

**Ashland-Greenwood Public Schools  
Special Building Disbursements - January 21, 2013**

**Page**

<b>Check</b>	<b>Payable to</b>	<b>Amount</b>	<b>Description</b>	<b>Date</b>
001422	Kingery Construction	\$ 376.62	Reimbursable Costs	1/21/2013
001428	CBS SIGNS INC	\$ 3,937.00	Signage	1/21/2013
001429	Gana Trucking & Excavating, Inc	\$ 3,292.50	Site Work Final	1/21/2013
001430	Midwest Steel Works Inc	\$ 188.00	Misc Steel Final	1/21/2013
001431	Security Fence, Inc.	\$ 1,225.00	Fencing Final	1/21/2013
001432	Seeds of Life Inc	\$ 2,673.65	Landscaping Final	1/21/2013
INC	CBS SIGNS	TBD	FINAL	

Authorized by:

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**Ashland-Greenwood Public Schools' Claims****General Fund Claims****January 21, 2012**

<b>Check #</b>	<b>Vendor</b>	<b>Amount</b>	<b>Description</b>
030668	Seminole Retail Energy Services	\$ 3,414.83	Natural Gas
030669	Jacqueline L. Fudge	\$ 404.00	Custodial/Main: Uniform Shirt
030670	Ashland-Greenwood Payroll Account	\$ 261,427.52	Net Payroll
030671	AGEA	\$ 2,592.00	Employee Dues
030672	Blue Cross and Blue Shield of Nebraska	\$ 84,508.93	Payroll Employee Health Ins
030673	Centennial Bank	\$ 10,646.31	Payroll Section 125 Deduct
030674	Credit Management Services	\$ 299.68	Employee Garnishment
030675	DISCOVER	\$ 60.46	Employee Garnishment
030676	Guardian	\$ 823.93	Payroll Employee Life Prem
030677	Madison National Life	\$ 1,131.64	Payroll LTD Insurance Prem
030678	MidAmerica 403b	\$ 1,965.00	Payroll Annuity Deduction
030679	Ashland-Greenwood Payroll Account	\$ 11,592.31	Payroll State Tax Wthhldg
030680	Ashland-Greenwood Payroll	\$ 89,456.49	Payroll Federal Tax Wthhldg
030681	Retirement	\$ 75,097.15	Payroll Retirement Wthhldg
030682	TheStandard	\$ 817.42	Employee Vision Plan
030683	AmSan	\$ 3,052.70	Custodial: Supplies
030684	Ashland Auto Parts	\$ 57.42	Maintenance: Supplies
030685	Ashland Disposal Service	\$ 215.00	Custodial: Waste Removal
030686	Ashland-Greenwood Hot Lunch	\$ 232.95	Instruction: PS Staff Meals
030687	Bishop Business Equipment Co Inc	\$ 1,857.45	Instruction: Copier Use
030688	Cass County NE	\$ 138.12	Bd of Ed: General Election Fee
030689	CGS Music dba Robert Popek	\$ 584.00	Music: Instrument Repair
030690	Brooke L Cheleen	\$ 219.27	Physical Therapy Services
030691	City Of Ashland	\$ 1,845.50	All Areas: Water & Sewer
030692	Demco Inc.	\$ 102.27	K-5 Media: Supplies
030693	Dietze Music House	\$ 27.95	Instrumental Music: Supplies
030694	Esu #2	\$ 13,449.80	Sped: Speech Therapy
030695	Falcon Heatin & Air-Cond. Inc	\$ 165.00	Maintenance: Labor
030696	Father Flanagan's Boys' Home	\$ 7,330.75	Sped: Student Tuition
030697	General Fire and Safety	\$ 466.45	Fire Panel/kitchen hood inspect.
030698	GovConnection Inc.	\$ 47.98	Instructional Tech: Computer
030699	Grainger	\$ 608.50	Maintenance: Water Cooler
030700	Greenwood/Midwest Farmers Coop	\$ 17.50	Maintenance: Bobcat Tire repair
030701	Jennifer S Haralson	\$ 1,711.68	Visually Impaired Services
030702	Inland Truck Parts & Service	\$ 54.44	Transportation: Parts
030703	Danielle Kleber	\$ 250.00	Pupil Support: WR trainer
030704	Matheson Tri-Gas, Inc/Linweld	\$ 38.69	Voc Ag: Supplies
030705	Gerard Lusienki	\$ 116.20	Gen Business: GF Checks
030706	Magnified Vision	\$ 3,430.00	Sped: Vision equipment
030707	MCI Communications Services	\$ 69.74	Long Distance Service
030708	Meininger Fire Protection Inc	\$ 280.00	Qtrly Fire Sprinkler Inspect.
030709	Menard Inc	\$ 132.23	Maint: Supplies & Parts

