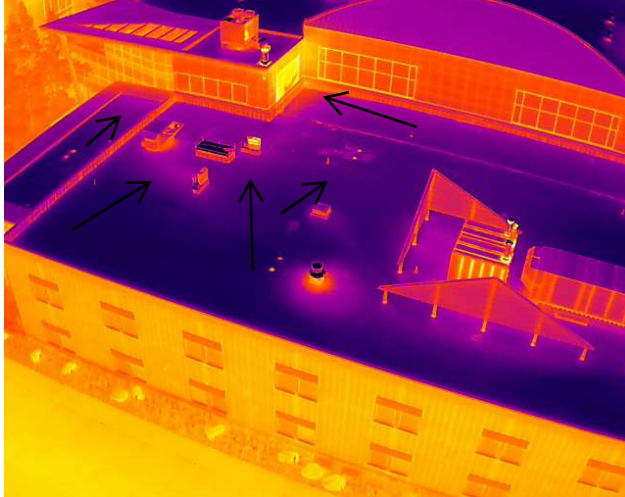




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Thermographic Imaging of the ANPCC Roof for Moisture
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DJI_20250619005134_01... 6/19/2025 12:51:34 AM

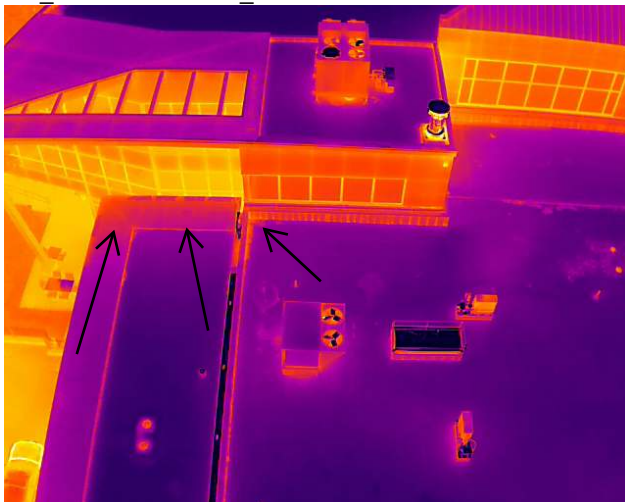


DJI_20250619005134_01... 6/19/2025 12:51:34 AM

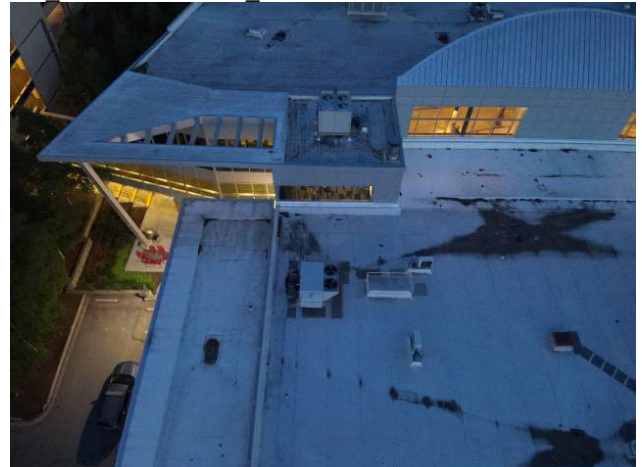


Comment: The walls sections at column S0 and N5 between PCC 1 and PCC 3 have significant air leakage at the roof to wall joint that over time has driven vapor into the roofing and degraded the dens deck and caused the PVC roof delaminate from the substrate. The impact of relying on the roofing membrane as the primary air barrier is the shortened life and eventual failure of the roofing system due to the moisture loading of the roof in a cold climate over time.

