



**DATE:** July 22, 2022  
**POLICY MEMO NO.:** PM2022-0001  
**TITLE:** Provent and Sovent Type DWV Systems  
**RELATED DEPT. & DIVISION:** Development Services Department  
**TOPIC:** Plumbing  
**DECISION MAKER:** Kelly Stilwell, Building Official

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**SUMMARY:** Specialized drain, waste, and vent (DWV) fittings, such as Provent and Sovent, are engineered and designed for a single-stack vent system as per the manufacturer and should be submitted for permitting per the requirements for approval of “alternative engineered designs” under the 2021 Uniform Plumbing Code (UPC).

**CODE SECTIONS:** [2021 Uniform Plumbing Code \(UPC\)](#)

- Appendix C 601.0 Single – Stack Vent System
- 301.5 Alternative Engineered Design

**POLICY:**

To be approved as an alternative engineered design under the 2021 UPC, a single-stack vent system must meet the following requirements:

Specific Requirements at Plumbing Top Out Inspection

Plumbing top-out inspection of the DWV system shall:

1. Be under a water test;
2. Have approved plans available; and
3. Include a compliance letter from design engineer or designated representative, which must be:
  - a. Uploaded to the AB+C Portal prior to scheduling the inspection; and
  - b. Signed and dated by the design engineer or designated representative.


For top-out inspections scheduled in phases, construction plans and a compliance letter from the design engineer will be required at each phase.

Specific Requirements at Final Plumbing Inspection

Signage shall be permanently placed on-site identifying the plumbing system prior to the final plumbing inspection. The signage shall be placed at the loading dock, at the entrance to the service elevator, and in the stairwell systems of every other floor to be visible to maintenance and repair personnel.

The signage shall:

1. Identify the type of specialized fittings being used;
2. Have letter size 0.5 inches or larger; and
3. Include the following language:
  - a. "Alterations or repairs to the drain waste and vent system will require review by an engineer and a City of Austin plumbing permit."



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Kelly Stilwell, Building Official