**Ashland-Greenwood Public Schools' Claims****General Fund Claims****January 21, 2012**

<b>Check #</b>	<b>Vendor</b>	<b>Amount</b>	<b>Description</b>
030710	Nebraska.gov	\$ 9.00	Drivers Record Checks
030711	Nebraska DOL /Office of Safety	\$ 252.00	Annual Boiler Inspect.
030712	Omaha Paper Co Inc	\$ 325.96	Paper Supplies
030713	One Source, Inc	\$ 43.00	Employee Background Checks
030714	Omaha Public Power District	\$ 9,047.35	All Areas: Electricity
030715	Pearson Education	\$ 709.00	HS Reg. Inst.: Textbooks
030716	Perry, Guthery, Haase & Gessf	\$ 770.00	Admin: Legal Fees
030717	Phi Delta Kappa, Int'l Hdqr	\$ 90.00	Supt: Member Dues
030718	Pitney Bowes Postage By Phone	\$ 500.00	All Areas: Postage
030719	Pitney Bowes Global Financial Serv	\$ 41.64	Gen Business: Supplies
030720	Platte Valley Sanitation Inc	\$ 325.00	Custodial: Waste Removal
030721	Ralston Public Schools	\$ 248.70	Sped: Hearing Services
030722	Katie Richards	\$ 130.50	Fall Activity Worker
030723	Saunders Medical Center	\$ 100.00	Transportation: Employee Physical
030724	Solution One	\$ 251.03	Instruction: Copier Use
030725	Sparkling Klean	\$ 5,696.00	Custodial: Janitor Services
030726	Saint Elizabeth Regional Medical Center	\$ 190.00	Pupil Support: MS Concussion
030727	Todd Valley Plbg. & Htg	\$ 31.61	Maintenance: Parts
030728	Trane U S Inc	\$ 4,700.00	Maintenance: Annual Contract
030729	Carol Tucker	\$ 152.25	Fall Activity Worker
030730	United Rental	\$ 320.71	Scissor Lift Rental
030731	U.S. Post Office	\$ 250.00	Postage
030732	Voyager Fleet Systems, Inc.	\$ 2,850.09	Transportation: Fuel
030733	Wahoo-Waverly-Ashland Newspapers	\$ 168.96	Board of Ed: Adv. & Printing
030734	Seth Wiese	\$ 36.25	Fall Activity Worker
030735	Beverly Wliggs	\$ 2,105.73	Occupational Therapy
030736	Williams Sales & Service	\$ 527.62	Transportation: Repairs 91 GM
030737	Windstream	\$ 373.99	Local Telephone Service
030738	Ashland Auto Parts	\$ 44.41	Maintainence: Tool/Supplies
030739	Gumdrop Books	\$ 1,204.23	Elem media: Library books
030740	Lincoln Family Med. Group	\$ 250.00	Employee Annual Physical
030741	Menard Inc	\$ 401.17	Maintenance: Supplies
030742	PayFlex Systems USA Inc	\$ 301.60	Employee Benefit
030743	US Mechanical Service Inc	\$ 393.00	Maintanance: Services
030744	VISA	\$ 84.39	UPS Shipping Charges, Books
030745	Voss Electric Co	\$ 204.60	Custodial: Supplies
030746	Administrative Operations Acct	\$ 322.13	Supplies, Postage, Mileage, Permits

