

A Guide to the layout of the E95 Cantilever Sliding Gate

- On the motor side the gate requires a foundation cast into the ground approximately a metre wide by a metre deep and 2.5 metres long. Into this foundation, 2 templates with rebar bolts are set. These have specific sizes between the hole centres which will be advised. This black gate is a 6m right hand.



- On the far side of the opening a second concrete foundation is required. The approximate size for this is 0.7m x 0.7m x 0.7m. The third template and four bolts are set into this for the latch post.
- We suggest fixing the templates in place before the pour (the duct exit point in this picture has been revised).



- The gate leaf will run 100mm above the templates.
- It is the responsibility of the groundworker to ensure the foundation is large enough to be stable. At times you may need to make the foundations larger to counter unstable ground.
- A cable link across the opening is required to power the accessories on the latching post. This can be either a 4 core armoured cable buried directly or a duct with a draw cord. Please leave 1.2m of cable out of the ground.
- The incoming power comes to the underneath of the motor. The template has an opening provided to get this in the correct position for the base. A 240V 6A single phase supply is required.
- The arrows on the templates show the centre line of the gate leaf. Please ensure these are lined up using a string line.
- The door opens inwards. 950mm behind the centre line is needed to allow it to rotate open properly.



- If the gate is to run parallel to a fence/ wall/hedge, to prevent entrapment set it within 100mm of the fence or keep it at least 600mm away. This allows space for someone who finds they are between the fence and the travelling gate leaf.
- Aim for at least 100mm clearance above your roadway.
- The gate then drops onto the foundation and bolts in place.



6m LH EG95 gate foundations.

Main foundation above.

Latching post foundation left.

Note 4 core armoured cable linking the two bases and the second incoming power cable