

Mineral Royalty Grant Application Check List

Applicant Name: Laramie County, Wyoming

Information Required for Applications

- ☒ Check List
- ☒ Application
- ☒ Licensed engineer's statement of feasibility of the project (not required for the purchase of emergency vehicles)
- ☒ Standard resolution authorizing the filling of the application on a form provided by the Office
- ☒ General Financial Information
- ☒ Copy of current **approved and signed** budget
- ☒ Detailed project cost estimate and how the costs were estimated
- ☒ Estimated project schedule that includes design, commencement of construction and completion of construction
- ☒ Grant draw down schedule broken down in six-month intervals
- ☐ Copy of documentation of the specific requirements and explanation of how project addresses the requirements to meet federal or state health and safety requirements
- ☒ One (1) signed original and two (2) copies of your completed application, including all attachments

Additional Information for Special District

- ☐ Copy of County Commissioners resolution that shows formation of special district
- ☐ Copy of certification from the County Commissioners that the special district currently exists
- ☐ Written review from the County Commissioners pursuant to W.S. 9-4-604(h)
- ☐ Written review from City or Town (only if special district is within five (5) miles of incorporated limits)
- ☐ Resolution for assessments
- ☐ Letter from County Assessor verifying and showing the dollar amount the District is collecting for assessment
- ☐ Copy of assessment schedule

Additional Information for Joint Powers Boards

- ☐ Copy of certificate of organization filed with the Secretary of State
- ☐ Copy of executed joint powers agreement approved by the Attorney General
- ☐ Written review from the County Commissioners
- ☐ Written review from City or Town (only if Joint Powers Board is within five (5) miles of incorporated limits)

Additional Information Needed for Water and Sewer Projects

- ☐ Completed Water/Sewer Questionnaire

Additional Information Needed for Street and Roads Projects

- ☐ Completed Street Questionnaire

Additional Information Needed for Fire Apparatus Projects

- ☐ Completed Fire Apparatus Questionnaire

Additional Information Needed for Vehicles

- ☐ Vehicle Replacement Certification

State of Wyoming
State Loan and Investment Board
Infrastructure Financing
Application

CWC ☐ MRG ☒

Applicant: Laramie County, Wyoming Date: 1/19/2018

Mailing Address: 310 W. 19th Street, Suite 300 Contact Person: Sandra Newland

City: Cheyenne State: Wyoming Zip: 82001

E-Mail Address: commissioners@laramiecounty.com E-Mail Address: snewland@laramiecounty.com

Phone No.: 307-633-4260 Phone No.: 307-633-4201

Fax No. : 307-633-4285 Population: 30,661

Applicant's Tax ID No.: 836000111 County: Laramie

Type of Entity: County ☒ Joint Powers Board ☐ Municipality ☐ Special District ☐

Other (Explain) _____

Population of Applicant: 30,661 Total Population Served By Project (Directly/Indirectly): 97,121

Percentage of applicant's population directly served by the project: 100%

Applicant's submitting multiple applications must establish priority ranking: Priority # 1 of 1

Name of Project: Detention Center Pneumatic System

Project Schedule (Includes Planning, Design, and Construction): Start Date: 6/4/2018 End Date: 4/25/2019

List all funding sources for the project other than current request:

Funding Source (If approved, list grant/loan #)	Amount	Status		Amount Expended
		Pending	Approved	
County Match	\$240,167.81		X	
Total	\$240,167.81			\$0.00

Amount of Funds Requested: \$720,503.44

Estimated Total Project Cost: \$960,671.25

Balance of Project Incomplete: \$960,671.25

Estimated reimbursement Rate: 75%

(Final Reimbursement Rate is Determined by Board Approved Amount)

Name of Applicant: Laramie County, Wyoming

Name of Project Dentention Center Pneumatic System

Is project needed to meet federal or state health and/or safety
(If yes, provide specific health or safety requirement project will
address)

Yes	No
	X

Do you have an Administrative Order?
(If yes, provide copy of the Administrative Order) - MRG Only

Yes	No
	X

Water and/or Sewer Project?
(If yes, complete Water/Sewer Questionnaire for project requests in
excess of 50%) – MRG Only

Yes	No
	X

Street and/or Road Project?
(If yes, complete Street Questionnaire) – MRG Only

Yes	No
	X

Fire Apparatus Project?
(If yes, complete Fire Apparatus Questionnaire)

Yes	No
	X

Vehicle Project?
(If yes, complete Vehicle Replacement Certification form)

Yes	No
	X

If full funding is not received, what will applicant do?
If funding is not received, the County will continue to make due with the system we have in place with minor repairs.

If additional funding is needed, where will the additional funds be obtained?
Laramie County is matching the project 25% and then is also moving forward with a extension to the facility with SPOT tax funding approved by voters. The HVAC system is important before construction can continue on the expansion to make sure the system is suitable for the increased space.

Can the project be scaled back or phased?
(Provide explanation)
No, it would not be feasible to covert a portion of the building to a DDC controlled system. The current maintenance problems and safety concerns would not be adequately addressed. Also, this project requires a whole new computer control system as well as the associated wiring, valves, actuators and dampers. The old system will be completely removed or abandoned and a completely new system will be installed. It is not possible to keep a portion of the old system functioning after this project has commenced as there will be no head end control unit.

I certify that I am authorized to sign this application on behalf of our governing body, and the applicant will comply with all appropriate requirements if approved. To the best of my knowledge and belief, the information in this application is true and correct. I understand the State may review any relevant documents of instruments relating to the analysis of this application.

K.N. Buck Holmes, Chairman
Name and Title (typed)

Signature Date

Sandra Newland, Grants Manager
Name and Title of Contact Person

307-633-4201 snewland@laramiecounty.com
Phone No. E-mail

SUBMISSION REQUIREMENTS: ALL DOCUMENTS MUST BE PRINTED ON 8 1/2 X 14 (LEGAL) SIZE PAPER. OFFICE OF STATE LANDS AND INVESTMENTS. ATTN: GRANTS AND LOANS DEPARTMENT. HERSCHLER BUILDING 3rd WEST. 122 WEST 25th
CWC - Submit one (1) original Application and one (1) original Joint Resolution Form
MRG - Submit one (1) original and two (2) copies of Checklist, Application, Project Narrative, and Supporting Documentation.

Name of Project: Dentention Center Pneumatic System

Project Narrative: Provide a brief description of the project and why applicant needs the project. Narrative must include applicable items listed in the instructions for completing the Application Form. (Attach additional pages for project description if needed, **must be legal size.**)

Number of Attached Pages: 9

Through functional testing and inspection of different HVAC components performed during a Retro-commissioning effort in 2016, it was determined the facility had a nonfunctioning or poorly functioning control system. Water was found in the pneumatic controls for one of the AHU's located in the basement. Moisture in a pneumatic controls system will cause corrosion throughout the system and not allow the regulators and bladders in the thermostats and other components to function. Removing this water can be very difficult and costly even in a correctly operating system. The only effective way to remedy the moisture is to replace the components and all pneumatic control air tubing. Because of this and the fact that components are mostly nonfunctioning it is recommended to replace all of the remaining pneumatic VAV controls within the facility with DDC. This upgrade should include replacing all the fin tube heaters control valves and VAV reheat control valves as well as all the remaining devices and control logic panels. For additional information, please see attached narrative.



MEMORANDUM

TO: Wyoming State Lands and Investment Board

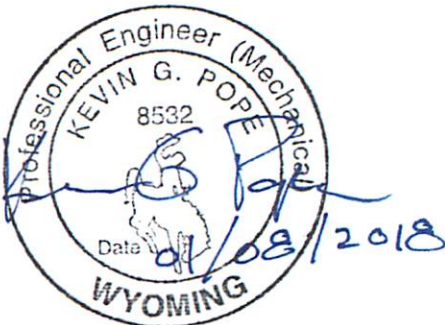
FROM: Kevin Pope, P.E.

DATE: 1/5/2018

RE: Laramie County Detention Center – Control System Replacement

The Laramie County Detention Center was constructed in two major phases: The original three story 1986 building (approximately 63,000 sf) and a five story 2001 addition (approximately 37,000 sf). Minor upgrades have taken place to address small portions of the building systems or components of systems. However, during all this time there have been no upgrades to the temperature control system and the facility is still controlled by the original 1986 pneumatic control system. As a whole the system calibration and sequences of control have drifted away from the intended operation and have either become inefficient or are non-operational.

In December 2016, MKK Consulting Engineers issued a Retro-commissioning Study Report identifying recommended upgrades to the facilities HVAC equipment and control systems. After an assessment of the building, the biggest problem identified in the report was the problematic pneumatic control system. This system controls the room temperatures, building energy usage and life-safety systems. Due to funding limitations the controls replacement scope has not been included in the planned construction projects for the facility. As such, the complete replacement of the existing control system is critical and necessary to re-establish the integrity of the HVAC and life-safety systems at the facility. This funding would allow the complete overhaul of the temperature control system including the critical fire life safety systems giving renewed control and safety to Laramie County Sheriff's Department staff and inmates. The upgrades would also help to reduce ongoing energy costs, thereby reducing the overall operational cost of the facility. There are many advantages and cost reduction factors that can be realized if this project can move forward now while the other mechanical components are being upgraded.



