

## Cedar Chase Garden Gates – houses 9 to 24

**Document Purpose** – to help house owners who want to replace their existing gate with various details the new gate should copy retain.

**Background** – Gates for houses 9 to 24 have a uniquely strong architectural design, typically of SPAN it is simple yet feature rich. Whilst you can see through them, they retain great levels of privacy to the garden by the lines of sight being tightly restricted due to the slats depth and width. Ann had a gate made, but she was sad to find it lacked some key design features, as well as being structurally weaker than the original. So I agreed to undertake a study of the gates across the estate to a) find the important features to retain the original look and privacy feature, as well as b) to find the best structural features to build into any future gate for strength and security.

Gates have two key aspects, firstly there is the external **Face**, what it looks like from outside the property – and this is mandatory to keep original. Secondly there is the structural **Frame**, only really visible from inside the property, and thus this is not a mandatory design feature.

**Z-Frame vs M-Frame** – the diagram below shows the M-Frame version (the frame looks like an M), this is a design that gives the strongest and most secure gate due to the lock placement being half way up the gate and designed to take a 5-lever Mortice lock .. Z-Frames are also used on the estate, and are good if the lock is to be placed high

### Colour Coded features:

- Details in Orange are the mandatory external **Face** features.
- Details in other colours are optional internal **Frame** features

