	Volume	0.340<Area of section>*3.925<Length>-0.103<Deduct strip foundation>	1.232	m3
4	Area of formwork	6.428<Original area of formwork to side>+0.340<Original area of formwork to end>-1.118<Deduct strip foundation>	5.651	m2
5	Area of soffit	2.355<Original area of soffit>	2.355	m2
6	Area of side	6.909<Original area of side>-1.258<Deduct strip foundation>	5.651	m2
7	Area of top	0.981<Original area of top>	0.981	m2
8	Weight of rebar	1.232<Volume>*50.000<Steel ratio>	61.587	kg