

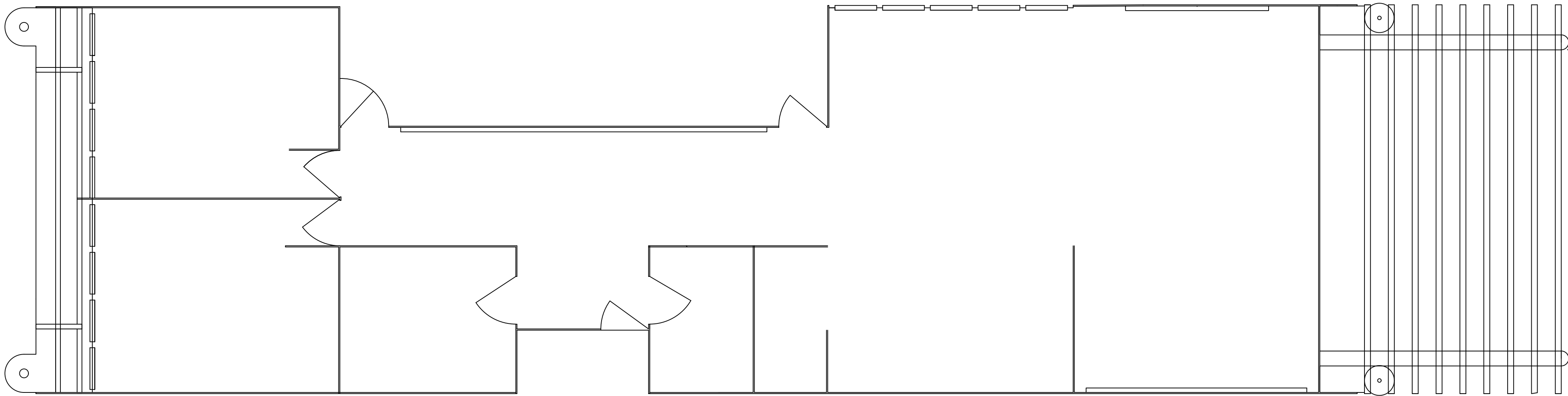
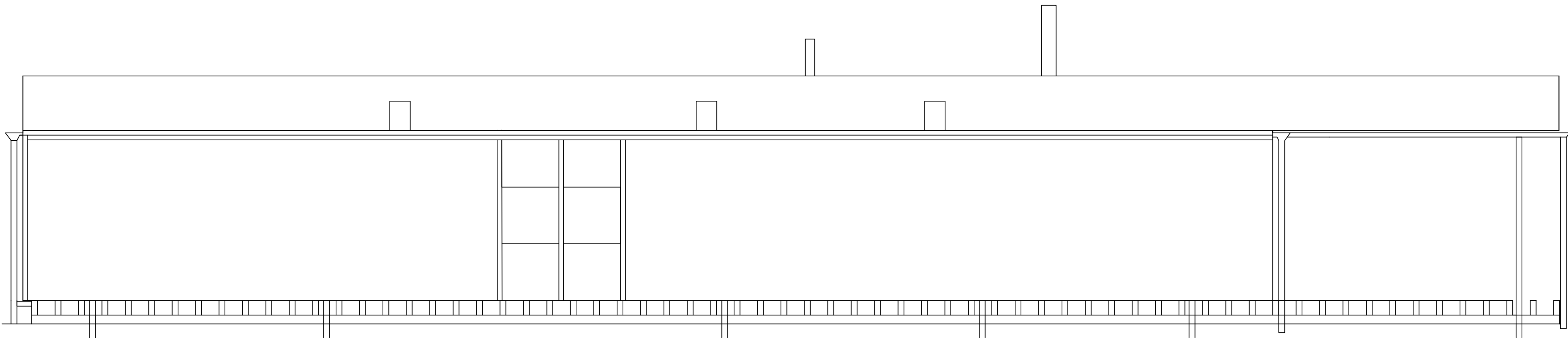


Image taken by Weebly (2018)
<https://balleastawayhouse.weebly.com/the-building>

1-100



Line Type
line types would essentially define how the line is seen in a drawing, this means that the lines can change slightly to give the person who is looking at the drawing a better understanding of what something does this can vary in alot of ways such as the style of this line changing, the thickness of the line changing or even the the line showing a distinctive pattern that would be recognizable to the person reading the drawing, these different line types are also used to help people know the difference between things such as edges that would be visable or hidden and also to distinguish from centre lines and actual construction lines.

Having theres different line types is made more effective due to the fact that is has essentially been made into a universal language due to a mass standardisation.

Line weight
Line weight is similar to line type in the fact that it used to help identify the differences within the drawing, line weight can also be used to show non essential features without overloading the drawing with an insane amount of random lines, having line weight in your drawings add another level of complexity, it allows you to show off the most essential pieces of information with thinking more bold lines and show the less essentials parts with weaker faint lines.

Having line weight in a project would not only allow who ever is viewing the document to get a better understanding of the image you are trying to put across, it also would allow more things to be added to that universal language i just mentioned.

Hatching
When referring to Cad hatching is the technique that would allow to represent different materials within a drawing by doing a pattern that has been selected universally to be suitable for that material.an example of this would be it would allow brick layers to tell the difference between where bricks are needed and where blocks are needed.

Hatching has become a vital part of the industry's drawings as it allows for less confusion of materials which would not only alot of time but also money.

Scaling
In cad scaling refers to adjusting the size of an object to fit of a drawing that is a 100th of the size of the building, sop that the people who are on site can look at a piece of paper that is drawn to scale measure a line on that paper and know exactly how long a wall or a window would be.

Naming conventions
naming conventions would essentially be following a list of rules for naming things such as files.layers or blocks within the active cad file, this is so important as it allowing other people viewing the document to accurately understand and navigate the given file.

This would also be crucial while working with others not to get confused so that they can help understand the location of a project while allowing them to locate specific pieces within the document.

The ball eastaway house
The ball eastaway house was constructed in the 1982-83 period the designer (Glenn Murcutt) was quite notable in the architecture world at the time, the building was made with the thought of sustainable construction in mind and makes a much smaller carbon footprint than a more modern house would, the building is made up from steel sheet/ steel sheet cladding, with wooden floors to make the structure feel more like a home. The clients who wanted the house built were artists and as such also wanted the house to serve as a dual gallery, as a result of this the house has large windows, this would allow for a lot of natural light that would allow the artists to have a more positive conection with the house as it better fit their needs.

There are alot of benefits to the way that this building was constructed such as;

Recyclability
Steel is one of the most recyclablematerials that there are and one of the reasons it works so well is because even after it gets recycled it does not lose any of inherent properties.

Energy Efficiency
Over the many years we have been creating steel sheets we have been able to reduce the ammount of energy output it takes to make them.

Durability and lifespan
Due to the fact that steel is well known to be a highly study material it goes without saying that the lifespan and durability of the material would make it more sustainable as it would need to be replaced less often.