

**Inspection Location:**

Name  
Street Address  
City, State, & Zip

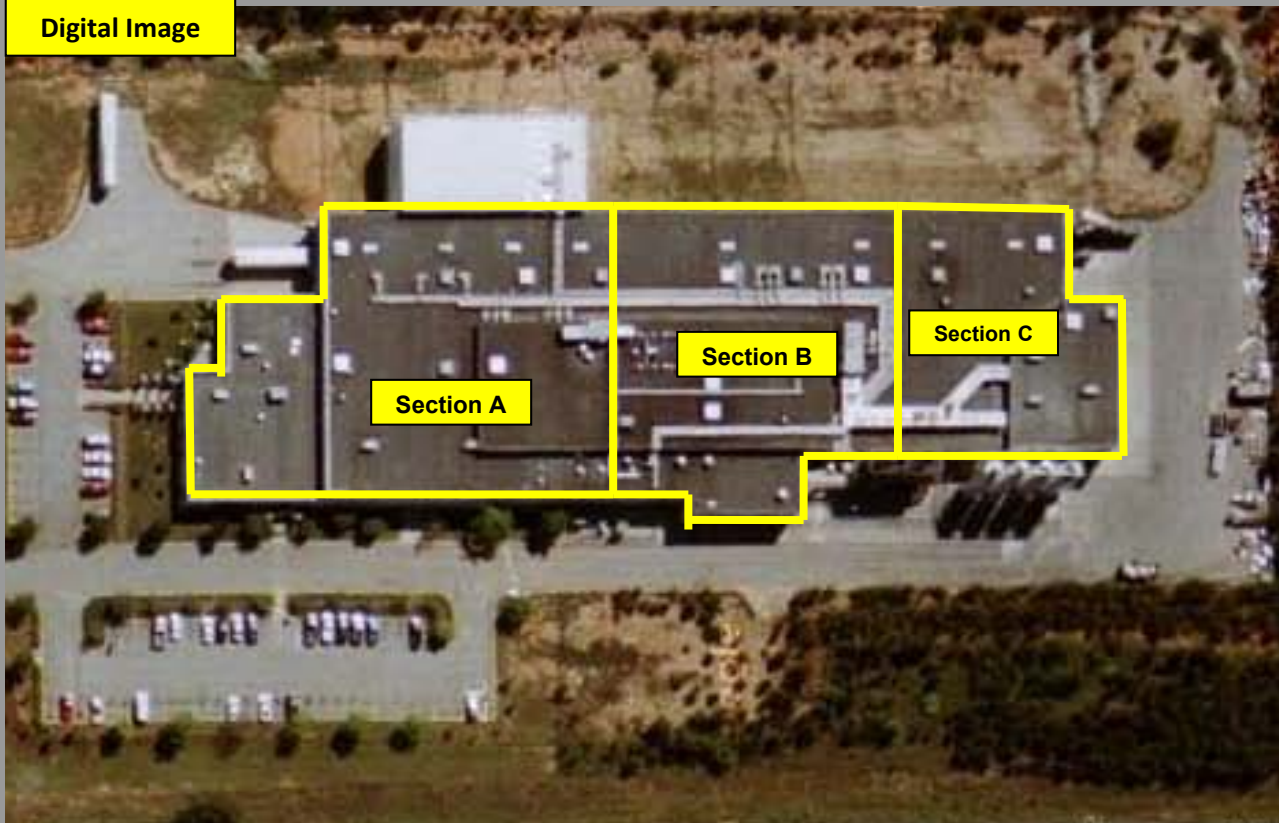
**Inspection Date:**

November 14, 2009  
6:30 p.m.

**Report Date:**

November 19, 2009

Digital Image



**How does Infrared Imaging show roof leaks?**

After the sun goes down, the water trapped in a roof system retains heat much longer than the surrounding dry areas. The scan is carefully taken after the energy source (sun) is removed allowing the thermal image to capture the different temperatures on the roof surface during the thermal equalization state.

The red areas within the report indicate warmer areas and may upon further investigation reveal water saturated roof areas. However, often the red areas may be a mere reflection off a curb or masonry wall, heating units, or other conditions of no real concern.

