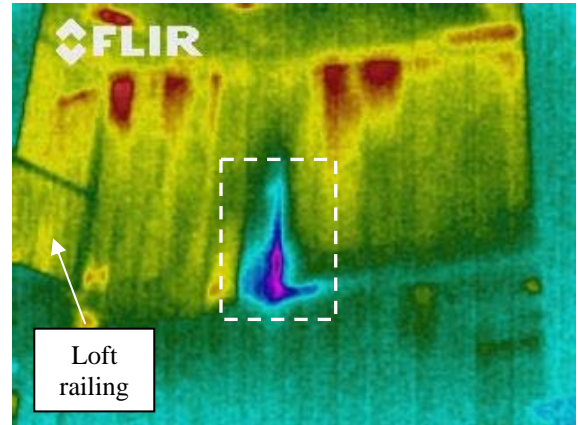


Scenario # 7; Infrared imaging used to detect a refrigeration/duct leak inside a wall



When Infrared imaging was performed a “cold spot” from an apparent refrigeration/duct leak and/or drywall covered supply duct was noted at the 1st/2nd floor transition on the middle of the living room wall between the loft and the passage to the master bedroom.

The concern is for loss of performance in the HVAC system as well as condensation forming inside the wall which may lead to wood rot, damage to wall board, and/or microbial/fungal (mold) growth with the associated damage and hazards if condition is not addressed.

Pictured above is the infrared imaging on the 1st/2nd floor transition on the middle of the living room wall between the loft and the passage to the master bedroom. The blue/purple areas indicate cool temperatures (“cold spots”); 64-degrees +/- compared with temperatures of 78-degrees +/- on rest of wall/ceiling areas.

It is suggested a licensed HVAC contractor be consulted for further evaluation and repair as required.

If mold is discovered on the rear side of the drywall a mold remediation specialist should be consulted