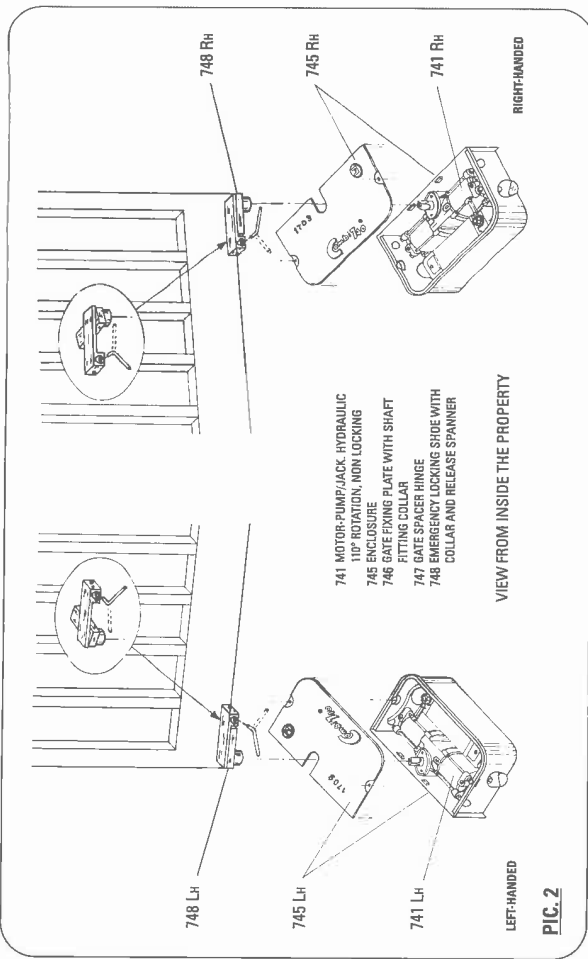


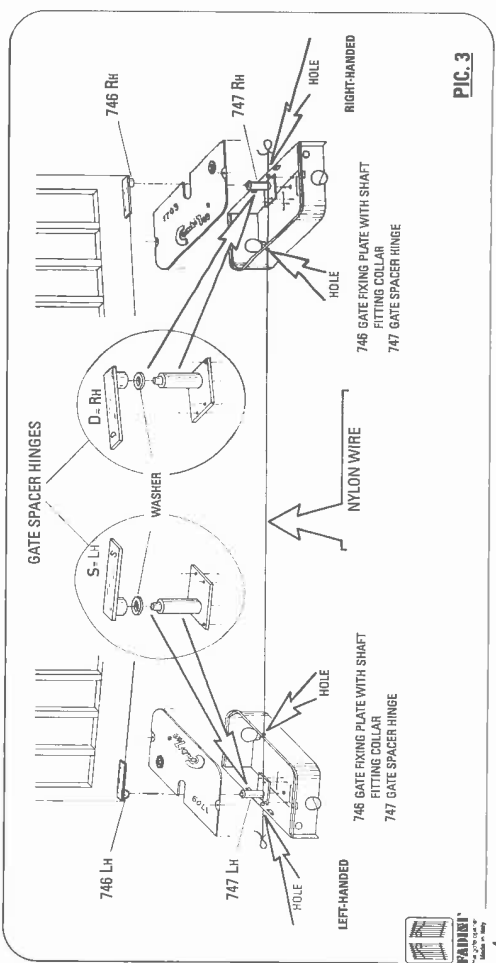
INSTRUCTIONS FOR THE INSTALLATION OF COMBI 740, ELECTRO-HYDRAULIC; BELOW GROUND, ALL-IN-ONE, WITH ANTI-CRUSH SYSTEM.

It is recommended to keep to these instructions to install the equipment in the correct way to get a perfect working system. Electro-hydraulic operator consisting of a jack combined to a motor pump unit for the operation of swinging gates. All-in-one in a specially designed enclosure to be sunk in the ground under the gates as shown in picture No. 2.



Pre-arrangements are possible in the case that the mechanism is installed at a later stage after mounting the gate and finishing the pavement. You will have to set the enclosure and fit the special gate spacer hinge which is designed to temporarily replace the mechanism. Picture No. 3.

The two enclosures must be perfectly aligned one opposite the other. The simple operation described below will ensure this: a nylon wire must pass through the centres of the holes which are factory made in the enclosures to this purpose. Picture No. 3.



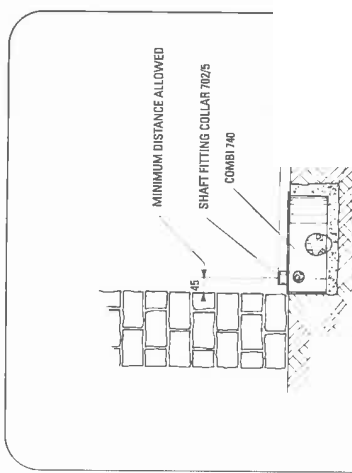
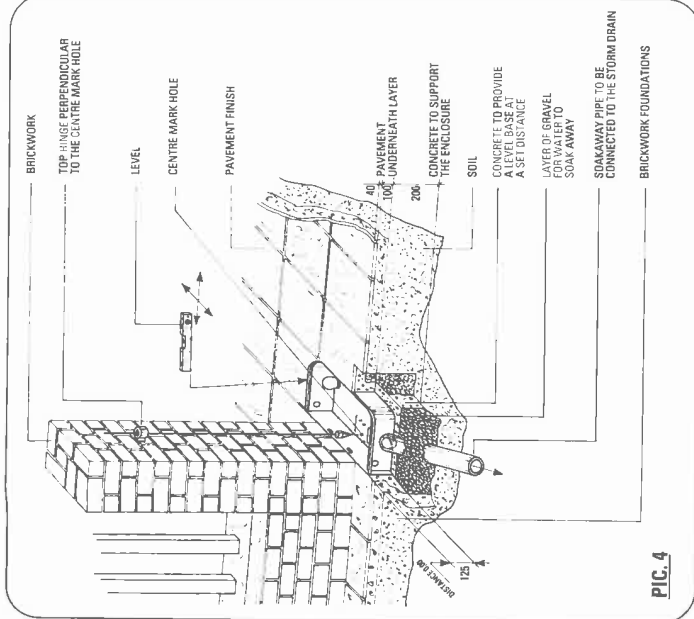
First of all make sure that the gates are adequate to take the mechanism inspect all the critical parts and see if they need reinforcement or adjustment, specially those parts which are most subject to friction such as the upper hinge. Picture 4.

Dig a hole in the ground close to the gate post (dimensions as indicated in picture No. 5) and lay the enclosure in it perfectly horizontal with the help of a level. The upper edge of the enclosure must be levelled with the pavement finish. Picture No. 7.

Important: the centre line of the gate hinges must coincide with the centre of the hole in the bottom of the enclosure to provide a reference mark for alignment. Suitable holes are also provided in the enclosure for the electric cable and soak away tube.

The distance from the top edge of the enclosure to the pavement level (after finishing all works) must be zero. Picture 6.

It is important that the full weight of the gates is directly on the gate operator. Also that only a top hinge is used.



| DISTANCE A | ITEM No. | DESCRIPTION |
|------------|----------|--|
| 30 mm | 7025 | Ferrule with square hole |
| 42 mm | 746 | Shaft fitting collar with plate |
| 70 mm | 748 | Emergency locking shoe and release spanner |