(Standardized Resolution Form Rev. 05/11 Wyoming Office of State Lands and Investments)

Resolution No. _____

Entitled: A RESOLUTION AUTHORIZING SUBMISSION OF A FEDERAL MINERAL ROYALTY CAPITAL CONSTRUCTION ACCOUNT GRANT APPLICATION TO THE STATE LOAN AND INVESTMENT BOARD ON BEHALF OF THE GOVERNING BODY FOR THE _____
Laramie County, Wyoming
(name of applicant)

FOR THE PURPOSE OF (state purpose of project): To replace and upgrade the Laramie County Detention
Center's Pneumatic control system for the HVAC system.

WITNESSETH

WHEREAS, the Governing Body for the _____
Laramie County, Wyoming
(name of applicant)

desires to participate in the FEDERAL MINERAL ROYALTY CAPITAL CONSTRUCTION ACCOUNT GRANT program to assist in financing this project; and

WHEREAS, the Governing Body of the _____
Laramie County, Wyoming
(name of applicant)

recognizes the need for the project; and

WHEREAS, the Federal Mineral Royalty Capital Construction Account Grant program requires that certain criteria be met, as described in the State Loan and Investment Board's Rules and Regulations governing the program, and to the best of our knowledge this application meets those criteria; and

WHEREAS, the Governing Body of the _____
Laramie County, Wyoming
(name of applicant)

plans to match the requested Federal Mineral Royalty Capital Construction Account Grant from the following source(s): (describe the source and status of all matching funds): Matching funds in the amount of 25% will

come from Laramie County.

NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF THE

Laramie County, Wyoming
(name of applicant), that a grant application in the amount of
\$ \$720,503.44 be submitted to the State Loan and Investment Board for consideration
at the 21-Jun-2018 to assist in funding the _____
(date of grant meeting) Detention Center Pneumatic System
(name of project)

BE IT FURTHER RESOLVED, that _____
K.N. Buck Holmes, Chairman
(name and title of persons)

are hereby designated as the authorized representatives of the _____
Laramie County, Wyoming
(name of applicant)

to act on behalf of the Governing Body on all matters relating to this grant application.

PASSED, APPROVED AND ADOPTED THIS 6 day of February, 20 18

(signature)

K.N. Buck Holmes, Chairman
(name and title)

Attest:

(signature)

Debra Lee, County Clerk
(name and title)

RECEIVED AND APPROVED AS
TO FORM ONLY BY THE
DEPUTY LARAMIE COUNTY
ATTORNEY



OFFICE OF STATE LANDS AND INVESTMENTS
General Financial Information Form

Prepared by: County Clerk Finance Office

Date: 01/16/2018

Entity Type: County ☒ Municipality ☐ Special District/Lawful Entity ☐

Assessed Valuation, this F.Y.: \$1,449,087,507.00

Total Mills levied by Entity, this F.Y.: Number 12 Percentage of Available Mills 100%

Is the number of mills levied by your entity less than the required amount pursuant to W.S. 9-4-604(a)? (If yes, provide justification for eligibility)
NO

Is the Entity assessing the optional sales tax authorized under W.S. 39-15-204(a)(i) or (iii)?
Yes ☒ No ☐ (If yes, provide the amount and type of tax levied in the County in which the project is located)
1% for general revenue W.S. 39-15-204(a)(i)
1% for specific purpose W.S. 39-15-204(a)(iii)

What is the Entity's Total bonded and non-bonded indebtedness?
(Include the name of debt holder, principal balance, interest rate, and remaining term)

Debt Holder	Principal Balance	Interest Rate	Term
Juvenile Services Center	1,345,000	1.55 - 6.00%	Through 2025
Lease/Purchase Obligations	366,628	6.00 - 9.00%	5yrs various end dates
Economic Development	557,935	3.00%	August 2020
Economic Development	8,748,448	0.00%	Through 2020
Accrued Compensated Absences	2,208,648		
Total	13,226,659		

Total Investments as of:

6/30/17 15,521,598.00
6/30/16 13,180,292.00
6/30/15 15,209,395.00

Total Cash Balances as of:

6/30/17 6,583,809.00
6/30/16 8,371,997.00
6/30/15 3,615,244.00

Explanation for Variances (Attach additional pages if needed, must be legal size):

Laramie County, WY
Statement of Revenues, Expenditures, and Changes in Fund Balances
For the Year Ended June 30, 2017

	<u>General Fund</u>
REVENUES	
Taxes	\$ 16,068,056
Licenses and permits	134,183
Intergovernmental revenues	11,184,879
Charges for services	4,411,656
Investment earnings	(136,668)
Miscellaneous revenues	472,933
Total revenues	<u>32,135,039</u>
EXPENDITURES	
Current:	
General Government	11,904,133
Public safety	18,076,557
Conservation and development	187,942
Debt service:	
Interest	2,475
Principal retirement	180,388
Capital outlay:	
Capital outlay	119,181
Total expenditures	<u>30,470,676</u>
Excess (deficiency) of revenues over expenditures	<u>1,664,363</u>
OTHER FINANCING SOURCES (USES)	
Proceeds from sale of capital assets	7,250
Proceeds from debt issuance	20,000
Transfers out	(599,041)
Total other financing sources (uses)	<u>(571,791)</u>
Net change in fund balances	1,092,572
Fund balances - beginning	21,128,530
Fund balances - ending	<u>\$ 22,221,102</u>

Amounts extracted from the Laramie County Annual Financial and Compliance Report
please see that report for complete financial disclosure.

Laramie County, WY
Balance Sheet
June 30, 2017

	<u>General Fund</u>
ASSETS	
Cash	\$ 1,465,209
Equity in pooled cash	5,118,600
Investments	15,521,598
Accounts receivable	1,845
Property tax receivable	13,682,977
Accrued interest receivable	4,185
Due from other funds	16,549
Due from other governments	2,091,000
Prepaid expenses	19,929
Inventory	65,178
Total assets	<u>37,987,070</u>
DEFERRED OUTFLOWS OF RESOURCES	
Total deferred outflows of resources	<u>-</u>
 Total assets and deferred outflows of resources	 <u>\$ 37,987,070</u>
LIABILITIES	
Accounts payable	\$ 905,609
Due to other taxing units	24,915
Accrued payroll liabilities	768,956
Due to other funds	4,795
Funds held for others	435,477
Total liabilities	<u>2,139,752</u>
DEFERRED INFLOWS OF RESOURCES	
Unavailavle property taxes and deferred interest	<u>13,626,216</u>
Total deferred inflow of resources	<u>13,626,216</u>
 Total liabilities and deferred inflows of resources	 <u>15,765,968</u>
FUND BALANCES (DEFICITS)	
Nonspendable	65,178
Restricted	296,841
Assigned	14,253,841
Unassigned	7,605,242
Total fund balances (deficits)	<u>\$ 22,221,102</u>
 Total liabilities and fund balances (deficits)	 <u>\$ 37,987,070</u>

Amounts extracted from the Laramie County Annual Financial and Compliance Report
please see that report for complete financial disclosure.

Laramie County 2018 Budget

The Laramie County Commissioners adopted the FY2018 budget on 7/17/17. This budget is 212 pages in length and can be found at the link provided below. Attached please find the general fund revenue and signed resolution by the Chairman to adopt the FY18 budget.

http://www.laramiecountyclerk.com/_pdfs/Budgets/2017/2018AdoptedBudget.pdf

Projection: 20181 Level: 5
REVENUE ACCOUNTS Fund 101

LARAMIE COUNTY BUDGET WORKSHEET

7/20/2017

0000 General Fund

	2016 Actual	2017 Revised	2017 Actual	2018 Request	% Inc
Current Property Tax	301100	-13,012,618	-13,055,250	-13,784,500	5.59
Veterans Exemption	301300	-142,159	-140,000	-140,000	0.00
MRV County Fee	311000	-2,563,288	-2,500,000	-2,500,000	0.00
MRV Veterans Exemption	311100	-51,922	-45,000	-45,000	0.00
Prorate Vehicle Fee	311200	-106,253	-60,000	-60,000	0.00
Private Railroad Car Tax	311300	-34,711	-36,000	-34,731	-2.78
Liquor Licenses	321100	-23,029	-20,000	-23,250	0.00
Malt Beverage/Catering Permits	321200	-1,700	-1,000	-2,800	0.00
Fireworks License	321300	-26,400	-25,000	-25,200	0.00
Community Facilities Fees	322200	-19,255	-10,000	-30,017	0.00
Revenue Bond Fees	322300	-1,000	0	-29,300	0.00
Oversized/Weight Permits	322600	-31,058	-20,000	-51,419	0.00
EMPG-Federal Passthrough	332300	-70,000	-70,000	-85,000	14.29
VOCA Grant	332370	-73,198	-119,873	-74,482	-54.83
Victims Assistance-VOCA	332371	0	-16,358	-16,826	454.98
EUDL Grant	332526	0	-2,173	0	-100.00
WYDOT Speed/DUI Grants	332610	-10,959	-20,203	-6,657	-100.00
Byrne Grant	332940	0	-45,227	-11,023	-100.00
Byrne Jag 12	332941	-761	0	0	0.00
Byrne JAG 14 Grant	332943	-25,883	-23,610	-5,584	-21.18
Byrne JAG 15	332944	-4,527	-40,844	-36,507	-54.71
Federal Grnt-Operation Jessica	332991	-6,911	0	0	0.00
Federal Grant-Operation Falcon	332992	-768	0	0	0.00

