

# FRAME DETAILING INFORMATION FOR ELECTRICAL WORKS

## About this guide

Detailing is the stage of the process where architectural plans are converted into computer language to be fed into the roll former. This machine rolls out each component part as detailed, including any service hole requirements. The more detail that can be included in defining the rolled components the fewer modifications are required on-site, and hence less waste and cost.



This resource was produced by the National Association of Steel-Framed Housing Inc and the College of Electrical Training.

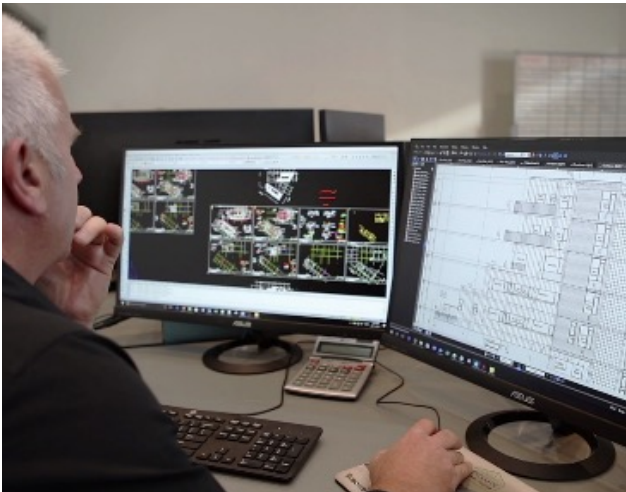
## INPUT TO DETAILING

While electrical cabling and layout are part of the rough-in stage, certain information is required prior to the frames being fabricated so that allowances in design can be made. For electrical services, the following information should be provided to your fabricator during the initial detailing of the plans:

- Location and size of service holes (beyond normal requirements)
- Location, size and type of switchboard/meter box
- Requirements for noggins
- Locations of switches so that multiple jamb studs do not impact on light switches
- Location for lighting – if support is needed.

## LIGHT GAUGE STEEL – FABRICATION PROCESS

### 1. Detailing



### 2. Roll forming



### 3. Factory assembly of frame components and trusses



### 4. Pre-punched frame components



Stud wall and bottom plate