

The procedure for laying out stringers follows on another drawing



length.

STRINGER LAYOUT

To determine how long the 2 X 12 must be, add up all rises (7 1/2" X 3 = 22 1/2) and add up all runs (2 X 10 + 11 1/2 = 31 1/2). Measure from a (2 1/4") to b (3 1/4"). Distance should be approximately 3 3/4".

Converting inches to feet you need 3 3/4' length. Easily cut it from 4'

Stringers should be placed to carry the load on the steps. If the step is 4' long, use 3 stringers on 24" centers. A 3' step can use 2 stringers if the treads are over—hung

unit rise 7 1/2"— is 4' long, use 3 st centers. A 3' step stringers if the treat 4 to 6" each end.

first rise is cut shortby the thickness of the tread. In our example, it is 1 1/2" making this rise 6".

Place your framing square on the 2 X 12 as shown above. Read unit run on the blade (10") and the unit rise on the tongue (7 1/2". Simply repeat this procedure as you add steps. The top step can be measured by inverting the framing square and making the marks with the pencil. In this case adding the 1 1/2" to make up for the door sill overhang (1 1/2").