



**CITY OF MAYVILLE COMMON COUNCIL
REGULAR MEETING AGENDA
JULY 13, 2026
6:00 PM
MAYVILLE CITY HALL
15 S. SCHOOL STREET**

1. CALL TO ORDER AND ROLL CALL

2. PLEDGE OF ALLEGIANCE TO THE FLAG

3. CITIZEN COMMENTS

Citizen Comments are to be kept to a maximum of five minutes per speaker unless the chairperson allows an extension of time. Each citizen is to make comments at the podium after stating name and address. Each citizen may comment only one time per public hearing / meeting.

4. PUBLIC HEARING

- 4.1. Public Hearing for the Rezone of the Lower Portion of Theiler Park, Parcel No. 251-1216-2213-040, for EMS Build**
Current Zoning: P-C Park Conservation
Requested Zoning: I-1 Institutional

5. AGENDA CHANGES

6. CONSENT AGENDA

7. REPORT OF OFFICERS

7.1. Mayor

- A. Mayor's Monthly Report

7.2. City Clerk/Executive Assistant

- A. City Clerk/Executive Assistant's Monthly Report

7.3. Treasurer

7.3.A. May 2026 Monthly Check Register and Approval

- B. June 2026 Monthly Check Register and Approval

8. REPORT OF COMMITTEES, COMMISSIONS AND BOARDS

8.1. Utility Commission

- A. Next Meeting Date - July 27, 2026, at 5:00 PM

8.2. Library Board

- A. Next Meeting Date - July 16, 2026, at 5:00 PM

8.3. Public Works Committee

- A. Next Meeting Date - July 27, 2026, at 6:00 PM

8.4. Personnel Committee

A. Next Meeting Date - July 27, 2026, at 6:00 PM

8.5. Public Safety Committee

A. Next Meeting Date - July 27, 2026, at 6:00 PM

8.6. Finance Committee

A. Next Meeting Date - July 27, 2026, at 6:00 PM

8.7. Parks & Recreation Commission

A. Next Meeting Date - August 5, 2026, at 3:30 PM

8.8. Planning Commission

A. Next Meeting Date - July 22, 2026, at 4:00 PM

8.9. Community Development Authority/Enhancements Committee

A. Next Meeting Date - July 22, 2026, at 5:00 PM

9. OLD BUSINESS

10. NEW BUSINESS

10.1. Approval of the Minutes of the June 22, 2026, Common Council Special Meeting

10.2. Discussion, with Possible Award, Request for Proposals, RFP 03-2026 Bow-Hunting Land Lease

**10.3. Discuss, with Possible Action, Change Order #3, in the Amount of \$115,555.15
Project: Water/Wastewater Facility Upgrade**

10.4. Discuss, with Possible Action, Operator License Applications for:

- Benjamyn Linke, 317 Krieser Drive, Mayville
- Crystal Stowers, 215 S Main Street, Mayville

10.5. Discuss, with Possible Action, Resolution 6077-2026, "Action on 2026-2027 Liquor and Fermented Malt Beverage Licenses - New China of Mayville LLC and Family Dollar Stores of Wisconsin, LLC"

10.6. Discuss, with Possible Action, Resolution 6078-2026, "Action on 2026-2027 Tobacco, Vape, and Cigarette Retail License - Family Dollar Stores of Wisconsin, LLC"

10.7. Discuss, with Possible Action, Resolution 6079-2026, "Appointment to the Police & Fire and EMS Commissions"

10.8. Discuss, with Possible Action, Resolution 6080-2026, "A Resolution of the City Council of the City of Mayville Authorizing the Submission of a Grant Application to the Wisconsin Economic Development Corporation Opportunity Attraction Fund"

**10.9. Discuss, with Possible Action, Certified Survey Map to Split Theiler Park Parcel for EMS Build Site
Parcel No. 251-1216-2213-040**

10.10. Introduction of Ordinance 1156-2026, "To Rezone Parcel 251-1216-2213-040, Lower Portion of Theiler Park, in the City of Mayville and Amend the Zoning Map of the City of Mayville Pursuant to Section §430-32 of the Municipal Code"

11. CLOSED SESSION PURSUANT TO WIS. STATS. §19.85(1)(E)

Wis. Stats. §19.85(1)(E), "Deliberating or negotiating the purchasing of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session."

11.1. Discussion on Potential Purchase of 212 Allen Street

12. RECONVENE IN OPEN SESSION, WITH POSSIBLE ACTION, RELATED TO THE SUBJECT OF THE PRECEDING CLOSED SESSION

12.1. Discuss, with Possible Action, Possible Purchase of 212 Allen Street

13. ADJOURNMENT

Mayor Rob Boelk, Presiding Officer

NOTE: Persons with disabilities requiring special accommodations for attendance at the meeting should contact City Hall at least one (1) business day prior to the meeting.



15 South School Street, PO Box 273, Mayville WI 53050
Phone: 920.387.7900 Fax: 920.387.7919
WWW.MAYVILLECITY.COM

PROPERTY REZONE HEARING – PUBLIC NOTICE
CITY OF MAYVILLE

The City of Mayville Common Council will meet on July 13, 2026, at 6:00PM, at Mayville City Hall, 15 S. School Street, Mayville, Wisconsin, to consider the request of Mayville EMS, requesting a change in zoning from P-C Parks Conservation to I-1 Institutional, for the newly created parcel, the lower section of Parcel No. 251-1216-2213-040.

Any persons wishing to be heard are invited to attend.

Mayor Rob Boelk



Published July 3, 2026, and July 9, 2026

Posted June 25, 2026

CITY OF MAYVILLE

GENERAL FUND REVENUES AND EXPENDITURES COMPARED TO BUDGET FOR THE 6 MONTHS ENDING JUNE 30, 2026

	PERIOD AMOUNT	YTD ACTUAL	PRIOR YTD ACTUAL	BUDGET AMOUNT	VARIANCE	% OF BUDGET
REVENUE						
TAXES	69,651	74,790	2,319,012	2,478,852	2,404,062	3.0
INTERGOVERNMENTAL REVENUES	26,275	201,847	175,230	1,453,609	1,251,762	13.9
LICENSES & PERMITS	36,043	72,849	89,138	103,750	30,901	70.2
FINES & FORFEITURES	5,832	21,382	14,175	71,000	49,618	30.1
PUBLIC CHARGES FOR SERVICES	98,047	439,586	387,987	813,500	373,914	54.0
INTERGOV CHARGES FOR SERVICES	25	75	25	0	75-	.0
INTEREST INCOME & MISC	51,878	169,699	195,145	189,000	19,301	89.8
OTHER FINANCING SOURCES	0	0	0	20,000	20,000	.0
TOTAL FUND REVENUE	287,751	980,228	3,180,712	5,129,711	4,149,483	19.1
EXPENDITURES						
GENERAL GOVERNMENT						
MAYOR AND COUNCIL						
CITY COUNCIL	5,490	12,646	13,788	35,930	23,284	35.2
DEPARTMENT 110	1,870	4,712	4,813	10,830	6,118	43.5
TOTAL MAYOR AND COUNCIL	7,360	17,357	18,601	46,760	29,403	37.1
CITY CLERK						
CLERK	53,505	125,836	123,580	227,848	102,012	55.2
ELECTIONS	1,078	4,680	7,599	23,060	18,380	20.3
CITY HALL	8,735	27,674	16,772	54,735	27,061	50.6
TOTAL CITY CLERK	63,318	158,189	147,950	305,643	147,454	51.8
COMPTROLLER/TREASURER						
COMPTROLLER	66,688	114,275	127,398	223,963	109,688	51.0
DATA PROCESSING	1,882	18,347	28,328	20,000	1,653	91.7
RISK & PROP.MGMT	72,644	175,190	137,295	158,322	16,868-	110.7
TOTAL COMPTROLLER/TREASURER	141,213	307,811	293,022	402,285	94,474	76.5
CITY ATTORNEY	2,594	19,196	18,360	55,000	35,804	34.9
ASSESSOR	881	4,407	5,289	10,600	6,193	41.6
TOTAL GENERAL GOVERNMENT	215,368	506,961	483,222	820,288	313,327	61.8

CITY OF MAYVILLE

GENERAL FUND REVENUES AND EXPENDITURES COMPARED TO BUDGET FOR THE 6 MONTHS ENDING JUNE 30, 2026

	PERIOD AMOUNT	YTD ACTUAL	PRIOR YTD ACTUAL	BUDGET AMOUNT	VARIANCE	% OF BUDGET
PUBLIC SAFETY						
POLICE DEPARTMENT						
POLICE DEPARTMENT	254,115	654,580	665,245	1,473,771	819,191	44.4
CROSSING GUARDS	1,655	4,610	3,870	8,279	3,669	55.7
POLICE EQUIPMENT						
TOTAL POLICE DEPARTMENT	255,770	659,190	669,115	1,482,050	822,860	44.5
FIRE DEPARTMENT						
FIRE DEPARTMENT	29,354	107,414	160,007	275,310	167,896	39.0
FIRE INSPECTION	349	1,461	369	13,500	12,039	10.8
TOTAL FIRE DEPARTMENT	29,702	108,875	160,376	288,810	179,935	37.7
EMS	150,825	408,337	313,107	675,687	267,350	60.4
FIRE AND POLICE COMMISSION	0	0	282	0	0	.0
BUILDING INSPECTOR	13,855	15,012	25,283	40,100	25,088	37.4
EMERGENCY GOVERNMENT	394	1,141	1,196	7,110	5,969	16.0
TOTAL PUBLIC SAFETY	450,547	1,192,555	1,169,358	2,493,757	1,301,202	47.8
PUBLIC WORKS						
ZONING	17,183	31,147	11,840	55,100	23,953	56.5
STREETS & ROADS	111,463	280,375	225,482	711,766	431,391	39.4
STREET LIGHTING	20,390	45,739	33,033	69,900	24,161	65.4
STORM SEWERS	1,750	1,927	2,884	6,400	4,473	30.1
SIDEWALKS & CROSSINGS	0	514	193	3,500	2,986	14.7
WEED CONTROL	0	0	116	2,050	2,050	.0
TREES & BRUSH	4,116	5,468	26,243	18,500	13,032	29.6
SNOW & ICE	176	105,180	75,281	213,708	108,528	49.2
BRIDGES	0	60	0	3,000	2,940	2.0
FLOOD CONTROL	0	170	498	1,100	930	15.4
DAMS	147	601	2,375	14,600	13,999	4.1
CELEBRATIONS/ENTMNT	0	85	753	6,000	5,915	1.4
TOTAL PUBLIC WORKS	155,226	471,265	378,699	1,105,624	634,359	42.6
HEALTH & SOCIAL SERVICES						
ANIMAL CONTROL	0	4,000	4,000	4,000	0	100.0
CONTRIBUTIONS	0	21,000	19,500	21,000	0	100.0
TOTAL HEALTH & SOCIAL SERVICES	0	25,000	23,500	25,000	0	100.0
LEISURE ACTIVITIES						

CITY OF MAYVILLE

GENERAL FUND REVENUES AND EXPENDITURES COMPARED TO BUDGET FOR THE 6 MONTHS ENDING JUNE 30, 2026

	PERIOD AMOUNT	YTD ACTUAL	PRIOR YTD ACTUAL	BUDGET AMOUNT	VARIANCE	% OF BUDGET
LIBRARY						
PUBLIC LIBRARY	50,978	140,874	130,858	301,000	160,126	46.8
LIBRARY DATA PROCESSING	213	388	0	18,000	17,612	2.2
TOTAL LIBRARY	51,191	141,262	130,858	319,000	177,738	44.3
PARKS & RECREATION						
PARKS	47,248	89,450	104,303	166,345	76,895	53.8
RECREATIONAL DIRECTOR	17,228	28,313	26,785	58,664	30,351	48.3
SUMMER RECREATION	6,401	7,309	0	6,195	1,114-	118.0
TOTAL PARKS & RECREATION	70,877	125,072	131,088	231,204	106,132	54.1
SENIOR CITIZENS CENTER	687	2,601	3,317	6,250	3,649	41.6
HISTORICAL SOCIETY	0	1,000	1,000	1,000	0	100.0
TOTAL LEISURE ACTIVITIES	122,755	269,935	266,263	557,454	287,519	48.4
OTHER EXPENSES						
TOTAL OTHER EXPENSES	0	0	0	0	0	.0
OPERATING TRANSFERS						
CONTINGENCY	0	0	0	30,200	30,200	.0
TOTAL OPERATING TRANSFERS	0	0	0	30,200	30,200	.0
TOTAL FUND EXPENDITURES	943,896	2,465,717	2,321,042	5,032,323	2,566,606	49.0
NET REVENUE OVER EXPENDITURES	656,145-	1,485,489-	859,670	97,388	1,582,877	1,525.3-

Report Criteria:

Detail report.

Invoices with totals above \$0 included.

Only paid invoices included.

