**Comment/Explanation\*:***Include your justification for your proposed change to the draft standard below.*
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I have included several proposed changes below to improve the consistency and clarity of the new protocols related to Pre-Expanded, Injectable Foam-in-Place Insulation.

**Proposed Change to the Draft Standard\***
*Use “strikethrough” and “underline” formatting to indicate all proposed changes. Changes must be shown with “hard-formatting” strikethrough and underline, not “track changes”.*

*Use a color other than red to indicate proposed changes to the draft.*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Section A-1.3.6.1. For consistency with Section A-2.1.1.6, the following changes are proposed:
	+ Section A-1.3.6.1 #4: “For CMU block installation, inspection holes shall be installed at the top and bottom of each injected cavity ~~in the bottom course of block and in the top block under the bond beam~~ .” Without this change, it may imply that holes are not needed above and below windows.
	+ Section A-1.3.6.1 #4: Add the same informative footnote contained in Section A-2.1.1.6: “(Informative Note) For example, for a wall section comprised of two-core CMU blocks and a window that is six cores wide, 24 holes would be drilled – six holes across the top of the wall, six above the window, six below the window, and six at the bottom of the wall.”
	+ Section A-1.3.6.1 #5: For consistency with the approach taken for CMU block walls, edit as follows: “For framed wall application, inspection holes shall be installed 6 inches from the top and bottom plate of the wall of each injected cavity or as prescribed by the manufacturer installation instructions, whichever requires a greater number of total inspection holes.” In addition, reference the same informative footnote cited above.
* Normative Appendix B
	+ Foundation Insulation. The characterization of CMU block walls is already addressed in the Thermal Mass section, so I believe there’s no need to include the following language proposed for this section: “~~For Concrete Masonry Unit (CMU) walls, document and record: nominal depth (thickness) of CMU in inches, number of CMU webs (either 2 or 3), CMU web insulation depth (thickness), on center distance between reinforcing CMU core pours. The Area and R-value of non-insulated reinforcing core pours and bond beams shall be broken out as separate entries in the rating software.~~ “

If this language is retained, note that it appears to conflict with Appendix C by directing users to model core pours separately whereas Appendix C includes core pours in its calculation of assembly R-value.

* + Wall Insulation Installation. The characterization of CMU block walls is already addressed in the Thermal Mass section, so I believe there’s no need to include the following language proposed for this section: “~~For Concrete Masonry Unit (CMU) walls, document and record: nominal depth (thickness) of CMU in inches, number of CMU webs (either 2 or 3), CMU web insulation depth (thickness), on center distance between reinforcing CMU core pours. The Area and R-value of non-insulated reinforcing core pours and bond beams shall be broken out as separate entries in the rating software.~~ “

If this language is retained, note that it appears to conflict with Appendix C by directing users to model core pours separately whereas Appendix C includes core pours in its calculation of assembly R-value.

* + Wall Insulation Installation. For improved clarity, I’d recommend revising #2 as follows: “For assemblies that have been insulated with FIPI but that are not CMU walls, 3D printed, or Hollow Core Walls, ~~framed walls and other cavities insulated with FIPI,~~ document and record nominal depth (thickness) of cavity in inches and framing member spacing.” This will better mirror the language used in the Thermal Mass section.