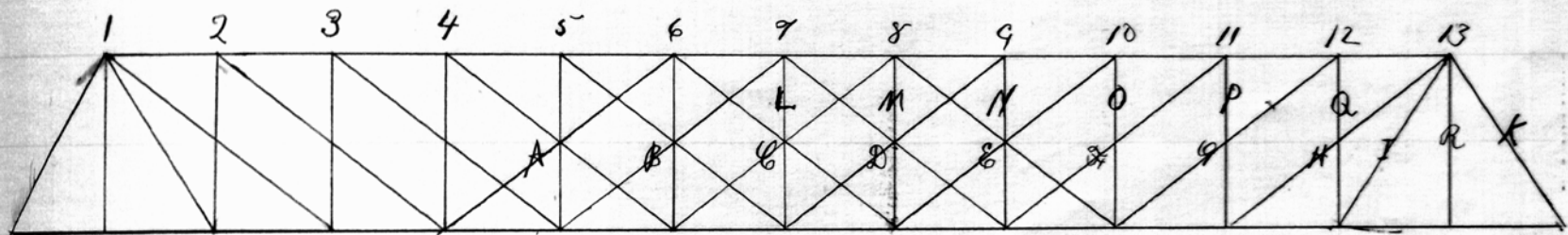


together. To do this I suppose  
 a train to be moving across  
 the truss from left to  
 right, and since the diagonals  
 are in tension, the maximum  
 strain in any diagonal  
 occurs when the load  
 rests on each apex between  
 it and the abutment from  
 which it slopes upwards



Hence we have for the diagonals  
 Engine at 4, stress on A =  $\left(\frac{4w'' + 2w'}{14} - w\right) \cdot 1.44 = 9842$   
 .. .. 5 .. .. B =  $\left(\frac{5w'' + 4w'}{14} - \frac{w}{2}\right) \cdot 1.44 = 25617$