

This resource provides examples of a site plan (also known as a facility layout plan or spatial analysis) and a sketch design (or concept plan), and the elements that you should include or look for. You'll usually need both for infrastructure projects to guide planning and delivery.

Site plan example

A site plan gives you and your stakeholders a quick visual overview of where new infrastructure would sit on your site. This plan lays out the location of your project and its components clearly, including:

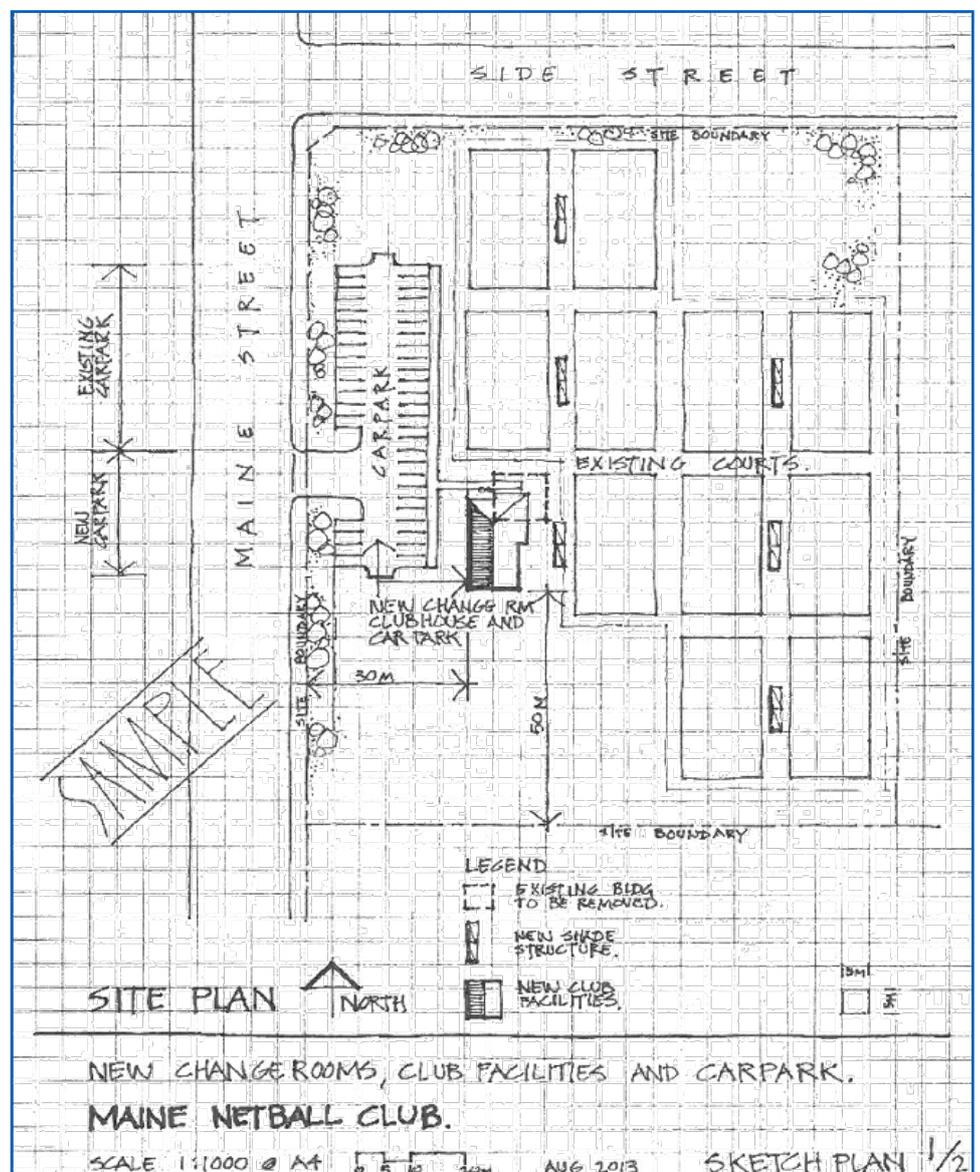
- Property boundaries, existing buildings and playing spaces (including street names where possible)
- Access points, parking, footpaths and shared spaces
- Natural features like mature trees, creeks or lakes
- Service lines such as electricity, sewerage or drainage, if known

You can use a simple diagram (like the example to the right, that is drawn to scale) or a Google Earth image with key elements overlaid. The key is clarity. Anyone should see at a glance where major elements belong.