GL Account and Title	Vendor	Vendor Name	Inv Date	Invoice No	Description	Amount	GL Date
01-11105-00-000-000	99201	UTILITY REFUNDS	05/12/2026	FISCHER - 534 FURNANC	UTILITY REFUND	113.19	05/31/2026
Total 01-11105-00-000-000 UTILITY CASH CLEARING:						113.19	
10-21112-00-000-000	5229	FAMILY DOLLAR	06/17/2026	OVERPAYMENT 2026 LIC	REFUND FOR LIQUOR LICENSE, SENT WRONG A	288.52	06/30/2026
Total 10-21112-00-000-000 ACCOUNTS PAYABLE-MISC:						288.52	
10-21515-00-000-000	2355	SECURIAN FINANCIAL GROUP INC	05/26/2026	002832L - JULY	JULY 2026 CITY EMPLOYEES LIFE INSURANCE P	1,029.21	06/30/2026
10-21515-00-000-000	2355	SECURIAN FINANCIAL GROUP INC	05/04/2026	002832L JUNE 2026	JUNE 2026 CITY EMPLOYEES LIFE INSURANCE P	957.68	05/31/2026
10-21515-00-000-000	4707	METROPOLITAN LIFE INSURANCE CO	05/18/2026	MAY 2026	(35) STD, AD&D, LIFE INSURANCE	691.01	06/30/2026
10-21515-00-000-000	4707	METROPOLITAN LIFE INSURANCE CO	05/18/2026	MAY 2026	CREDIT AS OF 5/18/2026	154.80	06/30/2026
Total 10-21515-00-000-000 LIFE INSURANCE PAYABLES:						2,523.10	
10-21517-00-000-000	106	AFLAC	05/26/2026	048396	#PLP61 MAY PREMIUMS (5)	210.94	06/30/2026
Total 10-21517-00-000-000 AFLAC:OTHER INS PAYABLE:						210.94	
10-21519-00-000-000	880	DELTA DENTAL OF WISCONSIN INC	06/01/2026	JUNE 2026	INV# 2555114 DENTAL COVERAGE 6/1/2026-6/30/20	3,110.65	06/30/2026
Total 10-21519-00-000-000 DENTAL INSURANCE:						3,110.65	
10-21526-00-000-000	880	DELTA DENTAL OF WISCONSIN INC	06/01/2026	JUNE 2026	INV# 2561745 VISION COVERAGE 6/1/26 -6/30/26	37.88	06/30/2026
Total 10-21526-00-000-000 VISION INSURANCE:						37.88	
10-21550-00-000-000	5043	MAYVILLE POLICE UNION	05/01/2026	APRIL	2026 APRIL - MONTHLY UNION DUES	330.00	05/31/2026
10-21550-00-000-000	5043	MAYVILLE POLICE UNION	06/17/2026	MAY 2026	MAY 2026 POLICE UNION DUES	330.00	06/30/2026
Total 10-21550-00-000-000 DUE TO UNION DUES - POLICE:						660.00	
10-44410-31-000-000	5902	TOWN OF THERESA	05/28/2026	05.28.2026	BUILDING PERMIT	1,415.36	05/31/2026
Total 10-44410-31-000-000 ZONING - BUILDING PERMITS:						1,415.36	
10-51100-01-301-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#7943 ZONING WORKSHOP - PULS & OLSON - PLA	40.00	06/30/2026
Total 10-51100-01-301-000 CITY COUNCIL - TRNG, REG, MEM:						40.00	
10-51100-01-314-000	3119	SKYLINE SALES	05/04/2026	0444	MEETING NAME PLATE - RACHEL SMITH	24.50	05/31/2026
10-51100-01-314-000	3119	SKYLINE SALES	05/04/2026	0444	MEETING NAME PLATE - NICOLE GOODWIN	24.50	05/31/2026
10-51100-01-314-000	3119	SKYLINE SALES	05/04/2026	0444	MEETING NAME PLATE - MARY WINTER	24.50	05/31/2026
10-51100-01-314-000	3119	SKYLINE SALES	05/04/2026	0444	SHIPPING	5.00	05/31/2026
10-51100-01-314-000	3119	SKYLINE SALES	05/27/2026	0470	NAMEPLATE - WARD 5 ALDERPERSON	29.50	06/30/2026
Total 10-51100-01-314-000 CITY COUNCIL - SUPPLIES:						108.00	
10-51110-02-314-000	4854	IMAGE 360 INC	04/27/2026	21482	K. NEUMANN PLAQUE	90.00	05/31/2026
Total 10-51110-02-314-000 MAYOR - SUPPLIES:						90.00	
10-51300-03-319-000	2100	MADDEN LAW GROUP	05/04/2026	APRIL 2026	INV#14927 CITY HALL LEGAL FEES	249.00	05/31/2026
10-51300-03-319-000	2100	MADDEN LAW GROUP	05/04/2026	APRIL 2026	INV#14916 POLICE DEPT LEGAL FEES	2,345.40	05/31/2026

Report dates: 5/1/2026-6/30/2026

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GL Account and Title	Vendor	Vendor Name	Inv Date	Invoice No	Description	Amount	GL Date
Total 10-51300-03-319-000 CITY ATTORNEY - LEGAL SERVICES:						2,594.40	
10-51410-05-216-000	1001	DWD-UI	05/02/2026	MAY 2026	18/26 DWD - S. JUSTMANN 5.2.26	348.00	06/30/2026
10-51410-05-216-000	1001	DWD-UI	05/02/2026	MAY 2026	19/26 DWD - S. JUSTMANN 5.9.26	348.00	06/30/2026
10-51410-05-216-000	1001	DWD-UI	05/02/2026	MAY 2026	20/26 DWD - S. JUSTMANN 5.16.26	254.00	06/30/2026
10-51410-05-216-000	1001	DWD-UI	05/02/2026	MAY 2026	21/26 DWD - S. JUSTMANN 5.16.26	369.00	06/30/2026
10-51410-05-216-000	1001	DWD-UI	05/02/2026	MAY 2026	INTEREST ASSESSED	.46	06/30/2026
10-51410-05-216-000	1001	DWD-UI	05/29/2026	WEEK 16/26	04/01/2026-04/30/2026 S. JUSTMAN	62.00	06/30/2026
Total 10-51410-05-216-000 GEN ADMIN - UNEMPLOYMENT COM:						1,381.46	
10-51420-04-301-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#6177 WMCA - M. KRAPFL MEMBERSHIP -DPETY C	65.00	05/31/2026
10-51420-04-301-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#6177 WMCA - A. VOLBRIGHT MEMBERSHIP -DPE	65.00	05/31/2026
10-51420-04-301-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6177 2026 WMCA CONFERENCE - A. GONSTEAD	210.00	06/30/2026
10-51420-04-301-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6177 2026 WMCA CONFERENCE -A. VOLBRIGHT	210.00	06/30/2026
10-51420-04-301-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6177 2026 WMCA NEW CLERKS CLASS -A. VOLBR	90.00	06/30/2026
Total 10-51420-04-301-000 CLERK - TRNG, TRAV, LODG, REG:						640.00	
10-51420-04-310-000	5042	MULTI MEDIA CHANNELS LLC	05/05/2026	109809 APRIL	IN320168 RFP 01-2026: WEED COMPLIANCE -PARK	92.88	05/31/2026
10-51420-04-310-000	5042	MULTI MEDIA CHANNELS LLC	05/05/2026	109809 APRIL	IN321197 DPW/PARKS 2026 WEED NOTICE	129.00	05/31/2026
10-51420-04-310-000	5042	MULTI MEDIA CHANNELS LLC	05/05/2026	109809 APRIL	IN321197 OPEN BOOK BOR NOTICE	443.76	05/31/2026
10-51420-04-310-000	5042	MULTI MEDIA CHANNELS LLC	05/05/2026	109809 APRIL	IN322303 BUDGET AMENDMENT RESOLUTION	106.07	05/31/2026
10-51420-04-310-000	5042	MULTI MEDIA CHANNELS LLC	05/05/2026	109809 APRIL	IN322303 DPW/PARKS 2026 WEED NOTICE	129.00	05/31/2026
10-51420-04-310-000	5042	MULTI MEDIA CHANNELS LLC	05/05/2026	109809 APRIL	IN322303 COUNCIL MINUTES	685.16	05/31/2026
10-51420-04-310-000	5042	MULTI MEDIA CHANNELS LLC	05/17/2026	MAY 2026	IN#324730 2026 LIQ LIC. RENEWALS PUBLICATION	216.72	06/30/2026
10-51420-04-310-000	5042	MULTI MEDIA CHANNELS LLC	05/17/2026	MAY 2026	IN#325999 LIQ LICENSING PUBLICATION	216.72	06/30/2026
Total 10-51420-04-310-000 CLERK - PUBLICATION NOTICE:						2,019.31	
10-51420-04-328-000	3783	WISCONSIN DEPT OF JUSTICE -CIB	05/05/2026	202604 - ACCT# L1405T	BACKGROUND CHECKS - OPERATOR LIC.	35.00	05/31/2026
10-51420-04-328-000	3783	WISCONSIN DEPT OF JUSTICE -CIB	05/05/2026	202604 - ACCT# L1405T	BACKGROUND CHECKS - DIRECT SELLERS PERM	7.00	05/31/2026
10-51420-04-328-000	3783	WISCONSIN DEPT OF JUSTICE -CIB	06/19/2026	G11514	(97) OPERATOR/LIQUOR LICENSE BACKGROUND	693.00	06/30/2026
10-51420-04-328-000	3783	WISCONSIN DEPT OF JUSTICE -CIB	05/11/2026	L1405T -MAY	(5) BARTENDER BACKGROUND CHECKS 2026.05.0	35.00	06/30/2026
Total 10-51420-04-328-000 CLERK - BACKGROUND CHECKS:						770.00	
10-51440-05-314-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#6177 (5) DOMINO'S PIZZA - ELECTION MEALS 4.7.	49.53	05/31/2026
10-51440-05-314-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#6177 (15) SUBWAY - ELECTION MEALS 4.7.26	121.35	05/31/2026
10-51440-05-314-000	950	COUNTY OF DODGE	06/02/2026	11375	2026 SPRING ELECTION - COUNTY COSTS	693.37	06/30/2026
10-51440-05-314-000	4906	MAYVILLE ACE HARDWARE	05/05/2026	8722 APRIL 2026	CITY HALL - ELECTION SUPPLIES #15690	38.54	05/31/2026
10-51440-05-314-000	5042	MULTI MEDIA CHANNELS LLC	05/05/2026	109809 APRIL	IN318347 2026 SPRING ELECTION NOTICE	87.72	05/31/2026
Total 10-51440-05-314-000 ELECTIONS - SUPPLIES/ PUBLICAT:						990.51	
10-51450-06-312-000	1294	GENESIS COMPUTER SYSTEMS LLC	06/05/2026	4393-R-0009	(49) MONTHLY MICROSOFT LICENSES -JUNE	1,131.90	06/30/2026
10-51450-06-312-000	1294	GENESIS COMPUTER SYSTEMS LLC	05/28/2026	5010 -CITY HALL	WARD 3 LAPTOP	75.00	06/30/2026
10-51450-06-312-000	1294	GENESIS COMPUTER SYSTEMS LLC	05/28/2026	5010 -CITY HALL	PRINTER ISSUES	150.00	06/30/2026
10-51450-06-312-000	1294	GENESIS COMPUTER SYSTEMS LLC	05/28/2026	5010 -CITY HALL	NEW EMPLOYEE SET-UP @ CITY HALL	225.00	06/30/2026
10-51450-06-312-000	1294	GENESIS COMPUTER SYSTEMS LLC	05/28/2026	5010 -CITY HALL	ALDERPERSON LAPTOP WORK	300.00	06/30/2026
Total 10-51450-06-312-000 DATA PROCESSING - DATA PROCESS:						1,881.90	
10-51510-07-302-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#7943 WGFOA CONF- N.DEBAKER 4.22.26-4.23.26	202.00	05/31/2026
Total 10-51510-07-302-000 COMPTROLLER - MEMBERSHIP DUES:						202.00	
10-51510-07-314-000	5912	STAPLES	05/21/2026	MAY 2026	INV#6064218481 CLIP MINI BINDER 144CT	15.69	06/30/2026

Report dates: 5/1/2026-6/30/2026

Jul 10, 2026 08:24AM

GL Account and Title	Vendor	Vendor Name	Inv Date	Invoice No	Description	Amount	GL Date
Total 10-51510-07-314-000 COMPTROLLER - SUPPLIES-OFFICE:						15.69	
10-51510-07-319-000	5788	CASELLE LLC	06/02/2026	INV-19803	2ND INSTALLMENT - CASELLE 2026	5,103.55	06/30/2026
10-51510-07-319-000	5843	CLIFTON LARSON ALLEN LLP	05/13/2026	L261288486	AUDIT SERVICES PREFORMED 12/31/2025	26,250.00	05/31/2026
10-51510-07-319-000	5843	CLIFTON LARSON ALLEN LLP	06/02/2026	L261340586	2025 AUDIT SERVICES	15,645.00	06/30/2026
Total 10-51510-07-319-000 COMPTROLLER - CONTRACTED SERVI:						46,998.55	
10-51510-07-354-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	LATE FEE	39.00	06/30/2026
10-51510-07-354-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	INTEREST CHARGES	285.32	06/30/2026
Total 10-51510-07-354-000 COMPTROLLER - MISCELLANEOUS:						324.32	
10-51530-08-319-000	243	ASSOCIATED APPRAISAL CONSULTA	05/01/2026	186118	WEBSITE POSTING OF ASSESSMENT DATE	48.14	05/31/2026
10-51530-08-319-000	243	ASSOCIATED APPRAISAL CONSULTA	05/01/2026	186118	PROFESSIONAL SERVICES - MAY 2026	833.33	05/31/2026
Total 10-51530-08-319-000 ASSESSMENT - PROFESSIONAL SERV:						881.47	
10-51540-09-336-000	5693	R&R INSURANCE SERVICES INC	06/01/2026	3415703	2ND INSTALLMENT - 2026 INS POLICY #14251-2026	36,481.00	06/30/2026
Total 10-51540-09-336-000 RISK & PROP MGMT - INS-PUB LIA:						36,481.00	
10-51540-09-387-000	5693	R&R INSURANCE SERVICES INC	06/01/2026	3415704	2ND INSTALLMENT - 2026 WORKERS COMP 1/1/26-	36,163.00	06/30/2026
Total 10-51540-09-387-000 RISK & PROP MGMT - INS-WRK COM:						36,163.00	
10-51600-10-304-000	660	CHARTER COMMUNICATIONS	06/01/2026	249874001	CITY HALL INTERNET/PHONE	834.92	06/30/2026
10-51600-10-304-000	660	CHARTER COMMUNICATIONS	05/01/2026	249874001050126	#250342201 CITY HALL PHONE/INTERNET	834.92	05/31/2026
10-51600-10-304-000	5771	AT & T MOBILITY	04/18/2026	287355199229X04262026	2026/03/18 - 2026-04/18 CITY ISSUED CELLPHONE	773.41	05/31/2026
10-51600-10-304-000	5771	AT & T MOBILITY	05/18/2026	287355199229X05262026	920-821-6525 CITY CLERK EXECUTIVE	36.78	06/30/2026
Total 10-51600-10-304-000 CITY HALL - TELEPHONE & INTERN:						2,480.03	
10-51600-10-305-000	2710	USPS	06/01/2026	PO BOX 273 YEARLY RE	ANNUAL POST OFFICE BOX RENTAL#273	198.00	06/30/2026
Total 10-51600-10-305-000 CITY HALL - POSTAGE & BOX RENT:						198.00	
10-51600-10-314-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#7943 REMOTEPC - YEARLY AUTO RENEWAL	99.50	06/30/2026
10-51600-10-314-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#7943 ADOBE - YEARLY AUTO RENEWAL	239.88	06/30/2026
10-51600-10-314-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6177 AMAZON - BINDERS, FILE FOLDERS, LABEL	104.78	06/30/2026
10-51600-10-314-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6177 AMAZON - LAMINATE SHTS, COLOR PAPER,	113.57	06/30/2026
10-51600-10-314-000	5897	PITNEY BOWES INC	05/08/2026	1029418978	POSTAGE MACHINE E-Z SEAL 4/BOX	102.08	05/31/2026
10-51600-10-314-000	5912	STAPLES	05/21/2026	MAY 2026	INV#6064218483 (3) CASES OF PAPER	142.27	06/30/2026
Total 10-51600-10-314-000 CITY HALL - SUPPLIES-OFFICE:						802.08	
10-51600-10-319-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#6177 GENESIS COMPUTER- 4/26 MICROSOFT BU	1,131.90	05/31/2026
10-51600-10-319-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6177 GENESIS COMPUTER- 5/26 MICROSOFT BU	1,131.90	06/30/2026
Total 10-51600-10-319-000 CITY HALL - PROF CONTRCT SERVI:						2,263.80	
10-51600-10-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	1325330000 - APRIL 22 20	CITY HALL GAS	131.92	05/31/2026
10-51600-10-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	1325330000 - APRIL 22 20	CITY HALL ELECTRIC	599.86	05/31/2026
10-51600-10-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	1325330000 - MAY 20	CITY HALL GAS	91.98	05/31/2026
10-51600-10-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	1325330000 - MAY 20	CITY HALL ELECTRIC	564.18	05/31/2026
Total 10-51600-10-323-000 CITY HALL - ELECTRIC/ GAS:						1,387.94	
10-51600-10-351-000	4906	MAYVILLE ACE HARDWARE	05/05/2026	8722 APRIL 2026	DPW SUPPLIES #15586	3.78	05/31/2026
10-51600-10-351-000	4965	JAMES IMAGING SYSTEMS INC	05/18/2026	1697202	BLACK/COLOR IMAGES - CITY HALL	72.79	05/31/2026