**Incompletes**Father Flanagan's Boys' Home  
Seminol/Post RockDecember 2012 Tuition  
Natural Gas

**Asnland-Greenwood Public Schools' Claims**  
**General Fund Claims**  
**January 21, 2012**

<b>Check #</b>	<b>Vendor</b>	<b>Amount</b>	<b>Description</b>
	U Save Foods Inc/Nash Finch		Supplies, Food

Authorized By:

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## PROJECT SUMMARY

		\$ 414,743.00	Original Budget
Kingery Management Services	\$ 47,300.00		
Kingery Aid to Construction	\$ 33,311.40		
Vendor Contracts	\$ 330,218.52		
		\$ 410,829.92	Anticipated Final Costs
		\$ (3,913.08)	Savings

<b>Additional Work Completed.</b>
● Change CMU Masonry to Integral Colored
● Painted Existing Building @ Football Field
● Installed Sod instead of Seeding @ Football Field
● Added Turf Irrigation @ Football Field
● Modified Signage at Both Sites
● Additional Fencing at Track
● Remove & Replace Deteriorated Walks @ Track
● Added Counters in Press Box
● Gate Removal & Reinstallation @ Football Field

(This will save in maintenance costs)

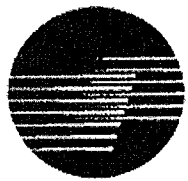
Esteemed Members of the Board of Education,

In the event that we have student athletes qualify for the State Wrestling Tournament at the CenturyLink Center in Omaha, I am requesting permission for overnight travel. There are times when we will have early weigh-ins and with the late session this season, we may wrestle later in the night. We will be staying at the Candlewood Suites in Omaha, NE that is only a short drive from the CenturyLink if necessary. If there are any questions you would like answered please contact me.

Yours truly,  
Dan Beranek  
Head Wrestling Coach  
Ashland-Greenwood Public Schools



**ASHLAND – GREENWOOD PUBLIC SCHOOLS  
AND**



***TRANE***<sup>™</sup>

**Partners On A Performance Contract  
For  
Facility Improvement Measures**

**Preliminary Report**

January 17, 2013



**TRANE**

# Energy Use Benchmark Report

See how your facility compares to similar buildings.

## Ashland-Greenwood Middle/High School

Thank you for giving us the opportunity to review this facility's energy use. The following report benchmarks the building's energy consumption against other similar middle/high school buildings in the same geographic region.

### Why energy use matters

For most businesses, energy use is a major expense. Saving energy saves money. An energy-efficient building can offer many additional advantages:

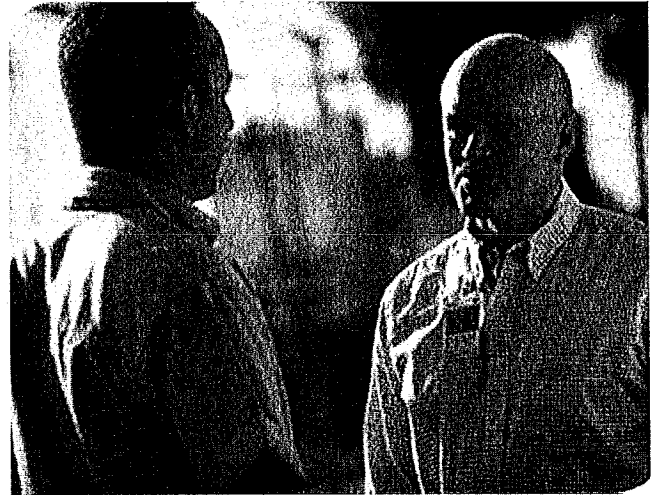
- Energy efficient "green" buildings command higher rent and have higher occupancy rates
- Environmentally responsible businesses enjoy positive public perceptions that boost customer loyalty
- Socially and environmentally responsible businesses may be more appealing to conscientious investors

These are just a few of the potential benefits.

### Opportunities for improvement

Even the best-performing buildings have room for improvement. In older buildings, equipment upgrades and even simple modifications to operational practices often yield big dividends.

