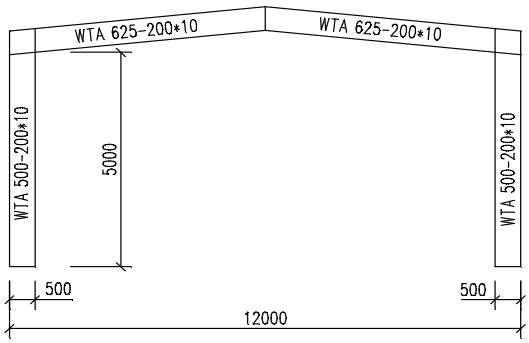
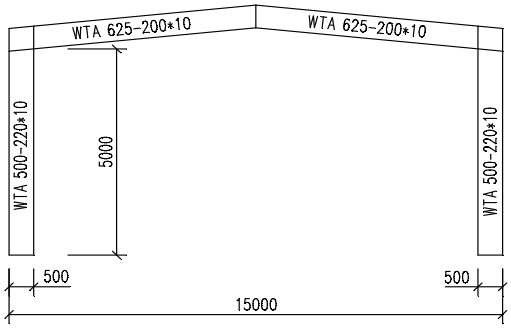
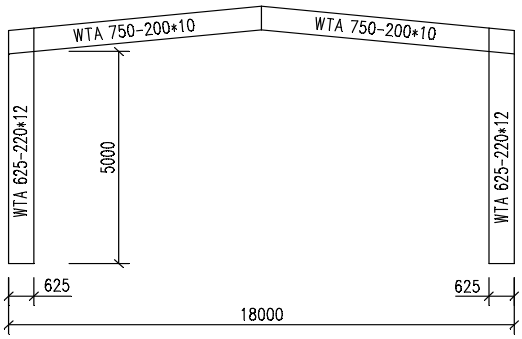
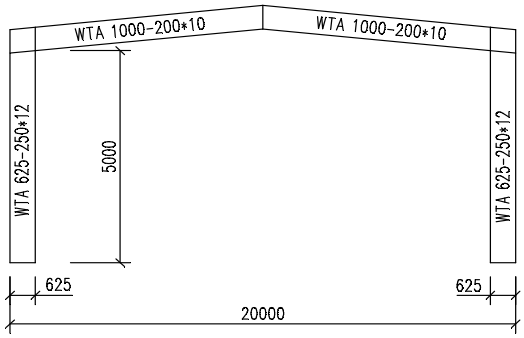
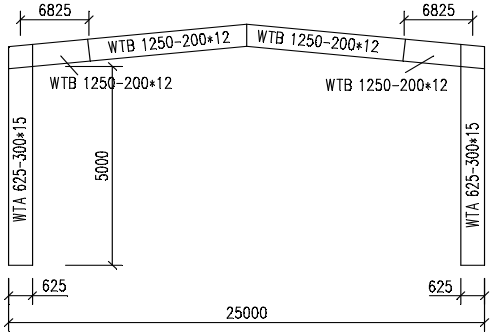
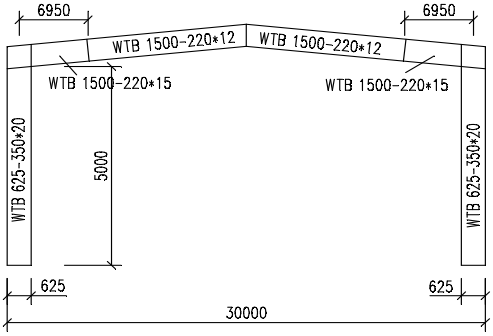
Weight comparison of SIN beam frames with various span

Note: This comparison is eligible for the weight assumption of price offers. An additional static calculation is necessary before the errection of building.

Snow load: 150 kg/m2
Basic wind pressure: 50 kg/m2
Eartquake load: 20% of dead load
Dead load roof cladding and roof purlins: 35 kg/m2
Dead load wall cladding and wall purlins: 20 kg/m2
Frame distance: 6,00m

Span [m]	Weight per frame [kg]	Figure
12,0	1057	
15,0	1251	
18,0	1531	

Span [m]	Weight per frame [kg]	Figure
20,0	1784	
25,0	2757	
30,0	4036	
35,0	5328