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10-51600-10-351-000	4965	JAMES IMAGING SYSTEMS INC	05/18/2026	1697202	CITY HALL TONER REPLACEMENT - SHIPPING	8.95	05/31/2026
10-51600-10-351-000	4965	JAMES IMAGING SYSTEMS INC	06/12/2026	1704644	BLACK/COLOR IMAGES - CITY HALL	173.55	06/30/2026
10-51600-10-351-000	4965	JAMES IMAGING SYSTEMS INC	06/12/2026	1704644	CITY HALL (2) TONER REPLACEMENT - SHIPPING	17.90	06/30/2026
Total 10-51600-10-351-000 CITY HALL - MAINT BUILDING:						276.97	
10-52110-21-206-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#0287 ICPC BASIC CHAPLAINCY COURSE	235.00	05/31/2026
10-52110-21-206-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#0287AMERICINN - J. JOHNSON 4.14.26-4.16.26	158.00	05/31/2026
10-52110-21-206-000	3655	WAUKESHA COUNTY TECHNICAL CO	04/27/2026	S0892242	J. FEUCHT - TUTION TACTICAL/LEGAL TRNG 4/20	71.14	05/31/2026
10-52110-21-206-000	3655	WAUKESHA COUNTY TECHNICAL CO	04/27/2026	S0892242	B. MANTYCH - TUTION TACTICAL TRNG 4/13/26	35.57	05/31/2026
10-52110-21-206-000	3655	WAUKESHA COUNTY TECHNICAL CO	04/27/2026	S0892242	R. SHMAUS - TACTICAL TRNG 4/13/2026	35.57	05/31/2026
10-52110-21-206-000	3655	WAUKESHA COUNTY TECHNICAL CO	05/26/2026	S0896194	J. FEUCHT - 4/22 FIREARMS TUITION	35.57	06/30/2026
10-52110-21-206-000	3655	WAUKESHA COUNTY TECHNICAL CO	05/26/2026	S0896194	M. HOWELL - 5/4-5/7 TACTICAL,LEGAL, FIREARMS	106.71	06/30/2026
10-52110-21-206-000	3655	WAUKESHA COUNTY TECHNICAL CO	05/26/2026	S0896194	J.JOHNSON - 5/8 FIREARMS TUITION	35.57	06/30/2026
10-52110-21-206-000	3655	WAUKESHA COUNTY TECHNICAL CO	05/26/2026	S0896194	B.MANTYCH - 4/28 LEGAL TUITION	35.57	06/30/2026
10-52110-21-206-000	3655	WAUKESHA COUNTY TECHNICAL CO	05/26/2026	S0896194	S.PETRACK - 4/27 TACTICS & FIREARMS TUITION	71.14	06/30/2026
10-52110-21-206-000	3655	WAUKESHA COUNTY TECHNICAL CO	05/26/2026	S0896194	J. STUCKENBERG - 5/4&5/7 TACTIC & FIREARMS T	71.14	06/30/2026
10-52110-21-206-000	3655	WAUKESHA COUNTY TECHNICAL CO	05/26/2026	S0896194	R.TOELLNER - 4/27&4/28 TACTICS,LEGAL&FIREAR	106.71	06/30/2026
Total 10-52110-21-206-000 POLICE DEPT - EDUCATION & TRAI:						997.69	
10-52110-21-302-000	3772	WISCONSIN CHIEFS OF POLICE ASS	12/01/2025	14941	2026 CHIEF'S MEMBERSHIP RENEWAL	150.00	05/31/2026
Total 10-52110-21-302-000 POLICE DEPT - MEMBERSHIP DUES:						150.00	
10-52110-21-304-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#0287 (4) ONSTAR UNLIMITED DATA PLANS	96.19	05/31/2026
10-52110-21-304-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#0287 ONSTAR - (4) UNLIMITED DATA	96.19	06/30/2026
10-52110-21-304-000	660	CHARTER COMMUNICATIONS	06/01/2026	249874001	POLICE DEPT INTERNET & PHONE	586.79	06/30/2026
10-52110-21-304-000	660	CHARTER COMMUNICATIONS	05/01/2026	249874001050126	#250090001 POLICE DEPT - INTERNET	200.00	05/31/2026
10-52110-21-304-000	660	CHARTER COMMUNICATIONS	05/01/2026	249874001050126	#250819801 POLICE DEPT - PHONE	386.79	05/31/2026
10-52110-21-304-000	5771	AT & T MOBILITY	05/18/2026	287355199229X05262026	(9) PD MOBILE PHONES & (3) HOTSPOTS	381.15	06/30/2026
Total 10-52110-21-304-000 POLICE DEPT - TELEPHONE-INTERN:						1,747.11	
10-52110-21-312-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#0287 US POSTAL STAMPS	85.00	05/31/2026
10-52110-21-312-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#0287 CHECKR	16.00	06/30/2026
10-52110-21-312-000	3784	WISCONSIN DEPT OF JUSTICE-TIME	04/10/2026	455TIME-0000019929	TIME SYSTEM ACCESS	180.00	05/31/2026
10-52110-21-312-000	3784	WISCONSIN DEPT OF JUSTICE-TIME	04/10/2026	455TIME-0000019929	QTRLY CHG - OFFICER SUPPORT	114.75	05/31/2026
Total 10-52110-21-312-000 POLICE DEPT - DATA PROCESSING:						395.75	
10-52110-21-314-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#0287 AMAZON - PAPER NAPKINS, SELF SEAL EN	73.82	05/31/2026
Total 10-52110-21-314-000 POLICE DEPT - OPERATNG SPPLIES:						73.82	
10-52110-21-319-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#0287 IDRIVE.COM	149.50	05/31/2026
10-52110-21-319-000	5007	ELLIOTT PSYCHOLOGICAL SERVICES	04/20/2026	26-11LE MAY	PRE-EMPLOYMENT PSYC EVAL - A. SCHULTZ	875.00	05/31/2026
Total 10-52110-21-319-000 POLICE DEPT - CONTRACTED SERVI:						1,024.50	
10-52110-21-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	1325330000 - APRIL 22 20	POLICE GAS	197.88	05/31/2026
10-52110-21-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	1325330000 - APRIL 22 20	POLICE ELECTRIC	899.80	05/31/2026
10-52110-21-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	1325330000 - MAY 20	POLICE GAS	137.97	05/31/2026
10-52110-21-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	1325330000 - MAY 20	POLICE ELECTRIC	846.28	05/31/2026
Total 10-52110-21-323-000 POLICE DEPT - UTILITIES-ELECTR:						2,081.93	
10-52110-21-328-000	821	CULLIGAN WATER CONDITIONING	04/30/2026	441188PD-1006311DPW	INV#196848 80# SOFTNER SALT - PD	46.00	05/31/2026
Total 10-52110-21-328-000 POLICE DEPT - EQUIP-LEASE/RENT:						46.00	

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10-52110-21-347-000	966	DODGE COUNTY SHERIFF'S DEPT	04/08/2026	11161	INV# 11161 MISC CHARGES TO LOCAL GOVT	274.32	05/31/2026
Total 10-52110-21-347-000 POLICE DEPT - INVESTIGATE SRVC:						274.32	
10-52110-21-348-000	5084	TOP PACK DEFENSE	05/09/2026	18959	A. SCHULTZ - INITIAL UNIFORM & NAME TAG	629.84	06/30/2026
10-52110-21-348-000	5084	TOP PACK DEFENSE	05/19/2026	19023	A. SCHULTZ - INITIAL UNIFORM & ACCESSORIES	1,212.14	06/30/2026
Total 10-52110-21-348-000 POLICE DEPT - CLOTHING & UNIFO:						1,841.98	
10-52110-21-350-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#0287 PIGGLY WIGGLY - ASSORTED DONUTS	16.77	06/30/2026
10-52110-21-350-000	3302	SYMBOL ARTS LLC	04/10/2026	0563030	MAYVILLE PD CHAPLAIN'S BADGE	162.50	05/31/2026
10-52110-21-350-000	3302	SYMBOL ARTS LLC	04/13/2026	0563195	HAT BADGES	150.00	06/30/2026
10-52110-21-350-000	3302	SYMBOL ARTS LLC	04/13/2026	0563195	SHIPPING	12.50	06/30/2026
Total 10-52110-21-350-000 POLICE DEPT - COMM SERVICES:						341.77	
10-52110-21-351-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#0287 AMAZON - ANKER IPHONE CHARGER	16.98	06/30/2026
10-52110-21-351-000	821	CULLIGAN WATER CONDITIONING	01/30/2026	196562 & 197270	RENTAL FOR SOFTNER 02/01-02/28	29.00	06/30/2026
10-52110-21-351-000	821	CULLIGAN WATER CONDITIONING	01/30/2026	196562 & 197270	RENTAL FOR SOFTNER 06/01-06/30	29.00	06/30/2026
10-52110-21-351-000	821	CULLIGAN WATER CONDITIONING	04/30/2026	441188PD-1006311DPW	INV# 197079 WATER SOFTNER RENTAL -PD	29.00	05/31/2026
10-52110-21-351-000	1464	HALSNE SERVICE	04/27/2026	04/27/2026-04/30/2026	INV#56275 '25 CHEVY TAHOE - LFT TIRE LEAK	35.95	05/31/2026
10-52110-21-351-000	2274	MENARDS INC - BEAVER DAM	04/02/2026	APRIL 2026	INV# 93087 32W 2 BULB BALLAST, 48" T8 32W 4100	140.97	05/31/2026
10-52110-21-351-000	4965	JAMES IMAGING SYSTEMS INC	05/18/2026	1697202	BLACK IMAGES - POLICE DEPT	1.98	05/31/2026
10-52110-21-351-000	4965	JAMES IMAGING SYSTEMS INC	06/12/2026	1704644	BLACK IMAGES - POLICE DEPT	4.10	06/30/2026
10-52110-21-351-000	4987	BAYCOM INC	05/21/2026	EQUIPINV_055649	MOBILE PROGRAMMING CABLE	71.50	06/30/2026
Total 10-52110-21-351-000 POLICE DEPT-MAINT-BLDNG VEHL:						358.48	
10-52110-21-386-000	1938	KWIK TRIP INC	05/04/2026	ACCT 00272441 -APRIL 2	POLICE FUEL	1,788.32	05/31/2026
10-52110-21-386-000	1938	KWIK TRIP INC	06/04/2026	MAY 2026	POLICE FUEL	2,333.83	06/30/2026
Total 10-52110-21-386-000 POLICE DEPT - SUPPLIES-GAS OIL:						4,122.15	
10-52200-22-205-000	3210	STATE FARM INSURANCE	05/07/2026	AS-0081-6823	04/01/2026-05/01/2026 FD LIFE INS PREMIUM	112.00	05/31/2026
Total 10-52200-22-205-000 FIRE DEPT - LIFE INSURANCE:						112.00	
10-52200-22-206-000	2381	MORAIN PARK TECHNICAL COLLEG	05/01/2026	s0101530	MPTC TUITION - S. GERTH	80.00	05/31/2026
Total 10-52200-22-206-000 FIRE DEPT - EDUCATION & TRAINI:						80.00	
10-52200-22-304-000	660	CHARTER COMMUNICATIONS	06/01/2026	249874001	FIRE INTERNET & PHONE	226.36	06/30/2026
10-52200-22-304-000	660	CHARTER COMMUNICATIONS	05/01/2026	249874001050126	#170671601 FIRE DEPT - INTERNET	200.00	05/31/2026
10-52200-22-304-000	660	CHARTER COMMUNICATIONS	05/01/2026	249874001050126	#250819901 FIRE DEPT - PHONE	26.36	05/31/2026
10-52200-22-304-000	5771	AT & T MOBILITY	05/18/2026	287355199229X05262026	(2) FIRE ASST CHIEF MOBILE PHONES	94.82	06/30/2026
Total 10-52200-22-304-000 FIRE DEPT - TELEPHONE-INTERNET:						547.54	
10-52200-22-314-000	1734	JEFFERSON FIRE & SAFETY INC	04/22/2026	ACCT 03212 APR-MARCH	INV# PB002422 HONEYWELL COAT/PANTS	559.49	05/31/2026
10-52200-22-314-000	1734	JEFFERSON FIRE & SAFETY INC	04/22/2026	ACCT 03212 APR-MARCH	INV# IN339221 METHANE 21 LITER, CALIB GLASS	340.03	05/31/2026
10-52200-22-314-000	1734	JEFFERSON FIRE & SAFETY INC	04/22/2026	ACCT 03212 APR-MARCH	INV# IN339479 SCBA BREATHING AIR TEST	491.44	05/31/2026
10-52200-22-314-000	4906	MAYVILLE ACE HARDWARE	05/05/2026	8722 APRIL 2026	FIRE SUPPLIES #15790 &15862	38.89	05/31/2026
10-52200-22-314-000	4906	MAYVILLE ACE HARDWARE	05/31/2026	MAY 2026	#16247,16248: RUBBER BANDS, CARD STOCK COP	62.54	06/30/2026
Total 10-52200-22-314-000 FIRE DEPT - SUPPLIES:						1,492.39	
10-52200-22-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	6769915759	FIRE STATION - ELECTRIC	206.96	05/31/2026
10-52200-22-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	6769915759	FIRE STATION - GAS	44.06	05/31/2026
10-52200-22-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	6769915759 - APRIL 22 20	FIRE STATION - ELECTRIC	204.84	05/31/2026
10-52200-22-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	6769915759 - APRIL 22 20	FIRE STATION - GAS	141.08	05/31/2026