Projection: 20181 Level: 5
REVENUE ACCOUNTS Fund 101

LARAMIE COUNTY BUDGET WORKSHEET

7/20/2017

0000 General Fund

	2016	2017	2017	2018	% Inc	
	Actual	Revised	Actual	Request		
Payment In Lieu of Taxes	333100	-26,573	0	-25,219	-14,800	0.00
Concealed Weapon Permit Fee	342600	-85,906	-65,000	-58,678	-65,000	0.00
Sex Offender Registration Fee	342610	0	0	0	-15,000	0.00
Tobacco-Alcohol Grant	345730	-1,560	-5,150	-1,144	0	-100.00
4% State Sales Tax	346101	-8,074,953	-8,000,000	-6,544,953	-8,000,000	0.00
4% State Use Tax	346102	-941,563	-600,000	-788,802	-600,000	0.00
Severance Tax	346200	-889,285	-850,000	-887,724	-880,000	3.53
Wind Electric Generation Tax	346300	-140,415	-175,000	-164,885	-160,000	-8.57
Cigarette Tax	346400	-98,624	-80,000	-81,746	-90,000	12.50
Lottery tax	346420	-100,937	0	0	0	0.00
OTB tax	346422	-282,569	-200,000	-211,052	-330,000	65.00
5% Sales and Use Reimbursement	346700	-313,457	-100,000	-347,726	-300,000	200.00
EMA-City Share	349100	-107,000	-107,000	-93,407	0	-100.00
GIS-City and BOPU Share	349250	-52,473	-65,000	-54,464	-49,070	-24.51
GIS Shared Software Reimburse	349251	-35,193	-31,000	-38,231	-40,000	29.03
City-VAWA/CARI Program	349480	-10,862	-59,227	-15,156	-20,756	-64.96
Housing Authority PILT	349900	-27,378	-25,000	-30,231	-25,000	0.00
Titles	361201	-520,285	-425,000	-485,119	-450,000	5.88
UCC-Financial Statements	361202	-272,216	-225,000	-247,120	-250,000	11.11
Marriage Licenses	361203	-23,610	-22,000	-19,920	-20,000	-9.09
Real Estate Recordings	361204	-494,381	-400,000	-476,732	-450,000	12.50
Copies	361205	-76,553	-25,000	-32,167	-25,000	0.00
VIN Inspections	361209	-32,710	-25,000	-34,510	-25,000	0.00
Online records access	361212	-46,458	-30,000	-45,036	-40,000	33.33

LARAMIE COUNTY BUDGET WORKSHEET

7/20/2017

0000 **General Fund**

	2016 Actual	2017 Revised	2017 Actual	2018 Request	% Inc
Miscellaneous Fees	361213	-16,735	-11,948	-10,000	0.00
Elections Charges	361250	-26,459	-59,318	-25,000	-28.57
Election Fees	361251	-388	-182	-500	-50.00
Cash Over/Under-Clerk	361290	358	583	0	0.00
Advertising	361301	-10,901	-8,444	-8,000	-46.67
Add'L County Registration Fee	361302	-28,440	-25,263	-23,000	-8.00
CP Fees	361303	-4,080	-3,740	-3,000	-50.00
CR Fees	361304	-4,320	-4,220	-3,000	-50.00
Return Check Fees	361305	-2,466	-2,850	-2,000	-20.00
Interest/Delinquent Taxes	361306	-28,016	-31,827	-20,000	33.33
Tax Deed	361307	-25	-75	0	0.00
Copies	361308	-32	0	0	0.00
Research Charges	361309	0	0	0	0.00
Postage Charges	361310	-27,924	-69,664	-20,000	-92.00
1/2 Of 1% Collection Fees	361311	-31,457	-33,011	-28,000	-6.67
Sales & Use Tax Penalty	361312	-159,354	-167,875	-150,000	11.11
Rental Car Surcharge	361313	-20,429	-7,348	-10,000	0.00
ATV Agent Fee	361314	-543	-476	-300	0.00
Temporary Decals	361315	-3,450	-1,700	-1,000	-60.00
Administrative Fees	361451	-2,760	-8,760	-9,000	350.00
Certificate of Sale	361452	-165	-173	-100	0.00
Storage Fees	361453	-3,500	-77,165	-3,000	0.00
Civil Filing Fees	361601	-79,550	-87,900	-70,000	40.00
Probate Filing Fees	361602	0	0	0	0.00

LARAMIE COUNTY BUDGET WORKSHEET

7/20/2017

0000 General Fund

	2016 Actual	2017 Revised	2017 Actual	2018 Request	% Inc
Jury Demand Fees	361606	-7,700	-4,500	-5,000	0.00
Exp Recognition Filing Fee	361607	-1,000	-3,100	-1,000	33.33
Mailing Fees	361608	-253	-76	-100	-50.00
IV-D Administration Costs	361610	-73,488	-5,653	0	0.00
Abatement Fees	361611	-1,570	-1,150	-1,500	-25.00
Copy Fees	361612	-10,292	-8,496	-7,500	0.00
Fax Send-Received Fee	361613	-883	-686	0	0.00
NSF Check fees	361614	-7	0	0	0.00
Adoption Filing Fees	361619	0	0	0	0.00
\$50 Supreme Court Appeal	361620	0	0	0	0.00
Appraisal Fees	361621	-16,056	-14,014	-10,000	0.00
Records Check Fees	361622	-17,290	-27,112	-17,000	47.19
CC Lien Filing Fees	361623	-210	-10	0	0.00
Processing Fees	361624	-333	-225	-300	0.00
Civil Reopen Fees	361626	0	0	0	0.00
Central Mail Charges	361703	-27	-75	0	0.00
Central Mail Reimbursement-Lib	361706	-23,887	-18,642	-23,000	0.00
Internet Access - Library	361708	-15,500	-22,000	-24,000	0.00
Central DP Charges	361710	-18,788	-20,726	-20,000	21.21
GIS Fees	361720	-220	-497	-100	0.00
Coroner Fees	361770	0	-263	0	0.00
Fire Fighting Charges	362200	-195,222	-83,368	-85,000	0.00
Sheriff Fees	362500	-68,561	-76,216	-60,000	9.09
Patrol in Towns Cost Reimburse	362505	-3,502	-10,847	-5,000	150.00

LARAMIE COUNTY BUDGET WORKSHEET

7/20/2017

0000 General Fund

	2016 Actual	2017 Revised	2017 Actual	2018 Request	% Inc
Prisoner Housing-Cheyenne PD	362510	-514,320	-418,980	-400,000	-11.11
Prisoner Housing-US Marshall	362520	0	0	0	0.00
Prisoner Housing-INS	362530	0	0	0	0.00
Prisoner Housing-Warren AFB	362540	0	0	0	0.00
Prisoner Housing-Other	362550	-60,000	-48,840	-40,000	-33.33
Sheriff-Civil Process	362580	-60,000	-61,485	-60,000	0.00
Retired Employee Ins Premium	369200	-119,476	-347,009	-380,000	5.56
Interest Income-Investments	371100	-586,138	-215,698	-175,000	-22.22
Interest Income-Checking	371200	-10,937	-10,778	-10,000	0.00
Rent-County Property	381100	-14,560	-12,860	-12,000	50.00
Right-of Way Rental Fees	381101	-262,294	-262,146	-262,000	4.80
Oil and Gas Royalty	381111	-7,555	-25,734	-20,000	166.67
Miscellaneous Income	382100	-85,802	-5,347	-3,000	-40.00
Used Equipment Sales	382150	-250	-3,534	0	0.00
Telephone Reimbursement	382320	-10,222	-9,626	-9,000	0.00
CCHD-Utility Reimbursement	382340	-2,931	-2,787	-1,200	0.00
Vending Machines	382350	-682	-757	-500	0.00
Donations - DARE program	382401	-1,550	0	0	0.00
Donations-Victim Assistance	382402	0	-696	0	0.00
HVAC Agreement Recovery	382420	-26,500	-26,500	-38,585	92.93
Elevator Maint Agrmnt Recovery	382430	-900	-931	0	0.00
Insurance Payments	382500	-153,111	-112,619	-30,000	-79.31
Unanticipated Income	382550	0	-5,421	0	0.00
WARM-Safety Grant	382620	-10,000	-10,000	-10,000	74.58

Projection: 20181 Level: 5
REVENUE ACCOUNTS Fund 101

LARAMIE COUNTY BUDGET WORKSHEET

7/20/2017

0000 General Fund

	2016 Actual	2017 Revised	2017 Actual	2018 Request	% Inc
Advertising Fees	-2,100	-2,000	-2,100	-2,000	0.00
Transfer from Fund 205	-37,634	0	0	0	0.00
Transfer from Fund 210	0	0	0	0	0.00
Transfer from Fund 339	0	0	0	0	0.00
Revenue-Equipment Leases	0	0	0	0	0.00
Beginning Fund Balance	0	-18,416,870	0	-19,368,000	5.16
Totals	-31,771,939	-48,642,013	-29,638,968	-50,218,854	3.24

APPROPRIATION RESOLUTION 170717-01

WHEREAS, before the 15th day of May 2017, Debra Lee, Clerk of Laramie County, the Budget Officer of Laramie County, prepared and submitted to the Board an estimate of income and expenditures for the 2017-2018 (FY2018) budget ending June 30, 2018.

