Raumati Pool Building Seismic Strengthening Project

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DISTRICT COUNCIL
Me Huri Whakamuri, Ka Titiro Whakamua

Background

- **Raumati Pool has been closed as a pool facility for over 13 years**
- **The asset was managed by the Parks team and was transferred to the Property Team in late 2022**
- **A Condition Report, Asbestos Report and Seismic Assessment of the building were undertaken**
- **The Seismic Assessment came back at 15% NBS rating**
- **The Waterfront Bar and Kitchen are a long-standing tenant**

Outcomes & Constraints

Outcomes

1. Raumati Pool must be strengthened as a legislative requirement. Being an Earthquake Prone building at 15% NBS and adjoined to the Waterfront Bar and Kitchen, Council is obliged to make safe the base and foundations for the Council owned building. Strengthening the building to 70% NBS.

2. Strengthen the building to safe guard the facility so that it can be provided for any approved use or purpose in the future.

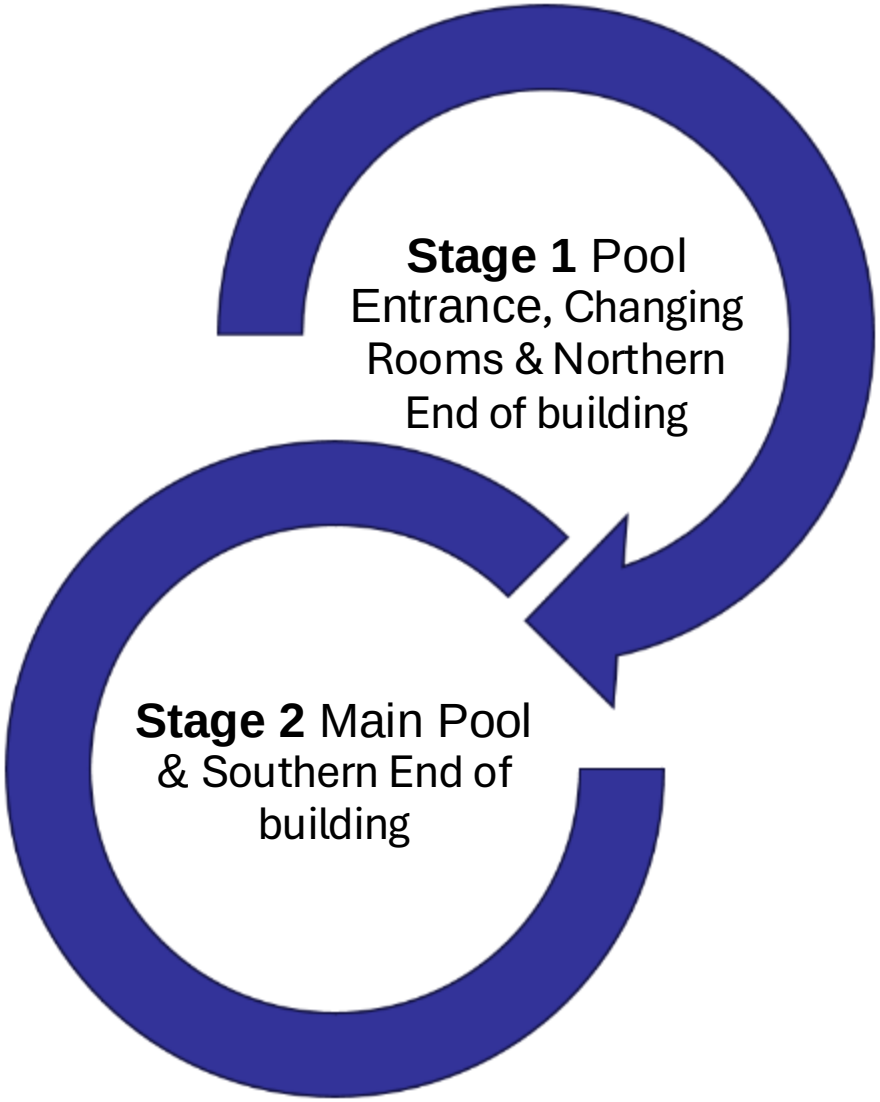
3. The seismic strengthening work is planned to align with the proposed upgrade of the Waterfront Bar and Kitchen.

Constraints

1. Budget constraints for the planned seismic upgrade of the Main Pool area as set out in stage 2 will be budgeted and take place in the next LTP.

