



## MEMORANDUM

**To:** Manufacturers of Factory-built Residential Structures, Approved Third-Party Inspection Agencies, Registered Sellers, Registered/Certified Installers, Participating Jurisdictions, and Authorized Independent Inspectors

**Cc:** Maulid Miskell, Program Manager, Office of Regulatory Oversight

**From:** James Martino, Program Manager, Building Codes & Standards Section

**Date:** 03/30/2020

**Re:** Thermal Expansion Control - Water Heaters

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Upon further review of adopted code by the Division of Housing it has been identified that the installation of thermal expansion controls are not consistently being installed in factory-built residential structures. Effective immediately thermal expansion controls will be required to be shown on plan submittals and installation will be field verified during inspection. This requirement is in alignment of this program's adoption of the 2018 I Code Series. Below is the specific code reference for clarity.

2018 IPC

### **607.3 Thermal expansion control**

Where a storage water heater is supplied with cold water that passes through a check valve, pressure reducing valve or backflow preventer, a thermal expansion control device shall be connected to the water heater cold water supply pipe at a point that is downstream of all check valves, pressure reducing valves and backflow preventers. Thermal expansion tanks shall be sized in accordance with the tank manufacturer's instructions and shall be sized such that the pressure in the water distribution system shall not exceed that required by Section 604.8.

