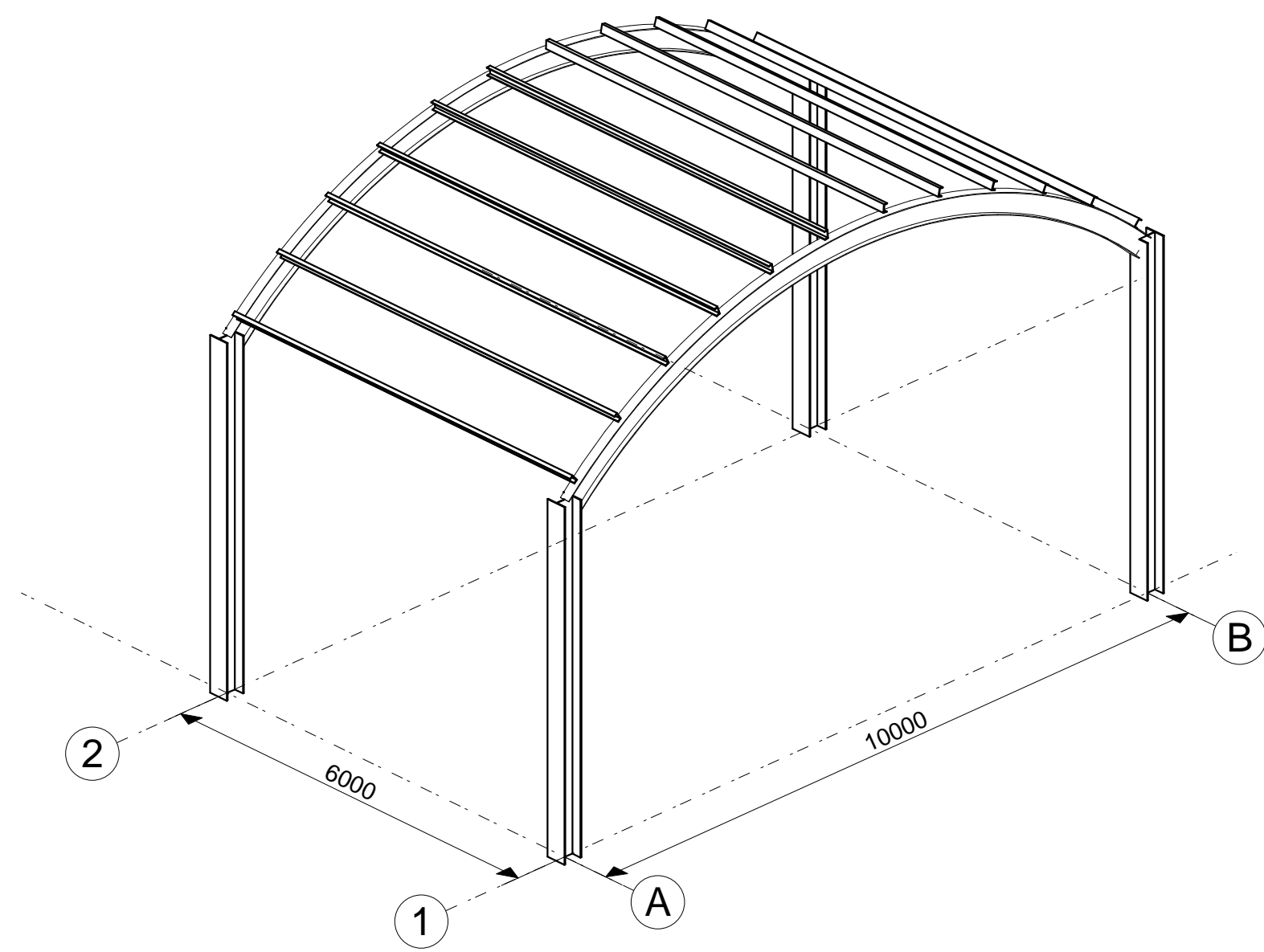


View on line 1



3D View

Model the cylindrical roof and purlins as shown.

1. All Purlins are UNP120
2. Notice that left side purlins are point left and right side purlins are point right
3. The TOP of the roof beam has a radius of 7250 mm
4. The Purlins are spaced at 950 mm and a certain unknown amount is left equally on both sides.
5. Use construction circles and divide them into points and angles to get the desired result.
6. All materials are S235
7. Assume reasonable values for any information not given.
8. You will need to use Copy Rotate to accurately place the purlins
9. You can watch the tutorial here <https://youtu.be/ksH3gEH6NsY>