

# Dual-View Thermal Imaging Report

17017 n 12th street

Prepared for: Mr & Mrs Pushee

Prepared by: DEC Building Consultants, LLC  
8426 E. Shea Blvd.  
Scottsdale, AZ 85260  
17017 N 12th st  
For the Pushees

Date: April 14 2010

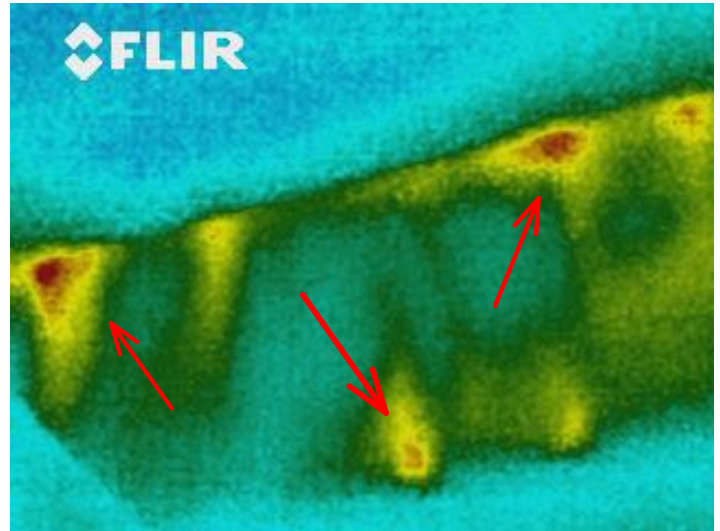
Time of Day: 3:00pm

Ambient Temperature: 87F

Wind Speed: 3mph

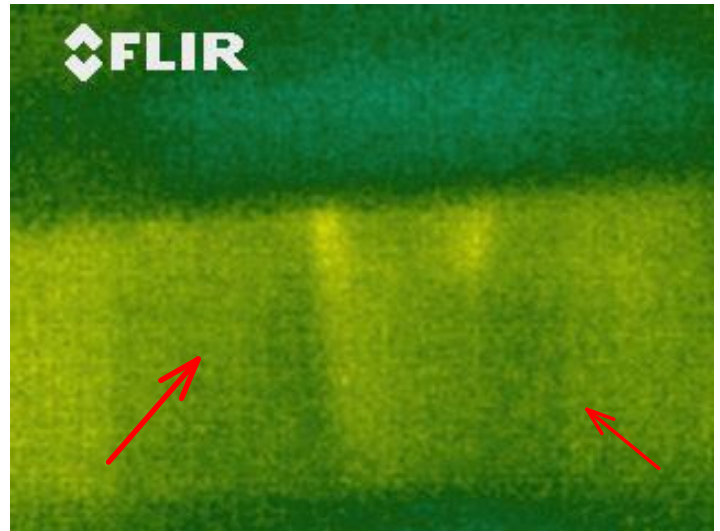
Relative Humidity: 14%

## DEC Infrared Imaging Report



Location Floor: 2dn FLOOR  
 Location Room: LIVING ROOM OVER DOOR

**Observations:**  
 The red areas are gaps and voids in the wall allowing hot spots into the room.



Location Floor: 2ND FLOOR  
 Location Room: LOOKING TOWARD DINNING ROOM

**Observations:**  
 The light yellow is wall/ ceiling withpor insulation whic is heating up the room.

## DEC Infrared Imaging Report



Location Floor: 2DN FLOOR  
 Location Room: LOOKING AT SOUTH BEDROOM WALL

**Observations:**

The bedroom wall exposed to the exterior at the corner lacks proper insulation and will heat up the room. the yellow vertical squares are perfect out lines of how the batt insulation should be.