DJI_20250619005757_01... 6/19/2025 12:57:57 AM



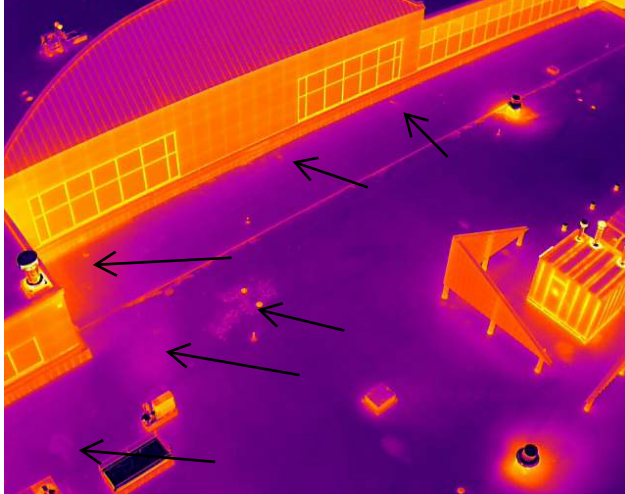
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AK Native Primary Care Center Bldgs I,II, III
Roof IR Report 6-18-2025 & 6-20-2025
Thermographic Imaging of the ANPCC Roof for Moisture
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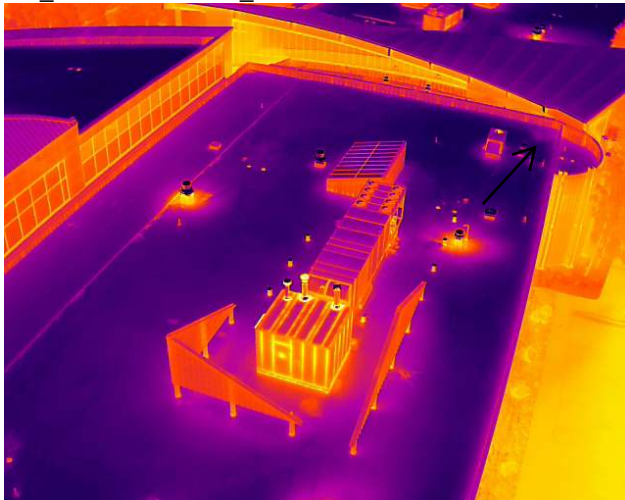
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DJI_20250619005804_01... 6/19/2025 12:58:04 AM



DJI_20250619005812_01... 6/19/2025 12:58:12 AM



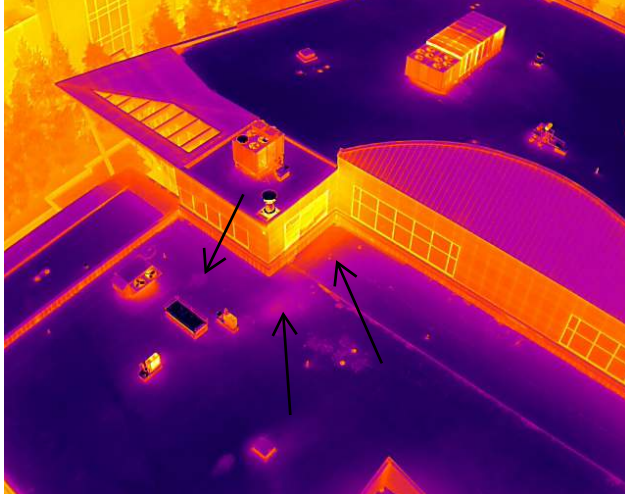
DJI_20250619005812_01... 6/19/2025 12:58:12 AM





AK Native Primary Care Center Bldgs I,II, III
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Thermographic Imaging of the ANPCC Roof for Moisture
Detection & Heat Loss.

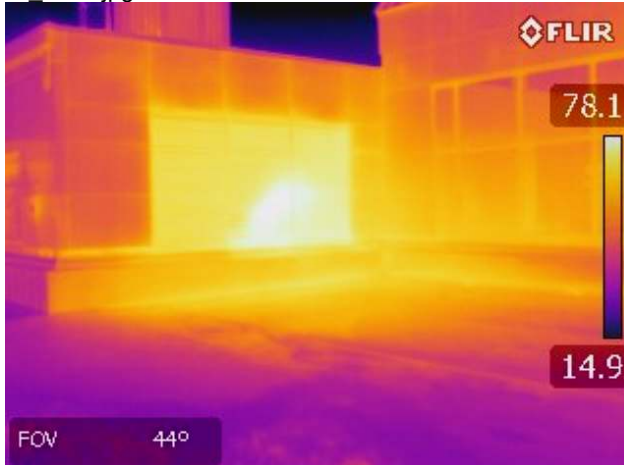
DJI_20250619003904_00... 6/19/2025 12:39:04 AM



DJI_20250619003904_00... 6/19/2025 12:39:04 AM



IR_3239.jpg 6/20/2025 1:52:23 AM



DC_3240.jpg 6/20/2025 1:52:23 AM





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Thermographic Imaging of the ANPCC Roof for Moisture
Detection & Heat Loss.

