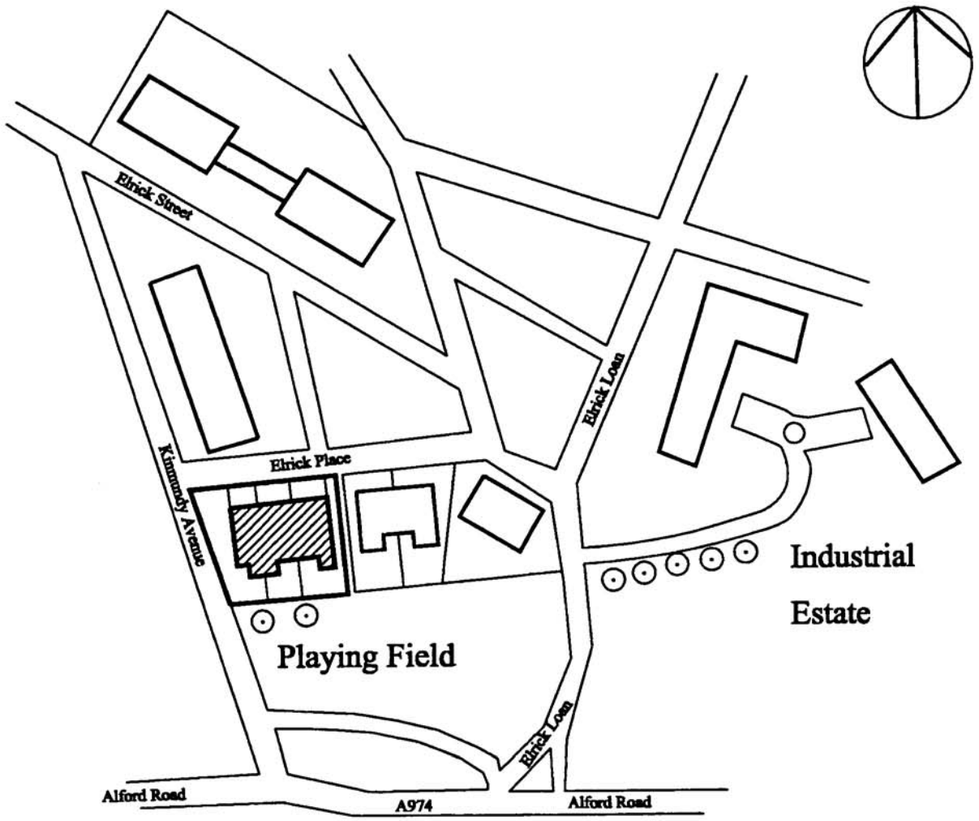
Building Drawing - Information Sheet 1

Any building project, from a house extension to a new office block, requires a complete set of specialised drawings, normally called the **project set**. These drawings are produced to give information to a variety of professional people who are involved in, authorising, designing and building the development. Many different types of drawing are required for a building project, three of the main drawings that make up the project set are the: **Location Plan**, **Site Plan** and **Floor Plan**.

Before any construction work can begin, the project set of drawings need to be submitted to and approved by the local building control and planning departments. The planning department will make sure that the style and scale of the building are suitable for the proposed location. They will also take into account any valid public objections to the project, and if required, they can make the developer adjust the design of the project. The building control department check that the design and the quality of work as the build progresses, meet all required British standards.

The Location Plan

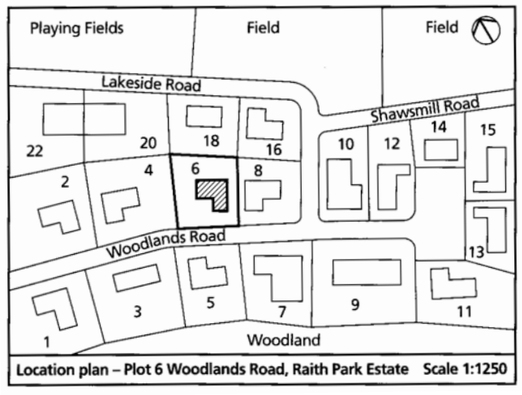
Normally the first drawing in the project set. This type of drawing identifies the exact location of a construction project in relation to its surroundings. The drawing will include details such as roads and streets in the immediate area including their names, field boundaries, the outlines of other buildings in the vicinity and the direction of north. This information is normally taken from an Ordinance Survey map and would commonly be drawn to a scale of 1:1250. This could vary depending on the size of the proposed building project, for example the plan for a new airport would need to be drawn to a smaller scale than that for a new community centre.



Location Plan 2 Scale 1:1250

Drawing notes:

1. The outline of the plan of the building and the outline of the site boundary are drawn with thick lines.
2. The plan of the building is shaded using hatch lines.
3. Existing buildings have medium line thickness.
4. All other lines are thin lines.
5. All the plot numbers should be shown.



Location Plan 1

Symbols

Unit - **Technical Graphics 2** Topic - **Building Drawing**	Higher Graphic Communication	