

From: Axiom Structures [mailto:troy@axiomstructuresfl.com]

Sent: Wednesday, July 27, 2022 11:38 AM

To: Madani, Mo

Cc: 'Juan Zertuche'; 'Alan Rodriguez'

Subject: RE: Comments/Recommendations Regarding Section 553.899 Mandatory Structural Inspection for Condominium and Cooperative, Florida Statutes

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Mo,

Good morning. Do these comments need to be in any sort of format? I am new to this process and only have two small points of information. Perhaps I could share it with you and you let me know how I would suggest it:

- 1) During visual inspections of concrete structures, a minimum of 20% of the areas having exterior concrete slab systems with column to slab interfaces, shall be visually evaluated from above and underneath. If visual evaluation cannot take place, these areas shall be scanned with infrared thermography equipment by a person competent in measuring and analyzing the results obtained therein. After either type of evaluation, an assessment shall be made by the inspector as to any void spaces or crack growth present at the measured areas. If void spaces or corrosion is noted in either visual or infrared testing, then a percentage deduction in strength of the connection in correlation to the observed amount of corrosion or void spaces shall be made by the inspector during the phase 1 assessment.
- 2) If the inspector finds a phase 2 assessment is necessary, there shall be a deadline placed by the inspector as to the time limit of any recommended emergency mitigation measures to be made by the responsible party. Further, if 90 days passes and the inspector's recommendation for phase 2 mitigation has not taken place, the inspector is no longer expected to be responsible for the assessment or mitigation of the structure and the AHJ may have cause to revoke the certificate of occupancy of the building to ensure corrective measures are taken.

Best Regards,

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