



Building Climatization Update

February 18, 2025



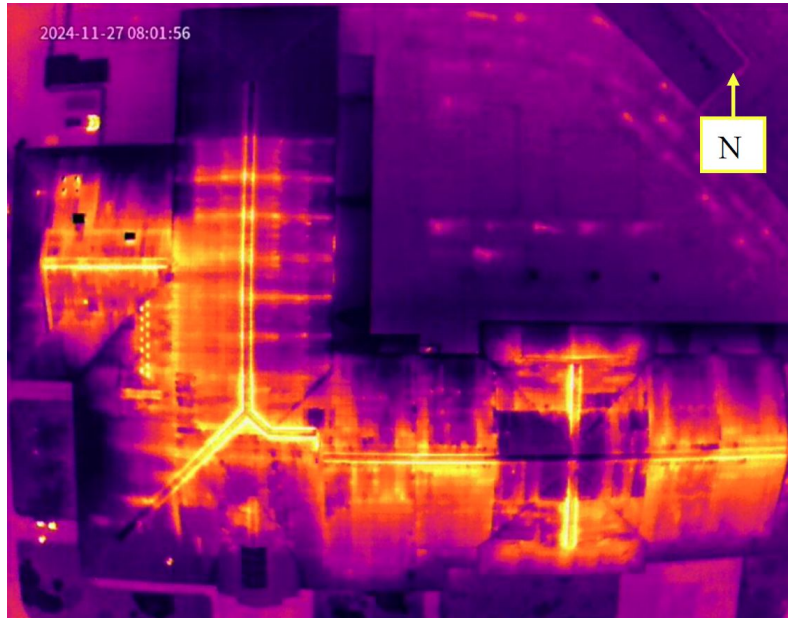
Every student is empowered to learn in an inclusive setting and is prepared for the future of their choice!

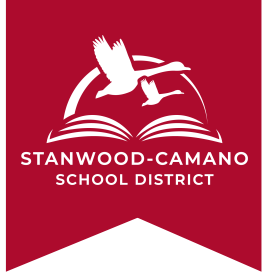
Building picture



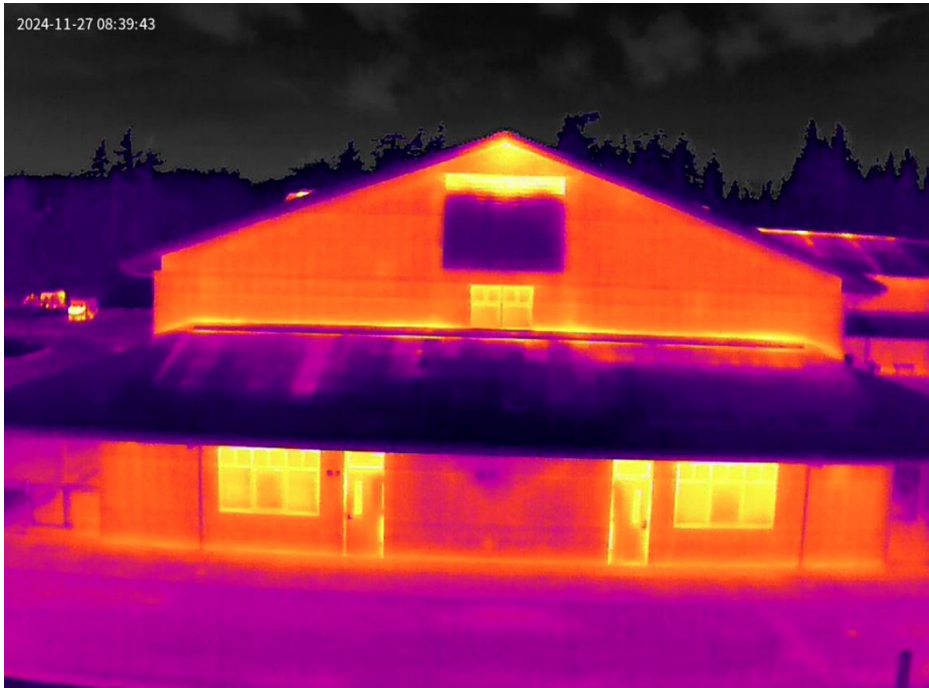
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Building picture with heat loss



