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To: [Fire Prevention and Building and Safety Commission](#)
Subject: Code Comments, Proposals and Advice
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Formstack Submission For: 4202

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Indiana Code You Are Commenting On:	2012 International Building Code and ASCE7-10 (incorporated by reference into IBC2012)
Comment or Proposal:	For hospitals and other occupancy category IV buildings in northern Indiana with soil Site Class C, Table 11.6-2 of ASCE7-10 (per IBC2012) requires that the structure be designed as Seismic Design Category C whereas the same table in ASCE7-16 (per IBC2018) only requires that the structure be designed for Seismic Design Category A. This difference results in a significant fiscal impact to the design of these types of structures in northern Indiana. Seismic Design Category C results in design for a significantly higher lateral force resulting in increased member sizing for the lateral load resisting system. In addition, Seismic Design Category C triggers structural seismic detailing

requirements as well as seismic bracing of non structural components (mechanical and electrical components hanging from the structure, etc). The fiscal impact of this difference between the current code and the adopted IBC 2012 code can be several hundred thousand dollars on a large hospital construction project.

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