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Total 10-52200-22-323-000 FIRE DEPT - ELECTRIC/ GAS:						596.94	
10-52200-22-330-000	5204	SIREN SERVICES LLC	06/03/2026	5218	UNIT #2983 SERVICE CALL - OIL/FILTER & FUEL FI	1,266.49	06/30/2026
10-52200-22-330-000	5204	SIREN SERVICES LLC	06/04/2026	5219	UNIT#2965SERVICE CALL #2971	2,266.66	06/30/2026
10-52200-22-330-000	5204	SIREN SERVICES LLC	06/04/2026	5220	UNIT# 2963 FIRE APPARATUS FULL SERV/ SAFET	2,398.20	06/30/2026
10-52200-22-330-000	5204	SIREN SERVICES LLC	06/04/2026	5221	UNIT #2964 MAINTENANCE #1 2971	3,935.05	06/30/2026
10-52200-22-330-000	5876	NAPA AUTO PARTS - MPEC	06/16/2026	MAY 2026	BACK-UP ALARM FIBERGLASS HOUSING, BLSTR,	77.63	06/30/2026
Total 10-52200-22-330-000 FIRE DEPT - MAINT-VEH #1 2971:						9,944.03	
10-52200-22-348-925	1734	JEFFERSON FIRE & SAFETY INC	03/05/2026	IN337567 - RECUT	IN337567 - HEX ARNIR 8180 SR-X FIRE ARMOR GL	88.00	05/31/2026
10-52200-22-348-925	1734	JEFFERSON FIRE & SAFETY INC	03/05/2026	IN337567 - RECUT	FREIGHT	32.51	05/31/2026
10-52200-22-348-925	5203	FIRE-DEX GW LLC	04/23/2026	5-2854	LUBNER - BUNKER COAT/PANTS - INSP, CLEAN,	103.50	05/31/2026
10-52200-22-348-925	5203	FIRE-DEX GW LLC	04/23/2026	5-2854	B.MARX - BUNKER COAT/PANTS - INSP, CLEAN, R	137.25	05/31/2026
10-52200-22-348-925	5203	FIRE-DEX GW LLC	06/03/2026	S-2946	(4) BUNKER COATS & PANTS INSP & RPR	646.20	06/30/2026
Total 10-52200-22-348-925 FIRE DEPT - 2% QUAL CLOTHING &:						1,007.46	
10-52200-22-386-000	1938	KWIK TRIP INC	05/04/2026	ACCT 00272441 -APRIL 2	FIRE FUEL	490.38	05/31/2026
10-52200-22-386-000	1938	KWIK TRIP INC	06/04/2026	MAY 2026	FIRE FUEL	346.64	06/30/2026
Total 10-52200-22-386-000 FIRE DEPT - SUPPLIES-GAS/OIL/E:						837.02	
10-52200-22-710-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6144 EAGLE ENGRAVING - SERVICE AWARD/SHI	86.95	06/30/2026
Total 10-52200-22-710-000 FIRE DEPT - SERVICE AWARDS:						86.95	
10-52300-24-206-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6169 AMAZON -SIDEWALK CHALK, KICKBALLS	74.13	06/30/2026
10-52300-24-206-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6169 AMAZON - EMPLOYEE STRESS BALLS	32.38	06/30/2026
Total 10-52300-24-206-000 AMBULANCE - EDUCATION & TRAINI:						106.51	
10-52300-24-304-000	660	CHARTER COMMUNICATIONS	06/01/2026	249874001	EMS INTERNET/PHONE	250.39	06/30/2026
10-52300-24-304-000	660	CHARTER COMMUNICATIONS	05/01/2026	249874001050126	#2508201010 EMS - PHONE	50.39	05/31/2026
10-52300-24-304-000	660	CHARTER COMMUNICATIONS	05/01/2026	249874001050126	#170672001 EMS - INTERNET	200.00	05/31/2026
10-52300-24-304-000	3567	VERIZON WIRELESS	05/10/2026	6143323732	04/11/2026-05/10/2026 PHONE CHARGES	180.03	06/30/2026
10-52300-24-304-000	5771	AT & T MOBILITY	05/18/2026	287355199229X05262026	(2) EMS MOBILE	89.76	06/30/2026
Total 10-52300-24-304-000 AMBULANCE - TELEPHONE-INTERNET:						770.57	
10-52300-24-314-000	262	AURORA HEALTH CARE	05/27/2026	ID# 3211-MAY	CINV046122 - EMS RESTOCK - RX	143.00	06/30/2026
10-52300-24-314-000	262	AURORA HEALTH CARE	05/27/2026	ID# 3211-MAY	CINV046203 - EMS RESTOCK - RX	59.97	06/30/2026
10-52300-24-314-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#6169 NEW CHINA- J. STAFFIN MEALS - REIMBUR	61.45	05/31/2026
10-52300-24-314-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#6169 AMAZON - FIREPROOF DOC BOX & LAMINA	44.84	05/31/2026
10-52300-24-314-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6169 AMAZON - CLOTHES FRYING RACK, KEYBO	112.14	06/30/2026
10-52300-24-314-000	517	BOUND TREE MEDICAL LLC	05/13/2026	2026 MAY	INV#86204851 MEGA MOVER, RAZORS, SYRINGES	486.82	06/30/2026
10-52300-24-314-000	517	BOUND TREE MEDICAL LLC	05/13/2026	2026 MAY	INV#86204852 SANI-CLOTH X-LG WIPE	121.20	06/30/2026
10-52300-24-314-000	517	BOUND TREE MEDICAL LLC	04/02/2026	APRIL 2026	INV#86156227 CPR MONITOR, CHEST PLATE, CPA	152.34	05/31/2026
10-52300-24-314-000	517	BOUND TREE MEDICAL LLC	04/02/2026	APRIL 2026	INV# 86166242 BD INSYTE AUTOGUARD WINGED	490.00	05/31/2026
10-52300-24-314-000	517	BOUND TREE MEDICAL LLC	04/02/2026	APRIL 2026	INV#86169517 LUBE, MASK, BANDAGES, GLUCOS	637.30	05/31/2026
10-52300-24-314-000	2041	LINDE GAS & EQUIPMENT INC	04/22/2026	56255354	OXYGEN CYLINDER RENTAL 4/15/2026	246.74	06/30/2026
10-52300-24-314-000	2041	LINDE GAS & EQUIPMENT INC	04/16/2026	ACCT#25297420 APR/MA	#56094725 OXYGEN	577.72	06/30/2026
10-52300-24-314-000	2041	LINDE GAS & EQUIPMENT INC	04/16/2026	ACCT#25297420 APR/MA	#56842857 CYLINDER RENTAL	238.34	06/30/2026
10-52300-24-314-000	3567	VERIZON WIRELESS	04/10/2026	6140807306	03/11 - 4/10/2026 CELLPHONES/BROADBAND	183.16	05/31/2026
10-52300-24-314-000	3963	S & W HEALTHCARE CORPORATION	04/29/2026	SW0082072	NITRILE EXAM GLOVES, SM, MED, LRG	418.50	05/31/2026
10-52300-24-314-000	3963	S & W HEALTHCARE CORPORATION	04/29/2026	SW0082072	FREIGHT	101.37	05/31/2026
10-52300-24-314-000	4906	MAYVILLE ACE HARDWARE	05/31/2026	MAY 2026	#16365,16458,16462: MANURE, SALT, BATTERIES	62.92	06/30/2026
10-52300-24-314-000	4929	TELEFLEX LLC	05/01/2026	9511514949	EZ STABLIIZER BOX OF 5	50.00	05/31/2026

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Total 10-52300-24-314-000 AMBULANCE - SUPPLIES:						4,187.81	
10-52300-24-319-000	427	BERNHARD PLUMBING INC	05/18/2026	31726	EMS/PARKS BUILDING RESTROOM RPR	325.00	06/30/2026
10-52300-24-319-000	2850	REGISTRATION FEE TRUST	06/08/2026	TITLE/PLATES	TITLE & PLATES - CHEVY TAHOE	232.50	06/30/2026
10-52300-24-319-000	5642	EMS MANAGEMENT & CONSULTANTS	05/18/2026	EMS-025437	4/1/2026-4/30/2026 PAYMENT	6,165.08	05/31/2026
10-52300-24-319-000	5642	EMS MANAGEMENT & CONSULTANTS	05/31/2026	EMS-026343	BILLING PERIOD 5/1/2026-5/31/2026	5,903.07	06/30/2026
10-52300-24-319-000	5671	CITY OF BEAVER DAM ET AL	04/06/2026	260604-36049	T. HANNI ENC# 25-E5447209 12/26/25	400.00	05/31/2026
10-52300-24-319-000	5671	CITY OF BEAVER DAM ET AL	04/06/2026	260604-36049	C. BANUELOS ENC# 26-E15985 1/30/26	400.00	05/31/2026
10-52300-24-319-000	5671	CITY OF BEAVER DAM ET AL	04/06/2026	260604-36049	W. LEWIS ENC# 26-E638150 2/9/2026	400.00	05/31/2026
10-52300-24-319-000	5671	CITY OF BEAVER DAM ET AL	04/06/2026	260604-36049	C. GIESE ENC# 26-E1187504 3/13/26	400.00	05/31/2026
10-52300-24-319-000	5671	CITY OF BEAVER DAM ET AL	04/06/2026	260604-36049	K. COLLINS ENC# 26-E1187532 3/14/26	400.00	05/31/2026
10-52300-24-319-000	5731	WISHIN	04/20/2026	002560	WISHIN PULSE SUBSCRIPTION 4/2026-3/2027	1,560.00	05/31/2026
Total 10-52300-24-319-000 AMBULANCE - CONTRACTED SERVI:						16,185.65	
10-52300-24-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	6769915759	EMS - ELECTRIC	241.62	05/31/2026
10-52300-24-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	6769915759	EMS- GAS	80.70	05/31/2026
10-52300-24-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	6769915759 - APRIL 22 20	EMS - ELECTRIC	327.26	05/31/2026
10-52300-24-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	6769915759 - APRIL 22 20	EMS- GAS	152.43	05/31/2026
Total 10-52300-24-323-000 AMBULANCE - ELECTRIC/ GAS:						802.01	
10-52300-24-325-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#6169 APHE WI INTUIT QUICK BOOKS	39.00	05/31/2026
10-52300-24-325-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6169 APHE WI INTUIT QUICK BOOKS	798.00	06/30/2026
10-52300-24-325-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6169 PLATINUM EDUCATION GROUP	959.00	06/30/2026
10-52300-24-325-000	517	BOUND TREE MEDICAL LLC	04/02/2026	APRIL 2026	INV#86156227 CPR MONITOR, CHEST PLATE, CPA	62.58	05/31/2026
Total 10-52300-24-325-000 AMBULANCE-TRNG CNTR CPR SUP:						1,858.58	
10-52300-24-351-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6169 AMAZON - SUN VISOR	33.70	06/30/2026
10-52300-24-351-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6169 AMAZON - SUN VISOR RETURN - CREDIT	33.70-	06/30/2026
10-52300-24-351-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6169 GORDIE BOUCHER - VISOR ASSY	119.92	06/30/2026
10-52300-24-351-000	1464	HALSNE SERVICE	04/27/2026	04/27/2026-04/30/2026	INV# 56215 '19 FORD E-450 AMBULANCE - OIL CHA	73.17	05/31/2026
10-52300-24-351-000	1464	HALSNE SERVICE	04/27/2026	04/27/2026-04/30/2026	INV#56321 '19 FORD E-450 REPLACE (4) TIRES	183.85	05/31/2026
10-52300-24-351-000	1464	HALSNE SERVICE	04/21/2026	56224	'24 AMB - LUBE,OIL & FILTER	87.03	05/31/2026
10-52300-24-351-000	1464	HALSNE SERVICE	05/04/2026	56329-56353	#56329 2015 FORD E-450 CHARGING SYSTEM	41.05	05/31/2026
10-52300-24-351-000	1464	HALSNE SERVICE	05/04/2026	56329-56353	#56353 2024 FORD E-450 REPLACE U-JOINT	195.25	05/31/2026
10-52300-24-351-000	1464	HALSNE SERVICE	06/09/2026	56618	'24 FORD E450 AMB LUBE, OIL & FILTER, TRANS F	260.43	06/30/2026
10-52300-24-351-000	1734	JEFFERSON FIRE & SAFETY INC	06/01/2026	IN340575	EMS - LIFELINE TOUCH SCREEN BEZEL	34.53	06/30/2026
10-52300-24-351-000	1734	JEFFERSON FIRE & SAFETY INC	06/01/2026	IN340575	EMS - FREIGHT SHIP VIA UPS	31.33	06/30/2026
10-52300-24-351-000	2703	POMP'S TIRE SERVICE INC	04/30/2026	950557133	(4) TRANSFORCE HT3 TIRES - EMS	488.48	05/31/2026
10-52300-24-351-000	4436	O'REILLY AUTO PARTS	04/01/2026	2171589 -04/28/2026	5059-417050 WASG BRUSH, CAPSULE, BLB GREASE	84.32	05/31/2026
Total 10-52300-24-351-000 AMBULANCE - MAINTENANCE:						1,599.36	
10-52300-24-386-000	1938	KWIK TRIP INC	05/04/2026	ACCT 00272441 -APRIL 2	EMS FUEL	2,063.54	05/31/2026
10-52300-24-386-000	1938	KWIK TRIP INC	06/04/2026	MAY 2026	EMS FUEL	2,843.38	06/30/2026
Total 10-52300-24-386-000 AMBULANCE - SUPPLIES-GAS-OIL:						4,906.92	
10-52400-31-319-000	1934	KUNKEL ENGINEERING GROUP LLC	05/31/2026	APRIL 2026	APRIL 2026 PROPERTY MAINTENANCE	480.00	06/30/2026
10-52400-31-319-000	1934	KUNKEL ENGINEERING GROUP LLC	05/31/2026	APRIL 2026	APRIL 2026 BUILDING INSPECTIONS	9,459.83	06/30/2026
10-52400-31-319-000	1934	KUNKEL ENGINEERING GROUP LLC	04/27/2026	APRIL 27, 2026	MARCH 2026 -BUILDING PERMITS	3,915.27	05/31/2026
Total 10-52400-31-319-000 BLDNG INSP - CONTRCT SERV:						13,855.10	
10-52520-43-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	4681060000 - APRIL 22 20	N MAIN ST-AERATOR	24.14	05/31/2026
10-52520-43-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	4681060000 - APRIL 22 20	S MAIN ST-AERATOR	24.14	05/31/2026
10-52520-43-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	4681060000- MAY 20	N MAIN ST-AERATOR	22.78	05/31/2026
10-52520-43-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	4681060000- MAY 20	S MAIN ST-AERATOR	22.78	05/31/2026

