



Community Development Department
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TO: Residents, Developers, Builders and Trade Contractors

FROM: Derik Samuelson, Building Inspector
John J. Quintanilla, Building Official

COPY: Department File

DATE 01.29.2016

Purpose of Memo:

Prohibit the use of *air admittance valves* and other types of mechanical devices and fittings with internal moving parts in plumbing venting systems in a building located within the City of Converse. Mechanical devices can fail over time which will result in sewer gases entering the home. Amendment to the International Residential Code (P3114.8 Prohibited installations) and International Plumbing Code (917.8 Prohibited installations):

- **International Residential Code P3114.8 Prohibited installations.** *Air admittance valves* without an engineered design shall not be used to vent sumps or tanks of any type.
 - **Amendment to the International Residential Code (P3114.8 Prohibited installations):**
International Residential Code P3114.8 Prohibited installations. *Air admittance valves* without an engineered design shall not be used to vent sumps or tanks of any type. *Air admittance valves* and other types of mechanical devices and fittings with internal moving parts are prohibited from installation in plumbing venting systems inside residential buildings of new construction; or inside existing residential buildings without special permission from the Building Official.
- **International Plumbing Code 917.8 Prohibited installations.** Air admittance valves shall not be installed in non-neutralized special waste systems as described in Chapter 8. Air admittance valves shall not be located in spaces utilized as supply or return air plenums. Air admittance valves without an engineered design shall not be utilized to vent sumps or tanks of any type.
 - **Amendment to the International Plumbing Code (917.8 Prohibited installations):**
International Plumbing Code 917.8 Prohibited installations. Air admittance valves shall not be installed in non-neutralized special waste systems as described in Chapter 8. Air admittance valves shall not be located in spaces utilized as supply or return air plenums. Air admittance valves without an engineered design shall not be utilized to vent sumps or tanks of any type. *Air admittance valves* and other types of mechanical devices and fittings with internal moving parts are prohibited from installation in plumbing venting systems inside new construction; or inside existing Assembly, Business, Educational, Factory, High Hazard Institutional, Mercantile, Storage, Residential and Utility buildings without special permission from the Building Official.

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