WHEREAS, such estimate was made available for public inspection at the Office of the County Clerk,

WHEREAS, notice of public hearing on such budget was published in the WYOMING TRIBUNE/EAGLE on the 10th day of July 2017, and

WHEREAS, a public hearing was held on such budget at 6:00 p.m. on July 17, 2017, 310 West 19th Street, at which time all interested parties were given an opportunity to be heard,

NOW, THEREFORE BE IT RESOLVED, that the Board of County Commissioners, adopt this budget as the official County budget with the following appropriations made for this fiscal year ending June 30, 2018, and that the expenditures of each office, department, or spending agency be limited to the amount herein appropriated:

COUNTY COMMISSIONERS	519,726
COUNTY ATTORNEY	553,386
FIRE WARDEN	51,548
COUNTY UNIVERSITY EXTENSION OFFICE	246,010
GRANTS MANAGEMENT	145,003
HUMAN RESOURCES	307,499
COUNTY BUILDINGS	972,734
COUNTY UTILITIES	879,250
GENERAL ACCOUNTS	1,066,485
INFORMATION TECHNOLOGY	1,769,397
CENTRAL GIS	406,545
CENTRAL COMMUNICATIONS/SECURITY	282,092
COUNTYCLERK/ADMINISTRATION	316,517
COUNTY CLERK/AUTO TITLES	550,978
COUNTY CLER/REAL ESTATE	238,622
COUNTY CLERK/ ACCOUNTING	465,098
COUNTY CLERK/ELECTIONS	515,310
COUNTY CLERK/ RECORDS CENTER	249,323
CENTRAL MAIL	45,760
COUNTY TREASURER	1,396,538
COUNTY ASSESSOR	1,534,540
COUNTY SHERIFF	6,556,259
COUNTY SHERIFF VARIOUS SMALL GRANTS	106,267
VICTIMS ASSISTANCE SERVICES	167,845
COUNTY DETENTION CENTER	10,175,778
CLERK OF DISTRICT COURT	1,357,071
DISTRICT COURT	448,173
COUNTY CORNER	439,034
AGENCY TELEPHONE AND OPERATIONS	15,000
CASH RESERVE	15,572,026
TOTAL GENERAL FUND APPROPRIATIONS	47,349,814

COUNTY GOVERNMENTAL COMPLEX OPERATIONS FUND	408,500
OPTIONAL 1% SALES TAX	3,237,914
ABANDONED VEHICLE FUND	49,250
MISCELLANEOUS GRANTS FUND	146,693
ECONOMIC DEVELOPMENT FUND	56,402
COMBINED COMMUNICATIONS CENTER FUND	3,046,336
JAIL O&M FUND	3,190,000
STATE DRUG ENFORCEMENT FUND	97,960
PUBLIC WORKS FUND	14,110,315
HOMELAND SECURITY GRANTS FUND	45,910
EMERGENCY MANAGEMENT FUND	325,626
SHOOTING SPORTS FUND	361,640
SHERIFF MISCELLANEOUS GRANTS FUND	28,400
STATE LOTTERY FUND	238,000
US TREASURY DRUG CASE FORFEITURE FUND	19,902
JAIL COMMISSARY FUND	1,200,000
COUNTY IMPROVEMENT FUND	4,071,622
FEDERAL DRUG FORFEITURE FUND	76,313
SPECIAL COURTS FUND	555,644
COUNTY PLANNING/BUILDING INSPECTIONS FUND	1,168,701
RECOVERY ACT GRANTS FUND	47,665
SLIB GRANTS FUND	222,000
COUNTY ROAD FUND	2,400,000
JUVENILE DETENTION CENTER OPERATIONS FUND	2,703,358
BUSINESS READY COMMUNITY GRANTS FUND	7,828,799
SPOT PROJECTS 2012 FUND	4,503,331
WARNING SYSTEM O&M FUND	194,443
SPOT PROJECTS 2017 FUND	4,709,600
SPOT PROJECTS 2008 FUND	4,124,049

SUBTOTAL REQUIREMENTS

59,168,373

TOTAL REQUIREMENTS

106,518,187

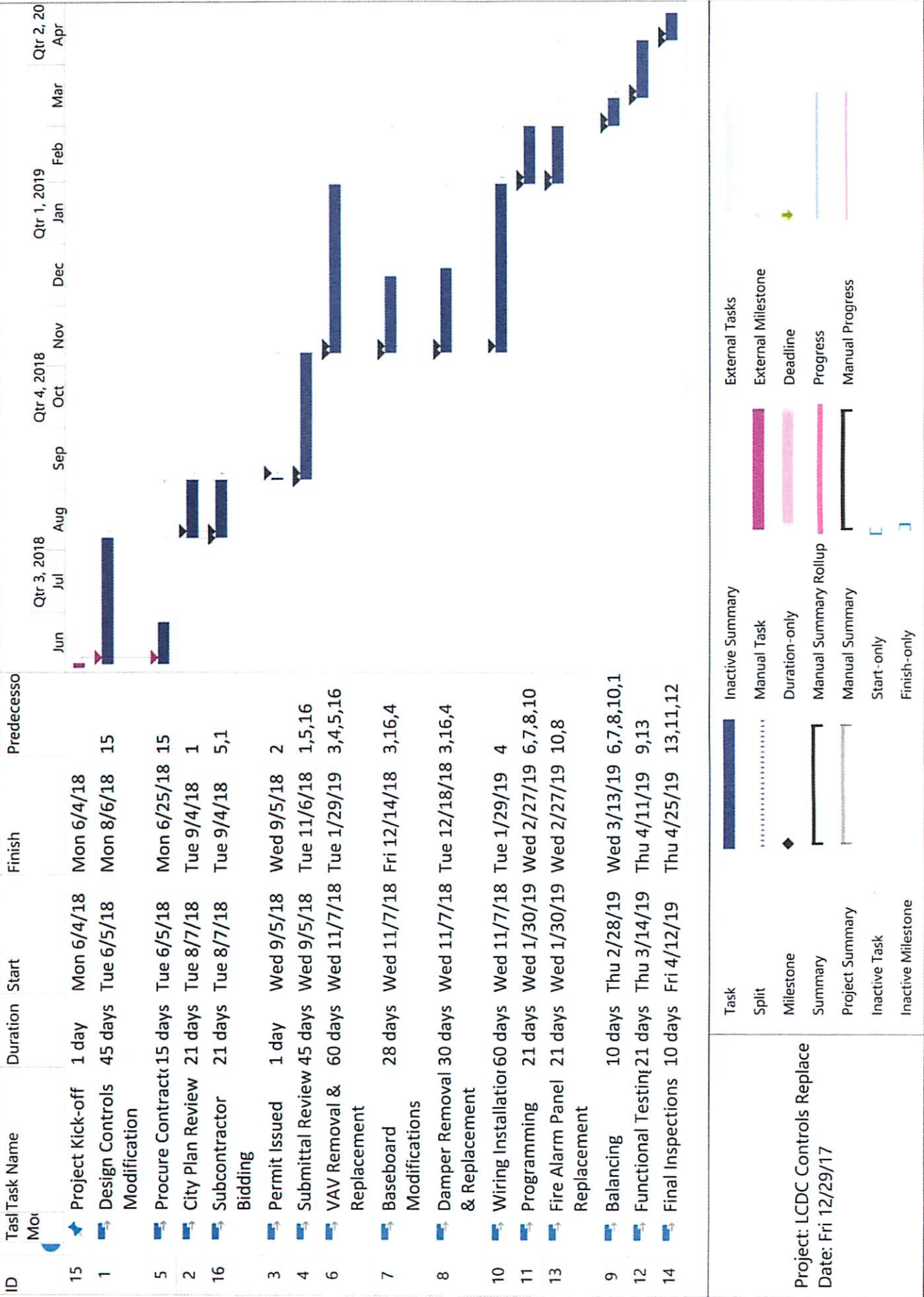
DATED THIS 17th DAY OF JULY 2017


Troy Thompson, Chairman
Laramie County Commissioners


Debra Lee
Laramie County Clerk

Laramie County Detention Center
Pnuematic to DDC Controls Upgrade

Description	QTY	Unit Cost	Cost
VAV Remove/Replace	63	\$ 1,800.00	\$113,400.00
CUH/UH/Baseboard Piping & Insulation	23	\$ 575.00	\$ 13,225.00
Smoke and Fire/Smoke Dampers	20	\$ 1,200.00	\$ 24,000.00
Balancing	1	\$ 40,000.00	\$ 40,000.00
Ceiling Work	109	\$ 500.00	\$ 54,500.00
Install/Wiring	1	\$166,400.00	\$166,400.00
VAV control	63	\$ 2,300.00	\$144,900.00
VAV Multizone control	26	\$ 1,800.00	\$ 46,800.00
Multizone AHU (Cell Pods) control	2	\$ 40,300.00	\$ 80,600.00
UH control	4	\$ 1,000.00	\$ 4,000.00
CUH control	5	\$ 1,000.00	\$ 5,000.00
H&V Unit (Mixed Air Single Duct) control	1	\$ 12,000.00	\$ 12,000.00
NAE PC (Metasys Extended Arch New)	1	\$ 40,000.00	\$ 40,000.00
ALC Integration (Bacnet IP)	1	\$ 11,200.00	\$ 11,200.00
Server (Metasys Extended Arch New)	1	\$ 22,000.00	\$ 22,000.00
Demolition	1	\$ 3,500.00	\$ 3,500.00
Smoke Control	1	\$ 93,400.00	\$ 93,400.00
Fire Alarm Control Panel (Allowance if required)	1	\$ 40,000.00	\$ 40,000.00
Direct Cost Sub-total			\$914,925.00
Design & Professional Services			\$ 45,746.25
Total			\$960,671.25



Grant draw down schedule: Detention Center Pneumatic System

July 2018-December 2018:

We anticipate approximately three reimbursement requests to include design, bidding and permitting for the beginning of the project.