2. Any works can only be carried out within the existing footprint, and it cannot be extended beyond this.

Raumati Pool Building Seismic Strengthening Project



Two Stages

Stage 1: Strengthen below the Waterfront Bar and Northern end of the building. This stage also includes all the old pool service buildings. Work to be carried out in the 25/26 FNY

Stage 2: Strengthen the remainder of the building, which includes the structural beams over the open pool area, the eastern and western walls, and the southern end of the building formally known as the “Raptors Swim Club”. Work is planned for the next LTP

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Details of Stage 1

- Demolition and excavation of existing concrete roof beam infill, concrete flooring, concrete block walls in specified locations
- Removal of internal framing and sections of existing ceilings etc.
- Removal of existing Fire and Building Services where required
- Installation of new concrete footings new structural steel framework
- Make good of Fire services and other Building services where required
- Make good of removed walls where steel framing is being installed
- Cost $835k
- Project timeline of works is 6 Months for Stage 1

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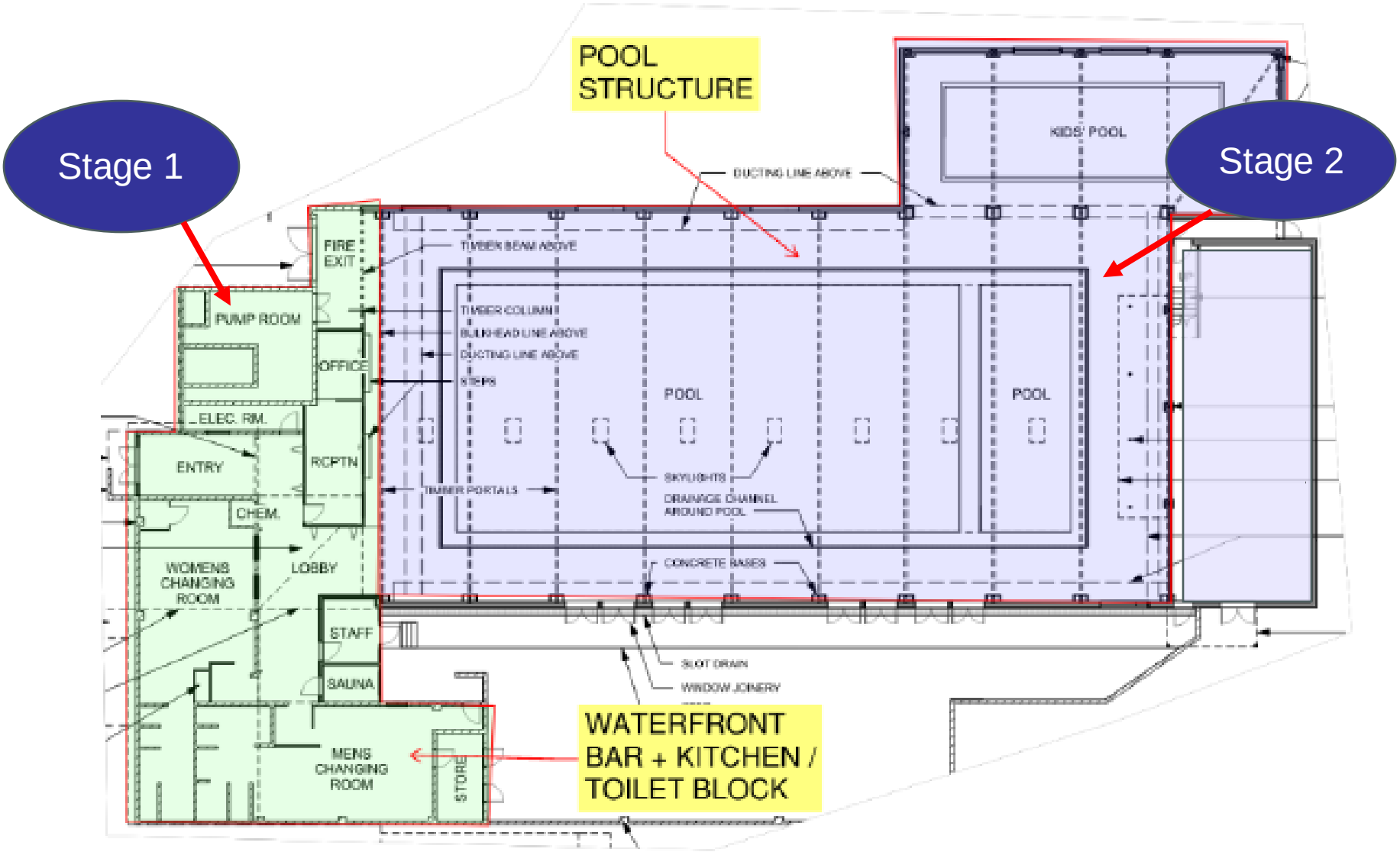
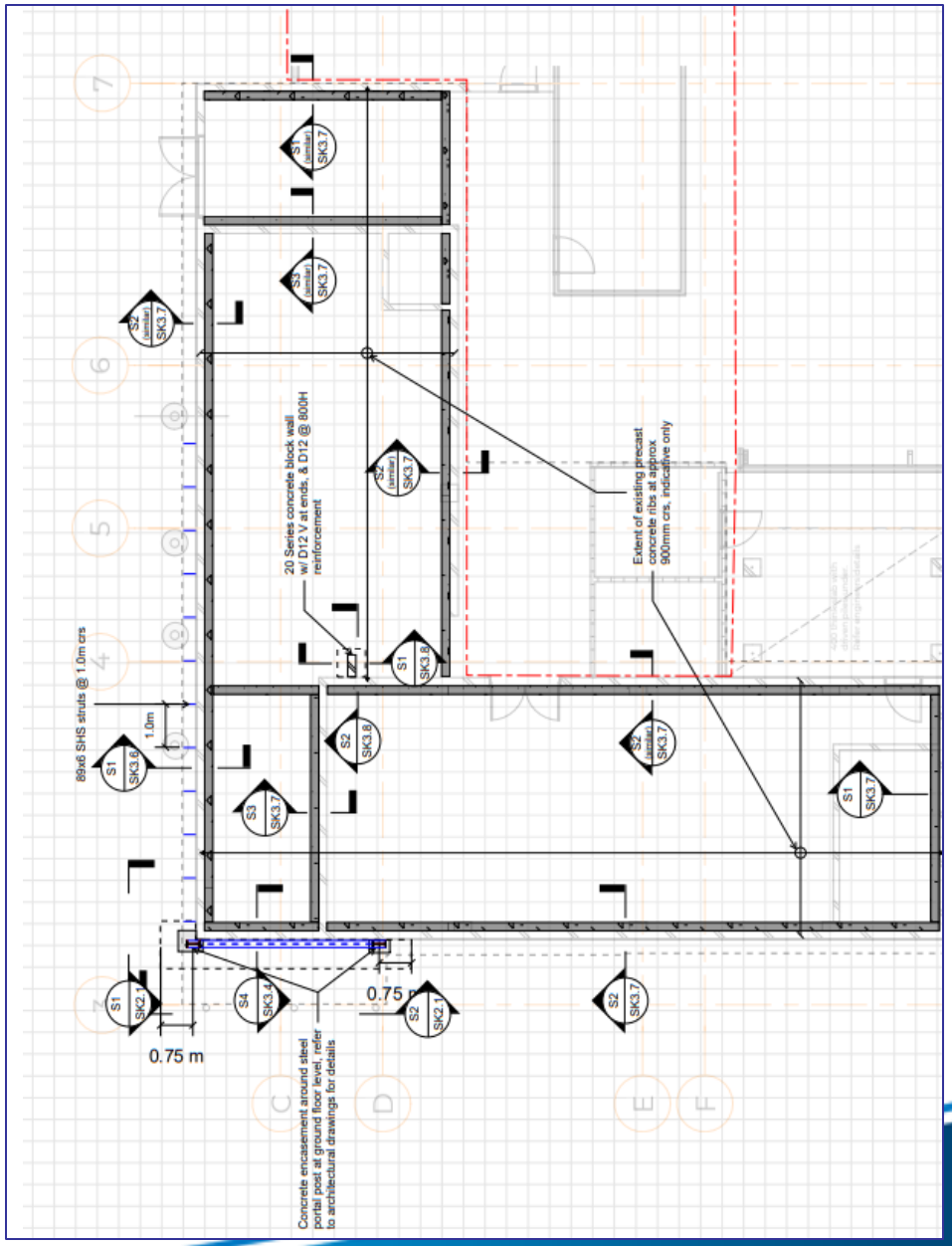