Plans can change, so your plans should include a date, the location and your organisation's name to make sure everyone is looking at the right version

As your project takes shape, your plans should sharpen in focus, turning big ideas into clear, actionable designs

Site plan of a netball club extension



Sketch design example

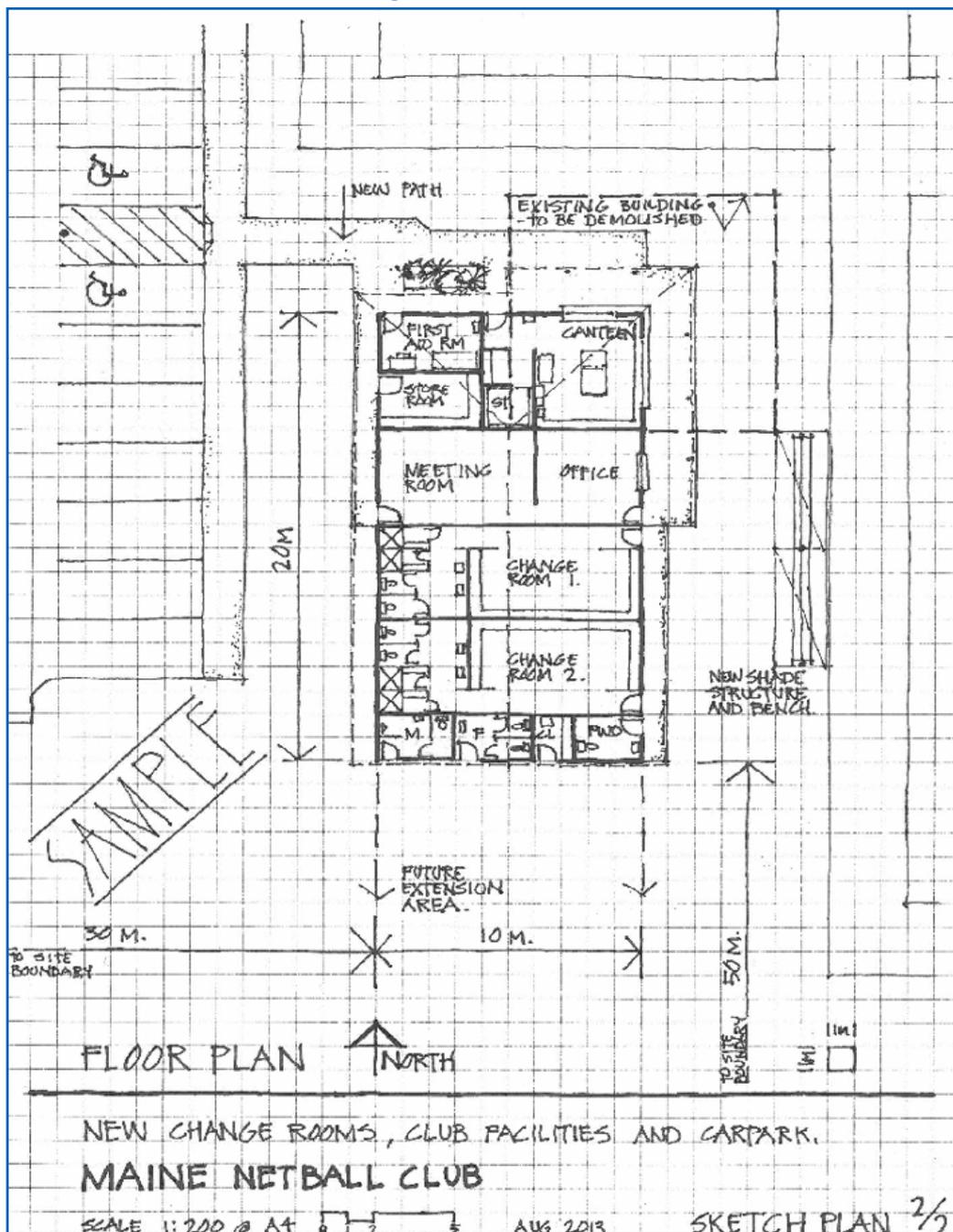
Your sketch design dives a little deeper. Depending on your project, it typically includes:

