

1937

EC1478 Covered Feed Troughs for Pullets and Turkeys

J. H. Claybaugh

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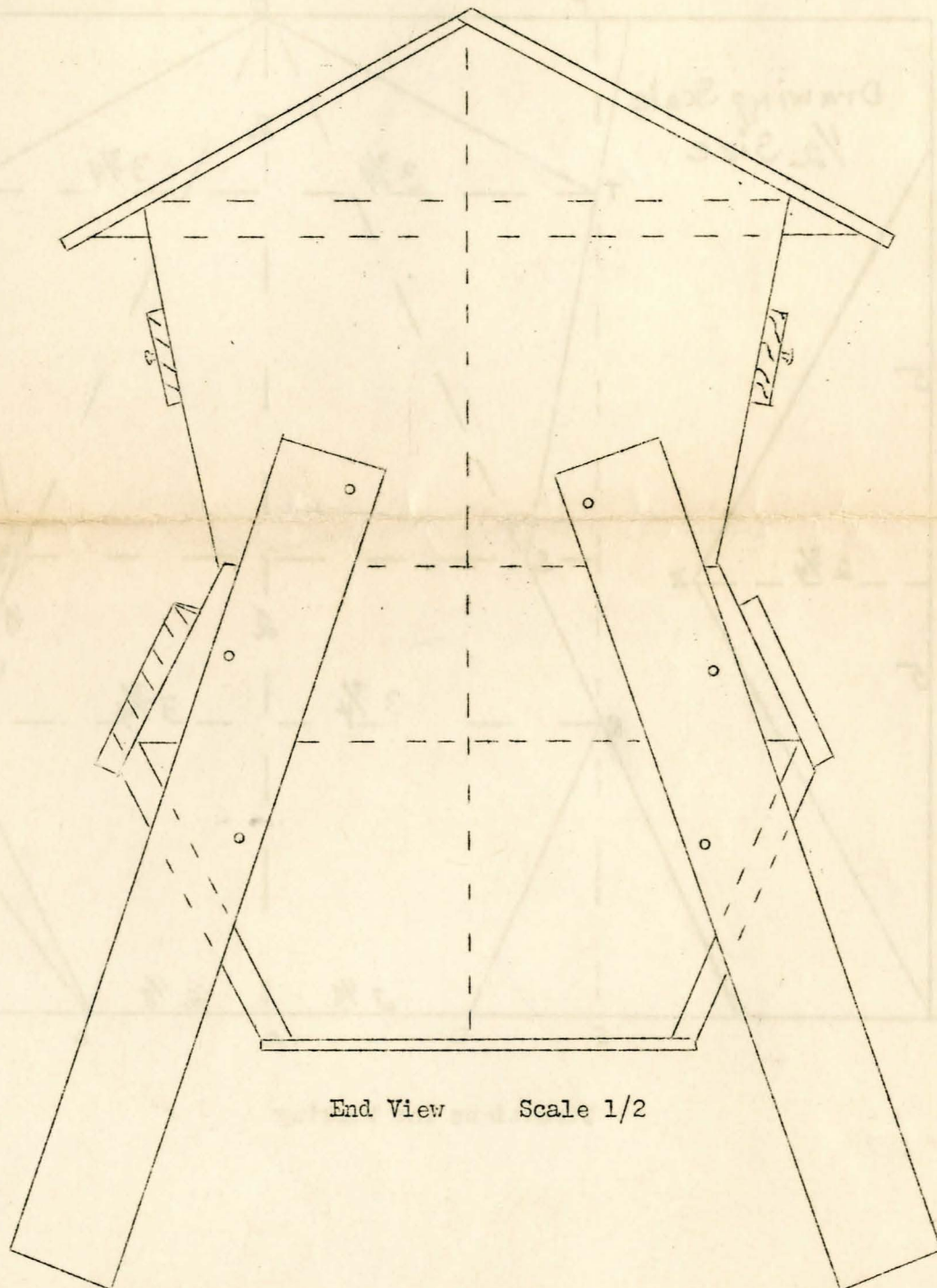
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1937

