



# Structural Assessment Report

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10 December 2013

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## 1. Introduction

The objective of the structural assessment was to determine composition, placement and size of major structural components, in particular, placement of reinforcing within the beams, pillars and slabs.

The structural assessment was carried out on 3rd December 2013 by [REDACTED] (Scanning Operator) and [REDACTED] (Senior Scanning Operator/Manager). There were no adverse weather conditions or moisture content.

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### 3. Equipment

Scanning of the beams, pillars and slab was performed using Ground Penetrating Radar (GSSI 1.6 GHZ).

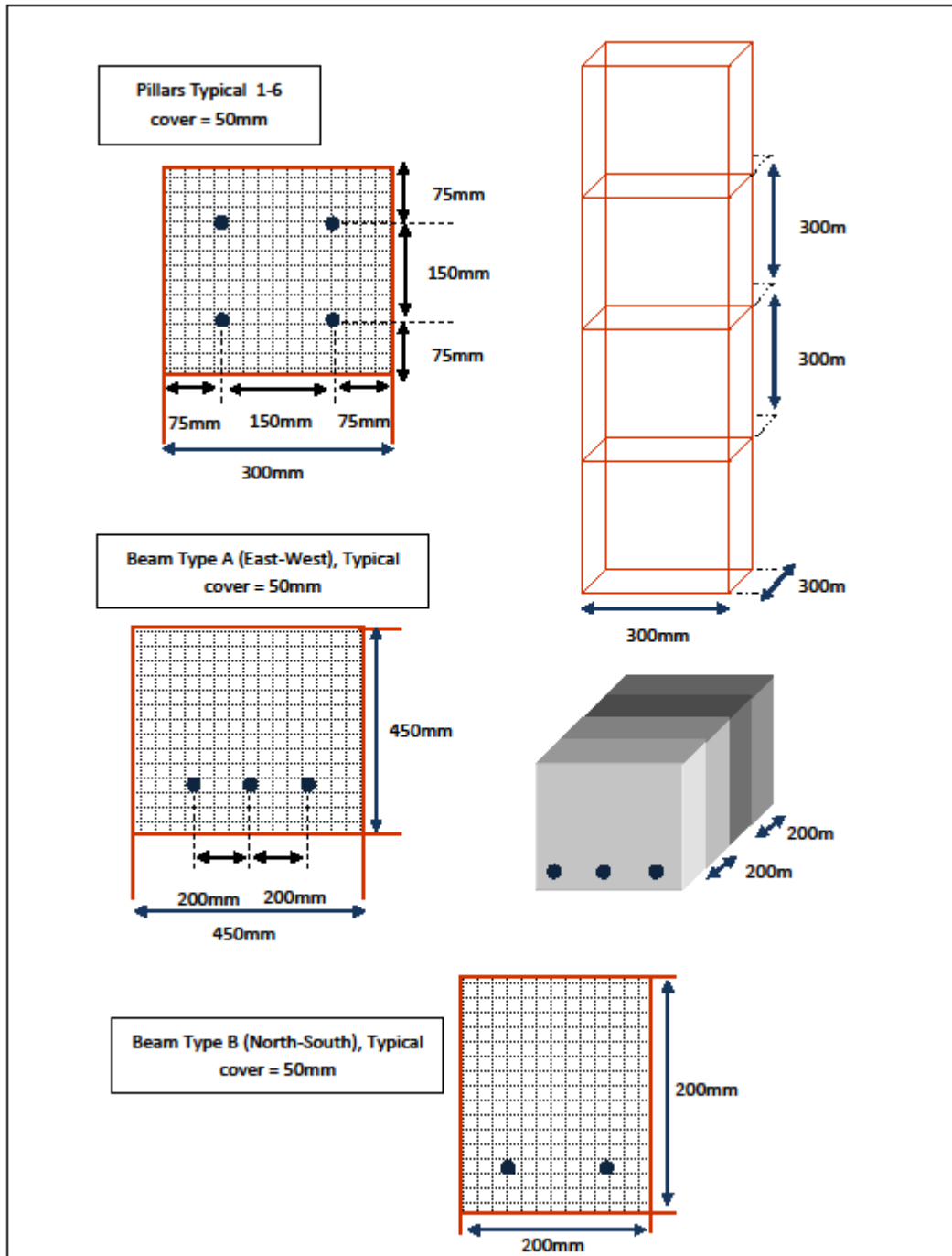
### 4. Beams Overview

The North-South and East-West beams, the pillars and slab were scanned for the presence of reinforcement at sites illustrated in the photographs. An overview of typical beam sizes and reinforcement placement is given as follows.

