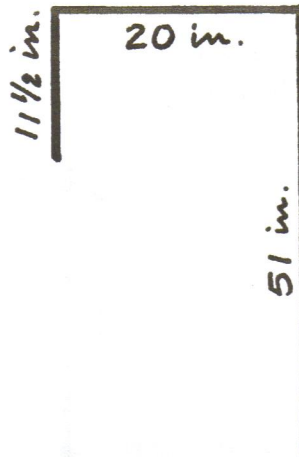


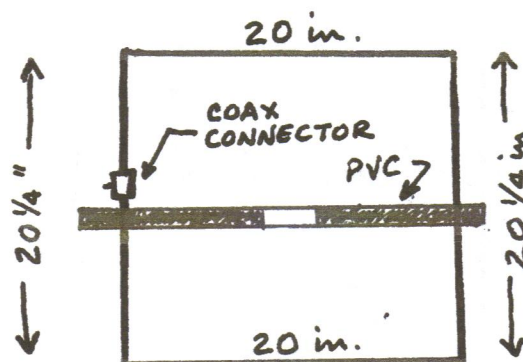


## To form the Driven Element:

1. Cut an  $82\frac{1}{2}$  inch length of #10 wire from the spool.
2. Measure  $11\frac{1}{2}$  inches from one end and bend  $90^\circ$ .
3. From this bend, measure another 20 inches and bend  $90^\circ$  again so that your wire looks like this:

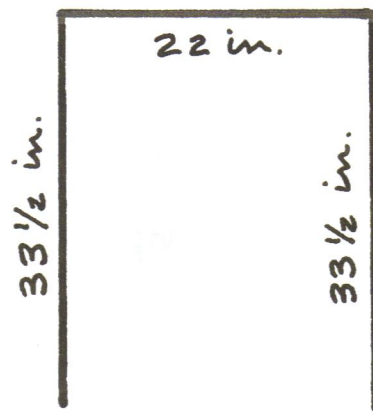


4. Push the two ends through the holes in the 10" pieces of PVC and bend the long end so that the ends come together to form a rectangle.
5. The two ends will overlap right where the  $11\frac{1}{2}$  inch leg comes through the PVC. Solder the ends to each side of the coax connector so that the length of this side is  $20\frac{1}{4}$  inches (same as opposite side).



## To form the Reflector:

1. Cut an 89 inch length of #10 wire from the spool.
2. Measure 33.5 inches from one end and bend 90°.
3. From this bend, measure another 22 inches and bend 90° again so that your wire looks like this:



4. Push the two ends through the holes in the 11" pieces of PVC and bend each end so that the ends come together to form a rectangle.
5. Overlap the two ends and solder together so that this length is 22 inches (same as opposite side).

