



Observations of ground and structure movements during site redevelopment in Dublin

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I was interested to read the report of the monitoring carried out and wonder if baseline readings were taken over a period on time in advance of any construction work? In my view it is important to ascertain any normal fluctuations in the measurement of any particular parameter to enable the effect of subsequent construction work to be determined. This particularly applies to the retained facades where the daily cycle of movement is reported after demolition (para. 6.1). How much fluctuation was occurring before demolition?

Author's reply

I have considered the discussion note by D. Beadman on Paper 12607 and would like to reply as follows:

I agree that base readings are an essential prerequisite for any monitoring scheme. In this case we typically took a series of three sets of base readings over a period of about one month prior to demolition of the building behind the facades. In some cases additional readings were taken. Overall the base reading showed stable conditions with little fluctuation.