**Thermographer & Pilot: David L. Welch**

**Thermographer & Camera Technician: Roger Gray**

*Reports are prepared and are opinion only, based on thermal signatures collected. Conclusions require a field audit.*

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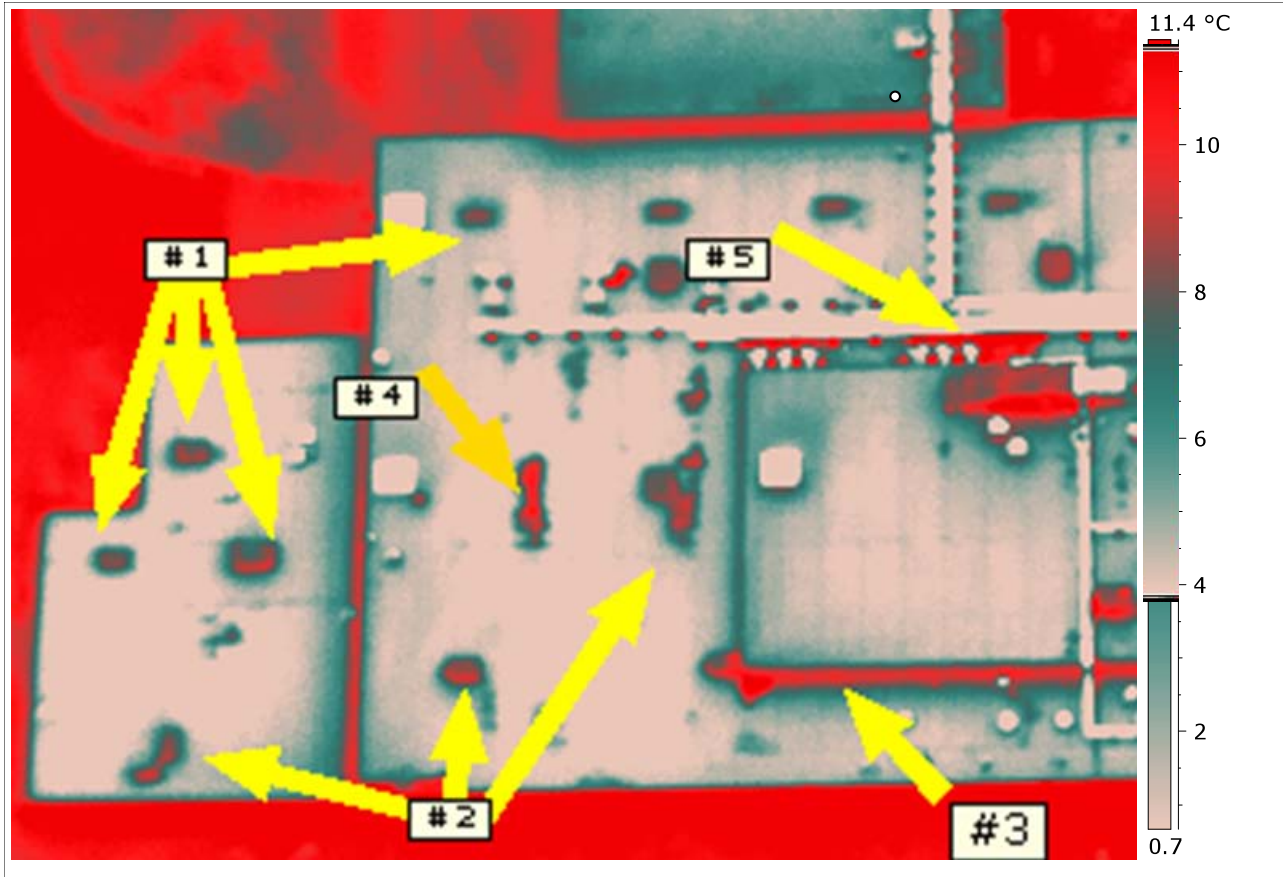
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**Section A ( Enlarged 2X):**

Area #1 - Partial areas may be reflections off units. Field Verification needed to determine.

Area #2- Partial areas may be reflections off units. Irregular migrating patterns indicate areas of concern.

Area #3 - Partial areas may be reflections off Masonry wall. Corner migrating pattern may be area of concern. Field Verification needed to determine.

Area #4 - Area of extreme concern.

Area #5 - Partial areas may be reflection off duct work. Migrating red patterns may be from upper or lower roof areas which indicate areas of concern. Field verification needed to determine.