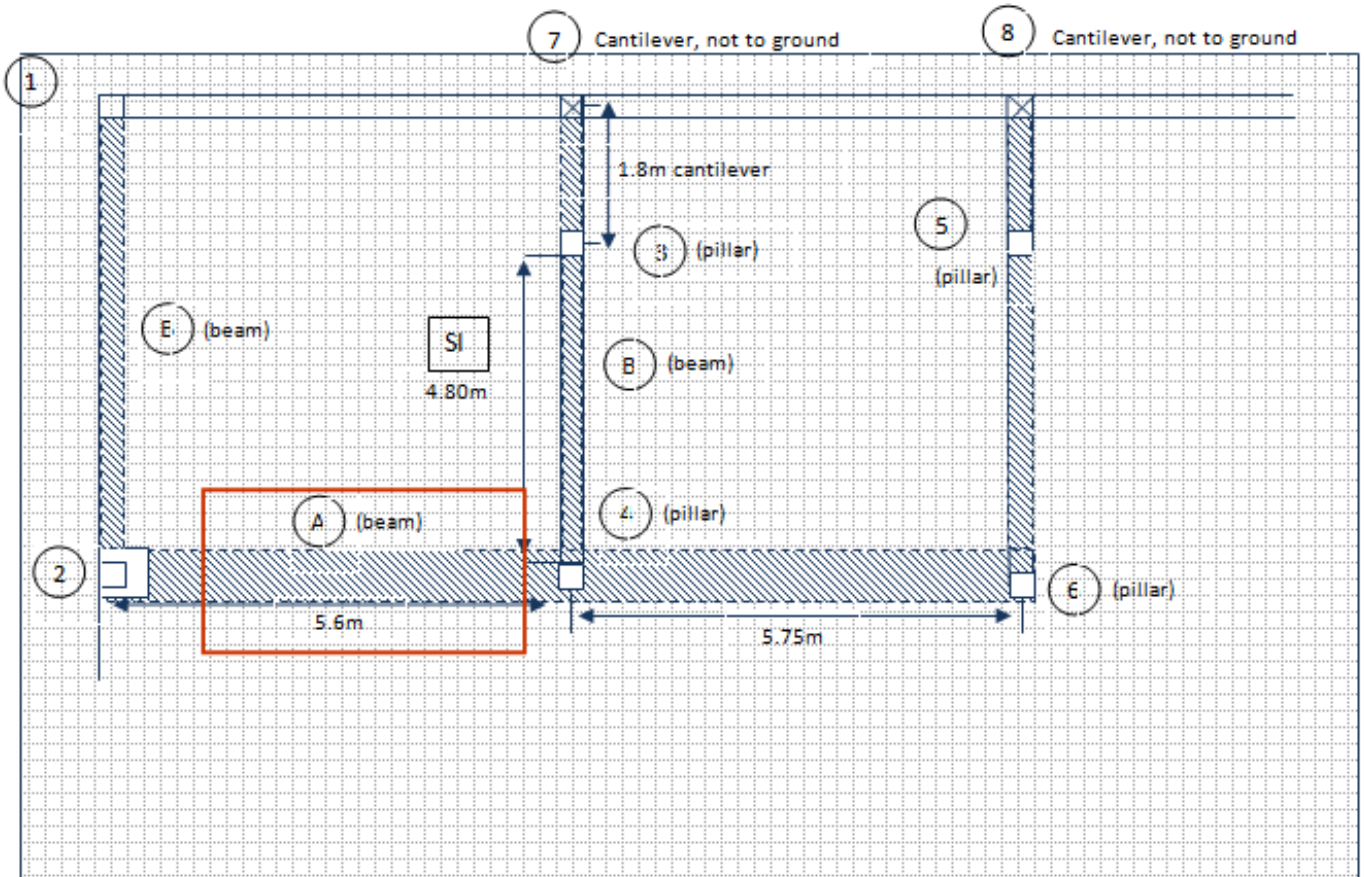
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## 5. Scanned Areas



