This invention relates to mason's implements, and more particularly to an improved guide line holder especially adapted for use in aligning bricks laid between the frieze members of the gable of a brick veneer building.

A main object of the invention is to provide a novel and improved line holding device for use in aligning the courses of bricks laid between frieze elements of a gabled building, the improved holding device being simple in construction, being easy to mount on a frieze element, and providing a dependable means for securing the end of a guide line thereto.

A further object of the invention is to provide an improved line holding clamp for use in laying bricks on gabled buildings, said line holding element being inexpensive to manufacture, being durable in construction, and being reversible so that the same line holding device may be employed on either side of the gable in which the bricks are to be laid.

Further objects and advantages of the invention will become apparent from the following description and claims, and from the accompanying drawings, wherein:

Figure 1 is an elevational view of an improved guide line holder according to the present invention.

Figure 2 is a top view of the guide line holder of Figure 1.

Figure 3 is a front elevational view of a gable of a building under construction showing the manner in which the guide line holders of the present invention are employed to support a guide line between the frieze elements of a gable.

Referring to the drawings, 11 generally designates the gable of a building under construction, said gable including the upwardly converging frieze boards 12, 12, between the horizontal courses of bricks 13 are to be laid. In previous methods of laying the bricks, it was necessary to draw or inscribe horizontal guide lines between the frieze boards on the inner surface of the wall against which the bricks 13 were to be laid for proper spacing. Then a brick lead was built by the use of a plumb guide line and level, to which the guide line was attached which involved a laborious and time-consuming procedure.

In accordance with the present invention, a guide line 14 is employed, said guide line being held in horizontal position successively by means of a pair of clamp devices 15, 15 engaged with the inner marginal portions of the opposite frieze boards 12, 12 in the manner shown in Figure 3, the frieze boards being marked or otherwise suitably inscribed with the spaced positioning marks 16 which are located respectively at the levels of the respective horizontal courses of bricks 13.

Each line holder 15 comprises a plate member 17 which is generally T-shaped and which is formed at its opposite sides with respective inclined fingers 18, 18, as by slitting the plate at 19, 19, said fingers being bent at acute angles to the plane of the plate 17 to define respective notches 20 adapted to receive and frictionally hold the end portion of a guide line 14. As will be apparent from Figure 2, the fingers 18 converge toward the left end of the plate member 17, as viewed in Figures 1 and 2, whereby each notch 20 is adapted to receive and frictionally hold the end portion of a guide line 14 extending to the left from the holding clamp member 15, as viewed in Figure 1.

The right end portion of the plate member 17 is formed with a pair of parallel slits 21, 21, said slits being parallel to and being symmetrically spaced on opposite sides of the longitudinal center line of the plate member, and defining a center tab member 22 which is bent rearwardly away from the plane of the plate member 17, and which is formed with the offset parallel portion 23 located in a plane parallel to and spaced rearwardly from the plane of the plate member 17. Threadedly engaged through the offset portion 23 is the clamping screw 24 which is provided at its inner end with the shoe element 25 and at its outer end with the wing elements 26, 26.

In using the device, the frieze board 12 is engaged between the offset tab element 23 and the respective fingers 27, 27 defined at the opposite sides of the plate member 17 outwardly adjacent the respective slits 21, 21, and the clamping screw 24 is tightened, whereby the frieze board is gripped between the shoe element 25 and the fingers 27, 27. A holder 15 is engaged on each frieze board 12, as shown in Figure 3, the holders being located at horizontally aligned markings 16, as illustrated in Figure 3.

The line 14 is then secured on the holders 15, 15 by engaging the end portions of the line through the respective notches 20 defined at the lower portions of the holders 15 by the lower fingers 18, as viewed in Figure 3. The notches 20 at the lower portions of the holders may, as illustrated in Figure 3, be aligned with a first set of markings 16, and the holder may be suitably dimensioned so that the upper notches 20 will be in alignment with the next set of guide markings 16, depending on the pitch of the gable, whereby the lower notches may be employed to hold the cord 14 to provide a guide means for laying a first course of bricks 13, and the upper notches may be employed to hold the cord 14 to provide a guide means for laying the next horizontal course of bricks, whereby two horizontal courses of bricks may be laid before requiring the repositioning of the cord holding members 15, 15.

Obviously, since the holders 15 are symmetrical around their longitudinal center lines, said holders may be employed on either side of the gable with equal effectiveness, since to transfer a holder from one side of the gable to the other it is merely necessary to reverse the position of the holder.

While a specific embodiment of an improved mason's guide line holder for use in aligning brick courses between the frieze boards of a gable has been disclosed in the foregoing description, it will be understood that various modifications within the spirit of the invention may occur to those skilled in the art. Therefore, it is intended that no limitations be placed on the invention except as defined by the scope of the appended claims.

What is claimed is:

1. A mason's guide line holder for use in aligning brick courses between the frieze boards of a gable comprising a vertical plate member having horizontal top and bottom edges and vertical and marginal ends, a finger projecting from one horizontal edge of said plate member adjacent one vertical end marginal portion and defining a notch therewith adapted to receive and frictionally hold a guide line, a pair of spaced parallel fingers on the other vertical end marginal portion of said plate member, an arm on said other marginal portion located between and being parallel to and laterally offset from said fingers, whereby said arm and said fingers may be
engaged on opposite sides of a frieze board, and an adjustable clamp element carried by said arm and being clampingly engageable with the frieze board.

2. A mason's guide line holder for use in aligning brick courses between the frieze boards of a gable comprising a plate member having horizontal top and bottom edges and vertical end marginal portions, a finger projecting from one horizontal edge of said plate member at one end of the plate member and defining a notch therewith converging toward said one end and being adapted to receive and frictionally hold a guide line, a pair of spaced parallel fingers on the other end of said plate member, an arm on said other end located between and being parallel to and laterally offset from said fingers, whereby said arm and said fingers may be engaged on opposite sides of a frieze board, and a clamping screw carried by said arm and being clampingly engageable with the frieze board.

3. A mason's guide line holder for use in aligning brick courses between the frieze boards of a gable comprising a plate member having horizontal top and bottom edges and vertical end marginal portions, respective fingers projecting from the opposite horizontal edges of said plate member at one end of the plate member and defining respective notches therewith converging toward said one end and being adapted to receive and frictionally hold a guide line, a pair of spaced parallel fingers on the other end of said plate member, an arm on said other end located between and being in a plane parallel to and spaced from the plane of said fingers, whereby said arm and said fingers may be engaged on opposite sides of a frieze board, and a clamping screw carried by said arm and being clampingly engageable with the frieze board.

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