Nebraska
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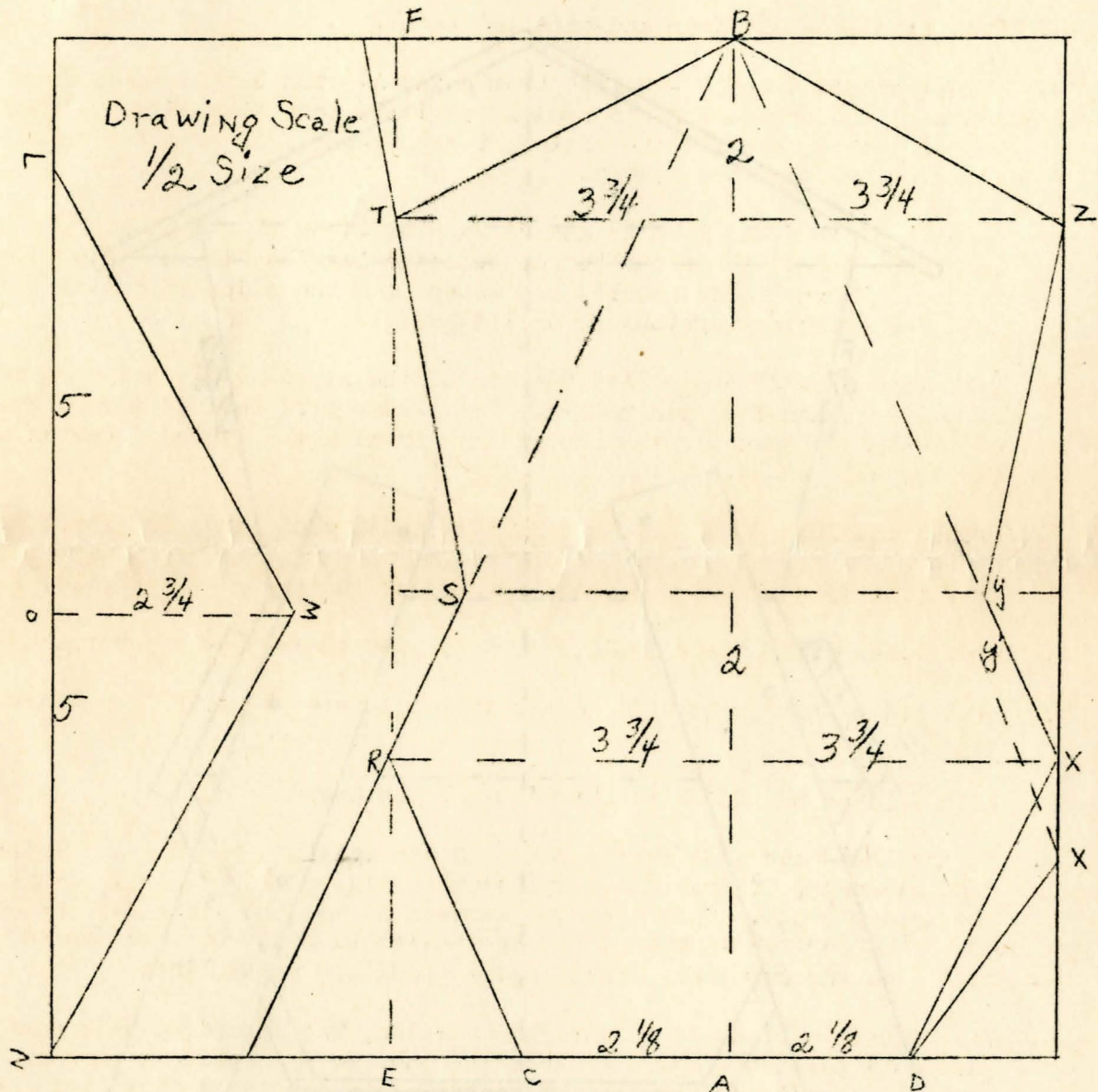
Extension
Circular
1478

Covered Feed Troughs for Pullets and Turkeys
By J. H. Claybaugh



End View Scale 1/2

The Nebraska Cap Covered Feed Trough for
Pullets and Turkey Poults



Directions for Marking

To mark out the ends for a covered pullet or poult feed trough, proceed as follows:

1. Select end boards from boxes such as used for packing oranges or lemons.
2. Draw line A and B parallel to the grain of the wood and $3\frac{3}{4}$ " from the right-hand edge.
3. Draw line EF - $3\frac{3}{4}$ " from and parallel to AB.
4. Locate points C and D - $2\frac{1}{8}$ " from point A. The boards taken from the sides of the orange box are usually a little less than 5" wide. Such boards can be used for the bottom of the feeder with room for nailing to the side walls of the feeder.
5. Locate points X and R or Y' and R' so that lines DX and CR are the same length as the width of the boards selected for the side walls of the feeder. These boards usually are taken from the sides of crates such as used for shipping vegetables, as lettuce.
6. Draw line SY - 2" above RX. The top of the slanting lip board represented by points S and Y should not make the feeder more than 5" deep. The width of the boards used for the lips will vary with the width of boards used for the side walls.
7. Draw lines from R and X toward point B until such lines intersect line SY.
8. Draw line TZ - 2" below point B and across the grain of the wood.
9. Draw lines from points T and Z to B to give slope to the cover cap.
10. Draw lines from T and Z to points that intersect lines SY and lines XB and RB.
11. Extend lines ST and SR to the edges of the board.
12. On the left-hand side of the board locate points L and N - 10" apart and from mid-point O, draw the perpendicular line OM - $2\frac{3}{4}$ " long. Complete the triangle LMN. This triangle is used as the end piece for the cover cap. Boards from an orange box are nailed to these to make the cover.
13. Nail 2 boards together before sawing along the solid lines.
14. The feeders will stand in upright position, but should be made more secure by nailing a board against the ends or by nailing 4 legs in spreading position onto the end boards. The length of these legs are determined by the size of the birds using the feeder. The top of the lip must be elevated above the vent of the birds.
15. To prevent chicks from crawling into the feeders, one inch strips are nailed to the sides high enough above the points S and Y to leave the proper head room for the size of birds being fed.