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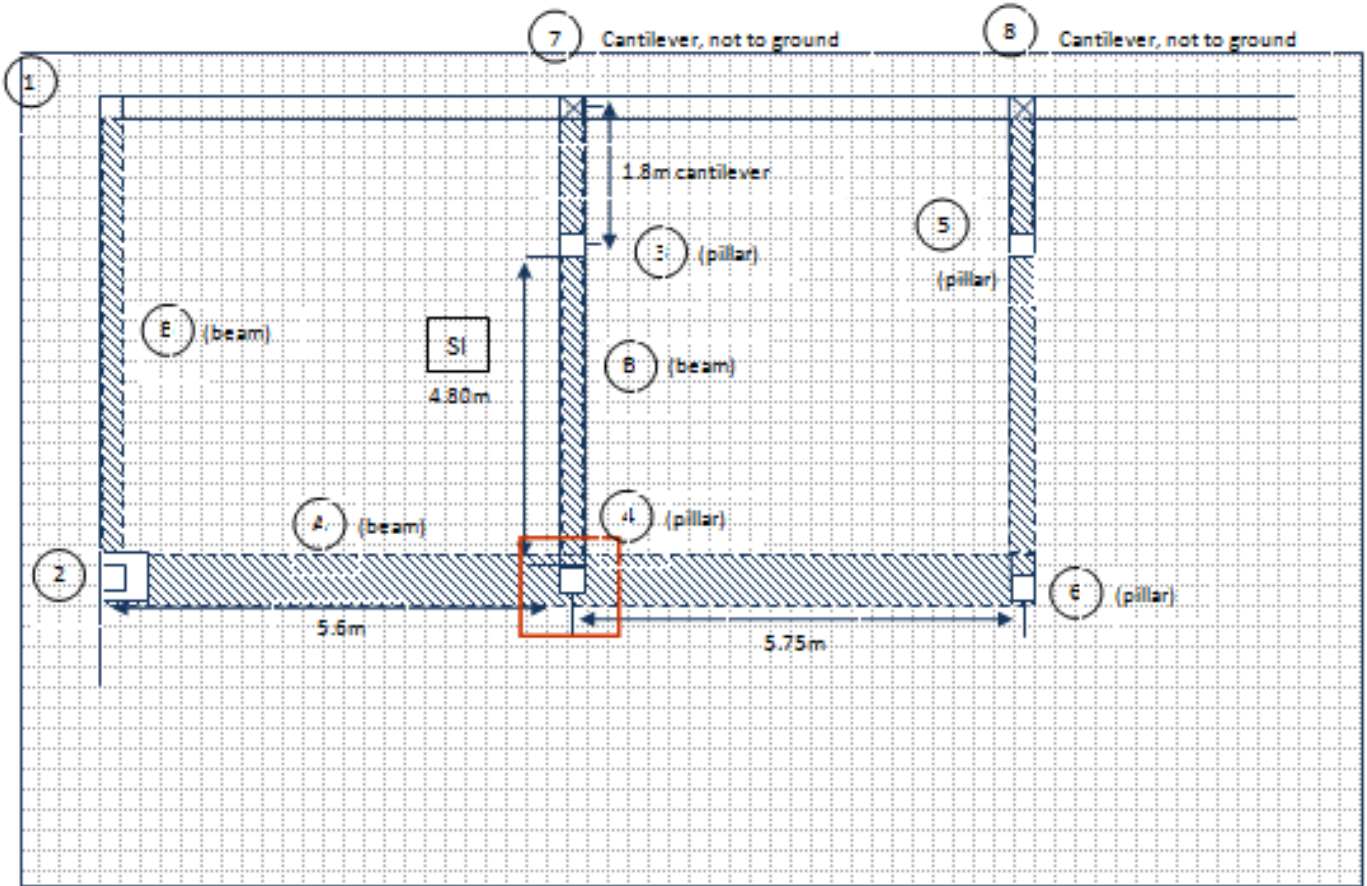