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Total 10-52520-43-323-000 DAMS - ELECTRIC/ GAS:						93.84	
10-52600-25-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	1325330000 - APRIL 22 20	RIVER DR-SIREN	6.94	05/31/2026
10-52600-25-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	1325330000 - MAY 20	RIVER DR-SIREN	6.14	05/31/2026
Total 10-52600-25-323-000 EMRGNCY GOV - ELECTRIC/ GAS:						13.08	
10-53100-30-319-000	1934	KUNKEL ENGINEERING GROUP LLC	02/20/2026	0285009	INV# 0285009 BUILDING INSPECTIONS 1/31/2026	6,622.78	06/30/2026
10-53100-30-319-000	1934	KUNKEL ENGINEERING GROUP LLC	05/31/2026	APRIL 2026	APRIL 2026 ENGINEERING SERVICES	6,552.50	06/30/2026
10-53100-30-319-000	1934	KUNKEL ENGINEERING GROUP LLC	04/30/2026	RIVER-ENG-GROVE	INV# 0286713 MARCH ENGINEERING	4,007.50	05/31/2026
Total 10-53100-30-319-000 DIR OF PUB WRKS - CONTRACT SRV:						17,182.78	
10-53300-33-304-000	660	CHARTER COMMUNICATIONS	06/01/2026	249874001	DPW INTERNET & PHONE	176.36	06/30/2026
10-53300-33-304-000	660	CHARTER COMMUNICATIONS	05/01/2026	249874001050126	#250186601 DPW - PHONE/INTERNET	176.36	05/31/2026
10-53300-33-304-000	5771	AT & T MOBILITY	05/18/2026	287355199229X05262026	920-583-0600 DPW DIRECTOR MOBILE PHONE	30.76	06/30/2026
Total 10-53300-33-304-000 STREETS & ROADS - TELEPHONE-IN:						383.48	
10-53300-33-314-000	821	CULLIGAN WATER CONDITIONING	05/29/2026	197141	BOTTLED WATER	7.00	06/30/2026
10-53300-33-314-000	1118	FASTENAL COMPANY	04/28/2026	4/17/2026-4/23/2026	WIHOR216588 HXNT G8P & XL WELD GLV	181.24	05/31/2026
10-53300-33-314-000	1118	FASTENAL COMPANY	04/28/2026	4/17/2026-4/23/2026	WIHOR216590 JET COOLANT & MISC	174.78	05/31/2026
10-53300-33-314-000	1118	FASTENAL COMPANY	04/28/2026	4/17/2026-4/23/2026	WIHOR216604 USS THRU-HARD	8.34	05/31/2026
10-53300-33-314-000	2274	MENARDS INC - BEAVER DAM	04/02/2026	APRIL 2026	INV# 93092 VACUUM BREAKER, SENSOR, POST H	553.48	05/31/2026
10-53300-33-314-000	2274	MENARDS INC - BEAVER DAM	04/02/2026	APRIL 2026	INV#93280 WRENCH, EXTRACTOR, 50 GAL ELECT	150.61	05/31/2026
10-53300-33-314-000	2550	OLSEN SAFETY EQUIPMENT CORP	05/27/2026	0433648-IN	LENS CLEANING TOWELETTES	19.76	06/30/2026
10-53300-33-314-000	3287	SUPERIOR CHEMICAL CORP	04/24/2026	440121	RPM DEGREASER & 1 OZ PUMP GAL PAIL	323.24	05/31/2026
10-53300-33-314-000	4436	O'REILLY AUTO PARTS	04/01/2026	2171589 -04/28/2026	5059-418536 EXTENSION, COPPER LUGS	18.48	05/31/2026
10-53300-33-314-000	4906	MAYVILLE ACE HARDWARE	05/05/2026	8722 APRIL 2026	DPW SUPPLIES #15665,15674,15975	32.55	05/31/2026
10-53300-33-314-000	4906	MAYVILLE ACE HARDWARE	05/31/2026	MAY 2026	#16471 TAPE	3.79	06/30/2026
10-53300-33-314-000	5876	NAPA AUTO PARTS - MPEC	04/01/2026	CLOSE DATE 04/30/2026	INV# 34898 CONVMOTOR OIL	41.82	05/31/2026
10-53300-33-314-000	5876	NAPA AUTO PARTS - MPEC	04/01/2026	CLOSE DATE 04/30/2026	INV# 342970 HOSE, TAPER PUNCH, BEARING	126.36	05/31/2026
10-53300-33-314-000	5876	NAPA AUTO PARTS - MPEC	06/16/2026	MAY 2026	AIR CHUCK, MAGNETIC TOOL, KROIL	74.49	06/30/2026
Total 10-53300-33-314-000 STREETS & ROADS - SUPPLIES:						1,715.94	
10-53300-33-319-000	370	MCHS OCCUPATIONAL HEALTH	04/29/2026	3764-52889	DRUG SCREEN, IP-DOT - A. LAGE	72.00	05/31/2026
10-53300-33-319-000	370	MCHS OCCUPATIONAL HEALTH	04/29/2026	3764-52889	DRUG SCREEN, IP-DOT - J. SCHELLPFEFFER	72.00	05/31/2026
10-53300-33-319-000	370	MCHS OCCUPATIONAL HEALTH	04/29/2026	3764-52889	BREATH ALCOHOL TEST - J. SCHELLPFEFFER	41.00	05/31/2026
10-53300-33-319-000	370	MCHS OCCUPATIONAL HEALTH	04/29/2026	3764-52889	DRUG SCREEN, IP-DOT - J. WILD	72.00	05/31/2026
10-53300-33-319-000	5903	DATCP	05/27/2026	115-0000040046	W&M CONTRACT INSP 07/1/2025 - 06/30/2026	750.00	06/30/2026
Total 10-53300-33-319-000 STREETS & ROADS - CONTRACTED S:						1,007.00	
10-53300-33-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	1743450000- APRIL 22 20	ALLEN ST-FESTIVAL	24.12	05/31/2026
10-53300-33-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	1743450000- MAY 20	ALLEN ST-FESTIVAL	22.76	05/31/2026
10-53300-33-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	4681060000 - APRIL 22 20	BRIDGE STREET	33.53	05/31/2026
10-53300-33-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	4681060000 - APRIL 22 20	S CLARK ST TRF SI	43.53	05/31/2026
10-53300-33-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	4681060000 - APRIL 22 20	610 HORICON ST-GARAGE ELEC	218.88	05/31/2026
10-53300-33-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	4681060000 - APRIL 22 20	610 HORICON ST-GARAGE-GAS	301.01	05/31/2026
10-53300-33-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	4681060000- MAY 20	BRIDGE STREET	29.18	05/31/2026
10-53300-33-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	4681060000- MAY 20	S CLARK ST TRF SI	37.64	05/31/2026
10-53300-33-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	4681060000- MAY 20	610 HORICON ST-GARAGE ELEC	206.08	05/31/2026
10-53300-33-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	4681060000- MAY 20	610 HORICON ST-GARAGE-GAS	136.67	05/31/2026
Total 10-53300-33-323-000 STREETS & ROADS - ELECT/ GAS:						1,053.40	
10-53300-33-351-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#6185 AMAZON - SAFETY GLASSES	47.00	05/31/2026
10-53300-33-351-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#6185 AMAZON - ROTARY LASER KIT W/TRIPOD	1,084.00	05/31/2026
10-53300-33-351-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#6185 AMAZON - GOLF CART BATTERY METER	8.49	05/31/2026

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10-53300-33-351-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6185 AMAZON - LOCK NUT LUBE	67.05	06/30/2026
10-53300-33-351-000	551	BROOKS TRACTOR INC	05/29/2026	109250	LOADER REPAIRS- BRAKE PEDAL, JOYSTICK	1,618.11	06/30/2026
10-53300-33-351-000	733	COLE OIL & PROPANE CO	04/08/2026	APRIL 2026	INV# 2248653 DEF DIESEL EXHAUST FLUID - DRU	192.05	05/31/2026
10-53300-33-351-000	821	CULLIGAN WATER CONDITIONING	04/30/2026	441188PD-1006311DPW	INV#197003 (5) 5 GAL BOTTLED H2O - DPW	35.00	05/31/2026
10-53300-33-351-000	1118	FASTENAL COMPANY	04/28/2026	4/17/2026-4/23/2026	WIHOR216648 (400) CABLE TIES	39.34	05/31/2026
10-53300-33-351-000	1611	HORICON ACE HARDWARE	04/15/2026	13071/1	IMPACT WRENCH 3100IPM	279.00	05/31/2026
10-53300-33-351-000	1649	HYDROCLEAN EQUIPMENT INC	03/25/2026	35662	FLOAT VALVE, FLOAT BALL, ROD 3", HOSE	191.51	05/31/2026
10-53300-33-351-000	1649	HYDROCLEAN EQUIPMENT INC	03/25/2026	35662	SPEEDEE SHIP	15.00	05/31/2026
10-53300-33-351-000	1861	KNOWLES PRODUCE & TRADING CO	04/29/2026	CT45138-CT45453	CT45138 SCAG SPRINGS	266.40	05/31/2026
10-53300-33-351-000	1861	KNOWLES PRODUCE & TRADING CO	04/29/2026	CT45138-CT45453	CT45138 SCAG BUSHING, BEARING, SEAL, SLEEV	624.78	05/31/2026
10-53300-33-351-000	1961	LAKESIDE INTERNATIONAL TRUCKS	02/20/2026	1089781-REMAIN PYMNT	REPAIR FUEL TANK, BRAKES & HOSES -REMAIN P	2,701.83	05/31/2026
10-53300-33-351-000	2073	LUEDTKE LUMBER INC	04/09/2026	PT34 SKU	3/4" 4X8 FDTN TREATED PLYWOOD	61.70	05/31/2026
10-53300-33-351-000	2789	RADEMANN STONE & LANDSCAPE IN	06/02/2026	297458	DIRT (YARD) SHREDDED/SCREENED	352.56	06/30/2026
10-53300-33-351-000	3024	SCHRAUFNAGEL IMPLEMENT INC	05/01/2026	IL34948	1/0 CABLE E HYD BIN &3/4X1.5" SHR HYD BIN	9.64	05/31/2026
10-53300-33-351-000	3513	UNITED COOPERATIVE	04/21/2026	7322204	LAWN MIX UC SPECIAL 50#	327.50	05/31/2026
10-53300-33-351-000	4436	O'REILLY AUTO PARTS	04/01/2026	2171589 -04/28/2026	5059-417962 EXH PIPE	8.79	05/31/2026
10-53300-33-351-000	4436	O'REILLY AUTO PARTS	04/01/2026	2171589 -04/28/2026	5059-418004 MOTOR OIL & RATCHET	86.97	05/31/2026
10-53300-33-351-000	4436	O'REILLY AUTO PARTS	04/01/2026	2171589 -04/28/2026	5059-418291 BEARING SET	119.20	05/31/2026
10-53300-33-351-000	4436	O'REILLY AUTO PARTS	04/01/2026	2171589 -04/28/2026	5059-418324 RCVR BUSHING	27.99	05/31/2026
10-53300-33-351-000	4436	O'REILLY AUTO PARTS	04/01/2026	2171589 -04/28/2026	5059-419173 FUEL HOSES	9.98	05/31/2026
10-53300-33-351-000	4752	EQUIPMENT RENTALS INC	04/23/2024	277216-2	INV# 277216-2 35HP STUMP GRINDER	1,250.70	05/31/2026
10-53300-33-351-000	4906	MAYVILLE ACE HARDWARE	05/05/2026	8722 APRIL 2026	DPW SUPPLIES #16091,16110,16111	54.10	05/31/2026
10-53300-33-351-000	4906	MAYVILLE ACE HARDWARE	05/31/2026	MAY 2026	#16173,16212,16353,16483,16480: DPW SUPPLIES	92.23	06/30/2026
10-53300-33-351-000	5584	SKIDLOADERPLUS	05/27/2026	106965-1	SANY SW305 WHEEL LOADER RENTAL	3,200.00	06/30/2026
10-53300-33-351-000	5584	SKIDLOADERPLUS	05/27/2026	106965-1	DELIVERY & PICK-UP	434.00	06/30/2026
10-53300-33-351-000	5646	KINGDOM AUTOCARE	04/24/2026	3618	'19 FORD F-350 - TRANS FLUID & FILTER RPR	457.53	05/31/2026
10-53300-33-351-000	5646	KINGDOM AUTOCARE	05/18/2026	3683 & 3673	'19 FORD F-35 SD - TRANS FLUID & MODULE	488.52	06/30/2026
10-53300-33-351-000	5876	NAPA AUTO PARTS - MPEC	04/01/2026	CLOSE DATE 04/30/2026	INV# 341665 RELEASE COUPLER	45.83	05/31/2026
10-53300-33-351-000	5876	NAPA AUTO PARTS - MPEC	04/01/2026	CLOSE DATE 04/30/2026	INV# 343119 HOSE CLAMPS	17.94	05/31/2026
10-53300-33-351-000	5876	NAPA AUTO PARTS - MPEC	04/01/2026	CLOSE DATE 04/30/2026	INV# 343784 BATT CABLE TERMINAL	2.37	05/31/2026
10-53300-33-351-000	5876	NAPA AUTO PARTS - MPEC	06/16/2026	MAY 2026	2GA STRAIGHT POS, TUBING, DEXCOOL, FILTERS	724.64	06/30/2026
Total 10-53300-33-351-000 STREETS & ROADS-MAINT-BLD VEH:						14,941.75	
10-53300-33-366-000	2215	MAYVILLE LIMESTONE INC	05/14/2026	Z56843	SELECT CRUSH & 3/4 AGGREGATE BASE	240.17	06/30/2026
Total 10-53300-33-366-000 STREETS & ROADS - GRAVEL-PAVIN:						240.17	
10-53300-33-386-000	733	COLE OIL & PROPANE CO	06/04/2026	2026 MAY CARDLOCK	CARD# 30001025 FUEL OIL 5/27 &5/29	216.15	06/30/2026
10-53300-33-386-000	733	COLE OIL & PROPANE CO	06/04/2026	2026 MAY CARDLOCK	CARD# 30001030 CONV PREM GAS 5/7	19.85	06/30/2026
10-53300-33-386-000	733	COLE OIL & PROPANE CO	06/04/2026	2026 MAY CARDLOCK	CARD# 300001035 FUEL OIL 5/06 & 5/29	349.36	06/30/2026
10-53300-33-386-000	733	COLE OIL & PROPANE CO	06/04/2026	2026 MAY CARDLOCK	CARD# 30001036 FUEL OIL 5/13	91.04	06/30/2026
10-53300-33-386-000	733	COLE OIL & PROPANE CO	06/04/2026	2026 MAY CARDLOCK	CARD# 30001047 FUEL OIL 5/28	65.89	06/30/2026
10-53300-33-386-000	733	COLE OIL & PROPANE CO	04/08/2026	APRIL 2026	CARD# 30001025 FUEL OIL	187.89	05/31/2026
10-53300-33-386-000	733	COLE OIL & PROPANE CO	04/08/2026	APRIL 2026	CARD# 30001035 FUEL OIL	188.00	05/31/2026
10-53300-33-386-000	733	COLE OIL & PROPANE CO	04/08/2026	APRIL 2026	CARD# 30001036 FUEL OIL	103.77	05/31/2026
10-53300-33-386-000	1938	KWIK TRIP INC	05/04/2026	ACCT 00272441 -APRIL 2	DPW FUEL	1,532.83	05/31/2026
10-53300-33-386-000	1938	KWIK TRIP INC	06/04/2026	MAY 2026	DPW FUEL	2,441.13	06/30/2026
Total 10-53300-33-386-000 STREETS & ROADS - SUPPLIES-GAS:						5,195.91	
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	1743450000- APRIL 22 20	PARK ST-PARKING LOT	23.32	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	1743450000- MAY 20	PARK ST-PARKING LOT	23.55	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	4681060000 - APRIL 22 20	N MOUNTAIN DRIVE T-TRAFFIC LIGHTS	109.04	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	4681060000 - APRIL 22 20	STREET LIGHTS	28.84	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	4681060000 - APRIL 22 20	BRECKENRIDGE ST-TRAFFIC LIGHTS	3.17	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	4681060000 - APRIL 22 20	MOUNTIN DR-STREET LIGHTS	42.52	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	4681060000 - APRIL 22 20	BUCHANAN ST-LIGHTS	24.14	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	4681060000 - APRIL 22 20	268 N MOUNTIN DR-STREET LIGHTS	38.00	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	4681060000 - APRIL 22 20	1439A DAYTON ST-STREET LIGHTS	85.45	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	4681060000 - APRIL 22 20	N MAIN ST-SIGN IND PARK	26.67	05/31/2026