In 2009, the California Energy Commission, in conjunction with the U.S. Department of Energy, completed a study of 643 new and existing buildings across the United States--addressing nearly 100 million square feet of commercial space. The study uncovered over 10,000 energy-related deficiencies, an average of 15 deficiencies per building. Most related to controls and building automation systems (BAS).



On average, when these deficiencies were corrected, the buildings realized a 16 percent reduction in energy cost, with a payback timeframe of 2.1 years.

### Improving energy efficiency

After reviewing these results with your Trane representative, you may want more in-depth information. Trane can provide a detailed facility audit and analysis, which may reveal the need for additional actions.

Your next steps may include:

- Value analysis to identify improvement actions with the best ROI potential
- Implementation of prioritized action items
- Activation of a service agreement to help hold and sustain performance gains
- Continuous monitoring by Trane to identify further cost-avoidance opportunities, and to maintain energy efficiency throughout the year





# Report Methodology

## Trane Energy Analyzer Tool

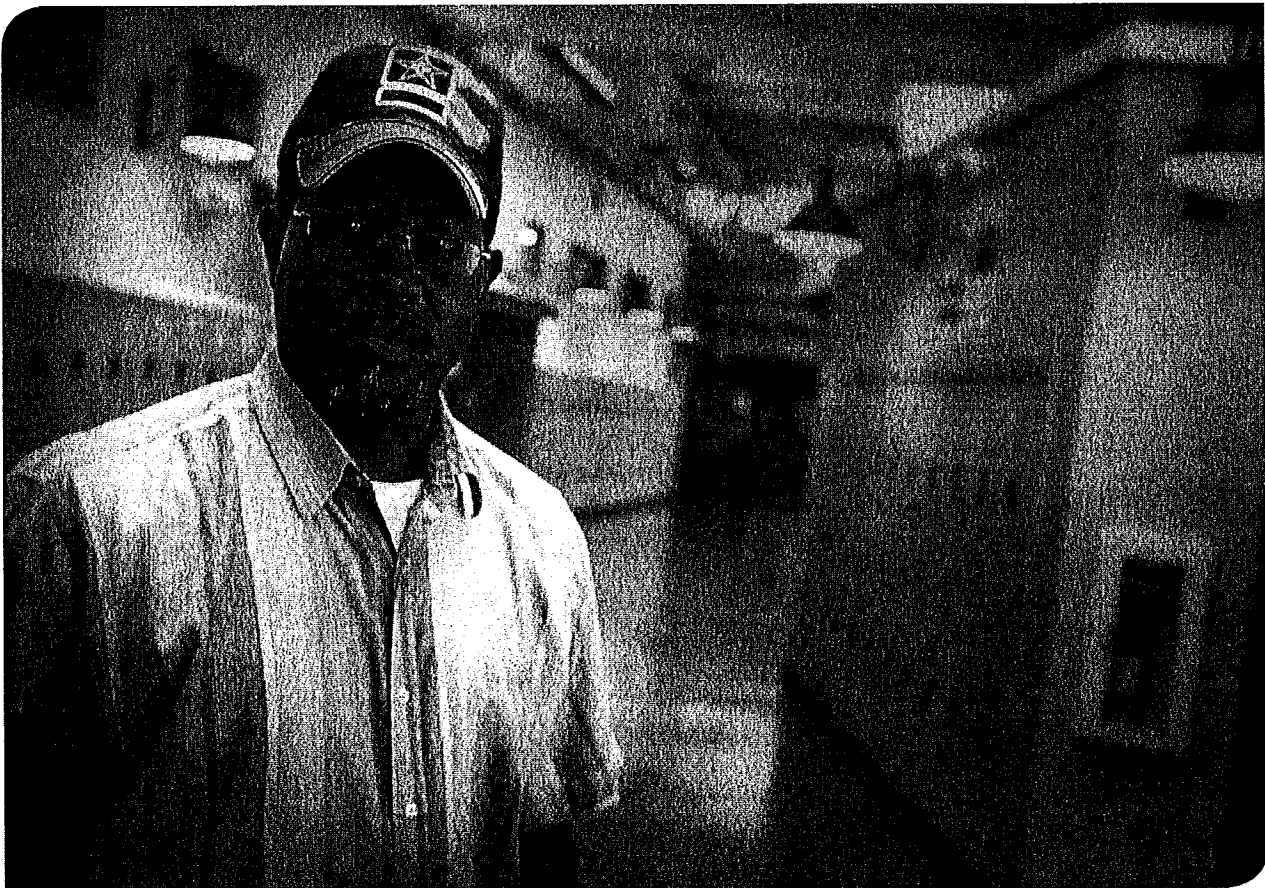
This report was generated by the exclusive Trane Energy Analyzer Tool. This comparative analysis tool provides quick preliminary evaluations of HVAC systems based on energy and economic performance. It provides comparisons against similar buildings serving the same organizational purpose within the same geographic region and local climate.

