

PROJECT REFERENCE DATA SHEET

Project Name	▶ <u>Historical Hospital Building</u>	Year	▶ <u>--</u>
Client / Owner	▶ <u>Demolition Client</u>	Design Cost	▶ <u>--</u>
Design Cost	▶ <u>--</u>	Contract Cost	▶ <u>--</u>

Description of Work:

Carvajal Structural Engineers Inc. (CSE) was retained to be the Demolition De-commissioning Specialist for the preparation of detailed demolition guidelines for the complete demolition of a historical Hospital. This Hospital was built in 1959 and occupied 100,000 sq.ft. of surface floor area in a four story building. The demolition process involved 3R demolition, where the goal is to Reduce, Reuse, and Recycle as much as the demolition material as possible. Designated substances, such as asbestos, were abated from the building prior to demolition. Equipment use involved a front-end loader, backhoe and excavator.

CSE's work included the preparation of detailed Demolition Guidelines/Procedures for the complete demolition the building. De-commissioning procedures included:

- Detailed field measurements and preparation of CAD drawings for the preparation of detailed demolition procedures.
- Detailed Site Evaluation of the Existing Facility to document the existing structures and structure conditions.
- Preparation of demolition procedures for demolition permits.
- Detailed analysis of existing floors for the placement of equipment on suspended floors and roof structures.
- Detailed specifications and procedures to remove exterior precast walls.

Future work included structural review and Contract Administration with the demolition work.

Figure/Photographs:

The figure consists of several technical and photographic elements:

- Photograph:** A color photograph of the exterior of the historical hospital building, a multi-story structure with a modern facade.
- Basement & Ground Floor Plan:** A detailed architectural drawing showing the layout of the building's lower levels. It features red arrows indicating demolition paths and various structural elements. A legend identifies symbols for new walls, existing walls, and other features.
- Site Plan:** A drawing showing the building's location on a site, with surrounding areas like parking lots and other structures.
- General Elevation Views:** Three separate drawings showing the North, West, and South elevations of the building, with labels for 'WEST VIEW', 'SOUTH VIEW', and 'NORTH VIEW'.
- Technical Drawings:** Detailed views of specific building features, including 'SECTION E-2 - LOW ROOF' and 'SECTION E-3 - CANOPY'.
- Project Information Tables:** Two tables at the bottom right of the figure, each containing project details such as 'CSE' logo, '1803 14-111802014', and 'D2-03' or 'D1-06'.