

**Table 1: As-built elevation variations (Suprenant and Malisch, 2009)**

<b>Element</b>	<b>Number of samples</b>	<b>Standard deviation, inch</b>	<b>Maximum out-of-elevation, inches</b>	<b>References</b>
Top of beam	200 sites	0.432	1.296	BRE
Structural slab	200 sites	0.424	1.272	BRE
Slab soffit	200 sites	0.372	1.116	BRE
Structural slab	115 readings	0.366	1.098	Palmbaum
Top of slab	14 floors	0.375	1.125	Tipping
Top of slab or beam		0.399	1.198	Summary