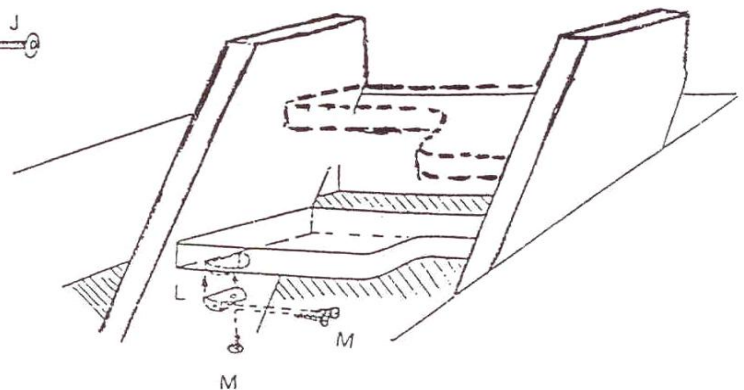
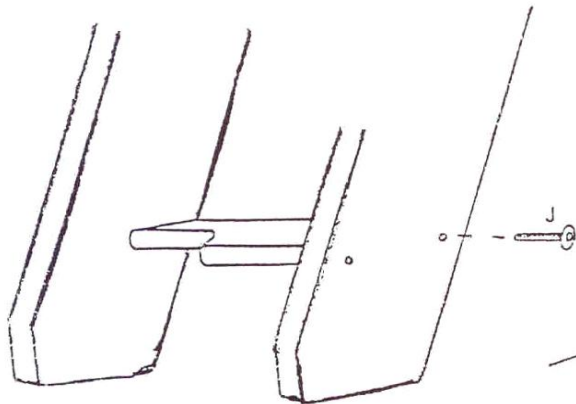
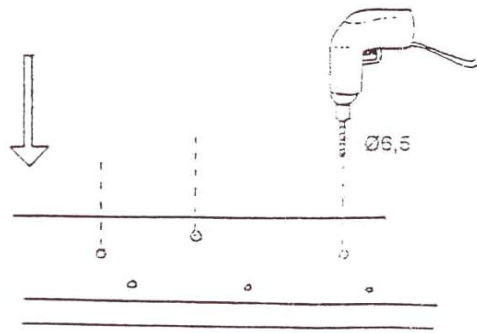
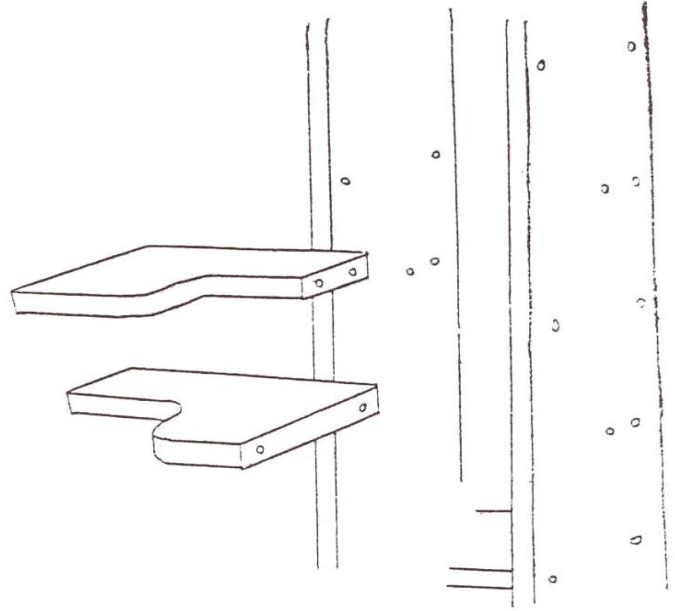
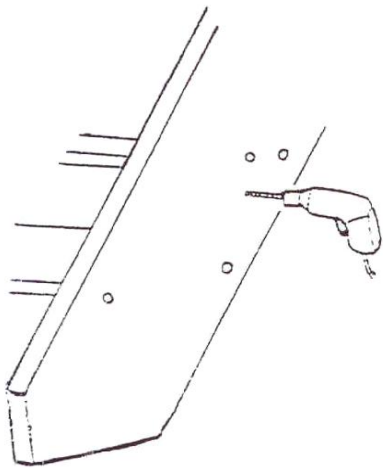
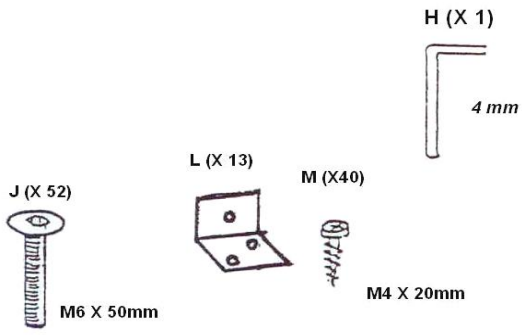
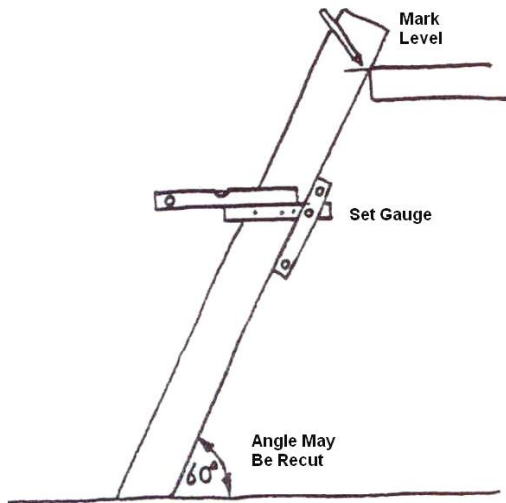