January 2019-June 2019:

We anticipate approximately three reimbursement requests to include removal, replacement and final release of retainage.

We are anticipating that the grant project will be completed by the end of April 2019. We are open to modifying our reimbursement request schedule to fit the needs of the SLIB staff.

Laramie County Detention Center – Controls Replacement Grant Fund Narrative

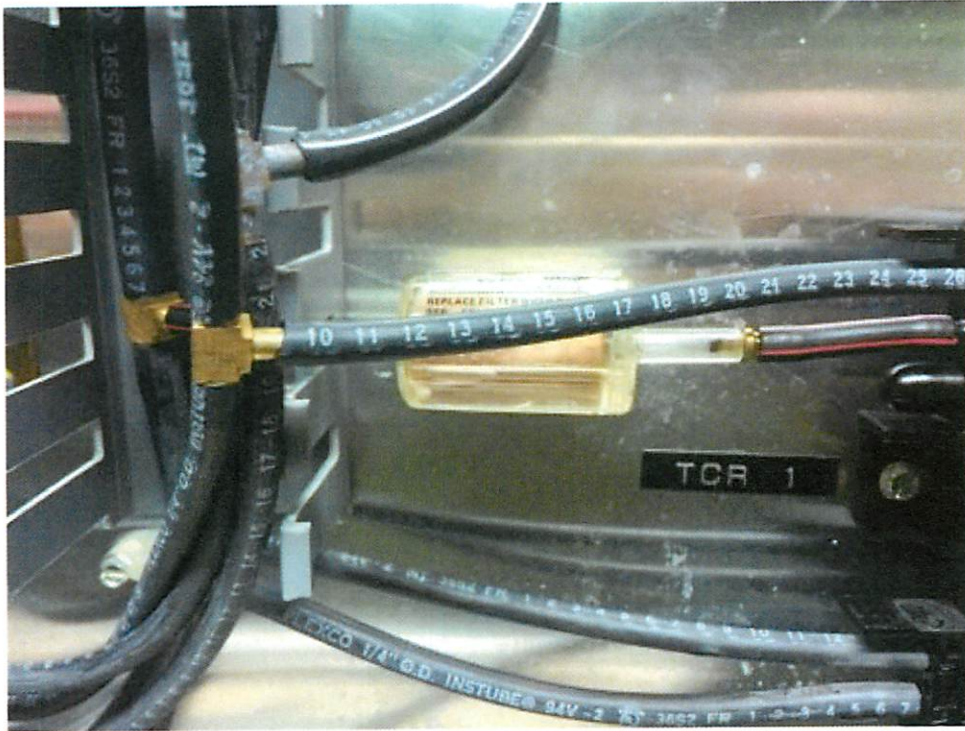
The Laramie County Detention Center was constructed in two major phases; the original three story 1986 building (approximately 63,000 sf) and the five story 2001 addition (approximately 37,000 sf). The original building includes the Sheriff's offices and supporting administrative spaces plus inmate housing and auxiliary support spaces. The main floor is mostly comprised of the Sheriff's administrative areas with central booking, locker/shower, central laundry, kitchen, evidence processing and storage, vehicle sally port, and the main mechanical room. The second floor includes a medical clinic, an exercise gym and detention cell pods and day rooms. The third floor is an upper level of additional detention cells that communicate with each of the respective original cell pods. The original building also has a partial basement that is used for an indoor firing range.

The 2001 Addition is primarily additional inmate housing spaces. The first floor includes a single level of inmate housing plus a relocated booking area and sally port. The upper floors are two sets of stacked cells and day rooms; floors two/ three and floors four/five.

The two constructions are served by separate air handling systems; separate cooling systems; and shared central heating and domestic water systems as noted below. However, the entire facility is controlled by the original 1986 Building Automation System (BAS). The original BAS was a pneumatic control system by Johnson Controls. The pneumatic controls are still in place. Pneumatic-to-DDC conversions to some equipment has occurred throughout the life of the building. Currently the major systems (AHUs, HW and CHW systems) have been integrated to a Niagara AX front-end operator workstation. The owner has had difficulty with having the different manufacturers tied together and the communication between the systems.

The Laramie County Detention Center is essential to the safety and well-being of all of Laramie Counties residents. However, due to the age of the critical life-safety components it is not certain how safe the building would prove to be in the event of an emergency for those inside. The health and welfare of the inmates, building staff, public and sheriff personnel may be jeopardized because of failing mechanical systems. Not only this, there is a continual problem getting the building warm enough in the winter and cool enough in the summer. This also interferes with the safety and welfare of every building occupant and leads to irritability among inmates and problematic conditions for staff and public visitors.

Through functional testing and inspection of different HVAC components performed during a Retro-commissioning effort in 2016, it was determined the facility had a nonfunctioning or poorly functioning control system. Water was found in the pneumatic controls for one of the AHU's located in the basement. Moisture in a pneumatic controls system will cause corrosion throughout the system and not allow the regulators and bladders in the thermostats and other components to function. Removing this water can be very difficult and costly even in a correctly operating system. The only effective way to remedy the moisture is to replace the components and all pneumatic control air tubing. Because of this and the fact that components are mostly nonfunctioning it is recommended to replace all of the remaining pneumatic VAV controls within the facility with DDC. This upgrade should include replacing all the fin tube heaters control valves and VAV reheat control valves as well as all the remaining devices and control logic panels.



Water in Air Lines

The main Air Handlers provide cooling to the various spaces of the building via VAV (Variable Air Volume) boxes consisting of Fan Powered VAV Reheat Boxes (FPB) and VAV boxes (cooling only) that are original to the building. The controls for these VAV units are also original to the building and are in need of upgrading. During functional testing both the controls and some of the fans were found to be bad. With the pneumatic controls being in disrepair it wasn't conclusive if some of the issues that were found were related to fans or dampers. If only the controls are upgraded, then it is probable that more bad fan motors may be discovered. An alternate to replacing just the controls is to also replace the entire Fan Powered VAV-Box units. New VAV boxes would be preferred to provide new/better controllable units and allow for greater efficiency in servicing the units due to the availability of parts.

Also during the inspection process a major critical life safety issue was discovered. Some of the smoke damper actuator linkages are disconnected and nonfunctioning. Over the years it appears that they were either disconnected or came apart at the linkage. The linkages can, overtime, loosen and come apart or corrode. It is not clear if they fell apart or were disconnect for some reason. If the actuator is bad, then it may have been disconnected to regain air flow in the duct verses replacing the actuation. As with the VAV boxes, with the pneumatic control in disrepair it was it was hard to determine if just the pneumatic actuators were bad or if entire damper assembly should be replaced. As part of the control system upgrade all of the smoke damper assemblies should be replaced to restore functionality to the fire and smoke control system.

Through separate projects, plans are underway to construct a new five story cell pod onto the Detention Facility and to increase the capacities of the heating and cooling systems to accommodate the addition. However, due to funding limitations the scope to upgrade the control systems was not included in either project. By upgrading and adding equipment to an already poorly/non-functioning control system maintenance personnel will continue to have problems controlling the building systems in the facility.

A new main control system "head end" and backbone to support the new major systems and connect to the existing remaining systems is needed. All remaining pneumatic controls and devices would be replaced with DDC components from a single controls manufacturer. The existing Fan Powered VAV Boxes and the other cooling only VAV Boxes should be replaced with new DDC Controls. As well as replacement of all smoke damper assemblies and controls to ensure life-safety functionality.

Laramie County will have a need for this facility far into the future. Therefore, it is vital that it be maintained and functional. The mechanical infrastructure modernization is critical to extend the service life of the building. With the improvements being made, this facility will be able to serve the general public and Laramie County residents. If these grant funds are awarded, the design of the new control systems upgrade project would be initiated and the work completed over approximately 12 months.

Laramie County Detention Center – Controls Replacement Grant Fund Narrative

Maintenance Department

I have worked in the Maintenance Department since January 2013 and have been the Supervisor since June 2013. During my four years of working at this detention center, I have seen many problems and concerns with the pneumatic control system that is in place. The Maintenance Department is continually working to keep this system in working order! Pneumatic Systems are a thing of the past; parts and service are also a thing of the past.

As the Retro-commissioning Study Report stated, the water that is in the outdated system causes problems throughout the building. Parts that normally function from air control usually fail when water is added to the mix. Unfortunately, once the water is in the system it is nearly impossible to remove all at once. As parts fail due to the water, we drain the water from that location before replacing the parts, if parts are found. The presence of water keeps the controls from working as normal or efficiently.