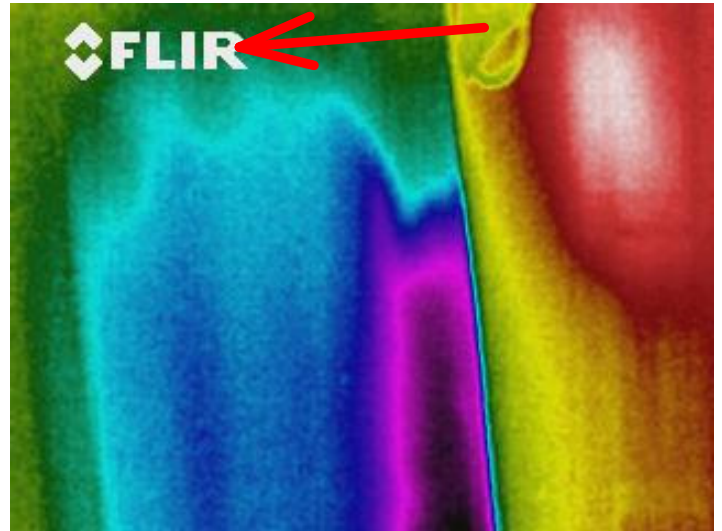


Location Floor: 2ND FLOOR  
 Location Room: BEDROOM CEILING

**Observations:**

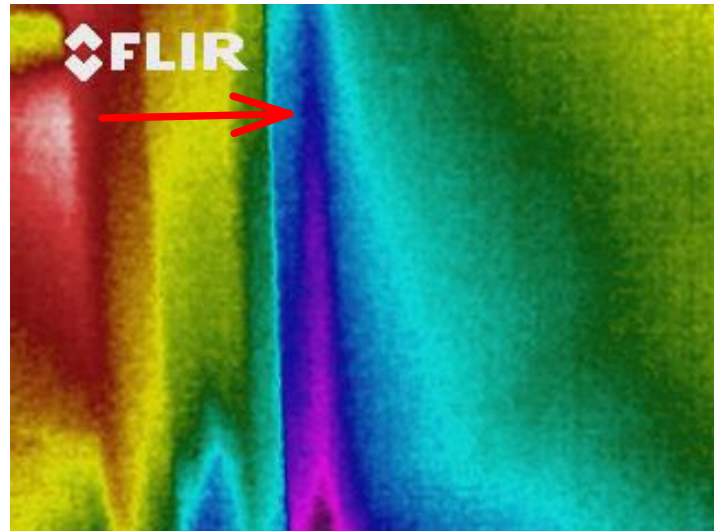
The yellow is the missing / poor insulation in the ceiling . The missing batts can be seen.

## DEC Infrared Imaging Report



Location Floor: 2ND Floor  
Location Room: Storage closet;

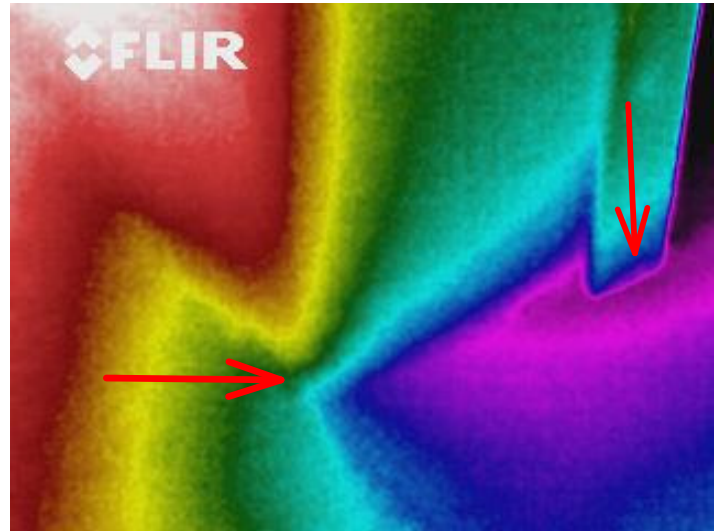
**Observations:**  
The leve that the moisture has wicked up the wal can be seen , just above the round sticker