# Bergen Fitting Instructions

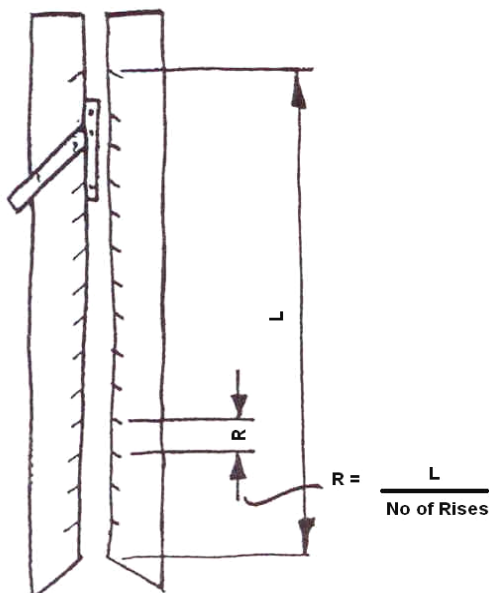


The base of the stair is pre-cut to 60° to simplify installation. This angle may, be re-cut to any preferred angle, however care should be taken not to exceed the criteria of the Building Regulations.

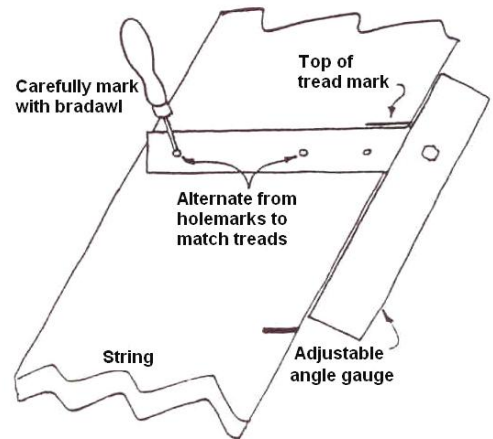
Position one string in the opening at the correct angle and mark off the upper floor level. Whilst in this position set the adjustable angle gauge to the rear of the string and the horizontal.



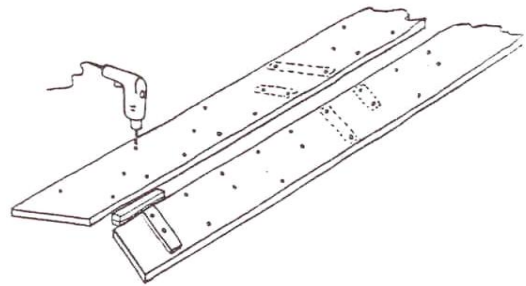
Lay both strings back to back on the floor. Divide the sloping length of the string by the number of rises and lightly mark the top of each tread position equally on both strings.



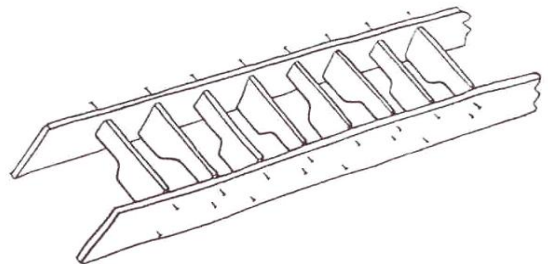
Position the pre-set angle gauge with its top edge on the upper floor level mark, and using a bradawl or nail, carefully mark the rear hole position, and one only of the two front holes.



