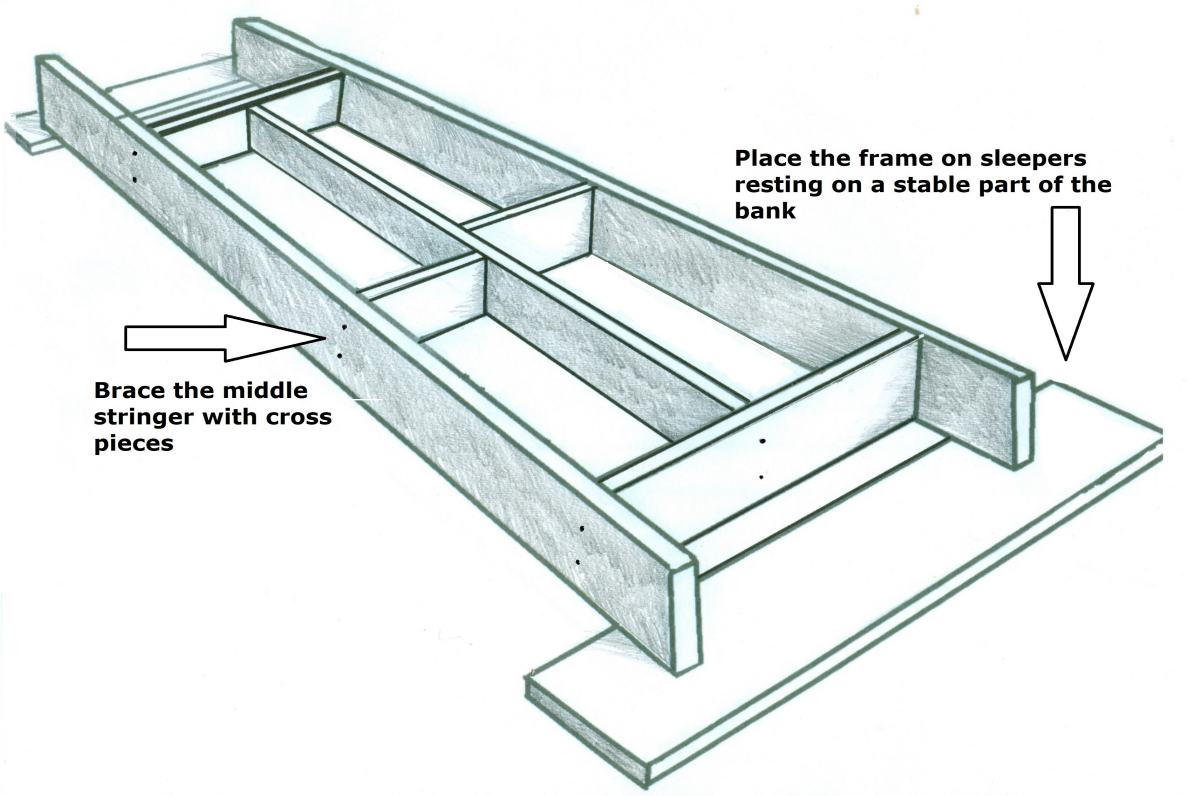
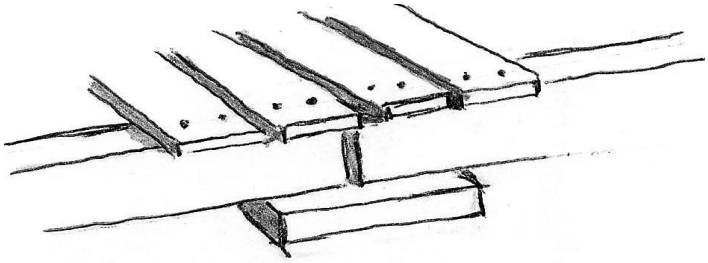
# Appendix 2: Steps, Slopes, Boardwalks and Bridges – Guide Sheets

## 2.4a(i): A Footbridge and Boardwalk using the box step method

A small **footbridge** can be made in the same way as a box step, with sleepers under the ends.