### Comparisons

The assessed facility was compared to average and high-performing sustainable middle/high school buildings located within the same geographic region.

**Average Peer Buildings.** Local peer building averages are based on data provided by the Commercial Buildings Energy Consumption Survey (CBECS) from the U.S. Energy Information Administration.

**Energy-Efficient, Sustainably Designed Buildings.** Statistics and figures are based on data from buildings that were designed and constructed using state-of-the-art, energy-efficient technologies, and that employ operations and maintenance best practices to sustain best-in-class energy efficiency.





# Utility Cost per Square Foot

## Ashland-Greenwood Middle/High School

Utility cost per square foot is a common metric for comparing middle/high school buildings within the same geographic region.

The cost per square foot of the assessed facility was determined by adding utility bills for the past 12 months, then dividing the total by the usable area (sq. ft) of the building.

### Results

**\$1.03**

per Square Foot

#### Your Building

Assessed facility's utility cost normalized by building size

**\$1.14**

per Square Foot

#### Average Peer Buildings

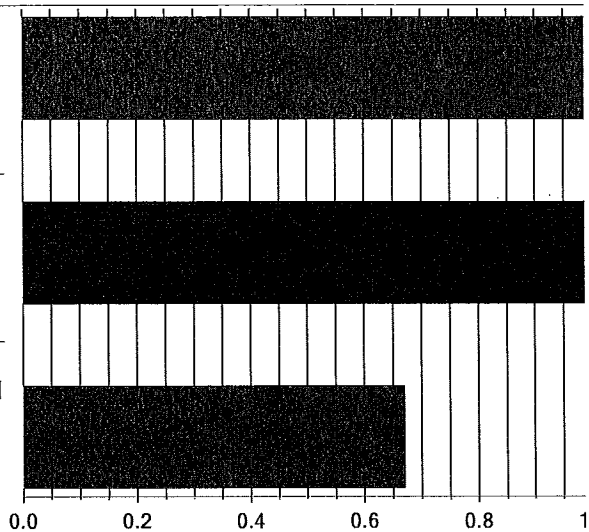
Utility cost of similar facilities in your area, normalized by building size

**\$0.67**

per Square Foot

#### Energy-Efficient, Sustainably-Designed Buildings

This is the normalized utility cost of sustainably designed buildings



If your energy costs rate at or below the level of Energy-Efficient, Sustainably-Designed Buildings--congratulations! You'll want to protect and even improve on this accomplishment over the long term by implementing a proactive service and maintenance agreement and/or performance monitoring program.

"Average" utility costs are an indication that building systems and operational practices are average, as well. A detailed audit of your building systems and maintenance approach will detect ways to reduce utility costs and give your organization a competitive advantage.

Facilities with higher-than-average utility costs typically have the greatest opportunity to reduce utility spending without sacrificing comfort or productivity, and without a major financial outlay. Trane professionals can uncover immediate cost-saving opportunities through a more detailed analysis of the building.



# Energy Use (kBtu) per Square Foot

## Ashland-Greenwood Middle/High School

This assessment converts all forms of energy consumed--electricity, natural gas, fuel oil, propane or steam--into a standard unit of measurement: kBtu. This numerical standardization allows you to compare the total amount of energy your building uses to the energy use of similar structures around the world, regardless of their energy source and independent of energy costs.

kBtu per square foot of the assessed building was determined by adding up the total energy use for the past 12 months, converting the various fossil fuels into kBtu, and then dividing the total by the usable area of your building.

