

CITY OF LEE'S SUMMIT  
Development Services Department  
220 SE Green Street  
Lee's Summit, MO 64063  
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**DEVSERVICES.CITYOFLS.NET**

Inspection Summary

Permit #: PRRES20191391  
Address: 1837 SW BLACKSTONE CT, LEES SUMMIT, MO 64082

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This work has been inspected and the inspection results noted below. Please schedule inspections once all corrective actions have been completed. Do not cover any work until approved.

Inspection:	Inspector:	Outcome:	Date:
<b>All Rough Inspection - Residential</b>	Steve Quaid	Failed	Tuesday, September 17, 2019

Partial Correction:

1	Miscellaneous Correction	** Loose bottom plate bolts in garage ** **HVAC Duct work is not sealed with UL 181 tape** **Missing straps at garage door header ** ** Stud shoes needed in master bath plumbing wall** ** Draft block center of fire place framing **
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Partial Correction:

2	Miscellaneous Correction	** Loose bottom plate bolts in garage ** **HVAC Duct work is not sealed with UL 181 tape**
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Corrective Action Required:

3	M1601 DUCT CONSTRUCTION	M1601.4.1 Joints, seams and connections. Longitudinal and transverse joints, seams and connections in metallic and nonmetallic ducts shall be constructed as specified in SMACNA HVAC Duct Construction Standards—Metal and Flexible and NAIMA Fibrous Glass Duct Construction Standards. Joints, longitudinal and transverse seams, and connections in ductwork shall be securely fastened and sealed with welds, gaskets, mastics (adhesives), mastic-plus-embedded-fabric systems, liquid sealants or tapes. Tapes and mastics used to seal fibrous glass ductwork shall be listed and labeled in accordance with UL 181A and shall be marked "181A-P" for pressure-sensitive tape, "181 A-M" for mastic or "181 A-H" for heat-sensitive tape.
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Tapes and mastics used to seal metallic and flexible air ducts and flexible air connectors shall comply with UL 181B and shall be marked "181 B-FX" for pressure-sensitive tape or "181 BM" for mastic. Duct connections to flanges of air distribution system equipment shall be sealed and mechanically fastened. Mechanical fasteners for use with flexible nonmetallic air ducts shall comply with UL 181B and shall be marked 181B-C. Crimp joints for round metallic ducts shall have a contact lap of not less than 1 inch (25 mm) and shall be mechanically fastened by means of not less than three sheet-metal screws or rivets equally spaced around the joint.

Closure systems used to seal all ductwork shall be installed in accordance with the manufacturers' instructions.

Exceptions:

- 1.Spray polyurethane foam shall be permitted to be applied without additional joint seals.
- 2.Where a duct connection is made that is partially inaccessible, three screws or rivets shall be equally spaced on the exposed portion of the joint so as to prevent a hinge effect.
- 3.For ducts having a static pressure classification of less than 2 inches of water column (500 Pa), additional closure systems shall not be required for continuously welded joints and seams and locking-type joints and seams of other than the snap-lock and button-lock types.

**Comments:**