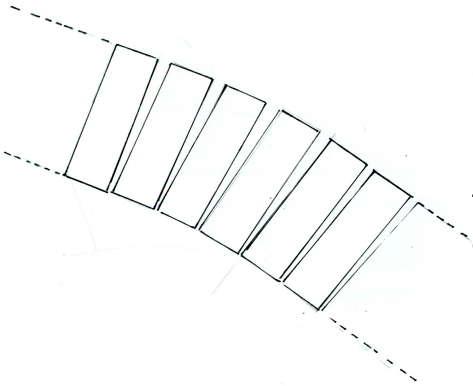



**Boardwalks** can be made in the same way, laid end to end, each end resting on a shared sleeper.

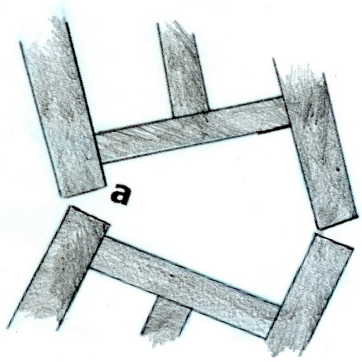


## Appendix 2: Steps, Slopes, Boardwalks and Bridges – Guide Sheets

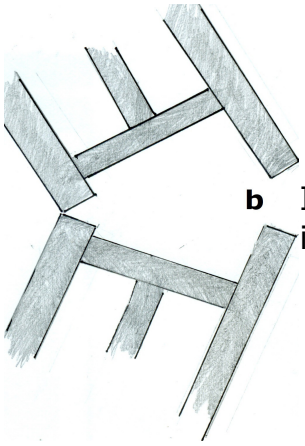
### 2.4a (ii): Footbridge and Boardwalk – Decking a Curve or an Angle



If the angle between two sections of boardwalk is not too severe, the simplest way to deal with it is to fan the decking boards out - close together at the inner end and a little wider apart at the outer end.




It might be possible to create a small angle by sawing off one extension from each frame (a)



**b** If there is a gap (b), a piece of frame timber can fixed across it, standing on a piece of sleeper wood.

For sharper angles an elegant solution is shown here.



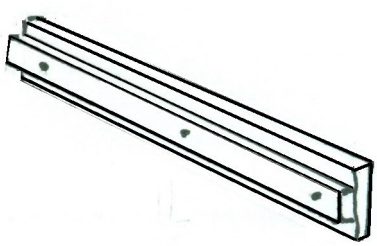
*(continued - see 2.4a (ii): Footbridge and Boardwalk – Decking a Curve or an Angle (continued))*

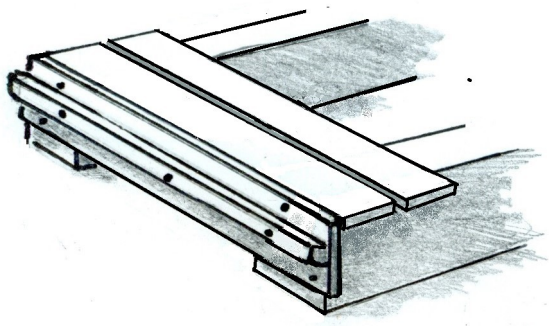
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## Appendix 2: Steps, Slopes, Boardwalks and Bridges – Guide Sheets

### 2.4a (ii): Footbridge and Boardwalk – Decking a Curve or an Angle (continued)

Fasten a strip of wood to a piece of decking to make a bracket.

