



# County of Fairfax, Virginia

To protect and enrich the quality of life for the people, neighborhoods and diverse communities of Fairfax County

December 21, 2018

Bruce Jenkins  
Freedom Plumbers  
7631 Coppermine Drive  
Manassas, Virginia 20109

Subject:

[REDACTED]  
[REDACTED]  
[REDACTED]

Code Reference: 2012 Virginia Residential Code

File Reference: 181217.0AD

Dear Mr. Jenkins:

This is in response to your request for a modification of Virginia Residential Code Section P3002.1, *Piping within buildings*, P3002.2, *Building sewer*, and P3002.3, *Fittings* which require drain, waste, vent, and sewer pipe and fittings to comply with the materials and reference standards listed in Tables P3002.1(1), P3002.1(2), P3002.2 and P3002.3.

Your request is to install a cured-in-place-pipe (CIPP) lateral lining inversion method system for the rehabilitation of an existing building sewer and/or building drain. This is a process in which a resin material is field fabricated, then injected into an existing sewer or drain pipe which forms a shell on the interior perimeter of the existing pipe. This process will reduce the inside diameter of a pipe by approximately 1/2-inch. The materials and the installation process follow strict requirements outlined in specific testing and practice standards such as ASTM D790, D695, F1216 and F1743. You believe that this process for relining existing building sewers and building drains is an equivalent method to providing piping system materials listed in the above referenced tables.

After due consideration, your request is approved, contingent on the following conditions:

- The existing building sewer and/or building drain (the piping) to be relined shall be limited to gravity drainage piping, 4 inches in diameter and larger.
- The piping shall be descaled and cleaned prior to the relining installation in accordance with the manufacturer's installation instructions and applicable ASTM standard(s).
- A recorded video camera survey shall be conducted following the descale and cleaning process. Water shall be thoroughly flushed through the system prior to the video. This video survey shall include verification of the project address, approximate depth of the piping, notations of cleanout and fitting locations, and length of pipe notations at intervals not to exceed 25 feet.



- The pre-installation video camera survey shall be submitted to the Building Division, along with the manufacturer's installation instructions, for review to determine the applicability of relining the piping prior to permit issuance. Videos may be uploaded at [www.fairfaxcounty.gov](http://www.fairfaxcounty.gov). Search "sewer video submission form."
- Should the review of the piping reveal incorrectly installed piping systems or defects, relining shall not be permitted. Defects include, but are not limited to, backgrade or insufficient slope, excessive pipe wall deterioration, separation caused by inadequate support, or openings in the piping system caused by tree root invasion or other intrusions.
- The relining material shall be manufactured in compliance with applicable reference standards and certified as required by Virginia Residential Code Section P2609.
- The relining installation shall be performed in accordance with the manufacturer's installation instructions and all applicable reference standards.
- Material data recordation shall be provided to the Building Division prior to receiving a final inspection. Material data recordation shall be as prescribed by the relining material manufacturer and shall include at a minimum, the location of the project, the relining material type, the amount of product installed and the conditions of the installation. Material data recordation may be uploaded at [www.fairfaxcounty.gov](http://www.fairfaxcounty.gov). Search "sewer video submission form."
- A post-installation recorded video camera survey shall be conducted after the relining installation is complete and the piping has been flushed and flow tested with water. This video survey shall include verification of the project address.
- The post-installation video camera survey shall be submitted to the Building Division for review of possible defects. Identified defects shall be repaired in accordance with the Virginia Residential Code requirements prior to a final inspection.
- A written certification, signed by the permit holder, shall be provided to the Building Division indicating that the relining materials have been installed in accordance with the Virginia Residential Code, the manufacturer's installation instructions and the applicable reference standards. Written certification may be uploaded at [www.fairfaxcounty.gov](http://www.fairfaxcounty.gov). Search "sewer video submission form."