Continue down both strings, marking all the rear holes and alternate front holes to match the alternating tread locations. Accurately drill all holes using a sharp 6.5mm diameter drill.



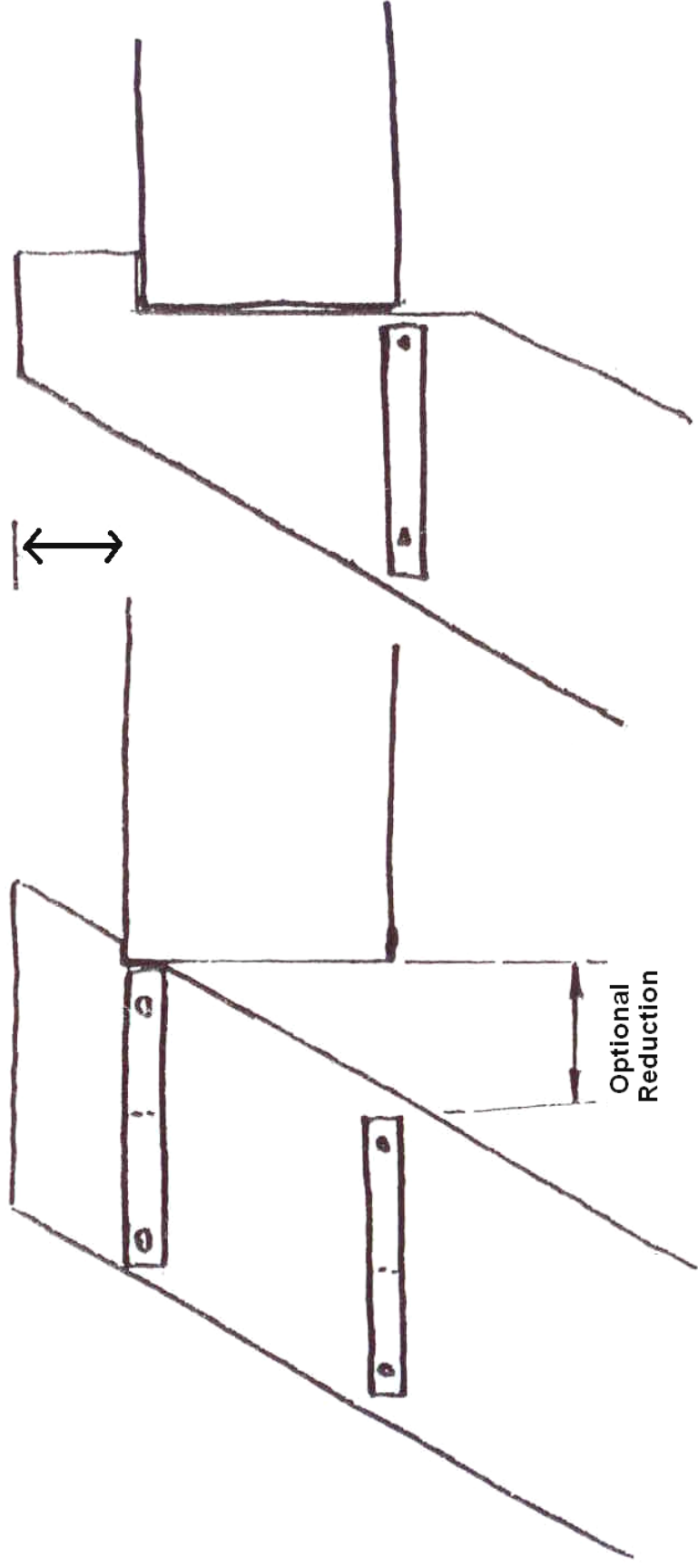
Loosely locate all the treads with the screws engaged and then tighten evenly along the stair.



Screw the angle brackets under the centre position of the wide part of the tread. (One screw in tread, two in string.)



## Cut String At Skirting Height



The stair is normally installed with upper tread at floor level. However if increased headroom is necessary, the the last tread may be omitted as on traditional stairs. This enables the string to be fitted closer to the upper floor joist. The overall going is thus reduced by one tread going and the headroom is correspondingly increased.

