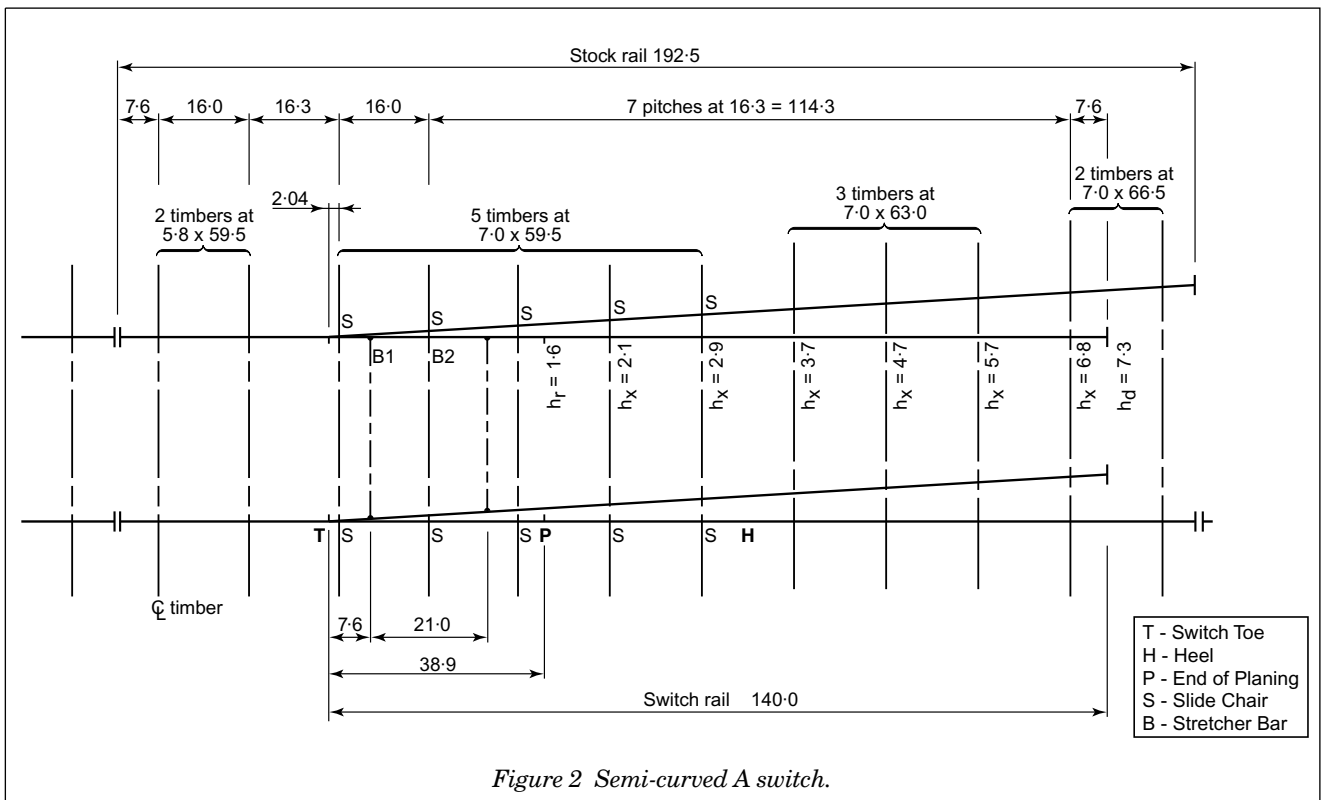
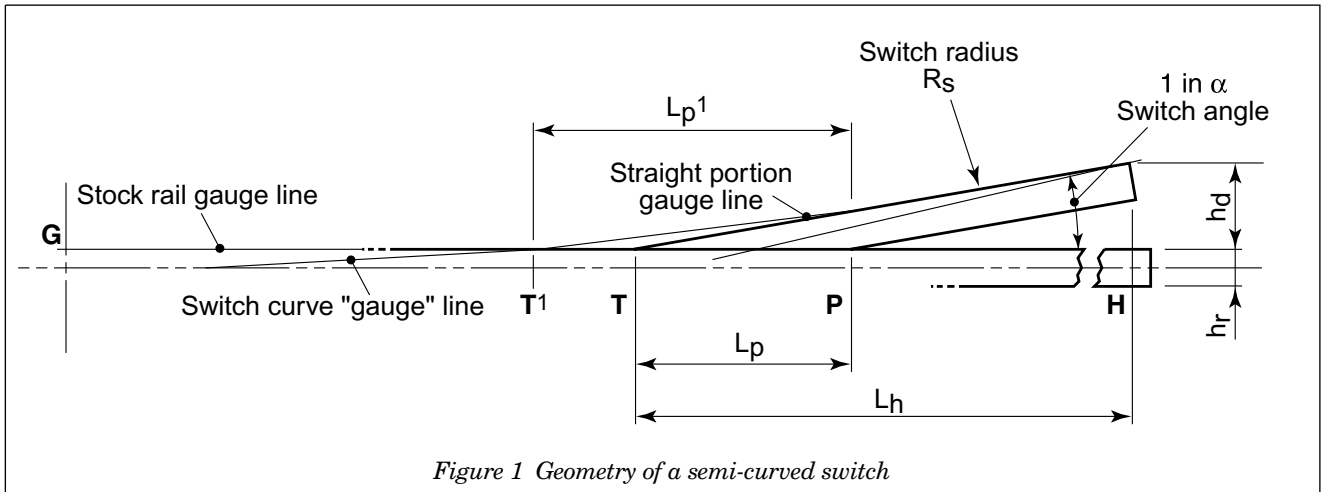


