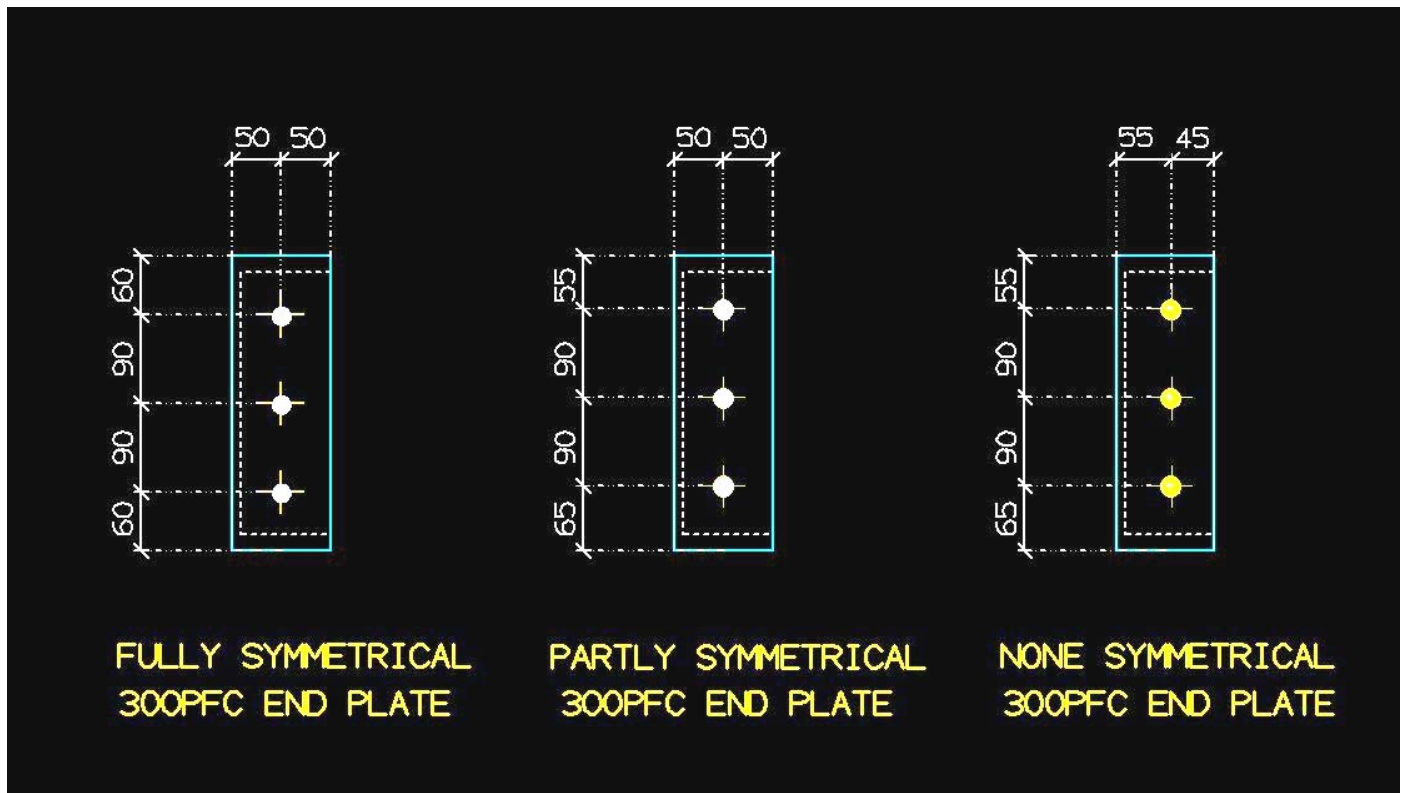


Standard & Symmetrical Plates

The advent of 3D modelling programs such as Strucad and X Steel has done much to reduce detailing and fabrication errors. Automated production of Drawings and Cam data generated from virtual drilling within the Model space means few things don't match up. The advance in technology has led to less standardization and symmetry of plates is losing its once "must have" status. Standard fittings no longer reduce the detailing time, in fact it can now add to it. "Why should we bother, If it fits together in the model then it should fit on site" is a typical detailer's response.

Here's why you should at least try where possible.



Key Points:-

1. Most fabrication errors occur with incorrectly fitted plates or cleats.
2. A fully symmetrical plate can not be put on the wrong way.
3. Standard Plates mean less drawings, less printing and more trees.
4. Fewer plate types equal cheaper fabrication costs and less chance of errors.
5. If you were detailing by hand you would aim to draw up as few plates as possible. Try to do the same with a modelling system and help reduce errors.
6. Standard plates can be kept or used as a backup job if work runs low.
7. On site correction of errors is costly and often means working at height.

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