### Results

**57.9**

**Your Building**  
Assessed facility's utility kBtu normalized by building size

kBtu per Square Foot

**75.8**

**Average Peer Buildings**  
Utility kBtu of similar facilities in your area, normalized by building size

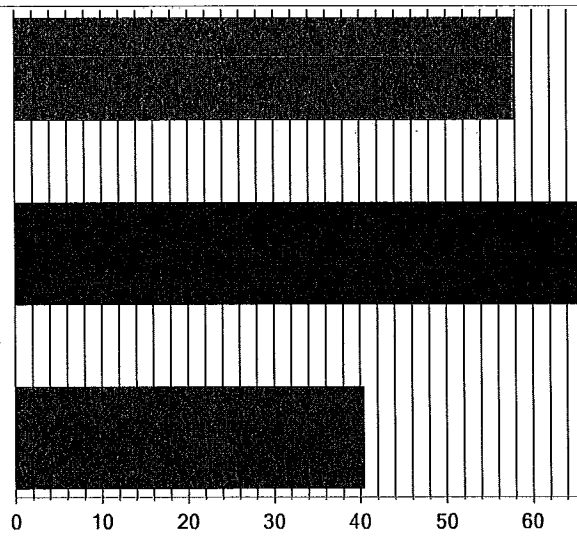
kBtu per Square Foot

**40.4**

**Energy-Efficient, Sustainably-Designed Buildings**

This is the normalized utility kBtu of

kBtu per Square Foot sustainably designed buildings



If the energy use in the assessed facility is at or below the level of energy-efficient, sustainably-designed buildings, you can be proud of your facilities management practices. Trane can help you protect and sustain this performance through service agreements and monitoring packages.

"Average" kBtu per square foot consumption indicates there is room for immediate improvement. Trane professionals can work with you to discover ways to reduce energy use (and the related costs) and gain a competitive advantage.

A building with high kBtu consumption may put you at a competitive disadvantage. It costs more to operate and may have comfort control issues, as well. A more detailed audit by Trane professionals will produce cost-effective ways to reduce energy use without compromising comfort.



**TRANE**

# Technical Feasibility Study

*Ashland-Greenwood Middle/High School*

## Current Conditions

The high school building underwent major changes during the 2010 time frame when new middle school building square feet were added and a portion of the building had a major HVAC renovation. The new construction, offices, music and cafeteria/serving areas of the building are now connected to a geothermal well field with individual water source heat pumps in each zone. The existing 120 ton air cooled chiller still provides cooling for the ventilation air in the middle school through an existing 100% outdoor air handler. The same chiller provides cooling for the original gym and classrooms surrounding the gym feed from the under floor air handler. Several standalone split dx cooling units provide cooling to the art, industrial tech and vocational education classes. The east mechanical room has the under floor air handler, the gym air handler, a hot water boiler, domestic hot water heater and pumps. The air cooled chiller is outside of this room. The southwest mechanical room has the 100% outdoor air handler and a boiler. The temperature controls in the building are a blend of Trane Tracer controls in the mechanical rooms and an integration to Climate Master DDC controls on the new heat pumps. The geothermal well field was not installed per the issued construction documents, but it does appear to have some additional capacity beyond the installed heat pumps based on temperatures and pump speeds.

## Concerns

The air cooled chiller is operating at partial capacity and in need of repairs due to leaks in the condenser coils that cannot be repaired. The under floor ductwork running under the main gym floor is causing settling under the gym wood floor. The 100% outdoor air unit for the middle school areas consumes significant energy. Additionally, ERV1- & 2 are currently operated at 24/7 when students are not present.

## Proposed Solution

Continue the transition to geothermal water source heat pumps in the classrooms by converting the remaining classrooms on the under floor ductwork and standalone units to the heat pump loop. There are small closets in most of the classrooms that could be converted to heat pump rooms since there is limited space above the ceilings for much more than ductwork. Three dedicated ERVs would be added to provide ventilation air with occupancy based individual room operation.

Heat pump loop pipes could be extended off the existing piping. The existing geothermal loop header has space for one additional circuit of well field to be added or a small separate well field could be installed east of the mechanical room.