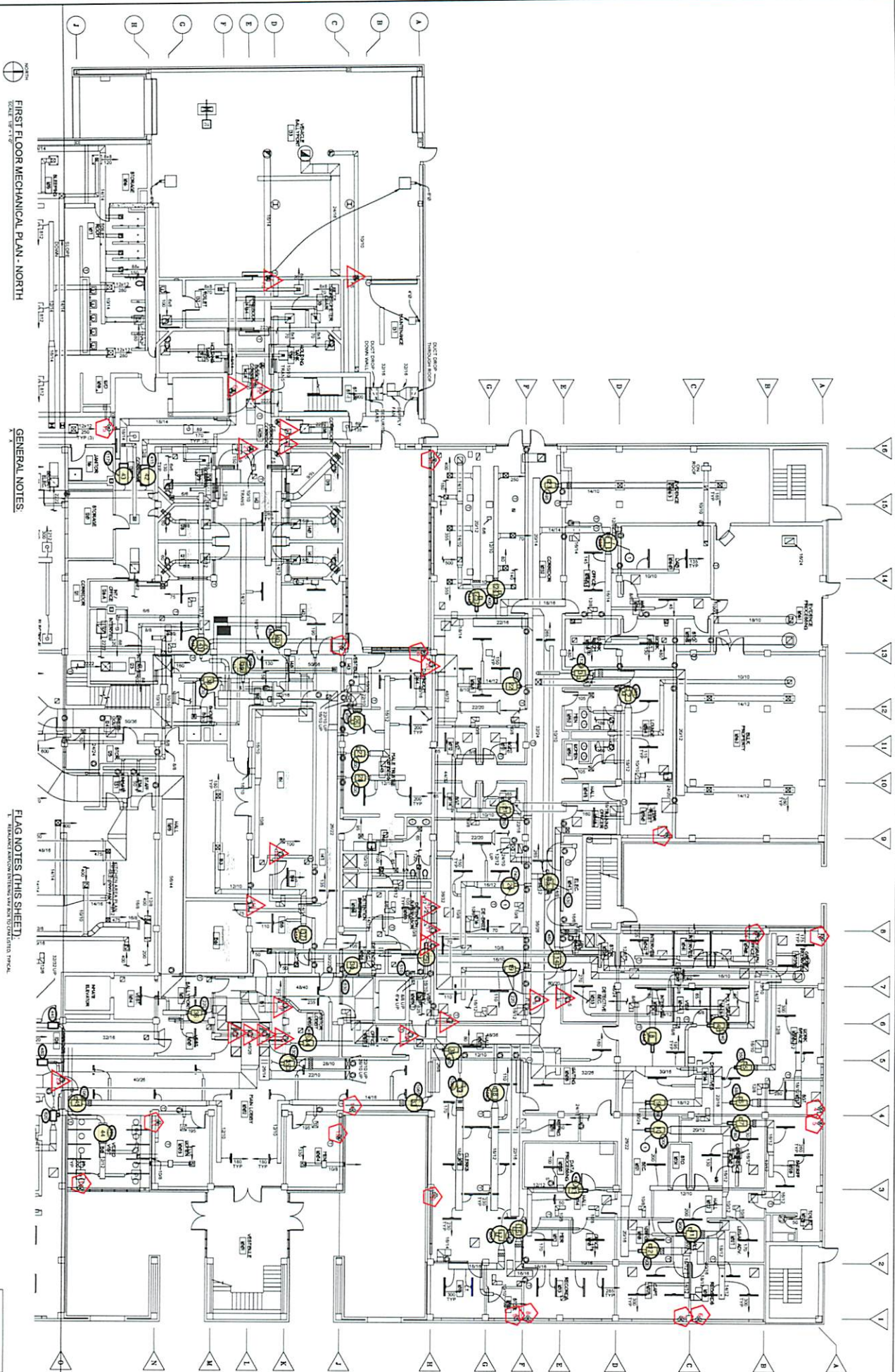
The Pneumatic System has hundreds, if not thousands, of air lines that run through the walls of the building. These airlines are 30+ years old and over this time have grown brittle. This creates splits in the hoses and therefor leaks accrue. Also, the connections of these airlines become loose and do disconnect at times. Not only does this create a problem for the air compressor to keep up, the air making it to the devices is not enough to make proper adjustments. I do believe this is why some of the smoke dampers are disconnected or inoperable. And, again, parts are hard to find for this system!

The water and air leak issues have caused havoc with the HVAC system now and long before I came on board with the Detention Center. During the winter we are constantly adjusting and modifying controls to keep all areas of the building at a comfortable warm temperature. During the summer we are constantly adjusting and modifying the controls to maintain a cool temperature. I have spoken with many employees with 20 or more years here at the detention center and have found that it has been like this as long as they have worked here.

A large building requires positive and negative pressure to maintain a constant temperature throughout. With the controls not working correctly, there has always been a problem maintaining this pressure. One end of the building will have a door that will not close due negative pressure, the opposite end of the building will have so much positive pressure it will suck the door shut. I believe this is another reason some of the smoke dampers have been modified.

Smoke dampers are a very vital part of a fire suppression system and should not be taken lightly. The Maintenance Department works hard to make repairs to dampers when found inoperable. Unfortunately, parts are not always available. I believe it is imperative that we upgrade the control system as soon as possible, as safety is very important when you are housing over 300 people in a 24/7 facility. Also, with the temperature varying on a constant basis, people can become sick and/or irritable. Irritable inmates are never a good thing!

Gary Ford, Maintenance Supervisor, Laramie County Detention Center

LARAMIE COUNTY DETENTION CENTER
RCx MODIFICATIONS

1810 PIONEER AVE.
CHEYENNE, WY 82001



Mechanical, Electrical & Energy Consultants
www.mekeng.com

7600 East Orchard Road, Suite 250-S
Denver, Colorado 80231-2500

tel: 303.796.8000

No. 1	DATE	06/01/2019
30% SO REVIEW EET		
No. 2	DATE	10/29/2019
PROJECTS EET		
No. 3	DATE	11/17/2019
PROJECTS EET		
No. 4	DATE	12/22/2019
PROJECTS EET		
No.	DATE	

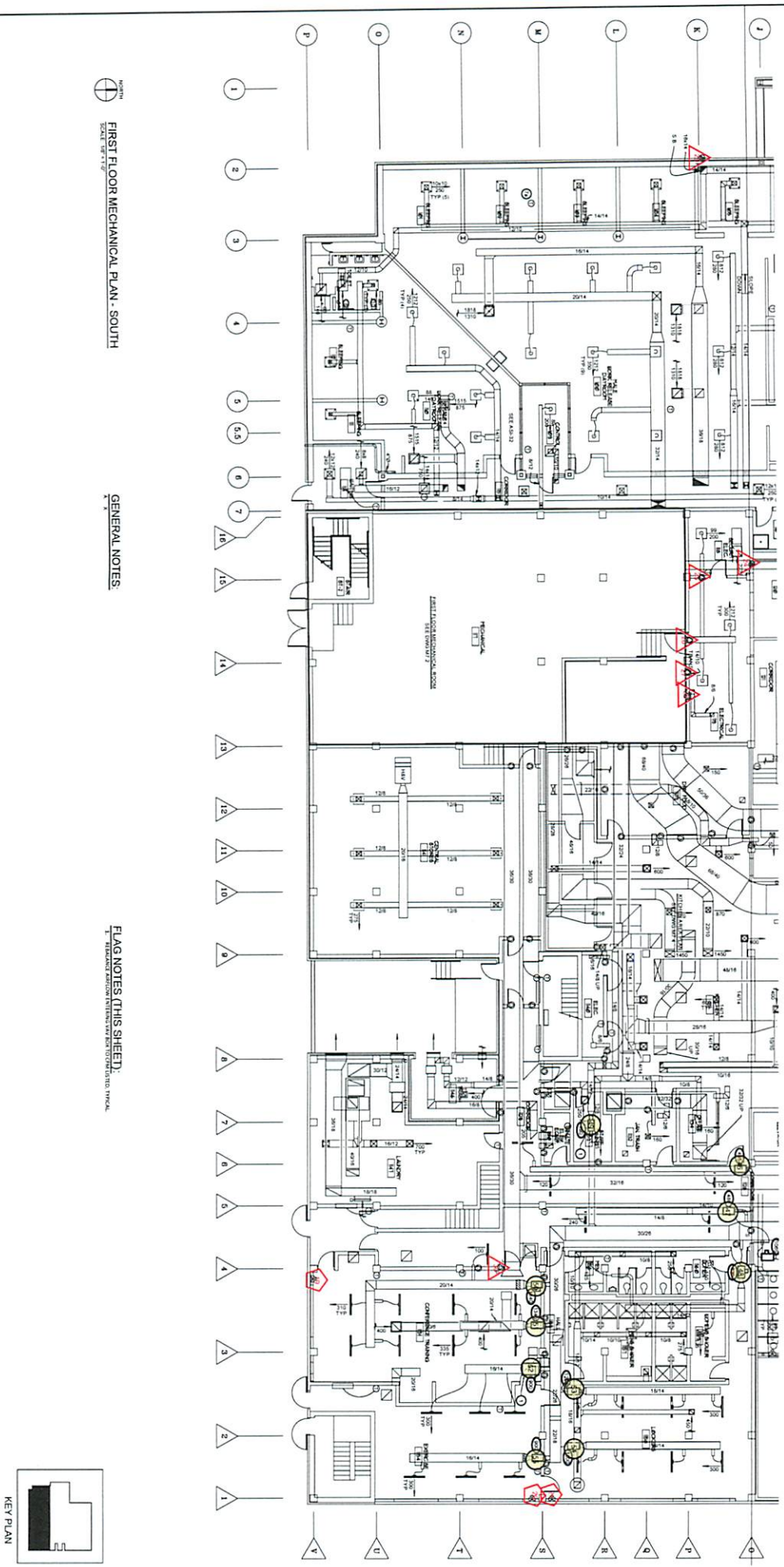
REVIEWS

DATE	12/22/20
SCALE	AS NOTED
APPROVED BY	KC
CHECKED BY	AS
DESIGNED BY	JAV & M
DRAWN BY	M

KEY PLAN

FIRST FLOOR
MECHANICAL
PLAN - NORTH

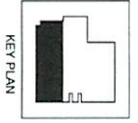
M1.