IR_3307.jpg

6/20/2025 2:08:35 AM



DC_3308.jpg

6/20/2025 2:08:35 AM



IR_3251.jpg

6/20/2025 1:54:37 AM



DC_3252.jpg

6/20/2025 1:54:37 AM





AK Native Primary Care Center Bldgs I,II, III
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Thermographic Imaging of the ANPCC Roof for Moisture
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IR_3247.jpg

6/20/2025 1:53:57 AM



DC_3248.jpg

6/20/2025 1:53:57 AM



IR_3243.jpg

6/20/2025 1:53:26 AM



DC_3244.jpg

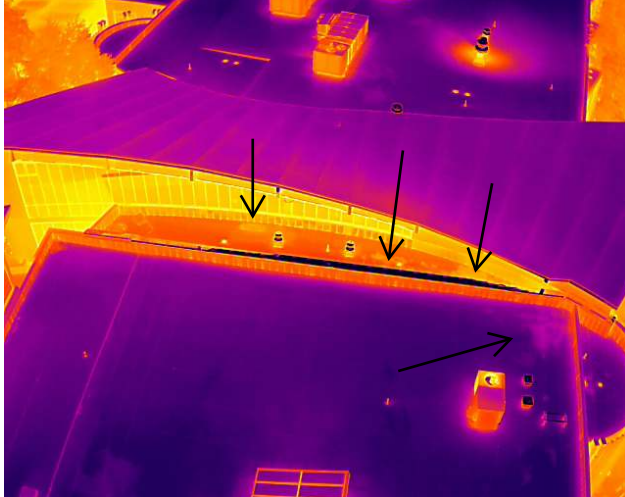
6/20/2025 1:53:26 AM



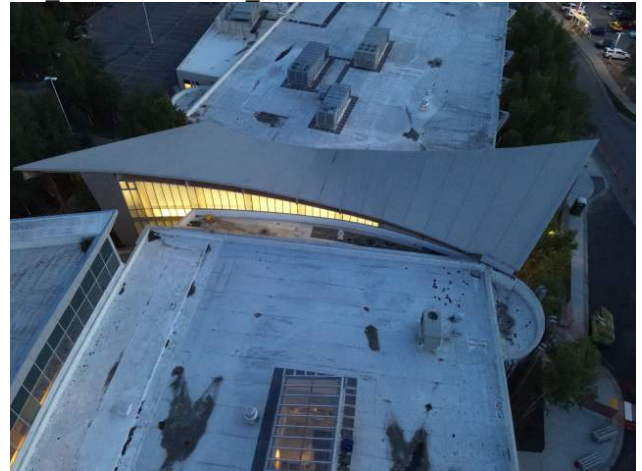


AK Native Primary Care Center Bldgs I,II, III
Roof IR Report 6-18-2025 & 6-20-2025
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Detection & Heat Loss.

DJI_20250619003732_00... 6/19/2025 12:37:32 AM



DJI_20250619003732_00... 6/19/2025 12:37:32 AM

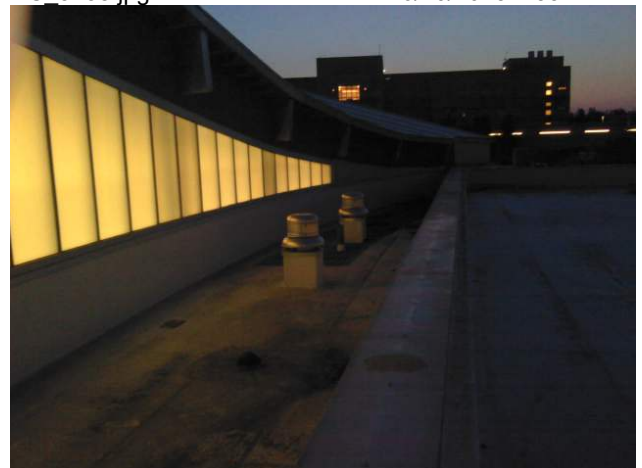


Comment: The pool areas located between PCC1 and the Main Lobby has puddling in the insulation at the north side and center. The roof to wall joints and wall section below the clerestory windows has increased air leakage.