The middle school 100% outdoor air unit would be replaced with five individual ERVs using the existing relief air ductwork.

Similar to the multi-purpose room, the gym air handler would be replaced with a packaged rooftop unit with CO2 based outdoor air economizer and gas heat.

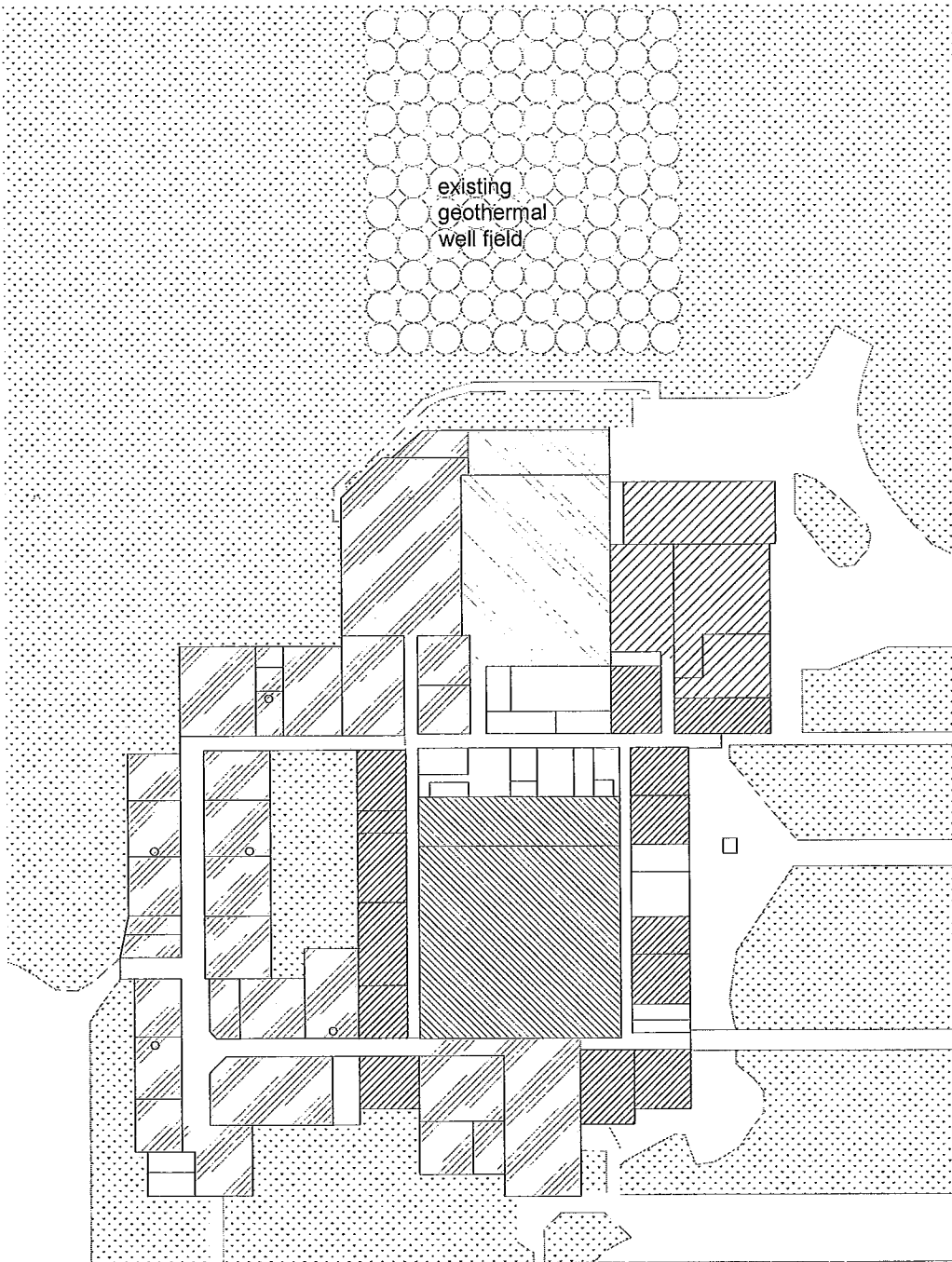
These changes would eliminate the under floor ductwork problems, eliminate the need for the air cooled chiller and greatly reduce any gas boiler load. All educational spaces would be served by high efficiency modern systems with proper ventilation and improve air distribution and reduced noise.

