Gambrel Roof Rafter Framing - Self Supporting Braced Rafter in Widths from 18' to 40'
Shawver Truss with Purlin Plates and Ridge Pole

Pitch = Rise / Run Span
Lower Rafter has 2' rise to 1' run.
Upper Rafter - 1' rise to 2' run.
To find length of rafter take points 2' from corner of square on blade and 1' on tongue and measure as shown at left, until full run is taken up.
Each square represents one square foot.
All sets of rafters have same pitch.
Rise and run can be found by counting squares or half squares.

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Gambrel Roof Rafter Framing
Scale 1/10" = 1'
Drawn by June 1932