IR_3257.jpg 6/20/2025 1:55:22 AM



DC_3258.jpg 6/20/2025 1:55:22 AM

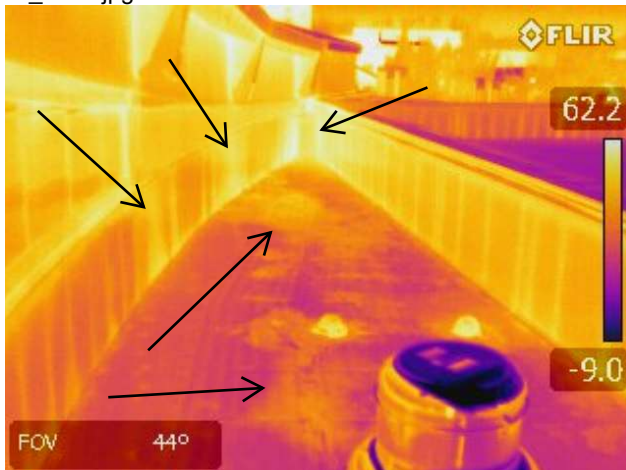




AK Native Primary Care Center Bldgs I,II, III
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Thermographic Imaging of the ANPCC Roof for Moisture
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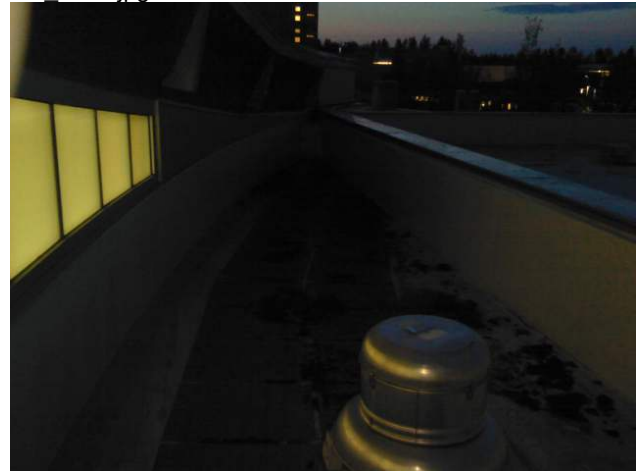
IR_3269.jpg

6/20/2025 1:57:39 AM



DC_3270.jpg

6/20/2025 1:57:39 AM



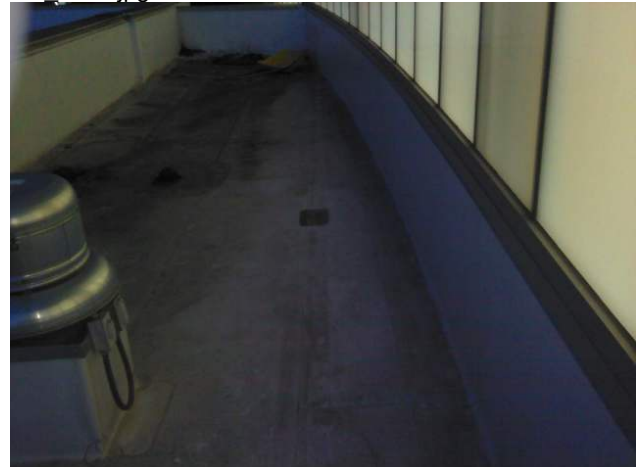
IR_3265.jpg

6/20/2025 1:57:00 AM



DC_3266.jpg

6/20/2025 1:57:00 AM





AK Native Primary Care Center Bldgs I,II, III Roof IR Report 6-18-2025 & 6-20-2025 Thermographic Imaging of the ANPCC Roof for Moisture Detection & Heat Loss.