NORTH
SCALE: 1/8" = 1'-0"

GENERAL NOTES:
1. SEE SHEET M-1.1

FLAG NOTES (THIS SHEET):
1. TRAVELER PARKING ENTRANCE VIEW FROM TOYOTA TO RD. 1000A



KEY PLAN

DATE	1/2/2021
DRAWN BY	AKS/NOTES
CHECKED BY	AKS
DESIGNED BY	JAY & KAY
OWNER BY	AKS

FIRST FLOOR
MECHANICAL
PLAN - SOUTH

PROJECT
LARAMIE COUNTY DETENTION CENTER
RCx MODIFICATIONS
1915 PIONEER AVE
CHEYENNE, WY 82001

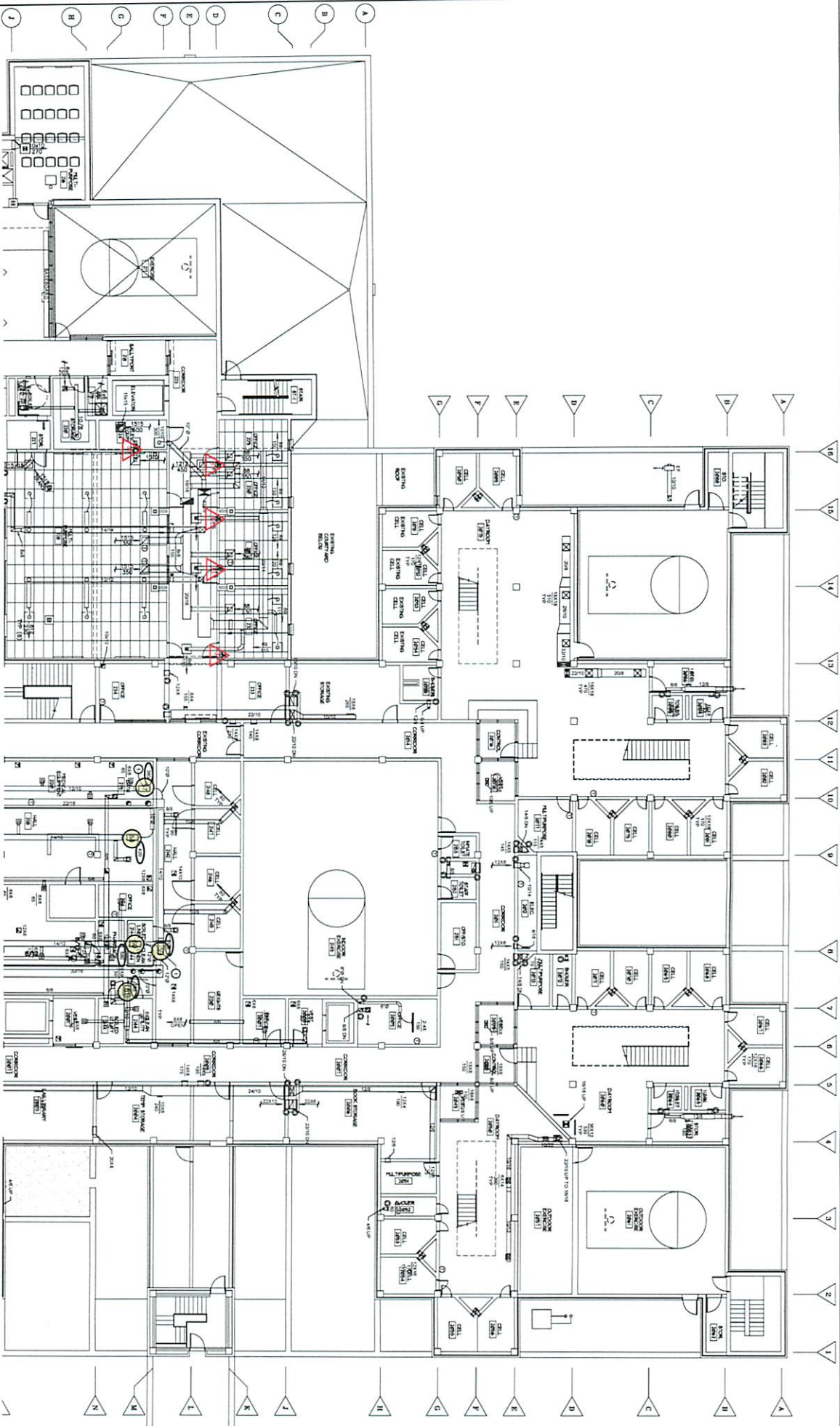


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800.766.8500
303.766.8500
303.766.8500

REVISIONS	
Rev. 1	DATE: 01/02/21 BY: JAY & KAY REVISIONS: 1
Rev. 2	DATE: 01/02/21 BY: JAY & KAY REVISIONS: 2
Rev. 3	DATE: 01/02/21 BY: JAY & KAY REVISIONS: 3
Rev. 4	DATE: 01/02/21 BY: JAY & KAY REVISIONS: 4
Rev. 5	DATE: 01/02/21 BY: JAY & KAY REVISIONS: 5



SECOND FLOOR MECHANICAL PLAN - NORTH

GENERAL NOTES

FLAG NOTES (THIS SHEET)

KEY PLAN

DATE	1/22/2017
SCALE	AS SHOWN
APPROVED BY	AKC
CHECKED BY	AKC
DESIGNED BY	JAY & MAE
DRAWN BY	MAE

SECOND FLOOR MECHANICAL PLAN - NORTH

LARAMIE COUNTY DETENTION CENTER
RCx MODIFICATIONS

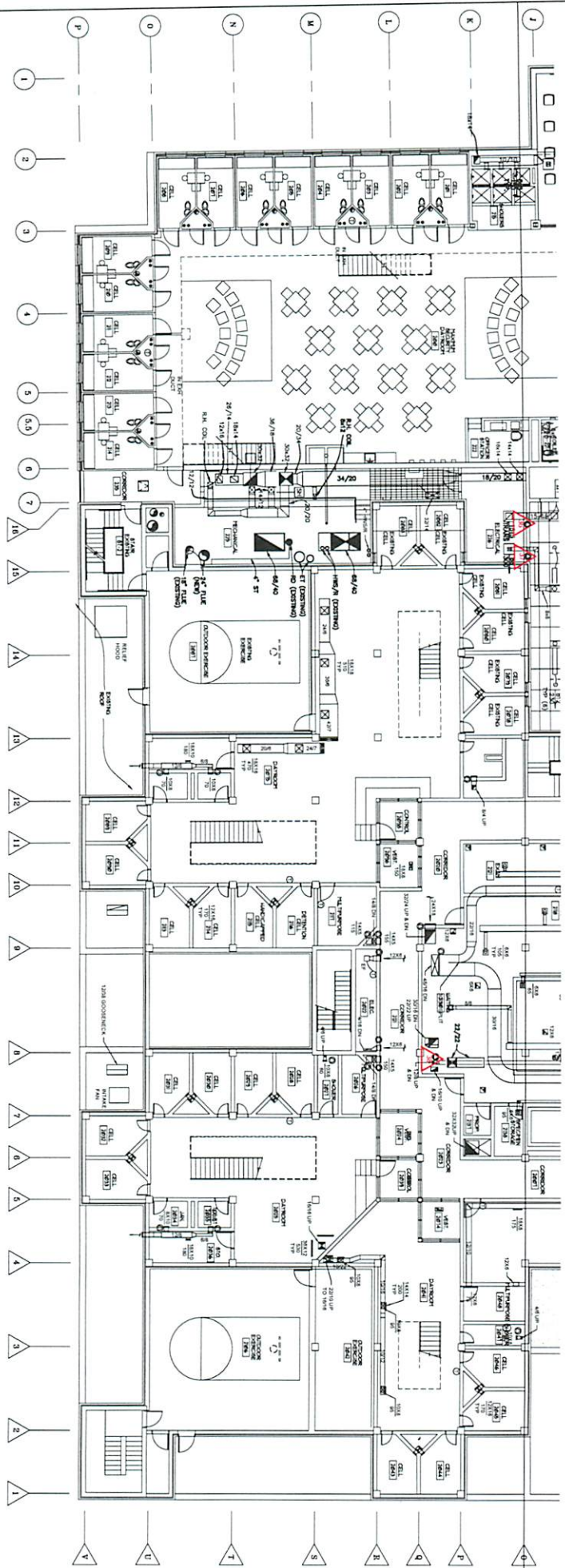
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CHEYENNE, WY 82001



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Greenwood Village, CO 80121-1111

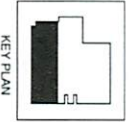
REVISIONS
Rev. 1 DATE: 08/07/2017 Rev. 2 DATE: 10/20/2017 Rev. 3 DATE: 11/17/2017 Rev. 4 DATE: 12/28/2017



SECOND FLOOR MECHANICAL PLAN - SOUTH

GENERAL NOTES:

FLAG NOTES (THIS SHEET):



DATE	1/22/2017
SCALE	AS NOTED
DESIGNED BY	AKS/NOTED
CHECKED BY	AKS/NOTED
APPROVED BY	AKS/NOTED
DESIGNED BY	JAY/AM
CHECKED BY	JAY/AM
APPROVED BY	JAY/AM