These changes could be phased to eliminate enough cooling load that the partial capacity of the air cooled chiller could be used without major repairs.






**Project costs are estimated to be \$450,000 - \$650,000**



**TRANE**



**Ashland Greenwood HS  
A/C Renovation**

-  existing geothermal hp
-  new geothermal hp
-  existing rooftops
-  new gym rooftops
-  heating only spaces



**TRANE**

## ONE OPTION FOR PROCUREMENT:

### *Nebraska Public School Districts*

*Performance Contracting Process (RFQ based)*

<b>8 STEP PROCESS</b>	<b>DATE</b>
I. INITIAL CONCEPTUAL PRESENTATIONS <input checked="" type="checkbox"/> Administration and/or School Board/Committee	<u>Fall '12</u>
II. TECHNICAL FEASIBILITY STUDY <input checked="" type="checkbox"/> Engineers Identify Facility Improvement Measures <input checked="" type="checkbox"/> Review FIM's with Administration	<u>January '13</u>
III. FACILITIES COMMITTEE PRESENTATION <input checked="" type="checkbox"/> Solicit RFQ responses in local paper <input checked="" type="checkbox"/> RFQ document released	<u>January '13</u>
IV. EVALUATION OF RFQ RESPONSES <input checked="" type="checkbox"/> Administration / Committee evaluate proposals <input checked="" type="checkbox"/> Interview Performance Contracting (PC) Companies <input checked="" type="checkbox"/> School Board Issued Letter of Intent to PC Partner	<u>February '13</u>
V. IN-DEPTH STUDY <input checked="" type="checkbox"/> Technical Parameters <input checked="" type="checkbox"/> Financial Parameters	<u>Spring '13</u>
VI. VERIFICATION OF PROJECTS <input checked="" type="checkbox"/> Facilities Committee Meeting	<u>Spring '13</u>
VII. PROPOSAL PRESENTATION <input checked="" type="checkbox"/> 3 <sup>rd</sup> Party Engineer Review <input checked="" type="checkbox"/> School Board Approves Projects <input checked="" type="checkbox"/> Financial Resolution-Lease Purchase	<u>Spring '13</u>
VIII. PROJECT IMPLEMENTATION	<u>Summer '13</u>



## SECOND OPTION FOR PROCUREMENT:

### *Nebraska Public School Districts*

*Alternative PC Procurement (RFP based)*

<b>5 STEP PROCESS</b>	<b>DATE</b>
I. PRELIMINARY PROJECT DISCUSSIONS <input checked="" type="checkbox"/> Administration and/or School Board/Committee	<u>Dec. '12</u>
II. TECHNICAL FEASIBILITY STUDY <input checked="" type="checkbox"/> Engineers Identify Facility Improvement Measures <input checked="" type="checkbox"/> Review FIM's with Administration	<u>January '13</u>
III. FACILITIES COMMITTEE PRESENTATION <input checked="" type="checkbox"/> RFP Developed (Engineering) <input checked="" type="checkbox"/> Solicit RFP responses in local paper <input checked="" type="checkbox"/> RFP document released	<u>February '13</u>
IV. EVALUATION OF RFP RESPONSES <input checked="" type="checkbox"/> Administration, committee & 3 <sup>rd</sup> party engineer evaluate proposals <input checked="" type="checkbox"/> School Board approves RFP winning Company <input checked="" type="checkbox"/> School Board Authorizes Supt to sign contract	<u>March '13</u>
VI. APPROVAL PROCESS <input checked="" type="checkbox"/> Contract signed <input checked="" type="checkbox"/> Equipment ordered <input checked="" type="checkbox"/> Implementation schedule developed	<u>April '13</u>
V. IMPLEMENTATION	<u>Summer '13</u>