Figure 1 Existing Building Ground Floor Plan

Stage 1 Pool Entrance, Changing Rooms & Northern End of Building



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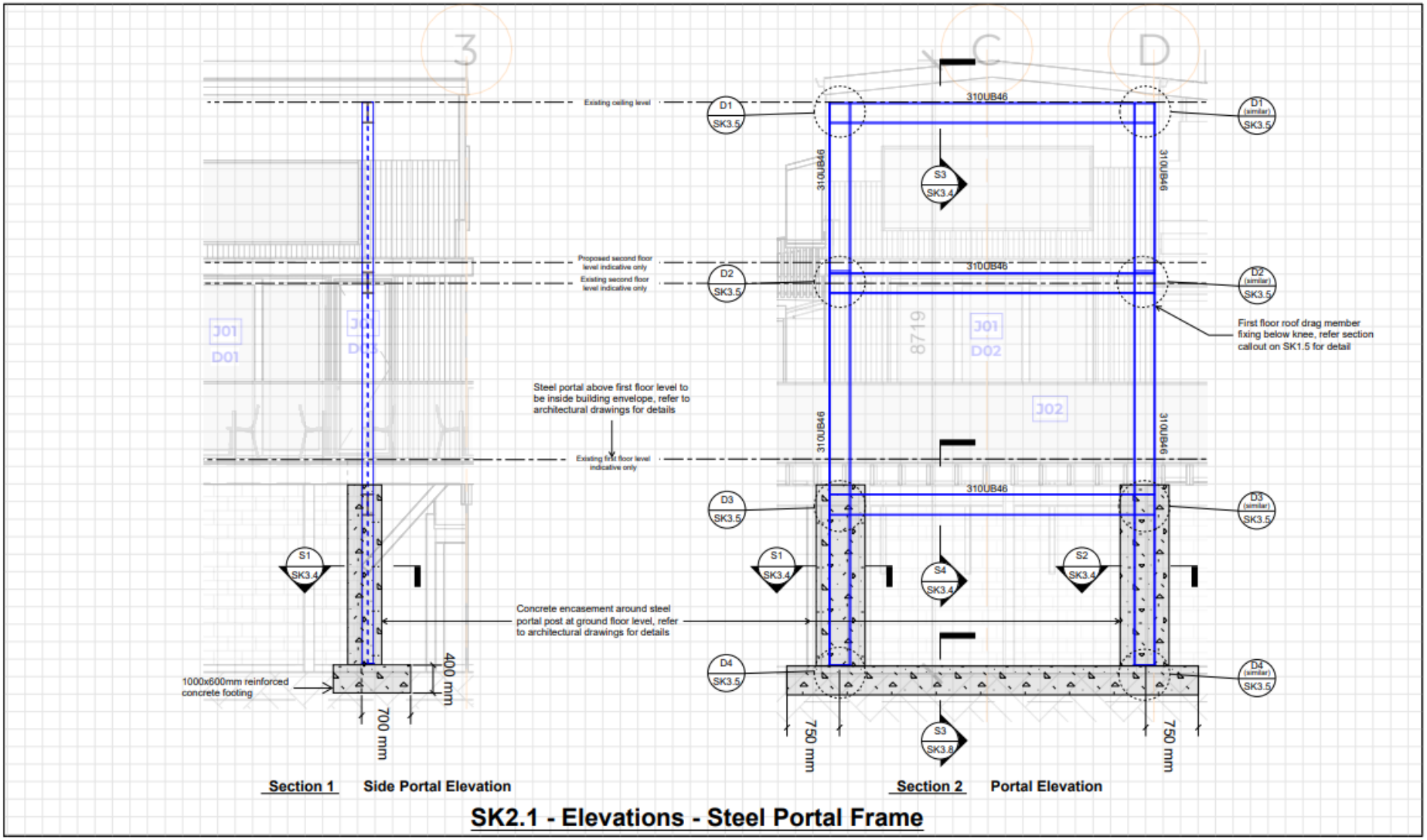