GL Account and Title	Vendor	Vendor Name	Inv Date	Invoice No	Description	Amount	GL Date
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	4681060000 - APRIL 22 20	N MAIN ST-STREET LIGHTS	384.90	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	4681060000 - APRIL 22 20	HILLTOP DR-IND PARK LIGHTS	245.38	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	4681060000 - APRIL 22 20	N MAIN ST-TRAFFIC LIGHTS	15.55	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	4681060000 - APRIL 22 20	CAROLYN BLVD-STREET LIGHTS	80.45	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	4681060000 - APRIL 22 20	BRECKENRIDGE ST-TRAFFIC LIGHTS	.54	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	4681060000 - APRIL 22 20	876B GREEN BAY ST-STREET LIGHTS	62.10	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	4681060000 - APRIL 22 20	S MAIN ST-TRAFFIC LIGHTS	217.86	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	4681060000 - APRIL 22 20	S MAIN ST-TRAFFIC LIGHTS	46.96	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	4681060000 - APRIL 22 20	2 N MAIN ST STREET LIGHTS	3,556.42	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	4681060000- MAY 20	N MOUNTAIN DRIVE T-TRAFFIC LIGHTS	89.00	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	4681060000- MAY 20	STREET LIGHTS	23.45	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	4681060000- MAY 20	BRECKENRIDGE ST-TRAFFIC LIGHTS	2.97	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	4681060000- MAY 20	MOUNTIN DR-STREET LIGHTS	34.69	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	4681060000- MAY 20	BUCHANAN ST-LIGHTS	22.78	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	4681060000- MAY 20	268 N MOUNTIN DR-STREET LIGHTS	33.83	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	4681060000- MAY 20	1439A DAYTON ST-STREET LIGHTS	69.05	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	4681060000- MAY 20	N MAIN ST-SIGN IND PARK	24.90	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	4681060000- MAY 20	N MAIN ST-STREET LIGHTS	314.18	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	4681060000- MAY 20	HILLTOP DR-IND PARK LIGHTS	200.67	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	4681060000- MAY 20	N MAIN ST-TRAFFIC LIGHTS	15.37	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	4681060000- MAY 20	CAROLYN BLVD-STREET LIGHTS	68.87	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	4681060000- MAY 20	BRECKENRIDGE ST-TRAFFIC LIGHTS	.65	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	4681060000- MAY 20	876B GREEN BAY ST-STREET LIGHTS	53.83	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	4681060000- MAY 20	S MAIN ST-TRAFFIC LIGHTS	174.40	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	4681060000- MAY 20	S MAIN ST-TRAFFIC LIGHTS	40.25	05/31/2026
10-53420-34-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	4681060000- MAY 20	2 N MAIN ST STREET LIGHTS	3,592.00	05/31/2026
Total 10-53420-34-323-000 STREET LIGHTNG - ELECTRIC/ GAS:						9,775.75	
10-53420-34-325-000	1559	HIGHWAY LIGHT & LANDSCAPE INC	05/05/2026	4807	REPLACE DAMAGED STREET POLE	4,727.55	05/31/2026
10-53420-34-325-000	4850	TAPCO	05/28/2026	1826675	(4) WISDOT LED 12" GREEN BALL W/SPADES	196.00	06/30/2026
10-53420-34-325-000	4850	TAPCO	05/28/2026	1826675	(4) WISDOT LED 12" AMBER BALL W/SPADES	220.00	06/30/2026
10-53420-34-325-000	4850	TAPCO	05/28/2026	1826675	(4) WISDOT LED 12" RED BALL W/SPADES	180.00	06/30/2026
10-53420-34-325-000	4850	TAPCO	05/28/2026	1826675	(4) WISDOT LED 12" GREEN ARROW	212.00	06/30/2026
10-53420-34-325-000	4850	TAPCO	05/28/2026	1826675	3200-0000 PERFORM F/27/2026	225.08	06/30/2026
Total 10-53420-34-325-000 STREET LIGHTING - SUPPLIES-OPE:						5,760.63	
10-53440-35-319-000	5905	THE EXPEDITERS INC	05/07/2026	4517	TELEWISE 183' LF OF STORM SEWER (MIN CHR)	1,750.00	06/30/2026
Total 10-53440-35-319-000 STORM SEWERS - CONTRACTOR:						1,750.00	
10-53900-42-351-000	2789	RADEMANN STONE & LANDSCAPE IN	04/20/2026	295550	DIRT (YARD) SHREDDED/SCREENED	176.28	05/31/2026
Total 10-53900-42-351-000 SNOW & ICE - SUPPLIES:						176.28	
10-55110-57-304-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#0345 CREXENDO VIP - VOICE SERVICES	241.85	05/31/2026
10-55110-57-304-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#0435 CREXENDO VIP - PHONE SERVICE	241.85	06/30/2026
10-55110-57-304-000	3498	US CELLULAR CORPORATION	05/10/2026	0808291990/0808542695	INV#0808291990 MONTHLY CHRGS 5/9-6/8/26	10.82	06/30/2026
10-55110-57-304-000	3498	US CELLULAR CORPORATION	05/10/2026	0808291990/0808542695	INV#0808542695 (2) MONTHLY CHRGS	49.64	06/30/2026
10-55110-57-304-000	5771	AT & T MOBILITY	05/18/2026	287355199229X05262026	920-631-6836 BRADFORD NEY MOBILE PHONE	41.84	06/30/2026
Total 10-55110-57-304-000 PUBLIC LIBRARY - TELEPHONE-INT:						586.00	
10-55110-57-314-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#0435 AMAZON - 6-PACK ELECTRONIC TIMERS, P	35.97	05/31/2026
10-55110-57-314-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#0435 AMAZON - TACK PUTTY, 5X7 WALL MOUNTS	59.83	05/31/2026
10-55110-57-314-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#0435 AMAZON - SCOTCH BOOK REPAIR	21.60	06/30/2026
10-55110-57-314-000	2775	QUILL CORPORATION	04/13/2026	48528878	(3) PKS RED PENS	4.29	05/31/2026
10-55110-57-314-000	2775	QUILL CORPORATION	04/13/2026	48528878	CASE PAPER 8.5 X 11	43.99	05/31/2026
10-55110-57-314-000	2775	QUILL CORPORATION	04/24/2026	48686946	#65 CARDSTOCK	26.22	05/31/2026
10-55110-57-314-000	2775	QUILL CORPORATION	05/22/2026	49023009	(2) CASE PAPER 8.5 X 11	87.98	06/30/2026

Report dates: 5/1/2026-6/30/2026

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GL Account and Title	Vendor	Vendor Name	Inv Date	Invoice No	Description	Amount	GL Date
10-55110-57-314-000	2775	QUILL CORPORATION	06/03/2026	49136266	3X3 POP WTRCLR 12 PK, FILE FOLDER	20.36	06/30/2026
Total 10-55110-57-314-000 PUBLIC LIBRARY - SUPPLIES:						300.24	
10-55110-57-319-000	115	AHERN-GROSS INC	04/17/2026	10488	RPR WATER LINES - LEAKING	207.00	05/31/2026
10-55110-57-319-000	2768	QUALITY CONTROL SERVICES INC	04/29/2026	3472	SEMI ANNUAL PYMNT -MAINT 10/1/25-9/30/26	1,090.00	05/31/2026
10-55110-57-319-000	4600	PACKERLAND RENT-A-MAT INC	04/21/2026	3306938	CHARCOAL CLEATED MATS, SUPER SCRAPER MA	73.06	05/31/2026
10-55110-57-319-000	4600	PACKERLAND RENT-A-MAT INC	05/19/2026	3314879	(3) RENT-A-MAT, CPP - MATS/MOPS	75.06	06/30/2026
10-55110-57-319-000	5180	GFL ENVIRONMENTAL	04/19/2026	U90000319069	RECYCLING 05/01/2026-05/31/2026	66.92	05/31/2026
10-55110-57-319-000	5180	GFL ENVIRONMENTAL	05/19/2026	U90000323724	LIBRARY -RECYCLING SERVICE 6/1 -6/30/2026	66.80	06/30/2026
10-55110-57-319-000	5376	RHYME BUSINESS PRODUCTS LLC	05/08/2026	AR936860	CONTRACT# CN4090-01 05/10/26-06/09/26	56.85	05/31/2026
10-55110-57-319-000	5376	RHYME BUSINESS PRODUCTS LLC	06/10/2026	AR945024	COPY MACHINE CONTRACT 6/10/26-7/9/2026	56.85	06/30/2026
10-55110-57-319-000	5376	RHYME BUSINESS PRODUCTS LLC	06/10/2026	AR945024	OVERAGE CHARGE 3/10/26-6/9/2026	186.05	06/30/2026
10-55110-57-319-000	5666	OMNI TECHNOLOGIES LLC	03/13/2026	126-0950	26-0242 EX VS - SUSP MAYVILLE LIBRARY	820.00	05/31/2026
Total 10-55110-57-319-000 PUBLIC LIBRARY - CONTRACTED SE:						2,698.59	
10-55110-57-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	6769915759	LIBRARY - ELECTRIC	1,536.81	05/31/2026
10-55110-57-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	6769915759	LIBRARY - GAS	589.25	05/31/2026
10-55110-57-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	6769915759 - APRIL 22 20	LIBRARY - ELECTRIC	1,591.20	05/31/2026
10-55110-57-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	6769915759 - APRIL 22 20	LIBRARY - GAS	730.08	05/31/2026
Total 10-55110-57-323-000 PUBLIC LIBRARY - ELECTRIC/ GAS:						4,447.34	
10-55110-57-351-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#0435 SALAMONE SUPPLIES - BLUE CLEANER/FR	27.68	06/30/2026
10-55110-57-351-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#0435 AMAZON - CEILING TILE CUTTER, FISKARS	18.87	06/30/2026
10-55110-57-351-000	3119	SKYLINE SALES	05/27/2026	0471	ADA CUSTOM SIGN - STORAGE ROOM	58.30	06/30/2026
10-55110-57-351-000	3119	SKYLINE SALES	05/27/2026	0471	SHIPPING	5.00	06/30/2026
10-55110-57-351-000	4906	MAYVILLE ACE HARDWARE	05/05/2026	8722 APRIL 2026	LIBRARY SUPPLIES #16037	28.47	05/31/2026
10-55110-57-351-000	4906	MAYVILLE ACE HARDWARE	05/31/2026	MAY 2026	#16477 STRIP FURRING & WOOD FURRING	18.96	06/30/2026
Total 10-55110-57-351-000 PUBLIC LIBRARY - MAINT-BUILDIN:						157.28	
10-55110-57-808-000	2328	MIDWEST TAPE LLC	03/31/2026	04/30/2026	INV#508660990 DIGITAL, BINGE PASS, COMICS, E	622.35	05/31/2026
10-55110-57-808-000	2328	MIDWEST TAPE LLC	03/31/2026	04/30/2026	INV#508801065 DIGITAL, BINGE PASS, COMICS, E	731.41	05/31/2026
Total 10-55110-57-808-000 PUBLIC LIBRARY - COLLECTIONS:						1,353.76	
10-55111-57-326-000	4502	MONARCH LIBRARY SYSTEM	04/28/2026	416754	INV#416754 TELPHONY & MESSAGEBEE CHARGE	213.31	05/31/2026
Total 10-55111-57-326-000 LIBRARY-DATA PROCESS - MAINT-E:						213.31	
10-55140-15-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	1743450000- APRIL 22 20	SENIOR CENTER ELE	170.57	05/31/2026
10-55140-15-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	1743450000- APRIL 22 20	SENIOR CENTER GAS	60.29	05/31/2026
10-55140-15-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	1743450000- MAY 20	SENIOR CENTER ELE	125.07	05/31/2026
10-55140-15-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	1743450000- MAY 20	SENIOR CENTER GAS	43.25	05/31/2026
Total 10-55140-15-323-000 SENIOR CENTER - ELECTRIC/ GAS:						399.18	
10-55200-54-304-000	660	CHARTER COMMUNICATIONS	06/01/2026	249874001	PAVILLION INTERNET	200.00	06/30/2026
10-55200-54-304-000	660	CHARTER COMMUNICATIONS	06/01/2026	249874001	SENIOR CENTER INTERNET	150.00	06/30/2026
10-55200-54-304-000	660	CHARTER COMMUNICATIONS	05/01/2026	249874001050126	#250843301 SENIOR CENTER - INTERNET	150.00	05/31/2026
10-55200-54-304-000	660	CHARTER COMMUNICATIONS	05/01/2026	249874001050126	#250184501 PAVILLION - INTERNET	200.00	05/31/2026
Total 10-55200-54-304-000 PARKS - TELEPHONE-INTERNET:						700.00	
10-55200-54-314-000	2274	MENARDS INC - BEAVER DAM	04/02/2026	APRIL 2026	INV# 93092 VACUUM BREAKER, SENSOR, POST H	31.96	05/31/2026
10-55200-54-314-000	2274	MENARDS INC - BEAVER DAM	04/02/2026	APRIL 2026	INV# 93774 FRAME LIGHT , VOLTAGE TESTER	228.96	05/31/2026
10-55200-54-314-000	2274	MENARDS INC - BEAVER DAM	04/02/2026	APRIL 2026	INV# 93786 2X4 FLAT, TEXTURED SQ 2X4	217.98	05/31/2026
10-55200-54-314-000	4906	MAYVILLE ACE HARDWARE	05/05/2026	8722 APRIL 2026	PARKS SUPPLIES #15593,15722,15858,15878,15881	212.34	05/31/2026
10-55200-54-314-000	4906	MAYVILLE ACE HARDWARE	05/31/2026	MAY 2026	#16195,16473,16628: SIGN, GARDEN SPRAYER, SU	97.12	06/30/2026