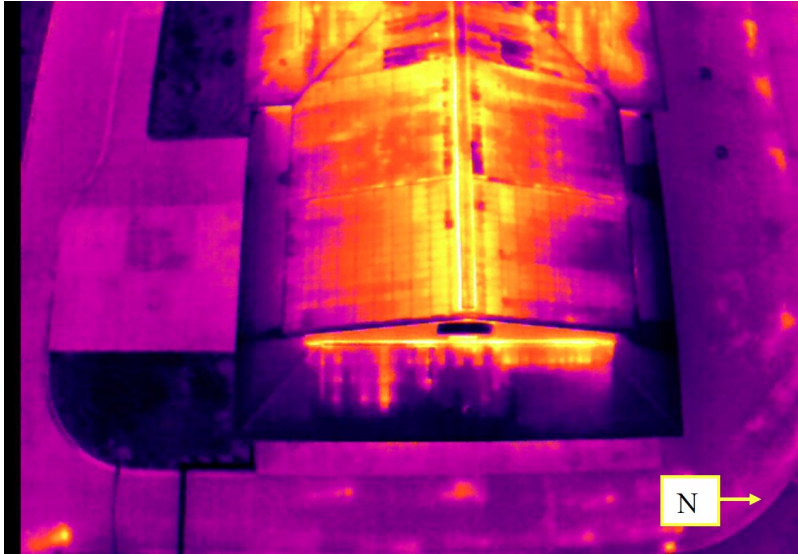


Picture of heat loss imaging

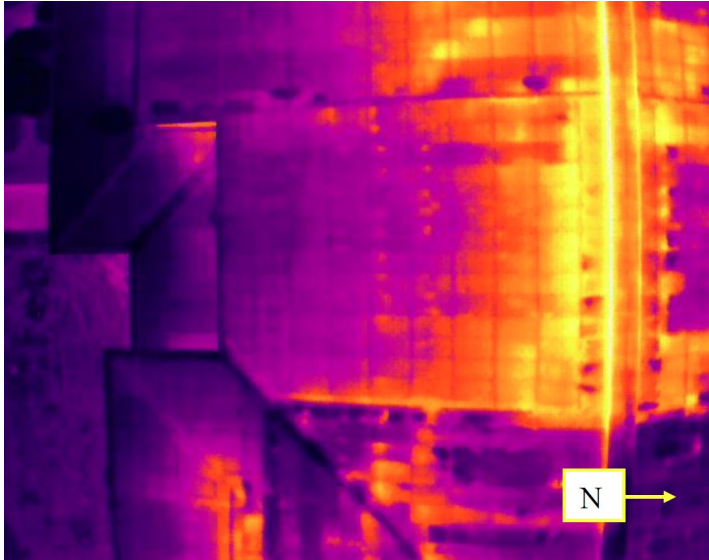


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Additional areas showing heat loss



Additional areas showing heat loss





List of recommendations by consultant

Extensive roof and wall repairs may be cost prohibitive

Following are the more cost effective recommendations:

- ◆ Select area removal and replacement of existing roof insulation/vapor retarder
- ◆ Commission and rebalance the HVAC system
- ◆ Seal open gaps at transitions, penetrations, and seams
- ◆ Insulate fire suppression lines in problem areas
- ◆ Insulate mechanical systems and associated piping

Up to \$40,000 in repairs to be reimbursed by Risk Pool +

Up to \$2.50 Per Sq. Ft. reimbursed by Cascade Natural Gas



Deficiencies Observed



Missing batt insulation



Open insulation gaps



Open insulation gaps



Deficiencies Observed



Open air gaps



Open to outside air
gaps



Vapor barrier gap
and missing
insulation



Next steps...

Repairs that will be completed by our Maintenance Dept:

- ◆ Add heat tape on water pipes in problem areas
- ◆ Apply pipe insulation to select sprinkler piping
- ◆ Restore existing vapor barrier/insulation in select areas

Repairs to be conducted by external contractors, up to budget estimate of \$100,000:

- ◆ Replace batt insulation with R30/R45 foil faced rigid insulation at advised locations
- ◆ Replace all exterior door seals
- ◆ Commission and rebalance the HVAC system
- ◆ Install the mechanical system insulation and heaters recommended by the mechanical system study