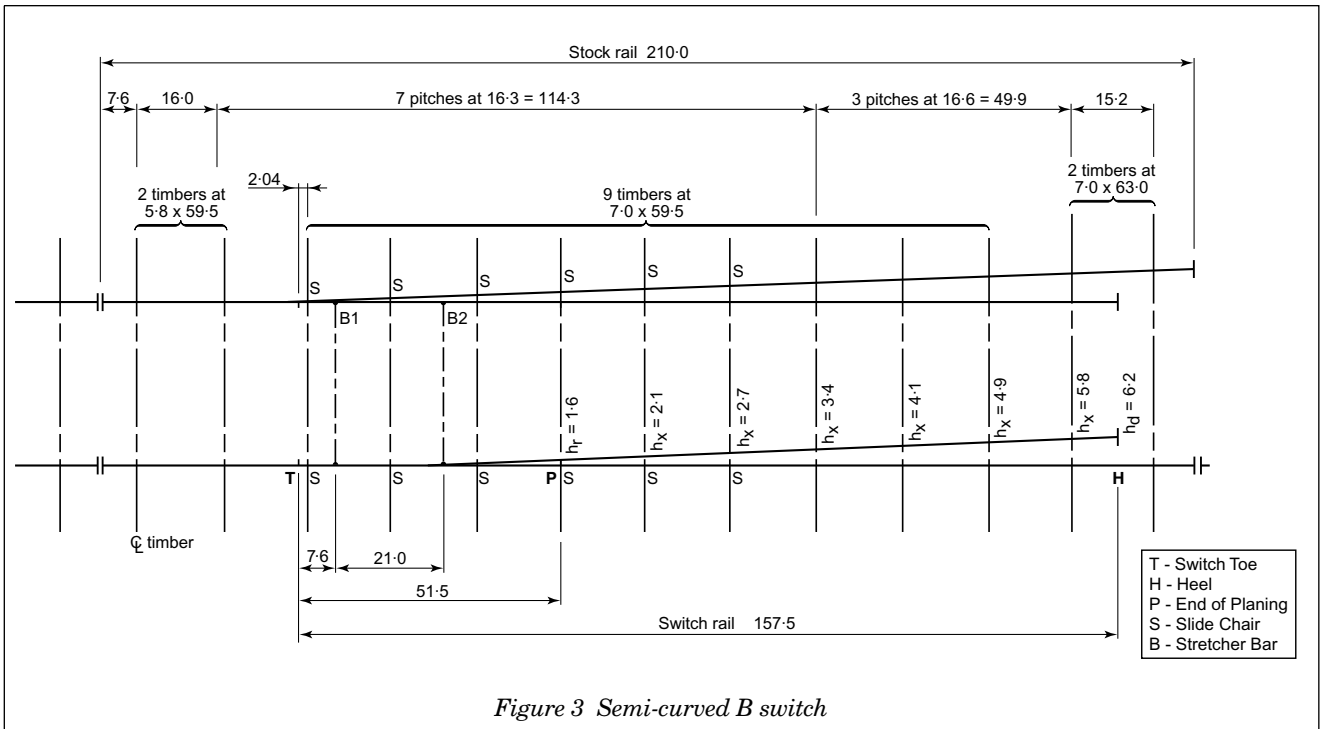
## Semi-curved Switches (All Standards)

The basic geometry of a semi-curved switch is shown in Figure 1 below.



The switch is carried on 12 timbers - dimensions shown on the drawing  
Offset dimensions are shown against each timber.

Switch angle - 1 in 13.24 or 4° 20'. To aid in drawing - the line tangential to the heel cuts stock rail 102mm before the heel H or 38mm from the toe T.



The switch is carried on 13 timbers - dimensions shown on the drawing  
Offset dimensions are shown against each timber.

Switch angle - 1 in 17.84 or 3° 12'. To aid in drawing - the line tangential to the heel cuts stock rail 111.5mm before the heel H or 46mm from the toe T.