# Rise & Going Chart

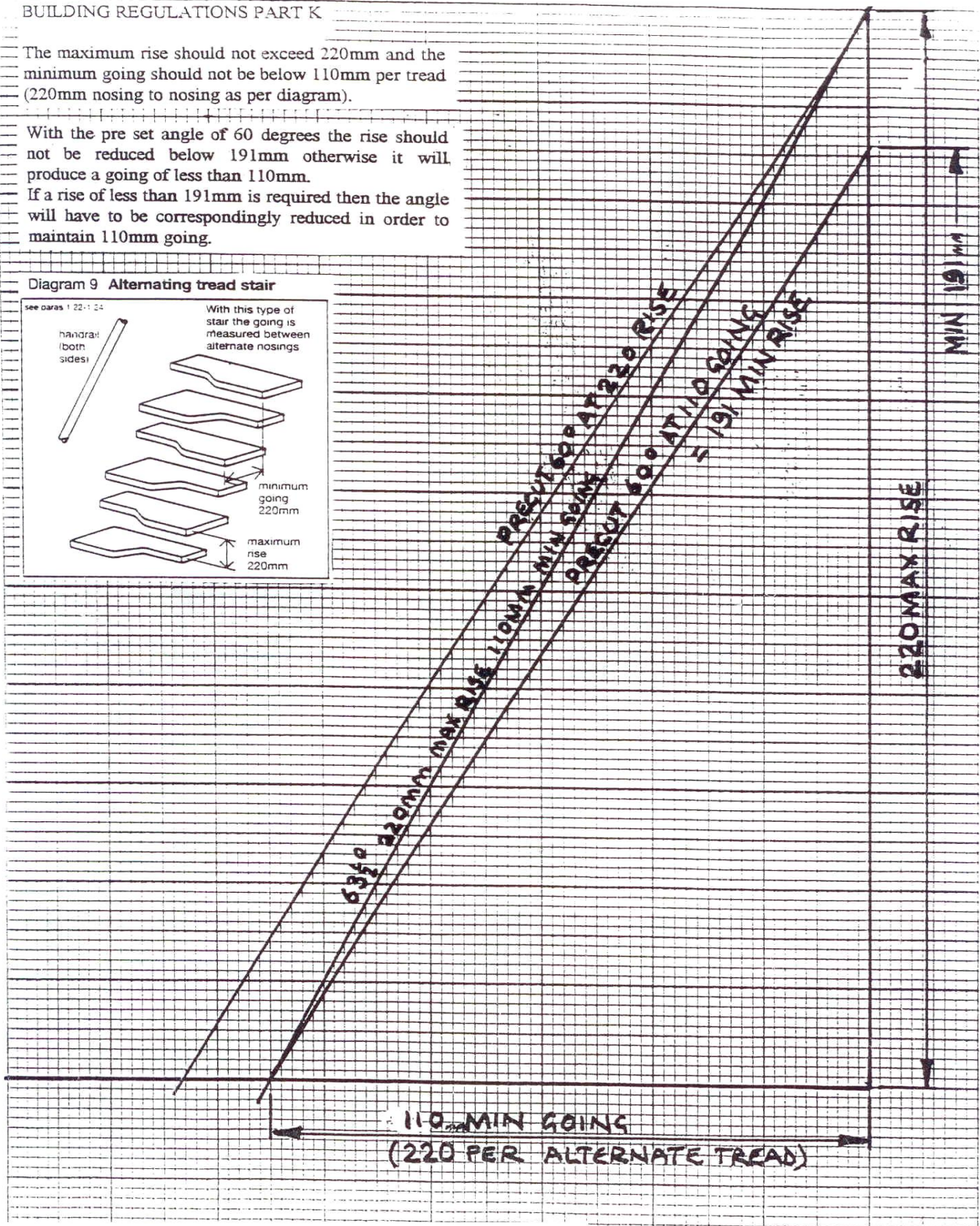
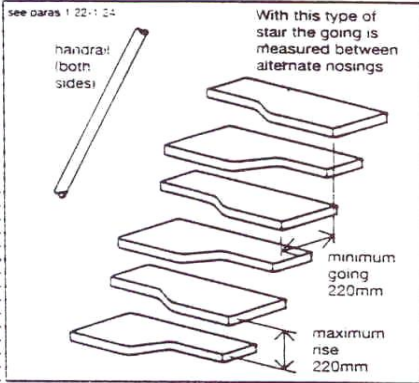
## BUILDING REGULATIONS PART K

The maximum rise should not exceed 220mm and the minimum going should not be below 110mm per tread (220mm nosing to nosing as per diagram).

With the pre set angle of 60 degrees the rise should not be reduced below 191mm otherwise it will produce a going of less than 110mm.

If a rise of less than 191mm is required then the angle will have to be correspondingly reduced in order to maintain 110mm going.

Diagram 9 Alternating tread stair



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