PCC #3 Roof

DJI_20250619004048_00... 6/19/2025 12:40:48 AM

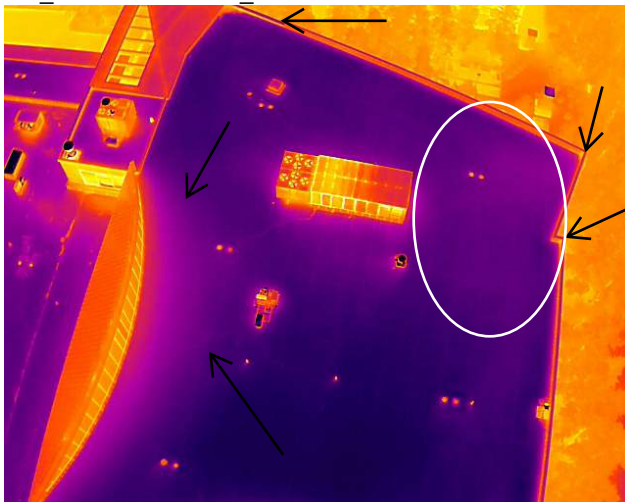


DJI_20250619004049_00... 6/19/2025 12:40:48 AM

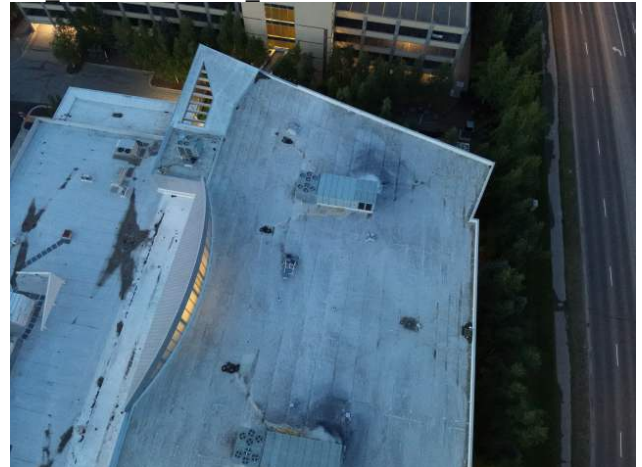


Comment: PCC 3 Roof shows heavy moisture loading at Grid line SH & S5.1 due to air leakage at both corners. The curved signature in front of the curtain wall along Column S1 has an anomalous signature with the center of the signature east of the curtain wall. The moisture loading at the curtain wall does match other moisture logged roofing layers and appears to be similar damp conditions caused by air leakage associated with the roof to wall joint.

DJI_20250619004146_00... 6/19/2025 12:41:45 AM



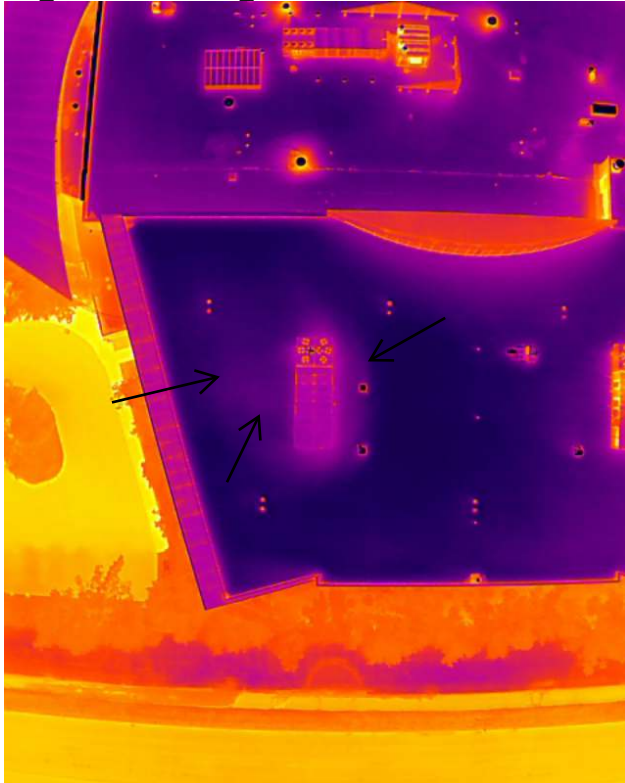
DJI_20250619004146_00... 6/19/2025 12:41:46 AM



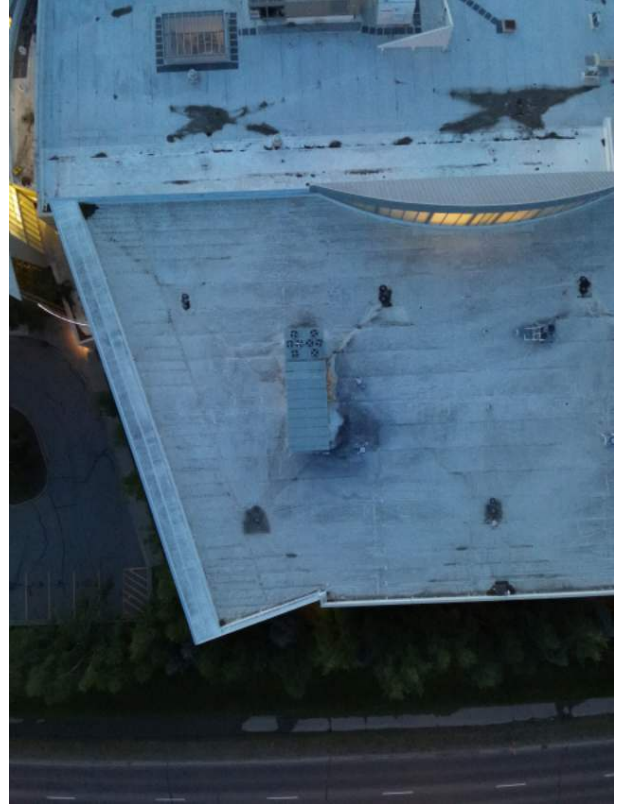


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Roof IR Report 6-18-2025 & 6-20-2025
Thermographic Imaging of the ANPCC Roof for Moisture
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DJI_20250619004108_00... 6/19/2025 12:41:08 AM

