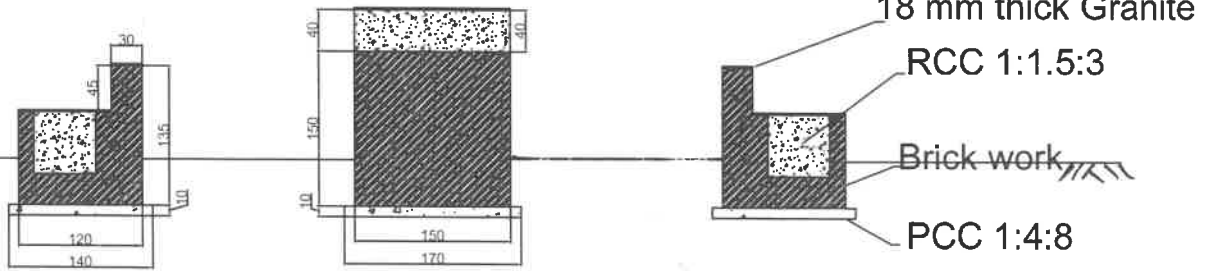
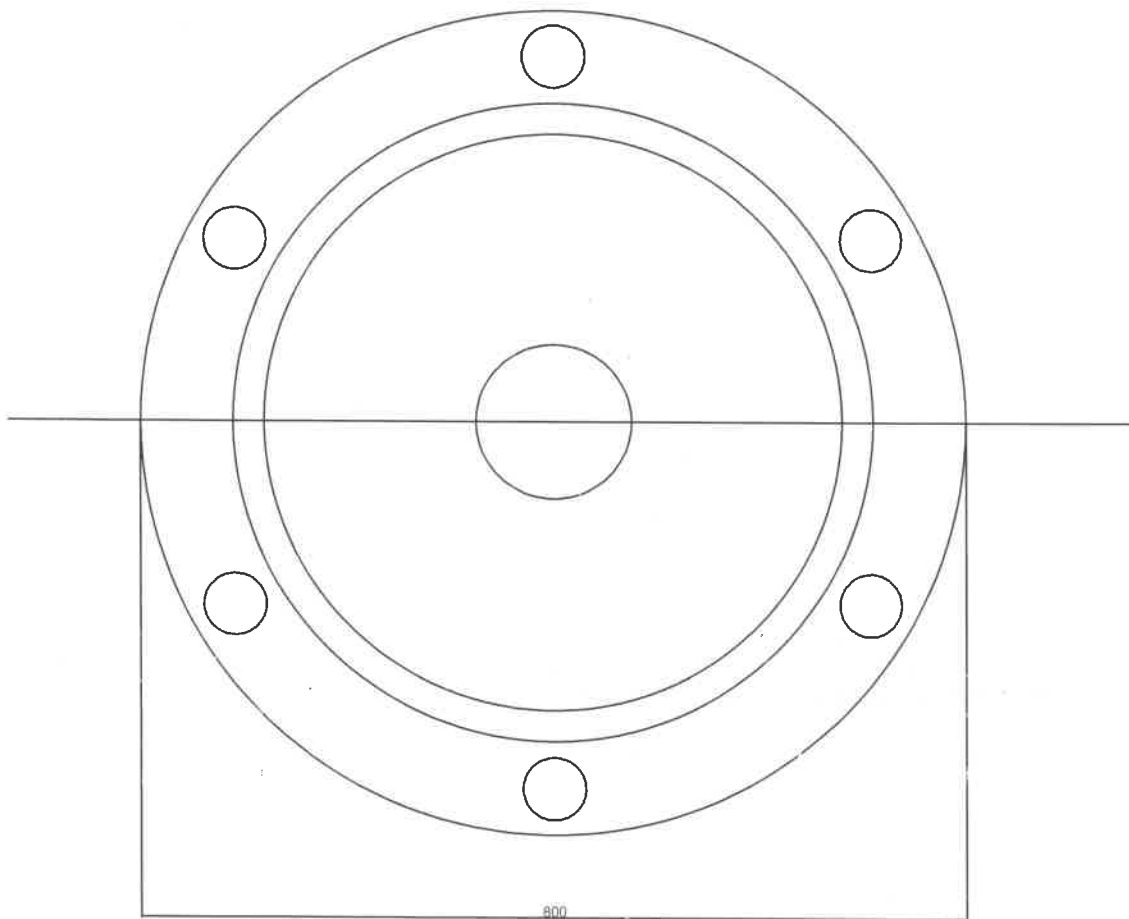




Gr.L.



SECTION AA



PLAN

Name of work: Making fibre made six sports sculptures, one Globe with IISER Emblem, granite paved base etc. near Indoor Stadium at IISER campus Thiruvananthapuram

Making process									
<p>In the making process of fiber casting statues, the artisan have to creat a claymould suitable for modeling, the artisan starts shaping the clay into an idol with hands, and details are given using a spatula set. The fiber resin mix to be poured into the mold. For making this resin mixture, firstly mixes resin and chalk powder using a paddle mixer. Once blended to an appropriate density, fiber liquid is added to it. Shifting a small quantity of this into another container, adds hardener, which makes the casting tight and strong.</p>									
<p>The mixture of resin, chalk powder, and hardener is then poured into the rubber mold(if necessary) with POP mold supporting the outer part. After the mixture dries up, the external POP cover is opened and the rubber mold is removed to have a solid statue. Using a die grinder, the extra parts on this statue are ground, followed by resin and hardener mix application over holes and cracks that usually appear on a casted structure. After covering these areas, the artisan smoothens the surface with sandpaper. As a final step, this largely finished structure is then painted.</p>									