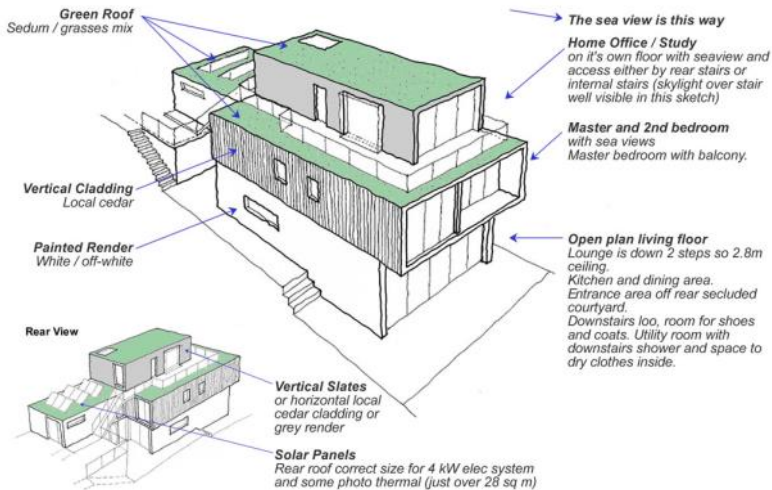


Irvine Royal Academy—Technical Department

Graphic Communication—Advanced Higher

Architectural Drawings

Architectural Drawings can be used for different purposes. Remember, in Advanced Higher it is often the user who you will need to identify, and what information they will need or glean from a drawing that is important.

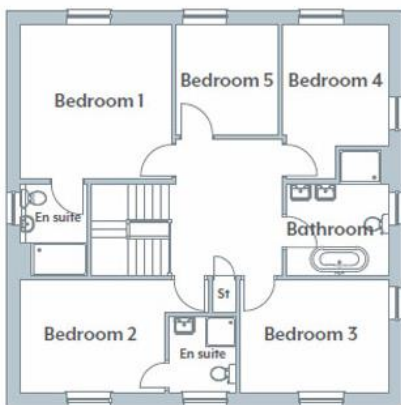
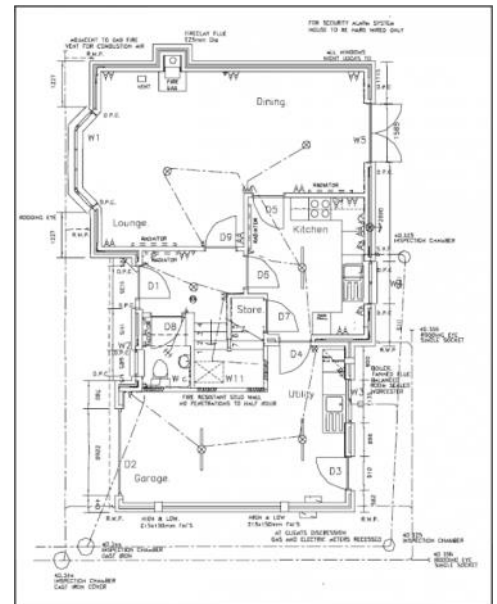


Sketch

A sketch like this is often used to explain how a building will appear to someone who cannot understand complex technical drawings. They are often **Isometric, Planometric** or **Perspective**. Information that may appear on them could be used for planning purposes, selling the house (promotional), neighbourhood notification, public consultations, etc.

Services Layers

Most modern architects drawings are created with **Layers**. These are often used to show **Electrical, Plumbing** and **Services layers**. Other layers may include **materials, dimensions, and colour**. Layers can be switched on and off, so that different users only get the information they need, to keep the drawing less complicated. The plan to the right shows Electrical, some plumbing, some dimensions, exterior **drainage**. An architects drawing with layers will have tabs on it to allow the layers to be visible or hidden.



Plans required for Planning Permission

An architect will need to supply standard plans to apply for planning permission. These include **Location Plans, Site Plans** and **Floor Plans**. Normal **Scales** are **Location** (1:1,250); **Site** (1:200); and **Floor Plan** (1:50).

All plans should indicate the scale used, and also where North is. In addition, **Elevations** of the building (1:50 for a house, 1:100 for larger buildings, eg a school) will also be required, and sometimes a **Roof Plan**.