SECOND FLOOR MECHANICAL PLAN - SOUTH

PROJECT
LARAMIE COUNTY DETENTION CENTER
RCX MODIFICATIONS
1915 PIONEER AVE
CHEYENNE WY 82001

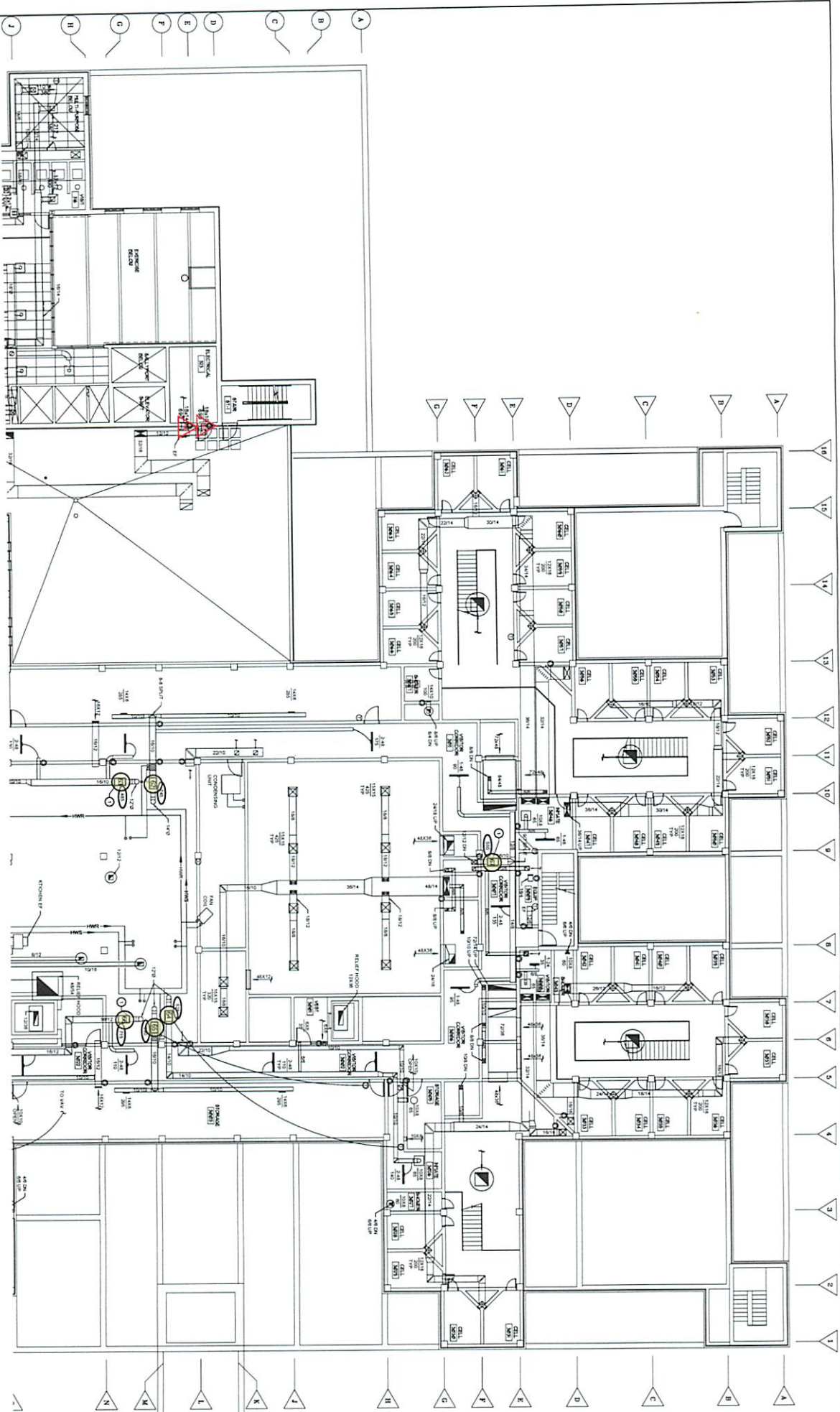


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Ph: 303.746.8000
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REVISIONS	
Rev. 1	DATE: 06/01/2017 BY: JAY/AM REASON: REVISED
Rev. 2	DATE: 10/20/2017 BY: JAY/AM REASON: REVISED
Rev. 3	DATE: 11/17/2017 BY: JAY/AM REASON: REVISED
Rev. 4	DATE: 1/22/2017 BY: JAY/AM REASON: REVISED



THIRD FLOOR MECHANICAL PLAN - NORTH

GENERAL NOTES

FLAG NOTES (THIS SHEET):



DATE	10/22/2011
PROJECT NO.	101111000
DESIGNED BY	AK
CHECKED BY	AK
IN CHARGE	AK
DATE	10/22/2011

THIRD FLOOR
MECHANICAL
PLAN - NORTH

PROJECT
LARAMIE COUNTY DETENTION CENTER
RCx MODIFICATIONS
1910 PIONEER AVE
CHEYENNE, WY 82001

MKK
Mechanical, Electrical & Energy Consultants
7600 East Orchard Road, Suite 200 S
Cheyenne, WY 82009
307.634.1111

REVISIONS	
NO. 1	DATE 10/22/2011
NO. 2	DATE 10/22/2011
NO. 3	DATE 10/22/2011
NO. 4	DATE 10/22/2011
NO. 5	DATE 10/22/2011

REVISIONS	
NO. 1	DATE 08/01/17 BY: J. K. KENNEDY REVISIONS BY
NO. 2	DATE 08/01/17 BY: J. K. KENNEDY REVISIONS BY
NO. 3	DATE 11/01/17 BY: J. K. KENNEDY REVISIONS BY
NO. 4	DATE 11/01/17 BY: J. K. KENNEDY REVISIONS BY
NO.	DATE

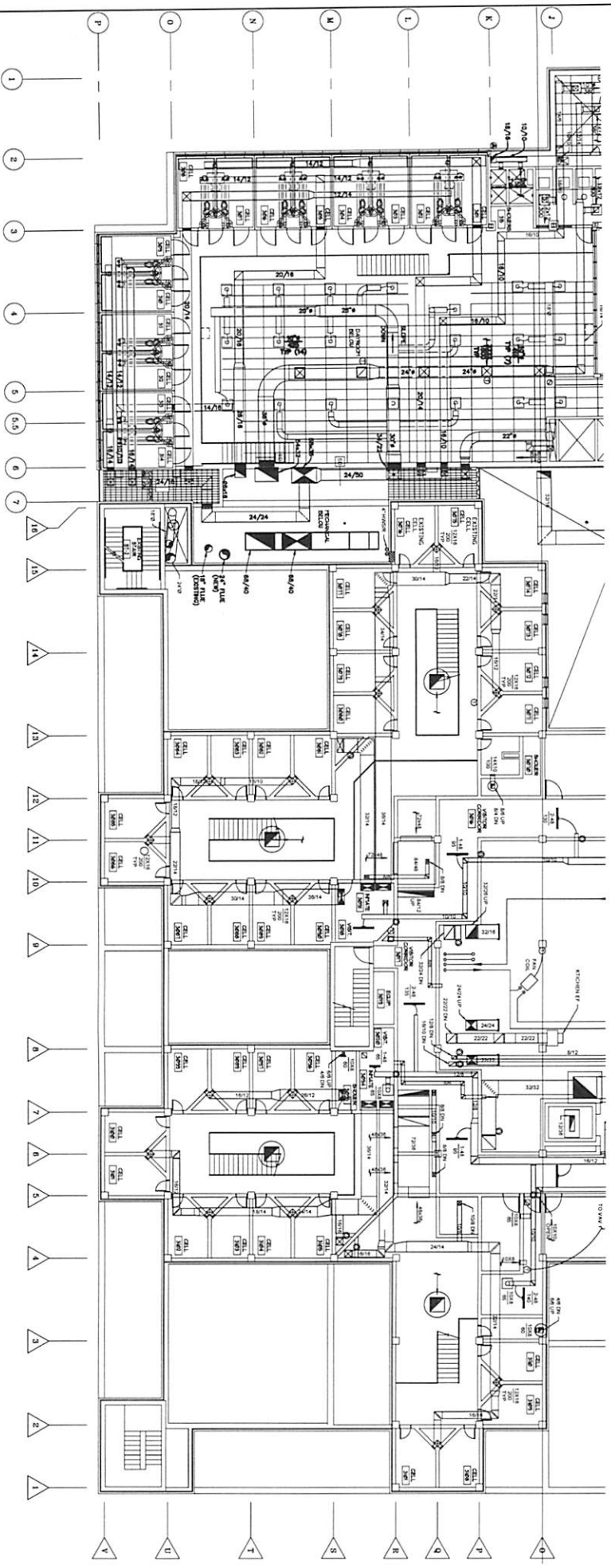
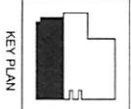
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PROJECT
**LARAMIE COUNTY DETENTION CENTER
RCx MODIFICATIONS**
1810 PIONEER AVE
CHERRYHURST, WY 82501

TITLE
**THIRD FLOOR
MECHANICAL
PLAN - SOUTH**

DATE	DESIGNED BY	CHECKED BY	IN CHARGE
08/01/17	J. K. KENNEDY	J. K. KENNEDY	J. K. KENNEDY
08/01/17	J. K. KENNEDY	J. K. KENNEDY	J. K. KENNEDY
11/01/17	J. K. KENNEDY	J. K. KENNEDY	J. K. KENNEDY
11/01/17	J. K. KENNEDY	J. K. KENNEDY	J. K. KENNEDY



THIRD FLOOR MECHANICAL PLAN - SOUTH
SCALE: 1/8" = 1'-0"

GENERAL NOTES:
1. SEE FLAG NOTES (THIS SHEET).