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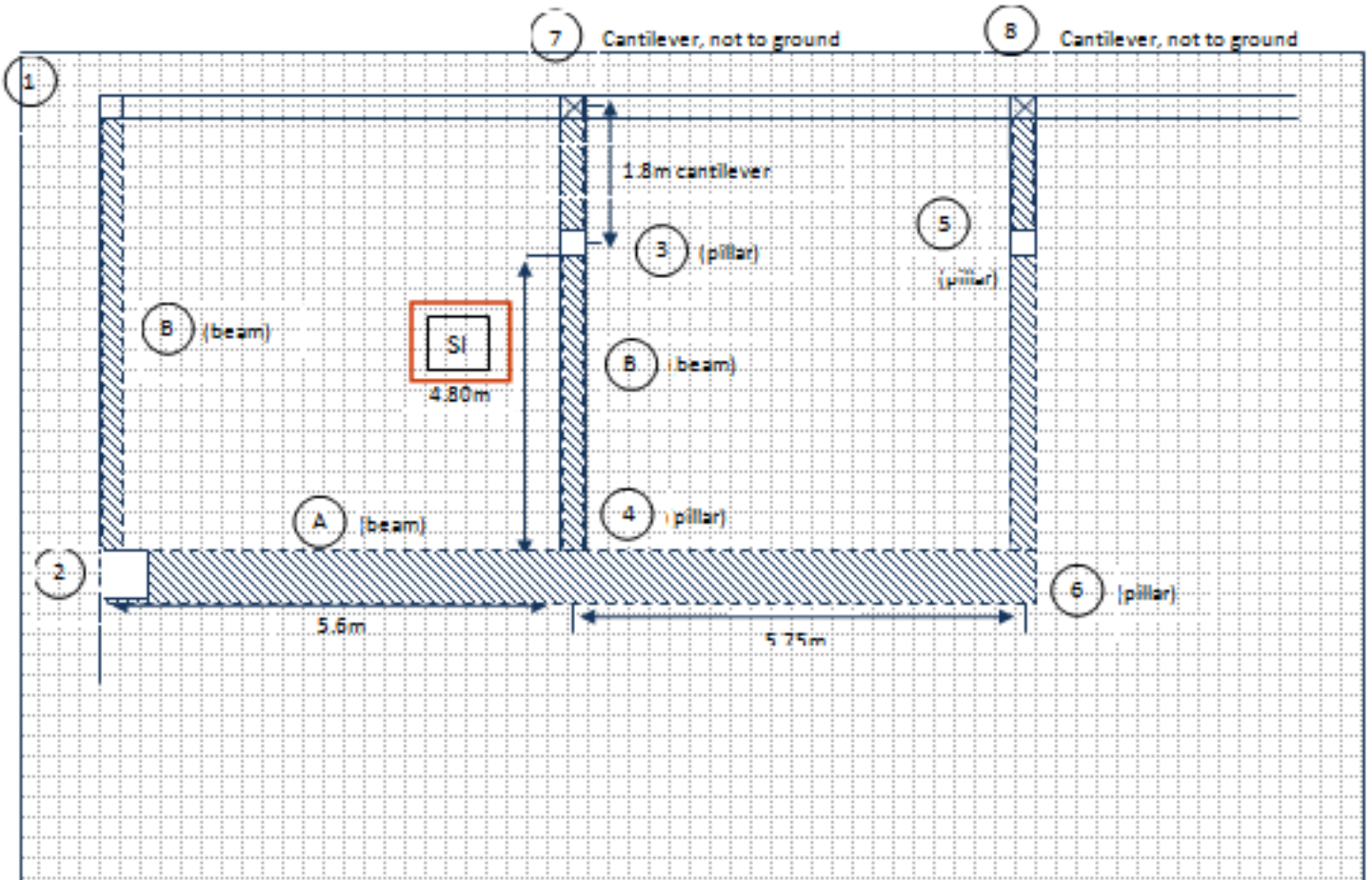


