

Building Floor Levels and Verticality Surveys – data capture and presentation using a Canterbury example

Phil Dewar (New Zealand)

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SUMMARY

The Canterbury earthquakes presented significant upheaval in the lives of local Surveyors, both personally and professionally. The workload of local Surveyors changed markedly, with previously infrequent surveys, including those to assess building floor level variation and vertical condition, becoming commonplace.

This paper will briefly cover some of the Author's personal earthquake experiences, before moving on to address some of the challenges faced while collecting and presenting data for these building surveys. A case study will be reviewed, which involved the assessment of a multi-storey apartment building for internal floor level and exterior vertical condition. Attention will be given to field measurement techniques utilised and data presentation methods that were employed to ensure that the measured data could be clearly and unambiguously interpreted by all end-users.