**Thermographer & Pilot: David L. Welch**

**Thermographer & Camera Technician: Roger Gray**

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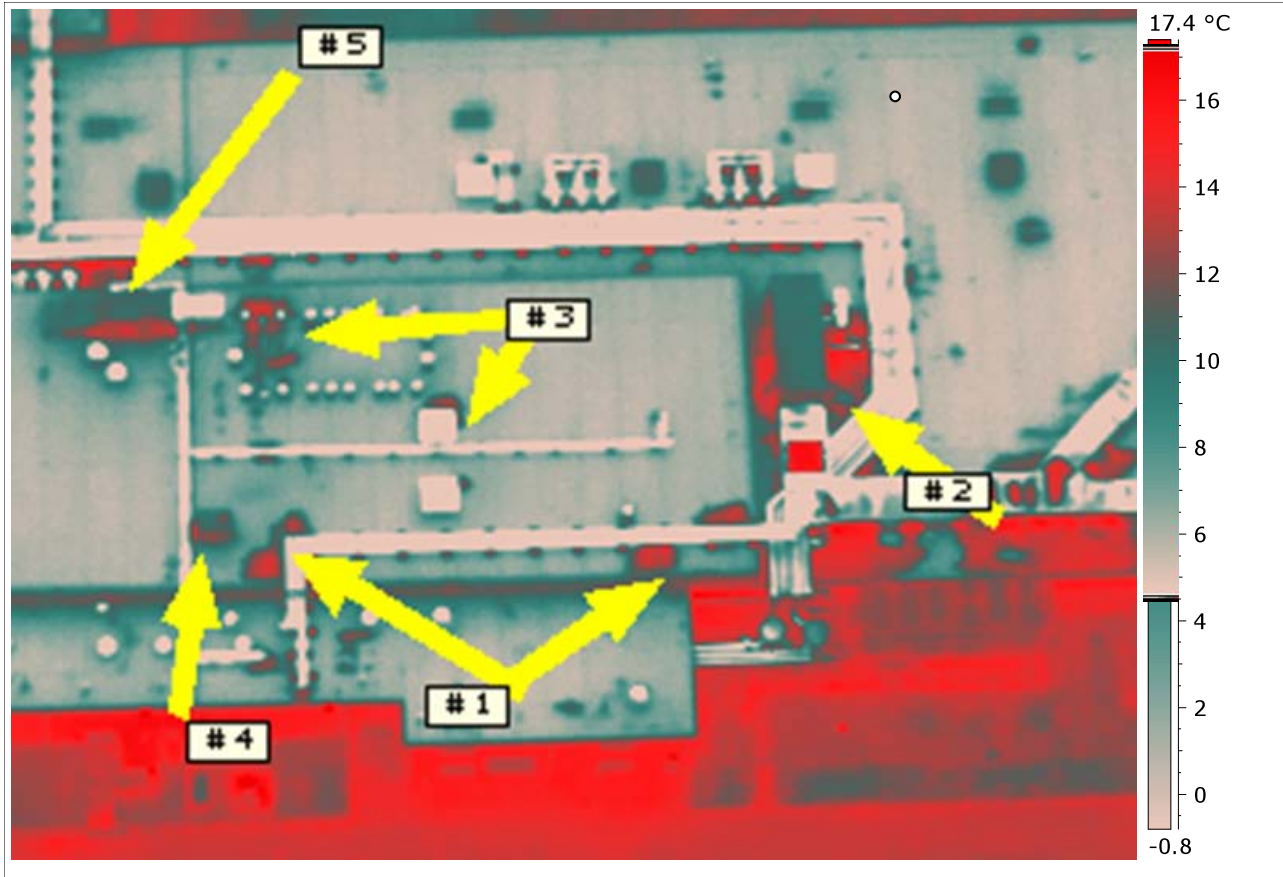
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**Section B (enlarged 2X):**

Area #1- Partial areas may be reflections off masonry wall. Irregular migrating patterns may be area of concern. Field Verification needed to determine.

Area #2- Partial areas may be reflection off duct work. Migrating red patterns indicate areas of extreme concern. Field verification needed to determine.

Areas #3 & #4- Partial areas may be reflection off units. Migrating red patterns indicate areas of extreme concern. Field verification needed to determine.

Area #5- Partial areas may be reflection off duct work. Migrating red patterns indicate areas of extreme concern. Field verification needed to determine.