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GL Account and Title	Vendor	Vendor Name	Inv Date	Invoice No	Description	Amount	GL Date
10-55200-54-314-000	5876	NAPA AUTO PARTS - MPEC	04/01/2026	CLOSE DATE 04/30/2026	INV# 342968 WHEEL BOLT, HUB NUT	42.90	05/31/2026
10-55200-54-314-000	5876	NAPA AUTO PARTS - MPEC	04/01/2026	CLOSE DATE 04/30/2026	INV# 342974 HOSE CLAMP	11.50	05/31/2026
10-55200-54-314-000	5876	NAPA AUTO PARTS - MPEC	04/01/2026	CLOSE DATE 04/30/2026	INV# 343009 WHEEL SEAL - REAR WHEEL	28.85	05/31/2026
10-55200-54-314-000	5876	NAPA AUTO PARTS - MPEC	04/01/2026	CLOSE DATE 04/30/2026	INV# 343010 NAPA OIL SEAL	17.31	05/31/2026
Total 10-55200-54-314-000 PARKS - SUPPLIES:						888.92	
10-55200-54-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	1743450000- APRIL 22 20	ZIEGLER PARK	102.09	05/31/2026
10-55200-54-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	1743450000- APRIL 22 20	THEILER PARK CONC	245.79	05/31/2026
10-55200-54-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	1743450000- APRIL 22 20	RIBBEN'S PARK	181.46	05/31/2026
10-55200-54-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	1743450000- APRIL 22 20	MALHOUSE GROUNDS	40.92	05/31/2026
10-55200-54-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	1743450000- APRIL 22 20	PARK ST-SHELTER BLDG	30.43	05/31/2026
10-55200-54-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	1743450000- APRIL 22 20	PARK ST-ATHLETIC FIELD	106.18	05/31/2026
10-55200-54-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	1743450000- APRIL 22 20	PAVILLION- ELECTRIC	280.28	05/31/2026
10-55200-54-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	1743450000- APRIL 22 20	PAVILLION-ATHLETIC FIELD	28.74	05/31/2026
10-55200-54-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	1743450000- APRIL 22 20	PAVILLION - GAS	153.14	05/31/2026
10-55200-54-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	1743450000- MAY 20	ZIEGLER PARK	50.13	05/31/2026
10-55200-54-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	1743450000- MAY 20	THEILER PARK CONC	245.90	05/31/2026
10-55200-54-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	1743450000- MAY 20	RIBBEN'S PARK	136.20	05/31/2026
10-55200-54-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	1743450000- MAY 20	MALHOUSE GROUNDS	34.12	05/31/2026
10-55200-54-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	1743450000- MAY 20	PARK ST-SHELTER BLDG	24.64	05/31/2026
10-55200-54-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	1743450000- MAY 20	PARK ST-ATHLETIC FIELD	90.82	05/31/2026
10-55200-54-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	1743450000- MAY 20	PAVILLION- ELECTRIC	243.46	05/31/2026
10-55200-54-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	1743450000- MAY 20	PAVILLION-ATHLETIC FIELD	26.44	05/31/2026
10-55200-54-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	1743450000- MAY 20	PAVILLION - GAS	61.66	05/31/2026
10-55200-54-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	4681060000 - APRIL 22 20	PARK ST-RESTROOMS	45.55	05/31/2026
10-55200-54-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	4681060000- MAY 20	PARK ST-RESTROOMS	42.72	05/31/2026
Total 10-55200-54-323-000 PARKS - ELECTRIC/ GAS:						2,170.67	
10-55200-54-351-000	427	BERNHARD PLUMBING INC	05/18/2026	31726	EMS/PARKS BUILDING RESTROOM RPR	325.00	06/30/2026
10-55200-54-351-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#6185 AMAZON DOG POOP DISPENSER/BAGS, VA	213.13	05/31/2026
10-55200-54-351-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#6185 AMAZON - TP, HD BROOM, HAND SOAP	122.19	05/31/2026
10-55200-54-351-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#6185 PAPER TOWEL 800' 6/CASE	28.49	05/31/2026
10-55200-54-351-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#6185 AMAZON (2) ATHLETIC FIELD MARKING PAI	149.90	05/31/2026
10-55200-54-351-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#6185 AMAZON - TOILET BOWL CLEANER	52.25	05/31/2026
10-55200-54-351-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#6185 AMAZON - (6) CHROME BATHROOM DELAY	113.94	05/31/2026
10-55200-54-351-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6185 AMAZON - (2) ATV/UTV TIRES	213.98	06/30/2026
10-55200-54-351-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6185 AMAZON - (12) AMERICAN FLAGS	248.29	06/30/2026
10-55200-54-351-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6185 AMAZON - SHAPPY 12 PC BASEBALL PLUGS	93.95	06/30/2026
10-55200-54-351-000	1045	ELLISON ELECTRIC SUPPLY INC	04/24/2026	1243439	(4) 3 LITE F17/25/32 T8, NEMA OUTPUT	143.60	05/31/2026
10-55200-54-351-000	1120	FAULKS BROS CONSTRUCTION INC	04/22/2026	439459	FUEL SURCHARGE	77.98	05/31/2026
10-55200-54-351-000	1120	FAULKS BROS CONSTRUCTION INC	04/22/2026	439459	QUICK PITCH RE INFILED MIX 21.60T	1,502.28	05/31/2026
10-55200-54-351-000	1213	FOX DEN LANDSCAPING & NURSERY	06/15/2026	2026 MAY	INV#10835 5/8 SPRING FERTILIZER-BALL DIAMON	1,212.00	06/30/2026
10-55200-54-351-000	1213	FOX DEN LANDSCAPING & NURSERY	06/15/2026	2026 MAY	INV#12837 (3)LILAC TREES, (13) OAKS, FOLIAGE, V	4,350.00	06/30/2026
10-55200-54-351-000	1464	HALSNE SERVICE	06/04/2026	56595	'13 F350 UNIT#5 REPAIRS - UJOINT, HUB ASSY, CA	959.21	06/30/2026
10-55200-54-351-000	2073	LUEDTKE LUMBER INC	06/04/2026	617540	(3) 1/2"X10' STEEL SIDING STARTER	25.50	06/30/2026
10-55200-54-351-000	2274	MENARDS INC - BEAVER DAM	04/02/2026	APRIL 2026	INV#93280 WRENCH, EXTRACTOR, 50 GAL ELECT	479.99	05/31/2026
10-55200-54-351-000	2274	MENARDS INC - BEAVER DAM	04/02/2026	APRIL 2026	INV# 93651 H2O, FOAM BOARD, FVP 27DC MARINE	672.86	05/31/2026
10-55200-54-351-000	2274	MENARDS INC - BEAVER DAM	04/02/2026	APRIL 2026	INV# 94167 RANGE ELEC WHT, RANGE CORD, HD	644.87	05/31/2026
10-55200-54-351-000	4190	PULS' TREE & LAWN CARE LLC	06/01/2026	71414	(3) MOWING SERVICE 5/29/2026	375.00	06/30/2026
10-55200-54-351-000	4436	O'REILLY AUTO PARTS	04/01/2026	2171589 -04/28/2026	5059-419148 AIR, OIL FILTERS, CONTROL CBL	60.33	05/31/2026
10-55200-54-351-000	4752	EQUIPMENT RENTALS INC	04/23/2024	277216-2	INV# 277469-1 SEWER CAM/LOCATOR RENTAL -D	327.90	05/31/2026
10-55200-54-351-000	4906	MAYVILLE ACE HARDWARE	05/05/2026	8722 APRIL 2026	PARKS SUPPLIES #15854 & 16093	117.37	05/31/2026
10-55200-54-351-000	4906	MAYVILLE ACE HARDWARE	05/31/2026	MAY 2026	#16241,16491,16492,16426: GARDEN SPRAYER, PA	112.98	06/30/2026
10-55200-54-351-000	5646	KINGDOM AUTOCARE	05/18/2026	3683 & 3673	'04 FORD F150 BRAKE BLEED & BRAKE LINES	247.46	06/30/2026
10-55200-54-351-000	5725	CITY OF WATERTOWN	04/08/2026	WDPHD--#26-046	WATER ANALYSIS FOR BACTERIA & NITRATE SAM	70.00	06/30/2026
Total 10-55200-54-351-000 PARKS - MAINTENANCE:						12,940.45	
10-55200-54-357-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6185 AMAZON (20) 250 YR USA OUTSIDE DBL SID	357.00	06/30/2026

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10-55200-54-357-000	1213	FOX DEN LANDSCAPING & NURSERY	05/07/2026	12676	20.5 COCO MULCH 4/8/2026 -4/20/2026	779.00	05/31/2026
10-55200-54-357-000	1213	FOX DEN LANDSCAPING & NURSERY	05/07/2026	12676	(2) SHREDDED TOP SOIL	80.00	05/31/2026
10-55200-54-357-000	1213	FOX DEN LANDSCAPING & NURSERY	06/15/2026	2026 MAY	INV#12836 5/19 MAIN ST FLOWERS	2,098.00	06/30/2026
10-55200-54-357-000	4906	MAYVILLE ACE HARDWARE	05/31/2026	MAY 2026	#16473 ELMT GRD EXT LL	198.36	06/30/2026
10-55200-54-357-000	5233	A DEAN ENTERPRISES LLC	06/02/2026	I19082	SEASONAL PORT-A-POT RENTAL	135.00	06/30/2026
10-55200-54-357-000	5233	A DEAN ENTERPRISES LLC	06/02/2026	I19082	(2) HAND SANITZERS	15.00	06/30/2026
10-55200-54-357-000	5233	A DEAN ENTERPRISES LLC	06/02/2026	I19082	FUEL SURCHARGE	5.00	06/30/2026
10-55200-54-357-000	5233	A DEAN ENTERPRISES LLC	06/02/2026	I19082	DISPOSAL FEE	2.50	06/30/2026
10-55200-54-357-000	5233	A DEAN ENTERPRISES LLC	06/02/2026	I19082	DELIVERY FEE - ROUTE	35.00	06/30/2026
Total 10-55200-54-357-000 PARKS - MAIN STREET:						3,704.86	
10-55200-54-386-000	1938	KWIK TRIP INC	05/04/2026	ACCT 00272441 -APRIL 2	PARKS FUEL	1,163.55	05/31/2026
10-55200-54-386-000	1938	KWIK TRIP INC	06/04/2026	MAY 2026	PARKS FUEL	1,303.23	06/30/2026
Total 10-55200-54-386-000 PARKS - GAS/OIL:						2,466.78	
10-55310-53-314-000	133	ALL PROMOTIONS LLC	06/01/2026	I4890 & I4891	(10) INK CHARGES - CHNGE YR ON YTH FOOTBAL	30.00	06/30/2026
10-55310-53-314-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#4525 AMAZON N- (3) CHAIR COVERS	29.37	06/30/2026
10-55310-53-314-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#4525 AMAZON - LOLIPOPS, AIRHEADS, GATORAD	154.05	06/30/2026
10-55310-53-314-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#4525 AMAZON - FRITO LAY, (3) PKS GATORADE	37.39	06/30/2026
10-55310-53-314-000	1224	FRANK LIQUOR COMPANY INC	05/14/2026	6077968	LEAGUE CONCESSIONS - (6) COORS LIGHT - (2) C	243.66	06/30/2026
10-55310-53-314-000	2670	PIGGLY WIGGLY	05/31/2026	MAY 2026	REF#00790 - TAG - SODA, MUSTARD, DISH SOAP,	96.52	06/30/2026
10-55310-53-314-000	4554	WISCONSIN DISTRIBUTORS	05/14/2026	7550843	(73) CASES BEER & SELTZER 4 LEAGUE CONCES	1,815.24	06/30/2026
10-55310-53-314-000	4554	WISCONSIN DISTRIBUTORS	06/04/2026	7582776	(10) MIC ULTRA CAN 30 12OZ	249.80	06/30/2026
10-55310-53-314-000	4554	WISCONSIN DISTRIBUTORS	06/11/2026	7584820	(10) HD LEMONADE, (15) BUSCH LITE, (15) MIC UL	985.80	06/30/2026
Total 10-55310-53-314-000 RECREATION - SUPPLIES:						3,641.83	
10-55310-53-319-000	1294	GENESIS COMPUTER SYSTEMS LLC	05/28/2026	5013	CONSULTING HOURS 3.17; 3.27; 5.13/2026 (4.5 HR	675.00	06/30/2026
Total 10-55310-53-319-000 RECREATION - CONTRACTED SERVIC:						675.00	
21-51410-72-705-000	5807	PERSHA, ADAM M	06/01/2026	FACADE	CDA - FACADE INITIATIVE @ 42 S. MAIN ST	5,000.00	06/30/2026
Total 21-51410-72-705-000 CDA - FACADE INITIATIVES:						5,000.00	
22-51300-22-315-000	272	AXLEY LLP	05/14/2026	1063892	LANDFILL FUND	590.00	06/30/2026
Total 22-51300-22-315-000 LANDFILL - LEGAL SERVICES:						590.00	
24-52300-24-807-000	3273	STRYKER SALES LLC	04/14/2026	9212046833	PROCARE SERVICE CONTRACT	9,947.16	05/31/2026
Total 24-52300-24-807-000 AMBULANCE-EQUIPMENT-FAP STATE:						9,947.16	
25-53630-38-319-000	5180	GFL ENVIRONMENTAL	05/19/2026	U0000321915	CITY GARBAGE/RECYCLING - 05/01/26-05/31/26	28,191.50	06/30/2026
Total 25-53630-38-319-000 SOLID WASTE/RECYCLE CONTRACTED:						28,191.50	
26-48500-49-000-000	5913	TED AND GRACE BACHHUBER	06/16/2026	DONATIONS	WISELEY DONATION DEPOSTIED TO CITY ACCT. I	1,000.00	06/30/2026
Total 26-48500-49-000-000 MISC DONATIONS:						1,000.00	
26-55112-49-301-000	3383	GANNETT WISCONSIN MEDIA	05/01/2026	TR1204499 2026-2027	YEARLY NEWSPAPER SUB 6.01.2026-5.31.2027	480.04	05/31/2026
26-55112-49-301-000	5098	MILWAUKEE JOURNAL SENTINEL	05/01/2026	MJ0084328 2026-2027	MILWAUKEE JOURNAL SUB 6.01.2026 -5.31.20277	540.05	05/31/2026
Total 26-55112-49-301-000 DODGE CO LIBRY - SUBSCRIPTIONS:						1,020.09	
26-55112-49-325-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#0435 AMAZON - FLOWER GARDEN, PLST STORA	91.30	05/31/2026
26-55112-49-325-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#0435 AMAZON - 24 PK 8X10 CANVAS	35.14	06/30/2026
26-55112-49-325-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#0435 AMAZON - CIRCLE HOLE PUNCH, SPINE LA	86.38	06/30/2026