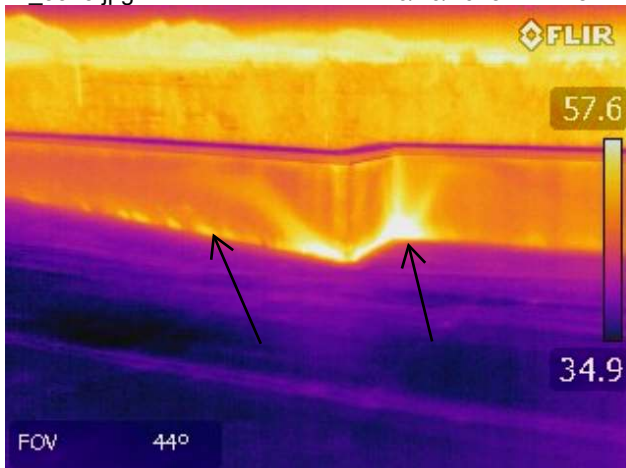


DJI_20250619004129_00... 6/19/2025 12:41:28 AM



Comment: The PCC 3 West side of the roof has a damp signature wrapping around the west HVAC RTU. Below the parapet walls of PCC3 had significant air leakage signatures at building corners. Where significant air leakage signatures were found the PVC roofing and parapet walls could typically be observed ballooning.

IR_3325.jpg 6/20/2025 2:12:28 AM



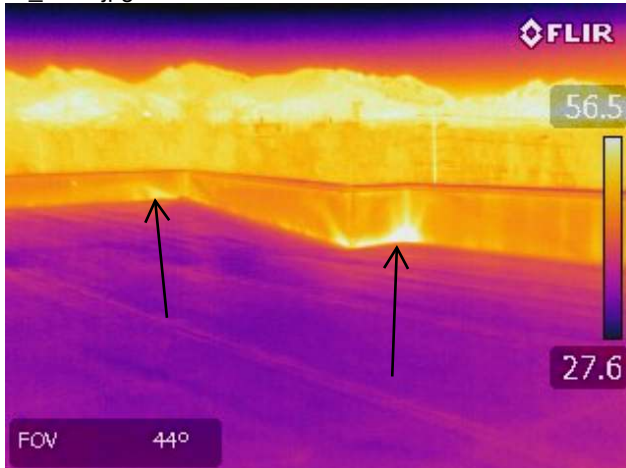
DC_3326.jpg 6/20/2025 2:12:28 AM





AK Native Primary Care Center Bldgs I,II, III
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Thermographic Imaging of the ANPCC Roof for Moisture
Detection & Heat Loss.

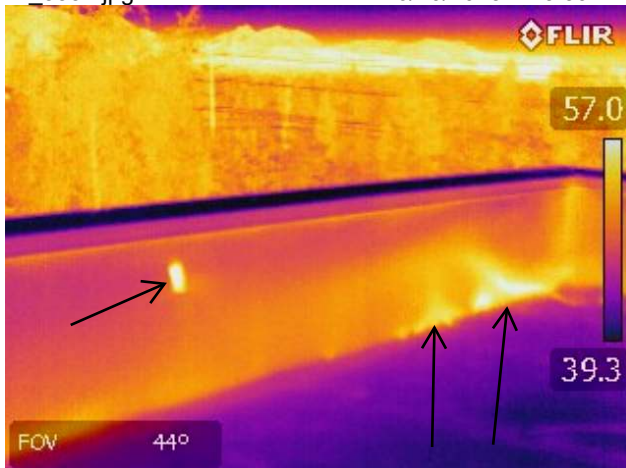
IR_3323.jpg 6/20/2025 2:12:10 AM



DC_3324.jpg 6/20/2025 2:12:10 AM



IR_3331.jpg 6/20/2025 2:13:59 AM



DC_3332.jpg 6/20/2025 2:13:59 AM

