

In Ground Gate Automation

(Civil Works)

Notes

- Install the in ground boxes and leave the gates swinging manually.
- Ensure that the boxes have adequate drainage. Both boxes need to be level with each other.
- Ensure that physical gate stops are located in open and closed positions as shown.
- Select an area where the gate controller will be located and provide mains power to that point.
- If an intercom is being installed, provide cabling from the gate controller to the internal handset.
- Provide ducting and cable containment across the driveway between the foundation boxes.
- Provide cable containment to each control or safety device if required.

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The In-Ground foundation boxes must be installed under the gates, with the pivot point matching that of the gates top hinge as shown. Adequate drainage must be provided from each box. These are normally haunched with concrete to provide stability.

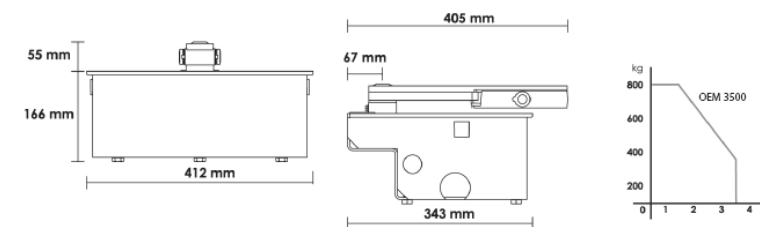
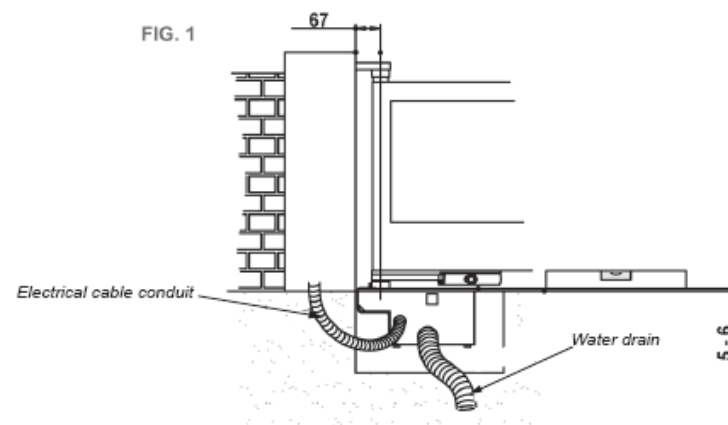
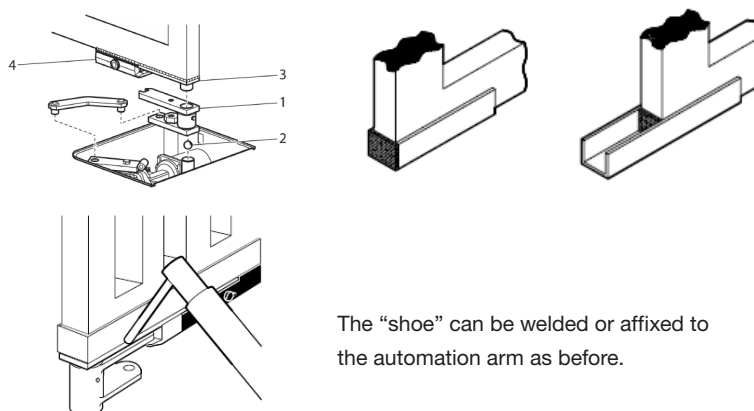


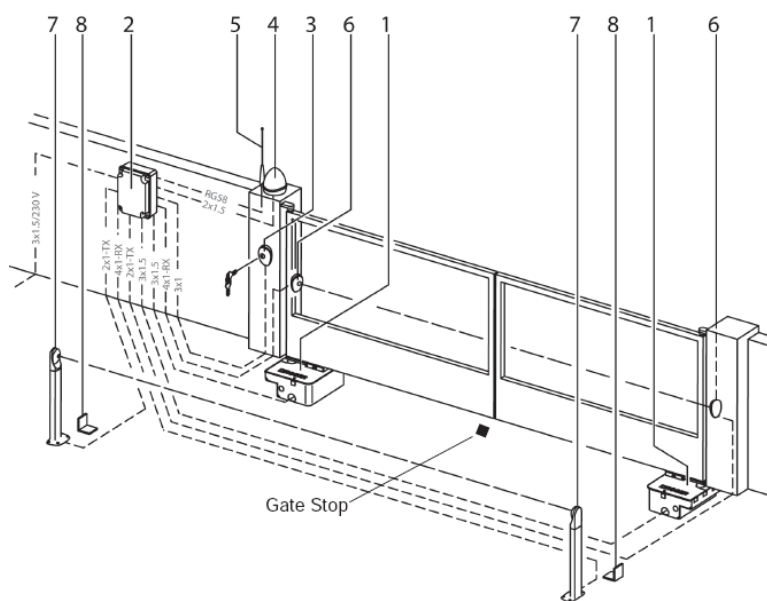
FIG. 1



Gates can be connected to the automation arm by welding, bolted, or within a "shoe". If a shoe is used it allows later adjustment in case of settlement of pillars etc.



The "shoe" can be welded or affixed to the automation arm as before.



1. In Ground Foundation Boxes
2. Gate Controller
3. Key switch (Optional)
4. Flashing Lamp (Optional)
5. Radio Antenna (Normally located at Gate Controller box)
6. External Photocells (located close to gate closing point)
7. Internal Photocells on Posts (Optional. Located just outside gate swing radius)
8. Internal Physical Gate Stops