



City of Houston  
Building Code Enforcement  
**CODE WORD 2021**

INTERPRETATIONS AND APPLICATIONS OF  
THE HOUSTON ADOPTED CODES,  
2021 IBC, 2021 IRC, 2021 IFC, 2021 IEBC, 2021 UMC, 2021 UPC,  
2021 IECC and ASHRAE 90.1-2019, 2021 ISPSC, 2023 NEC,  
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<b>PUBLICATION:</b>	<b>May 1, 2024</b>				
<b>SUBJECT:</b>	<b>Alternative Pipe Material for Detention Systems “Aluminized Steel T2”</b>				
<b>CODE(S):</b>	<b>Plumbing Code</b>				
<b>SECTION(S)</b>	<b>301.3 and 701.2</b>				

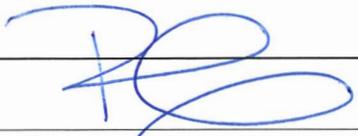
This Code Word interpretation is intended to clarify that the use of “Aluminized Steel T2” corrugated steel pipe for storm building sewer (that is part of a drainage system) or a storm public sewer for detention system applications is an acceptable equivalent material to the code specified pipe identified in Section 701.2 of the Houston *Plumbing Code* when the corrugated steel pipe has been tested in accordance with ASTM A929.

ASTM A929 is the “Standard Specification for Steel Sheet, Metallic-Coated by the Hot-Dip Process for Corrugated Steel Pipe”, or the manufacturing of corrugated steel pipe for storm sewers, culvers, drains, and similar uses. Although not specifically identified in Tables 1701.2 or 701.2 as an acceptable standard or material, “Aluminized Steel T2” corrugated steel pipe tested in accordance with ASTM A929 provides an equivalent corrosion resistant material that, for the purpose intended, meets the minimum prescribed code requirements in quality, strength, and effectiveness for detention systems.

For inspection purposes, inspectors will need to request the “Aluminized Steel T2” pipe testing information from the supplier at the time of the inspection. The testing report will provide the **heat number** and the **testing criteria** per ASTM A929 for the. The inspector will be able to verify that such testing information matches the pipe installed in the field for each specific project.

This interpretation is intended only for detention system applications and does not apply to storm building drains as defined in the Houston *Plumbing Code*.

Approved:

  
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