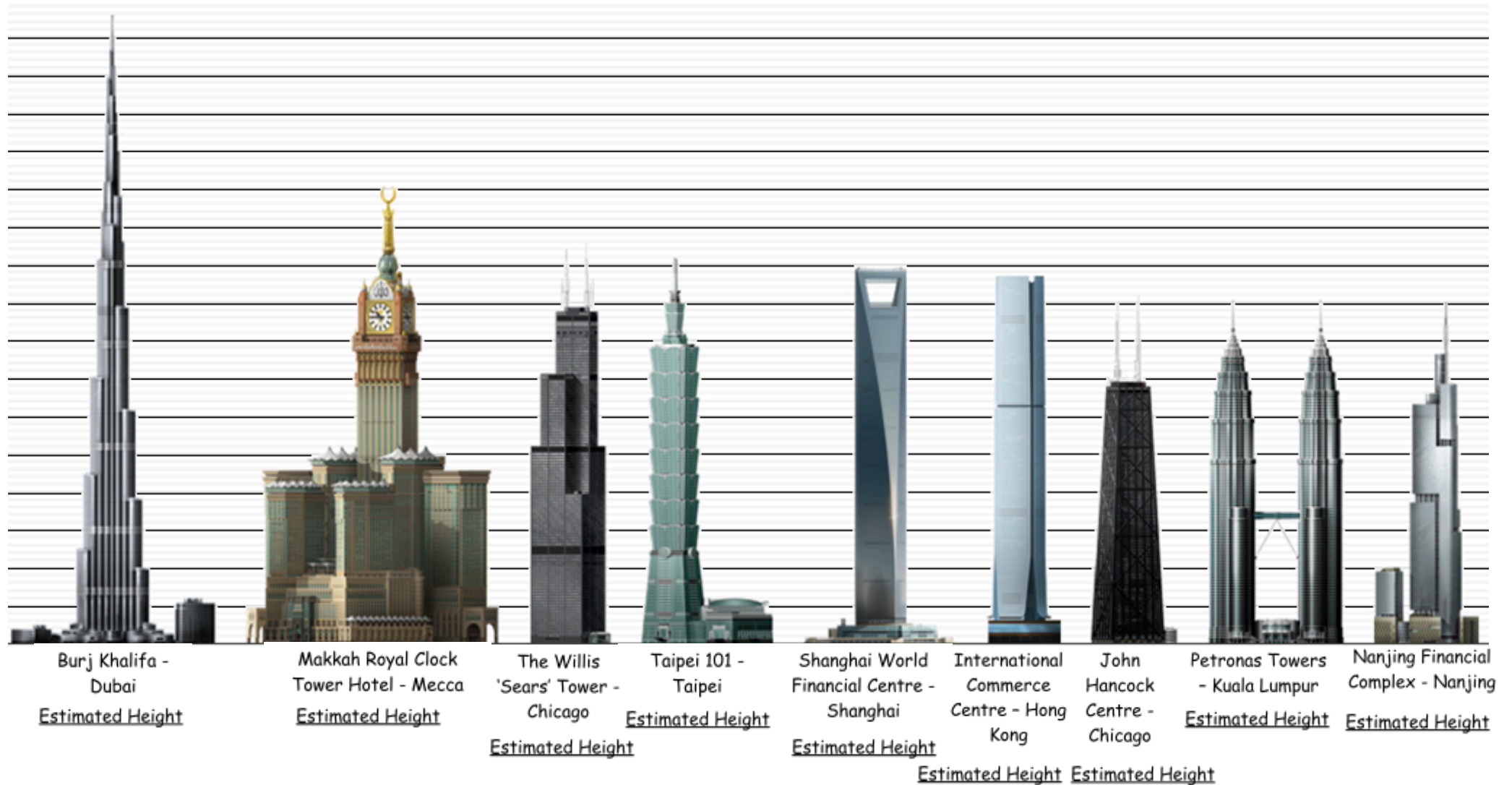
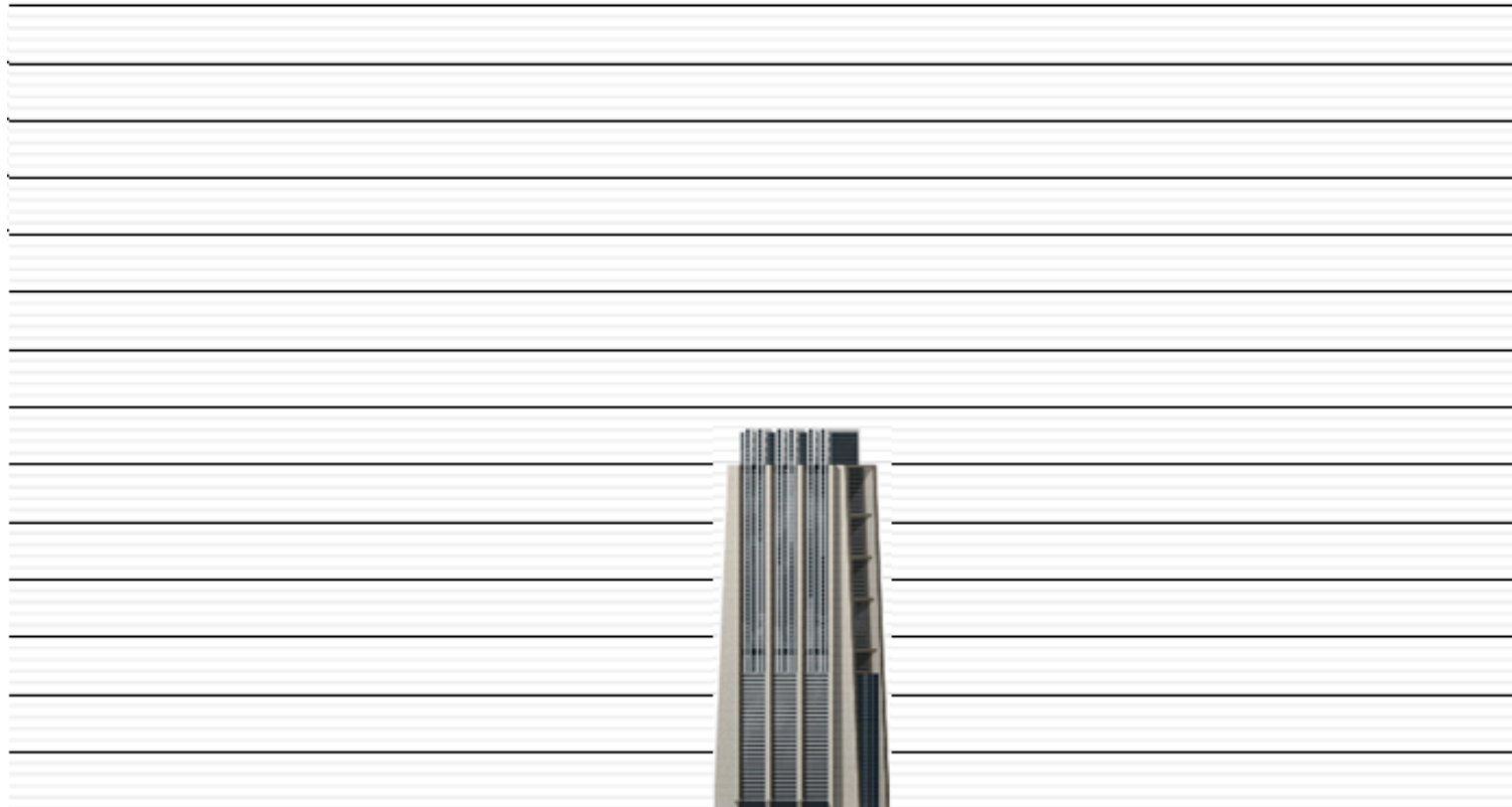


Scale Drawings EXTENSION

Below are pictures of some of the largest buildings in the world. The Nanjing Complex is 450m high. Based on this, calculate the scale being used on the grid and subsequently the height of each building. Write the heights at the bottom of the sheet and fill in the scale up the side.



On this grid you are given the height of 'The Index', a building in Dubai, as being 330m. Draw the other buildings on the diagram, based on their heights and the photographs you can see. Extension: You are to design a high-rise block in London which must be 650m tall and no more than 100m wide at the base. Draw your building on the diagram as well!



The Index -
Dubai
Height: 330m



Empire State
Building - New York
Height: 443m



Burj Al-arab -
Dubai
Height: 321m



The Shard -
London
Height: 310m