Location Floor: 2nd floor  
Location Room: Storage closet

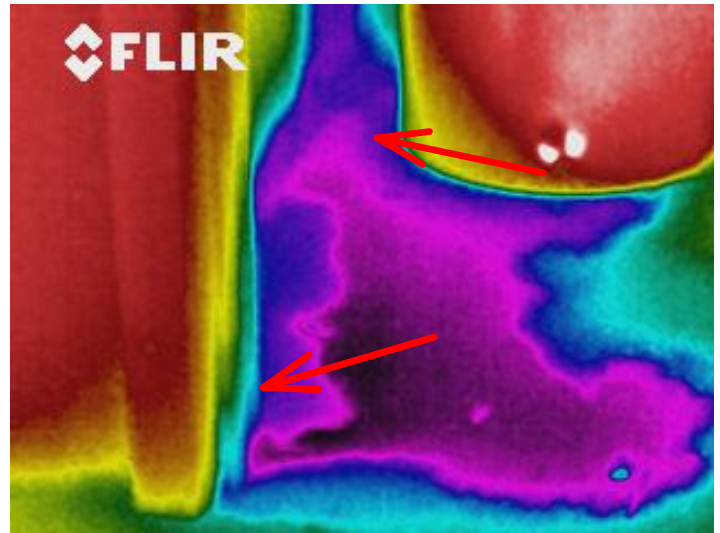
**Observations:**  
the moisture has wicked up the door frame to just above the door stryker plate

## DEC Infrared Imaging Report



Location Floor: 2nd floor  
Location Room: exterior storage door

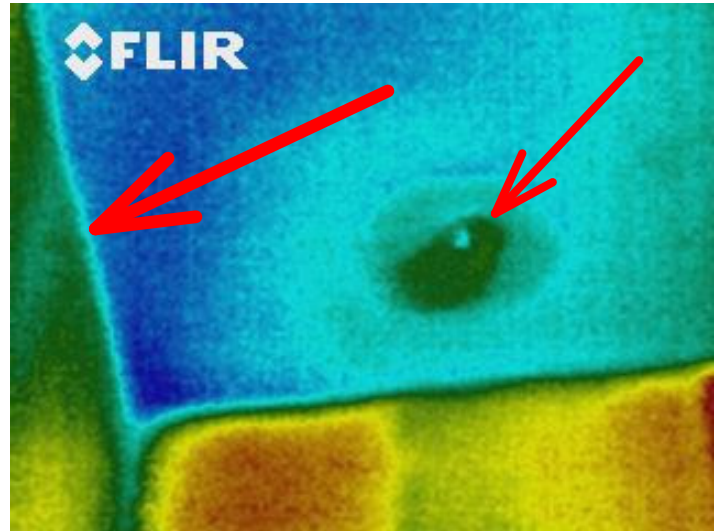
**Observations:**  
The moisture has permeated the concrete and has flow into the crack in the deck downward.



Location Floor: 2nd floor  
Location Room: storage room

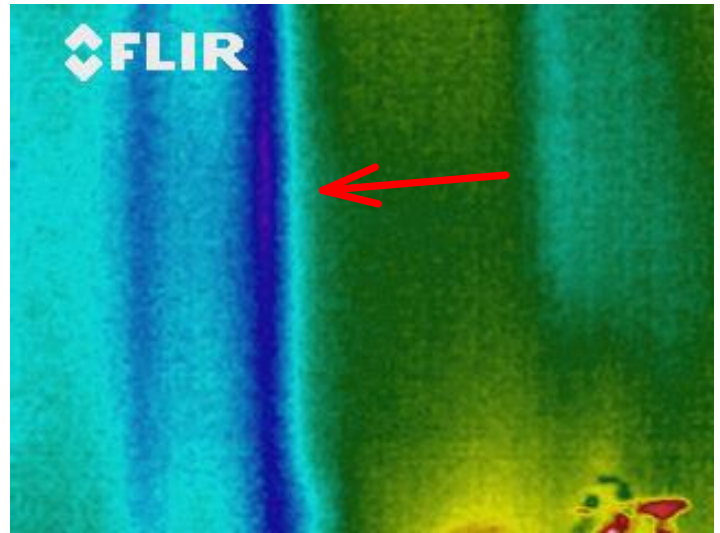
**Observations:**  
The water plume can be seen flowing toward the two corners of the enclosure