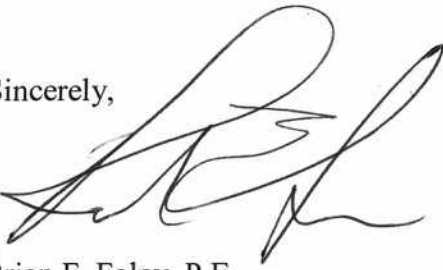
You have the right to appeal this decision to the Board of Building Code Appeals within 30 days from the date you receive this letter. You may arrange an appeal or obtain information on the appeals process by visiting the county website at [www.fairfaxcounty.gov/landdevelopment/code-interpretations-modifications-and-appeals](http://www.fairfaxcounty.gov/landdevelopment/code-interpretations-modifications-and-appeals) or by contacting the secretary to the board, Carla Guerra-Moran, at 703-324-1780, TTY 711 or [carla.guerra-moran@fairfaxcounty.gov](mailto:carla.guerra-moran@fairfaxcounty.gov).

Please have a copy of this letter available for inspectors at the job site.

This response is project specific and applies to the subject address only. Should you have any questions or need more information on this matter, please contact Richard Grace at 703-324-1687, TTY 711 or at [richard.grace@fairfaxcounty.gov](mailto:richard.grace@fairfaxcounty.gov).

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[REDACTED]  
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Page 3 of 3

Sincerely,

  
FOR

↳ Brian F. Foley, P.E.  
Building Official

cc: Code Modification Review Committee  
Dan Willham, Deputy Building Official  
James Canter, Building Inspections Chief  
Richard Grace, Building Code Services Manager  
Carla Guerra-Moran, Secretary to the Board of Building Code Appeals  
Advisory Files

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# County of Fairfax, Virginia

To protect and enrich the quality of life for the people, neighborhoods and diverse communities of Fairfax County

December 6, 2019

Ricky Salinas  
Freedom Plumbers  
7631 Coppermine Drive  
Manassas, Virginia 20109

Subject:

[REDACTED]  
[REDACTED]  
[REDACTED]

Code Reference: 2015 Virginia Residential Code

File Reference: 191202.0AD

Dear Mr. Salinas:

This is in response to your request for a modification of Virginia Residential Code Section P3002.1, *Piping within buildings*, P3002.2, *Building sewer*, and P3002.3, *Fittings* which require drain, waste, vent, and sewer pipe and fittings to comply with the materials and reference standards listed in Tables P3002.1(1), P3002.1(2), P3002.2 and P3002.3.

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You have the right to appeal this decision to the Board of Building Code Appeals within 30 days from the date you receive this letter. You may arrange an appeal or obtain information on the appeals process by visiting the county website at [www.fairfaxcounty.gov/landdevelopment/code-interpretations-modifications-and-appeals](http://www.fairfaxcounty.gov/landdevelopment/code-interpretations-modifications-and-appeals) or by contacting the secretary to the board, Carla Guerra-Moran, at 703-324-1780, TTY 711 or [carla.guerra-moran@fairfaxcounty.gov](mailto:carla.guerra-moran@fairfaxcounty.gov).

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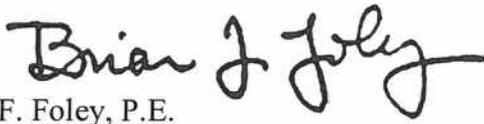
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December 6, 2019

Page 3 of 3

Sincerely,



Brian F. Foley, P.E.  
Building Official

cc: Code Modification Review Committee  
Dan Willham, Deputy Building Official  
James Canter, Building Inspections Chief  
Richard Grace, Building Code Services Manager  
Carla Guerra-Moran, Secretary to the Board of Building Code Appeals  
Advisory Files

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December 6, 2019

Ricky Salinas  
Freedom Plumbers  
7631 Coppermine Drive  
Manassas, Virginia 20109

Subject:



Code Reference: 2015 Virginia Residential Code

File Reference: 191202.1AD

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December 6, 2019

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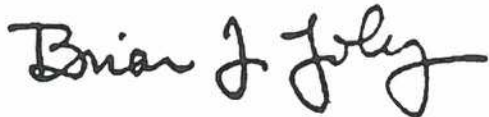
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December 6, 2019  
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Sincerely,

A handwritten signature in black ink that reads "Brian F. Foley". The signature is written in a cursive, flowing style.

Brian F. Foley, P.E.  
Building Official

cc: Code Modification Review Committee  
Dan Willham, Deputy Building Official  
James Canter, Building Inspections Chief  
Richard Grace, Building Code Services Manager  
Carla Guerra-Moran, Secretary to the Board of Building Code Appeals  
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