SK2.1 - Elevations - Steel Portal Frame

Stage 2 Main Pool & Southern End of Building

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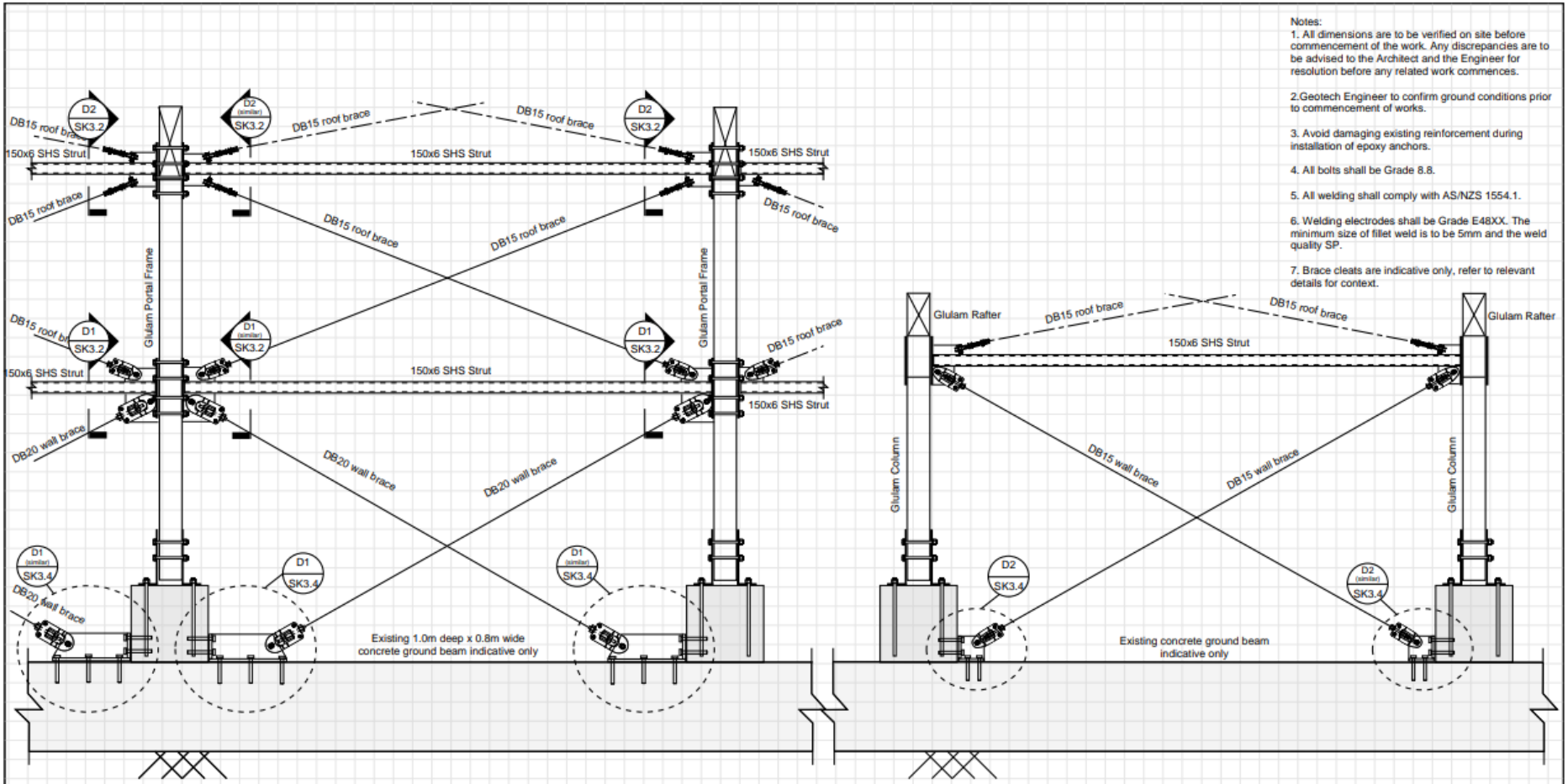

Section 1 **Typical Portal Frame Wall Bracing Elevation**

Section 2 **Extension Wall Bracing Elevation**

SK2.1 - Wall Bracing Elevations

Project Drivers

Legal Requirement

Positive impact to community space

Planning in stages to manage costs to budget

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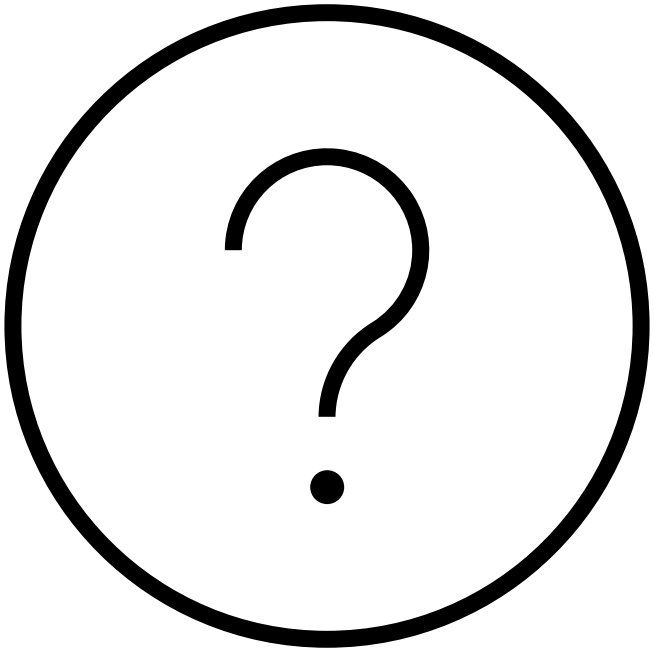
Questions



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