## DEC Infrared Imaging Report



Location Floor: 1st floor  
Location Room: storage under leaky water heater

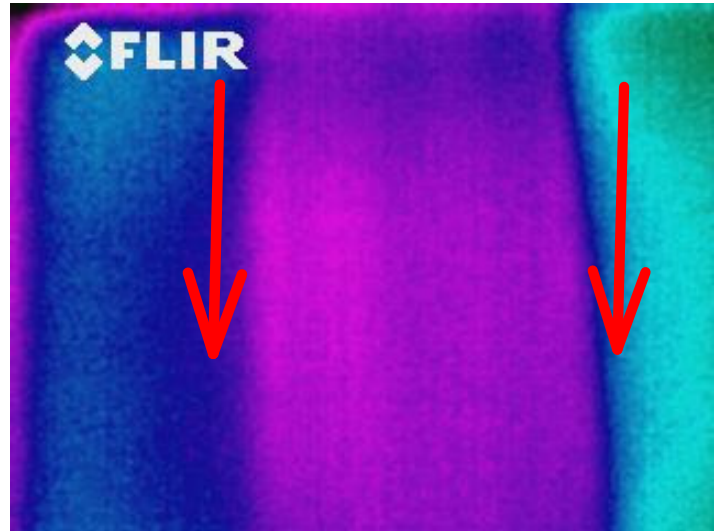
**Observations:**  
The entire ceiling is loaded with water, the water has broken through and that this has been going on for at least a week or more.



Location Floor: 1st floor  
Location Room: storage closet

**Observations:**  
The wall has water flowing through it the dark blue is wet / the corner is acing as a channel.

## DEC Infrared Imaging Report



Location Floor: 1st floor  
Location Room: storage room

**Observations:**  
standing back the back wall is permeated from top to bottom with moisture.

**DEC Infrared Imaging Report Summary**

Location Floor: 2dn FLOOR - Location Room: LIVING ROOM OVER DOOR

Observations: The red areas are gaps and voids in the wall allowing hot spots into the room.

Location Floor: 2ND FLOOR - Location Room: LOOKING TOWARD DINNING ROOM

Observations: The light yellow is wall/ ceiling withpor insulation whic is heating up the room.

Location Floor: 2DN FLOOR - Location Room: LOOKING AT SOUTH BEDROOM WALL

Observations: The bedroom wall exposed to the exterio at the corner lacks proper insulation and will heat up the room. the ywllow vertical squares are perfect out lines of how the batt insulation should be.

Location Floor: 2ND FLOOR - Location Room: BEDROOM CEILING

Observations: The yellow is the missing / poor insulation in the ceiling . The missing batts can be seen.

Location Floor: 2ND Floor - Location Room: Storage closet;

Observations: The leve that the moisture has wicked up the wal can be seen , just above the round sticker

Location Floor: 2nd floor - Location Room: Storage closet

Observations: the moisture has wicked up the door frame to just above the door stryker plate

Location Floor: 2nd floor - Location Room: exterior storage door

Observations: The moisture has permiated the concrete and has flowinto the crack in the deck downward.

Location Floor: 2nd floor - Location Room: storage room

Observations: The water plume can be seen flowing toward the two corners of the enclosure

Location Floor: 1st floor - Location Room: storage under leaky water heater

Observations: The entire ceiling is loaded with water, the water has broken through and that this has been going on for at least a week or more.

Location Floor: 1st floor - Location Room: storage closet

Observations: The wall has water flowing trough it the dark blue is wet / the corner is acing as a channel.

Location Floor: 1st floor - Location Room: storage room

Observations: standing back the back wall is permiated from top to bottom with moisture.

## DEC Dual-View Imaging Report

The Infrared was done with a Flir B-2 camera . The moisture archived the delta T by means of evaporation on a 87 degree day.