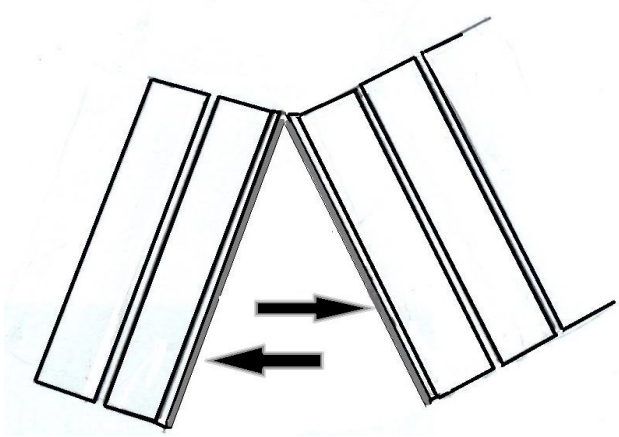


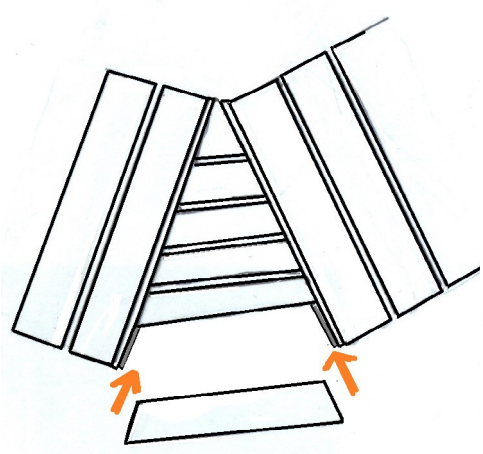


Make two of these and fix them to the ends of the frames. (c,d)

**(c)**

**(d)**

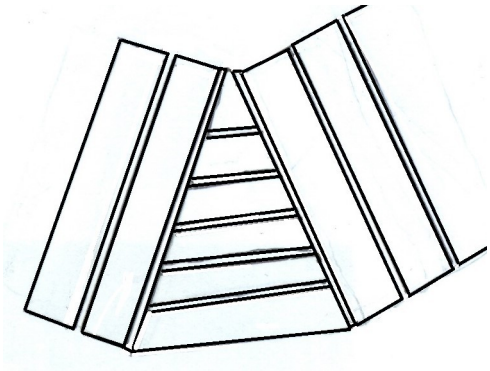




**(e)**

Measure and cut pieces of decking to fit across the space between the frames, supported by the brackets. (e,f)

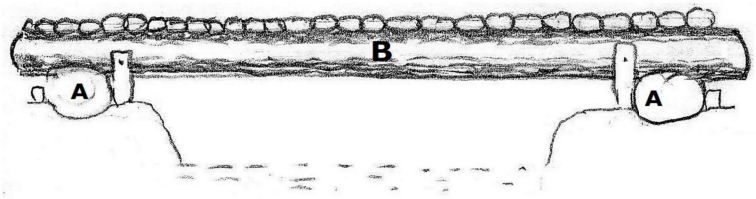
**(f)**



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## Appendix 2: Steps, Slopes, Boardwalks and Bridges – Guide Sheets

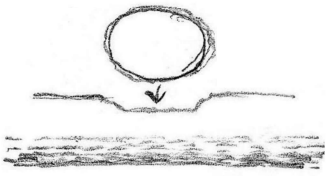
### 2.4b: A Small Bridge With Logs



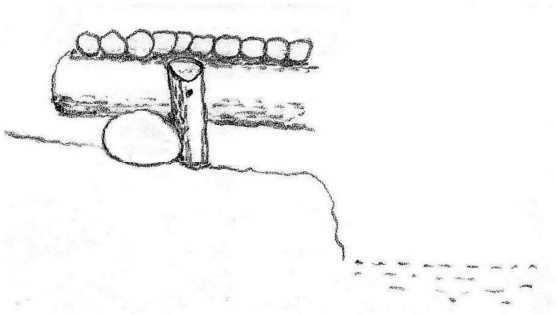

Lay 2 level logs for sleepers (A). Lay 2 long timbers ('stringers') on them to support the decking (B).

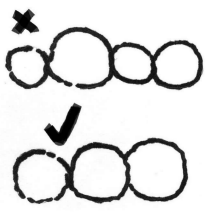
Use stobs to hold the timbers steady. A notch cut into the sleeper can also help with this.



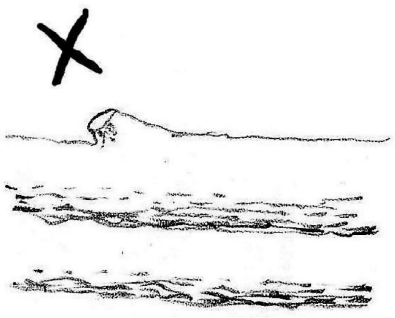


If necessary build steps at the ends to help people get on and off the bridge.





Arrange the decking logs so there are no trip hazards (a), (b). If necessary, graduate them from thinner ones to thicker ones rather than placing a thicker one among the smaller ones (a).



(a)

(b)

See also *2.5b: Working with wood – logs and landscaping*

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