- Building layouts with floor plans, sections and elevations
- Detailed notes on external works (drainage, overland flow, furniture locations and finishes)
- Larger-scale drawings of key nodes (entry plazas, seating terraces)
- Optional 3D views or artist impressions

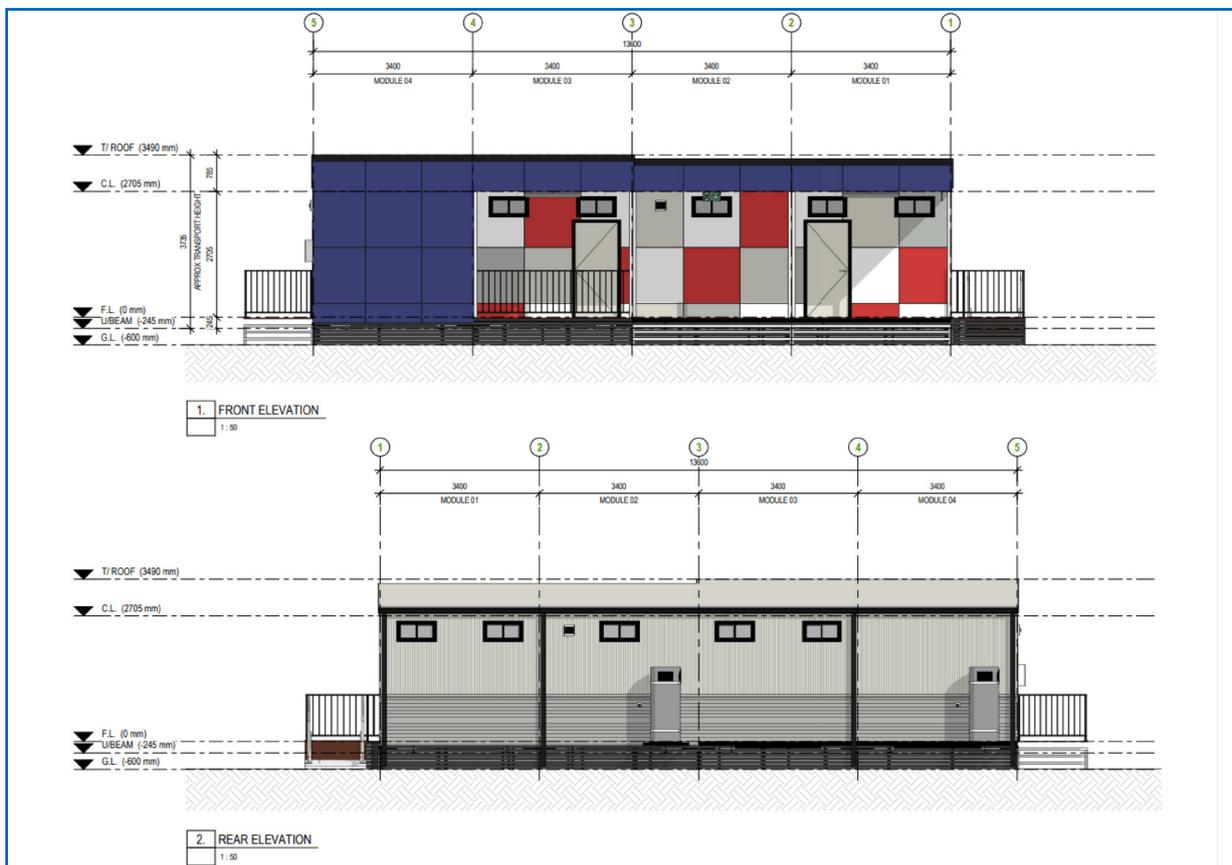
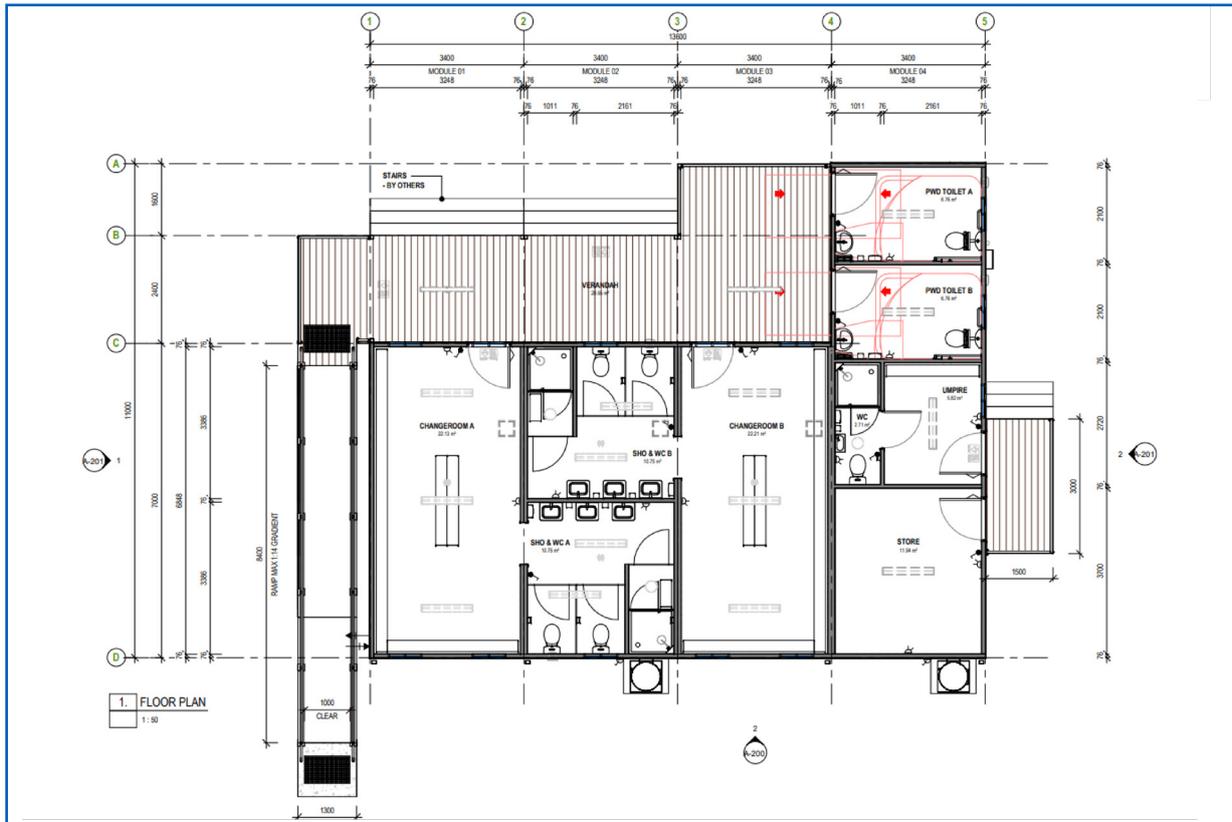
Specialist input, such as town-planning advice, environmental reports or traffic analysis, can be attached at this stage. A well-prepared sketch design lets any reasonable person understand your proposed development, including dimensions and main features.

Engage a qualified professional to create your sketch design, ensuring their expertise aligns with your project's scale and complexity

Sketch design of a clubhouse extension



Floor plan and elevations of a changeroom



Sports field lighting project

Refer to Sport HQ Sports lighting best practice guide for a detailed lighting design example.

