

32.0 Drawings

Drawings form a large part of the design of the mechanical and electrical systems; the drawings should convey all information relevant to purchase materials and progress with installation.

32.1 Preliminary Drawings

Preliminary Drawings are the initial drawings for a project prepared by the design engineers during the early planning or promotional stage of the building design. These drawings will provide a means of communication between the designer and The Highland Council. These drawings will NOT be used for construction, but they will be used for exploring design concepts, preliminary cost estimates, approval by The Highland Council, and a basis for the preparation of finished construction drawings.

32.2 Construction Drawings

Construction drawings or working drawings are used by all involved in a project to work on the actual construction or installation of the design. These drawings will provide all the specific information, both graphic and written, about the project.

A set of construction drawings will be provided prior to works commencing on-site.

32.3 As Installed Drawings

After the completion of a project the contractor has a responsibility to provide accurate as installed or record drawings of the services installation in its completed state to The Highland Council.

An accurate record of the building services should be marked up on a master set of drawings by the contractor during installation, and updated with any changes which arise so that upon completion of the project there is a full set of marked up drawings ready to be turned into As Installed drawings, without delay.

When an accurate representation of the services installation is provided to The Highland Council this ensures that The Highland Council can benefit from efficient and cost effective future facilities management.

As Installed drawings must be provided to the council within the O&M Manuals on the day the completed project is handed over to the council.