**Thermographer & Pilot: David L. Welch**

**Thermographer & Camera Technician: Roger Gray**

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**Inspection Location:**

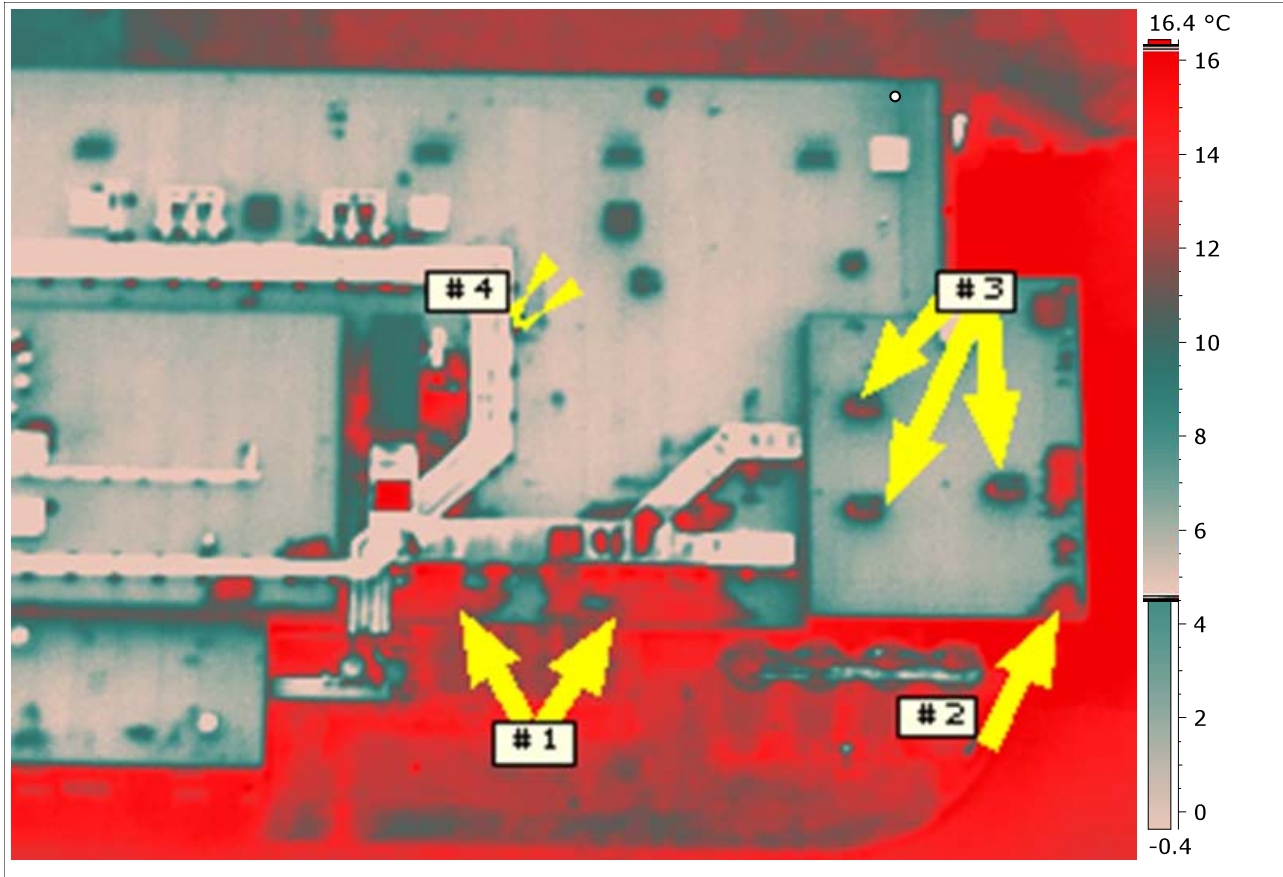
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**Section C ( Enlarged 2X):**

Area #1- Partial areas may be reflection off duct work. Migrating red patterns indicate areas of extreme concern. Field verification needed to determine.

Area #2 – Areas of concern due to the irregularity patterns along edge of roof.

Area # 3- Partial areas may be reflection off units. Migrating red patterns indicate areas of extreme concern. Field verification needed to determine.

Area #4- Also shown in section B; Partial areas may be reflections off units. Migrating patterns indicate areas of extreme concern. Field verification needed to determine.

**Thermographer & Pilot: David L. Welch**

**Thermographer & Camera Technician: Roger Gray**

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