Building Drawing - Information Sheet 4

Other Building Drawings

At the design stage of any building project the construction techniques and the materials to be used for the project will be decided. Fixtures and fittings will also be chosen at this stage, for example the kitchen units and the installed appliances, the bathroom fittings, the light fittings and sockets etc. This information will all be drawn up in a series of related drawings. The drawings are used by the designers to cost the materials for the job and by the planning department, to make sure the building complies with all necessary regulations. They will allow the materials to be sourced and any supply problems to be identified and alternative materials to be purchased if required.

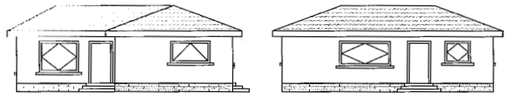
Some of the other drawings in the project set include:

Elevations - produced by the architect to show the style of the building (see example 1). They show the external appearance, roof style and the positions of doors and windows.

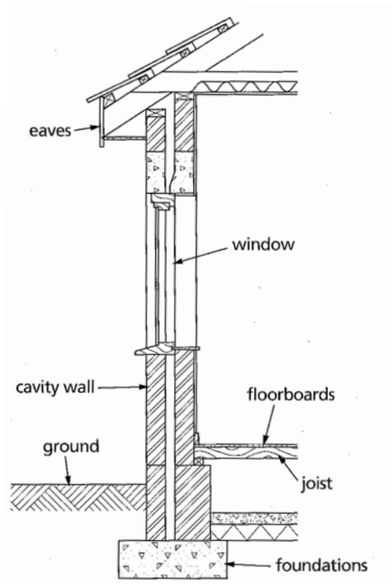
Sectional Views - for example, a cross section through the wall giving the builders details of how the house is to be constructed. Sections can be taken through any part of the building and are normally to a scale of 1:20. They are used by the building control department to assess the quality of construction and design.
Example 2 gives information about:
construction of the eaves, types of material used for the construction, the design of the foundations and the construction of the cavity walls.

Part Floor Plans - More detailed floor plans are used to show the layout and fittings required for rooms like the kitchen and bathroom (see example 3). These rooms will have fitted appliances and BSI symbols are used to simplify and standardise the drawings.

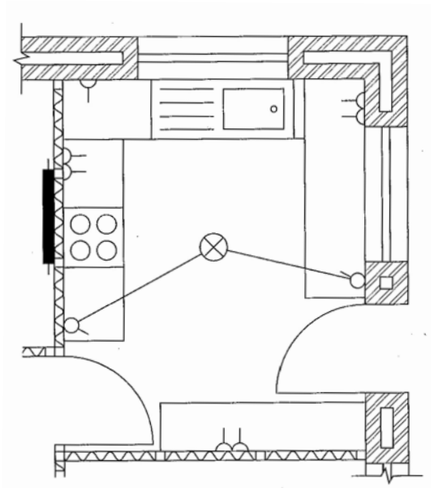
Every building project is different and the amount and type of drawings required will vary. Many modern buildings have structural steelwork frames or complicated concrete shells. This type of project would require more specialised drawings. However the three basic building drawings, location plan, site plan and floor plan still need to be included in the project set.



Example 1



Example 2



Example 3