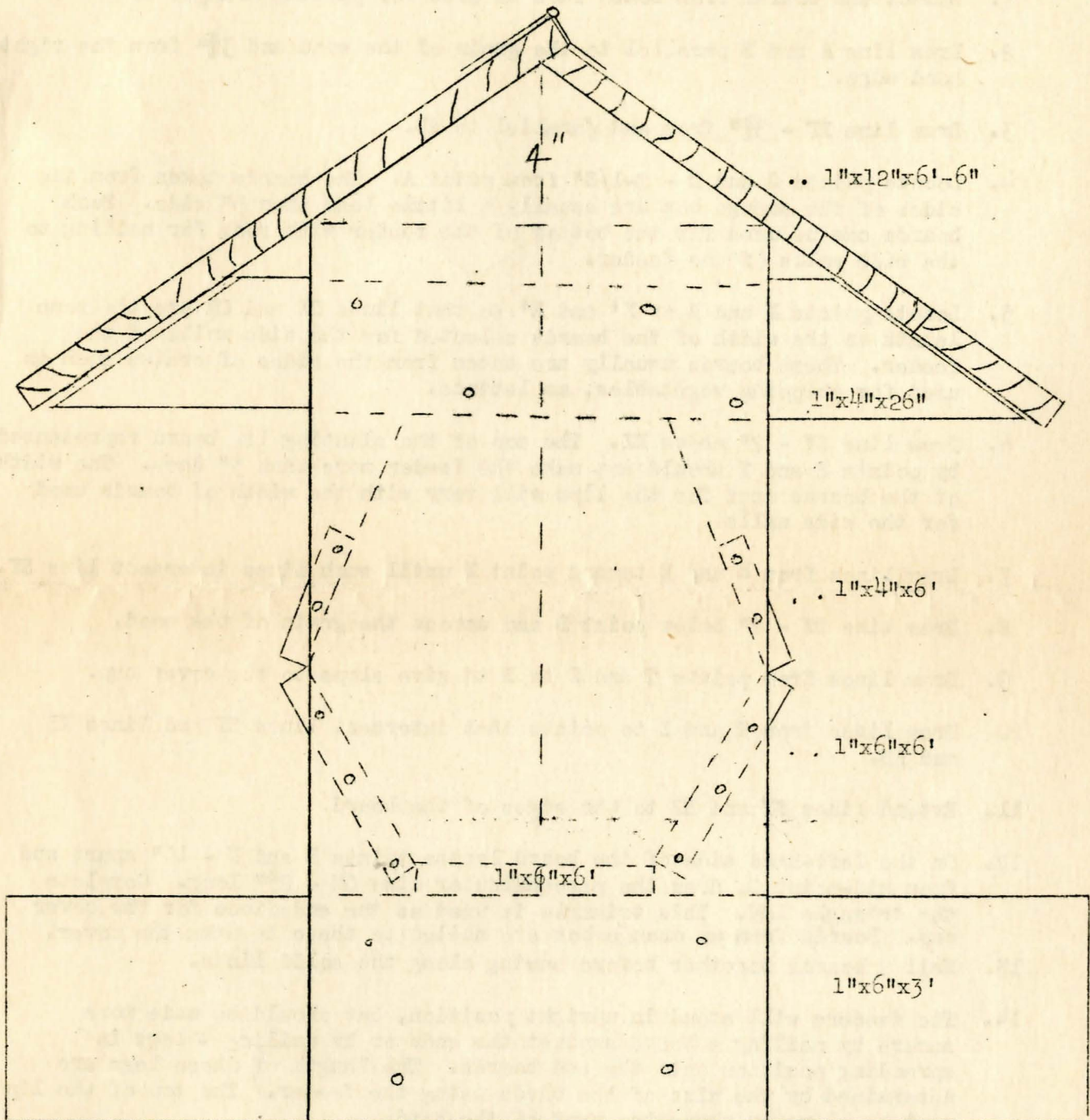
Many of the tin feed troughs now being used for feeding pullets would be greatly improved by adding these wooden ends, cover caps, and elevating the troughs as suggested.

Feed Trough for Adult Turkeys

End View.

Scale $\frac{1}{2}$.

Size 27" high & 6' long.



Bill of Material

Ends 2(1"x12"x27") and 2(1"x12"x12")
 End supports 2(1"x6"x3')
 Bottom 1"x6"x63'
 Sides 2(1"x6"x6')
 Lips 2(1"x4"x6')
 Top 2(1"x12"x6'-4") and 2(1"x4"x6'4")
 Top Supports 1"x4"x39"
 2(3" hinges)