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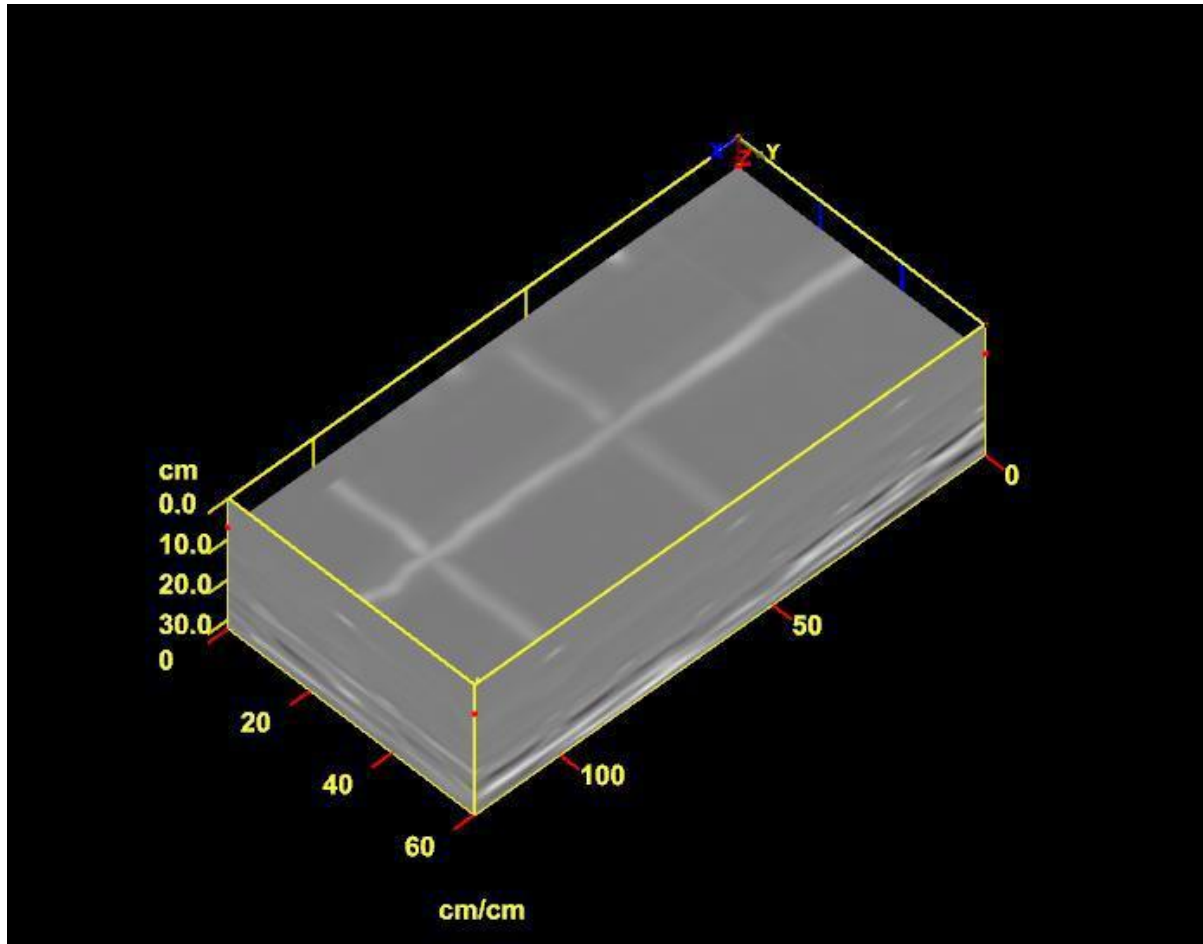


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An Example of the re-bars found in the slab in 3D mode



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