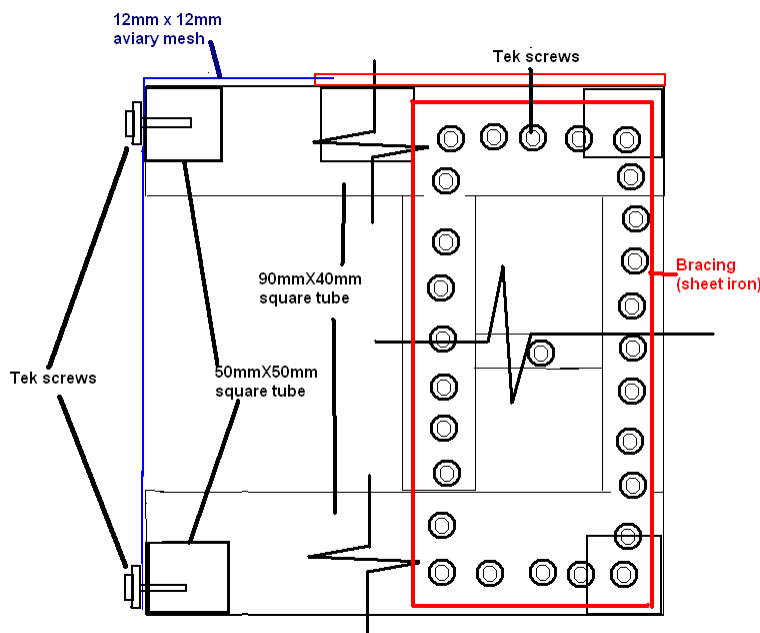
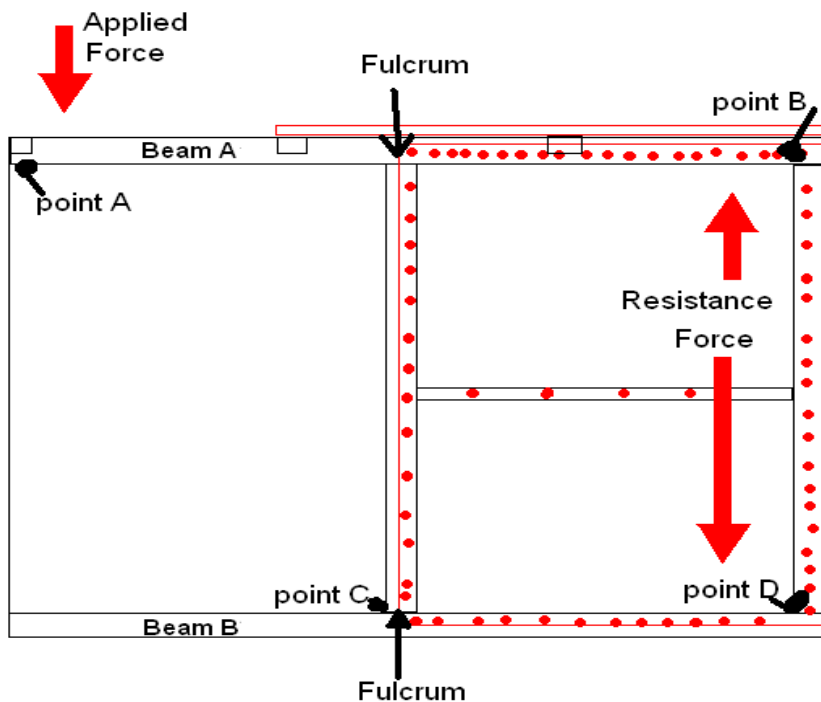


MY AVIARY...A CONTINUATION

Following Matthew Russell's article in last month's magazine several queries have been received about the method of construction. Matthew has kindly supplied the following additional information:



The aviary design is quite simple, in principal it is all to do with transference of force, the force exerted on the structure by the weight of the 12mm x 12mm aviary mesh. At point A (the force of the aviary) is normally absorbed by an upright column at that point. I chose to take that column out because I needed to absorb that force at a different point in the structure. That is where I have applied a resistance to this force using a sheet of iron in much the same way the back on a cupboard braces up the cupboard stopping it from collapsing.

The applied force at point A is absorbed by the resistance force in the sheet iron between points B and D. My aviary is self-supporting, at no point is it concreted to the ground. That is where beam A comes in, it is the same size as beam B which is carrying the weight of all the wire.

So why dose it need to be the same size? After all it is just sitting on the ground. It is actually stopping the aviary from falling forwards under the force at point A. Without this beam the aviary will simply collapse tipping forwards at point C.

Q: Does thunder addle eggs? **A:** No, but lightning may scare a hen off the nest at night and the eggs chill and loose viability.