

four men will be saved by its introduction.

The previous method of watering was by 12½ h.p. diesel-driven pump taking water from a stream with rubber hoses and sprinklers which had to be moved manually. An attempt had been made to water the greens during the night to avoid inconveniencing the golfers during the day, but this brought complaints about the noise of the engine.

The system automatically waters the greens according to a pre-determined programme set upon an electric sequence controller in the greenkeeper's office. Provision has been made for the inclusion of tee watering at a later date.

The head greenkeeper can plan a programme which will water all or some of the greens with the amount of water each one requires, and the frequency of watering can be varied from every night to once a week. Operation of the pump is also automatic, although manual operation is available for special requirements. Twelve thousand yards of rigid PVC underground mains and 5,500 yards of electric cable were used for the scheme.

Water is now taken from the edge of a lake on the course, the source of water being higher than the pump, whereas formerly it had to be lifted 6 ft from the stream. This has allowed the use of a 5 h.p. electrically-driven centrifugal flooded suction pump for distributing water to the greens.

Round the perimeter of each green are four "pop-up" sprinklers operating simultaneously through a remotely-controlled valve.

The cylindrical sprinklers are installed in the turf with their flat tops slightly below ground level to allow maintenance operations to be carried out without interference. When water is switched on, pressure raises the sprinklers which each apply water to a pre-determined segment of the green. When the water is turned off, the sprinklers drop back into the ground.

Thus, precise, regular watering will benefit the greens at Handsworth and the staff will be free to attend to other tasks. Watering will take place at night so that club members are not inconvenienced on the course, and the quiet electric pump will not disturb neighbours.

A HEAD GROUNDSMAN

required

IN PETERBOROUGH

He will be responsible to the General Secretary of the Sports Club for the administration of seventeen acres of Sports Ground including two cricket pitches, three hard tennis courts, one hockey and one rugby pitch, two football pitches and two bowling greens.

He will have two groundsmen to assist him in his duties. Attractive wages and conditions of employment will be given for this appointment.

Applications should be sent to—
K. J. GERRARD, Personnel Manager,



BAKER PERKINS LIMITED

Westwood Works, Peterborough