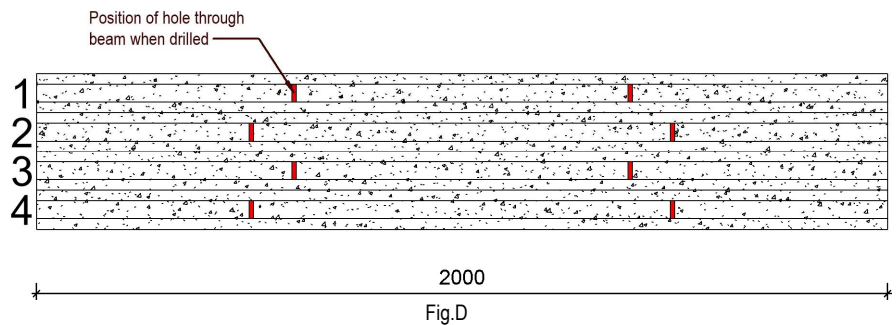
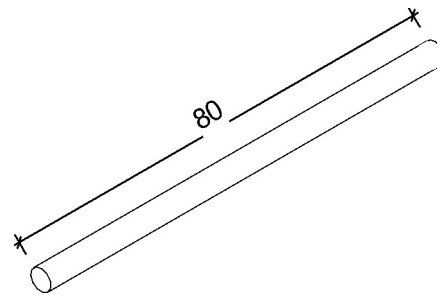




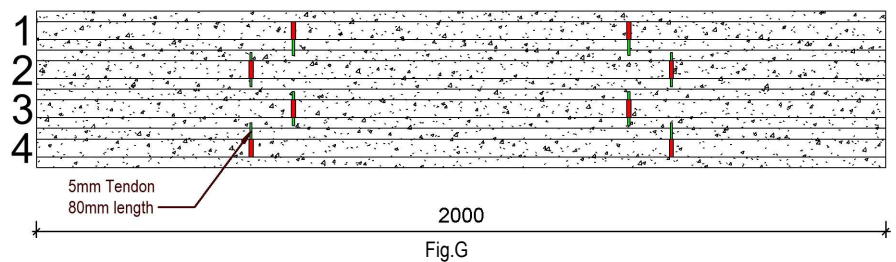
When drilling is completed the positions of the holes should be as shown in Fig.D when viewed in plan.



A tendon measuring 80mm in length, with a diameter of 5mm, will be needed for each of the holes drilled. These are cut from the excess wire from the casting process and should be supplied with the beams. If they are not, as a quick fix offcuts of A142mm mesh can be used in its place.



When the beams are in position the wire (shown in green in Fig.G) should be slotted into the drilled holes. Beams 2 & 3 should have the wire located centrally with equal overhang from each side, beams 1 & 4 should have the wire overhanging 40mm into the channels, as a block will be sitting on each of the outer shoulders. Refer to Fig.A for a section view of the wires in place with blocks in place.



With the tendons in place, concrete should be poured into the channels flowing through the holes drilled, creating composite action. When the concrete has cured the load the beams are required to support can be applied.