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26-55112-49-325-000	2258	JEFFREY B. MCMULLEN	05/29/2026	6/17/2026	COMEDY MAGIC SHOW 6/17/2026	440.00	06/30/2026
26-55112-49-325-000	2572	ORIENTAL TRADING COMPANY INC	06/02/2026	74239251601	PUZZLES, (4) GLITTER, DINO SHAPES	71.94	06/30/2026
26-55112-49-325-000	2572	ORIENTAL TRADING COMPANY INC	06/01/2026	74239251602	VINYL STICKERS	25.98	06/30/2026
26-55112-49-325-000	2572	ORIENTAL TRADING COMPANY INC	05/15/2026	MAY 2026	INV# 74223280601 DINOSAUR SUPPLIES	212.13	06/30/2026
26-55112-49-325-000	2572	ORIENTAL TRADING COMPANY INC	05/15/2026	MAY 2026	INV# 7422328602 RAINBOW SCRATCH ARTS	16.45	06/30/2026
26-55112-49-325-000	2670	PIGGLY WIGGLY	04/10/2026	APRIL 2026	INV#021023271030 LIBRARY -GROCERY	91.68	05/31/2026
26-55112-49-325-000	2670	PIGGLY WIGGLY	05/31/2026	MAY 2026	#00115 - LIBRARY- SNACKS	26.76	06/30/2026
26-55112-49-325-000	5111	COLLABORATIVE SUMMER LIBRARY	03/26/2026	973184	BOOK MARKS, COLORING SHEETS, T-SHIRTS -SU	384.98	06/30/2026
26-55112-49-325-000	5310	DEMCO	04/07/2026	7789442	LABEL PROTECT, ECONOMY BAG, BOOKMARKS,	158.95	05/31/2026
26-55112-49-325-000	5787	FURLONG, GRACE	04/30/2026	MAY 7, 2026	LIBRARY -ADULT PAINTING CLASS	75.00	05/31/2026
26-55112-49-325-000	5910	J & R AQUATIC ANIMAL RESCUE CO.	05/29/2026	05/29/2026	PREHISTORIC PET SUMMER READING PROGRAM	339.06	06/30/2026
Total 26-55112-49-325-000 DODGE CO LIBRY - SUPPLIES:						2,055.75	
26-55112-49-804-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#0435 AMAZON - (2) BIKE LOCK SET	28.78	05/31/2026
26-55112-49-804-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#0435 AMAZON - ROLLING STORAGE CART W/10 D	74.62	05/31/2026
26-55112-49-804-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#0435 AMAZON - (2) DYMNO LABELS, WOODEN TA	66.47	05/31/2026
26-55112-49-804-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#0435 AMAZON - DYMO LABEL WRITER 350	117.59	06/30/2026
Total 26-55112-49-804-000 DODGE CO LIBRY - EQUIPMENT:						287.46	
28-53660-41-319-000	5180	GFL ENVIRONMENTAL	05/19/2026	U90000218885	WW TREATMENT PLAN - S. WALNUT RO EXCHAN	148.53	06/30/2026
Total 28-53660-41-319-000 RECYCLING - CONTRACTED SERVI:						148.53	
45-57140-81-323-026	142	ALLIANT ENERGY/WP&L	04/22/2026	1166733963 - APRIL 2026	102 S MAIN GARAGE	16.78	05/31/2026
45-57140-81-323-026	142	ALLIANT ENERGY/WP&L	04/22/2026	1166733963 - APRIL 2026	106/108 S MAIN ST WATER METER	24.12	05/31/2026
45-57140-81-323-026	142	ALLIANT ENERGY/WP&L	04/22/2026	1166733963 - APRIL 2026	106/108 S MAIN ST APTS	16.95	05/31/2026
45-57140-81-323-026	142	ALLIANT ENERGY/WP&L	04/22/2026	1166733963 - APRIL 2026	102 S MAIN ST GAS	294.19	05/31/2026
45-57140-81-323-026	142	ALLIANT ENERGY/WP&L	05/20/2026	1166733963- MAY 20	102 S MAIN GARAGE	15.52	05/31/2026
45-57140-81-323-026	142	ALLIANT ENERGY/WP&L	05/20/2026	1166733963- MAY 20	106/108 S MAIN ST WATER METER	22.76	05/31/2026
45-57140-81-323-026	142	ALLIANT ENERGY/WP&L	05/20/2026	1166733963- MAY 20	106/108 S MAIN ST APTS	15.52	05/31/2026
45-57140-81-323-026	142	ALLIANT ENERGY/WP&L	05/20/2026	1166733963- MAY 20	102 S MAIN ST GAS	97.08	05/31/2026
Total 45-57140-81-323-026 CAPITAL - MAIN ST ELCT/ GAS:						502.92	
45-57140-81-351-026	2274	MENARDS INC - BEAVER DAM	04/02/2026	APRIL 2026	INV#93280 WRENCH, EXTRACTOR, 50 GAL ELECT	479.99	05/31/2026
Total 45-57140-81-351-026 CAPITAL - MAIN ST BLDG MAINT:						479.99	
45-57210-81-370-326	5250	BELCO VEHICLE SOLUTIONS LLC	05/27/2026	11662 & 11663	2026 CHEVY TAHOE - ASSECORIES & GRAPHICS	8,738.42	06/30/2026
45-57210-81-370-326	5250	BELCO VEHICLE SOLUTIONS LLC	05/27/2026	11662 & 11663	2026 CHEVY TAHOE - CHANGEOVER OF NEW/EXI	3,500.00	06/30/2026
Total 45-57210-81-370-326 CAPITAL - POLICE VEHICLE:						12,238.42	
45-57300-81-370-026	1934	KUNKEL ENGINEERING GROUP LLC	04/30/2026	0286652	INV# 0286652 CRS - DPW	2,345.00	05/31/2026
45-57300-81-370-026	1934	KUNKEL ENGINEERING GROUP LLC	04/30/2026	0286652	INV# 0286652 INSPECTION - DPW	880.00	05/31/2026
45-57300-81-370-026	1934	KUNKEL ENGINEERING GROUP LLC	03/31/2026	MARCH 31, 2026	INV# 0285909 MUZZY/ALLEN CRS -DPW	2,420.00	05/31/2026
45-57300-81-370-026	5042	MULTI MEDIA CHANNELS LLC	05/05/2026	109809 APRIL	IN321197 MUZZY/ALLEN NOTICE - SAFE H2O	82.56	05/31/2026
45-57300-81-370-026	5042	MULTI MEDIA CHANNELS LLC	05/05/2026	109809 APRIL	IN321197 MUZZY/ALLEN NOTICE - CLEAN H2O	82.56	05/31/2026
Total 45-57300-81-370-026 2026 MUZZY ST:						5,810.12	
45-57300-81-370-126	1934	KUNKEL ENGINEERING GROUP LLC	05/31/2026	APRIL 2026	GROVE ST & UTILITIES - CRS - DPW	350.00	06/30/2026
45-57300-81-370-126	1934	KUNKEL ENGINEERING GROUP LLC	03/31/2026	MARCH 31, 2026	INV#0285905 GROVE/UTILITY CRS - DPW	1,153.90	05/31/2026
45-57300-81-370-126	1934	KUNKEL ENGINEERING GROUP LLC	04/30/2026	RIVER-ENG-GROVE	INV# 0286655 CRS - DPW	1,052.50	05/31/2026
45-57300-81-370-126	5916	KOPPLIN & KINAS CO, INC	04/29/2026	2026 ST & UTILITY RECO	GROVE ST ENG - DPW	7,721.13	06/30/2026
Total 45-57300-81-370-126 2026 GROVE ST/ UTILITY PROJECT:						10,277.53	
46-47324-82-000-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#6169 GORDIE BOUCHER - RPR '12 FORD E460 AM	633.05	05/31/2026

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46-47324-82-000-000	3273	STRYKER SALES LLC	04/14/2026	9212046833	PROCARE SERVICE CONTRACT	3,150.00	05/31/2026
Total 46-47324-82-000-000 EMS EQUIP REPLACMNT - INTERGOV:						3,783.05	
50-57300-76-000-125	1934	KUNKEL ENGINEERING GROUP LLC	05/31/2026	APRIL 2026	TID# 7 INSPECTION - WATER	3,417.50	06/30/2026
50-57300-76-000-125	1934	KUNKEL ENGINEERING GROUP LLC	04/30/2026	RIVER-ENG-GROVE	INV# 0286661 CRS - WATER	2,208.75	05/31/2026
50-57300-76-000-125	1934	KUNKEL ENGINEERING GROUP LLC	04/30/2026	RIVER-ENG-GROVE	INV# 0286661 INSPECTION - WATER	8,578.00	05/31/2026
50-57300-76-000-125	5662	KARTECHNER BROTHERS LLC	04/01/2026	TID # 7 - PAY REQ #1	TID #7 -PY REQ #1 - RIVER KNOLL WATER	81,747.35	05/31/2026
50-57300-76-000-125	5662	KARTECHNER BROTHERS LLC	04/01/2026	TID # 7 - PAY REQ #1	TID #7 -PY REQ #1 - RIVER KNOLL SEWER	9,094.01	05/31/2026
Total 50-57300-76-000-125 RIVER KNOLL WATER/SEWER:						105,045.61	
50-57300-76-000-225	5662	KARTECHNER BROTHERS LLC	04/01/2026	TID # 7 - PAY REQ #1	TID #7 -PY REQ #1 - INDUSTRIAL PARK EXCAVATI	46,407.35	05/31/2026
Total 50-57300-76-000-225 INDUSTRIAL PARK EXCAVATION:						46,407.35	
50-57300-76-000-325	1934	KUNKEL ENGINEERING GROUP LLC	05/31/2026	APRIL 2026	TID# 7 CRS - DPW	3,975.00	06/30/2026
50-57300-76-000-325	1934	KUNKEL ENGINEERING GROUP LLC	05/31/2026	APRIL 2026	TID# 7 INSPECTION - DPW	6,300.00	06/30/2026
50-57300-76-000-325	1934	KUNKEL ENGINEERING GROUP LLC	04/30/2026	RIVER-ENG-GROVE	INV# 0286661 CRS - DPW	2,208.75	05/31/2026
Total 50-57300-76-000-325 RIVER KNOLL DR STORM & STREET:						12,483.75	
60-16000-00-000-150	4634	CORE & MAIN	05/08/2026	Y999744	REP CLP 8X25	497.57	06/30/2026
Total 60-16000-00-000-150 MATERIALS & SUPPLIES:						497.57	
60-17005-00-000-183	3460	TOWN & COUNTRY ENGINEERING IN	04/04/2026	29548	WELLS #2, #3, #5 CONSTRUCTION	10,689.62	05/31/2026
60-17005-00-000-183	3460	TOWN & COUNTRY ENGINEERING IN	05/02/2026	29662	WELLS #2, #3, #5 CONSTRUCTION	7,805.16	05/31/2026
60-17005-00-000-183	3460	TOWN & COUNTRY ENGINEERING IN	05/30/2026	29802	WELLS #2, #3, #5 CONSTRUCTION TASK ORDER #	9,538.02	06/30/2026
Total 60-17005-00-000-183 PRELIMINARY SURVEY:						28,032.80	
60-18005-00-100-107	1934	KUNKEL ENGINEERING GROUP LLC	04/30/2026	0286652	INV# 0286652 CWFP FUNDING ADMIN	617.50	05/31/2026
60-18005-00-100-107	1934	KUNKEL ENGINEERING GROUP LLC	04/30/2026	0286652	INV# 0286652 CRS - WATER	3,217.50	05/31/2026
60-18005-00-100-107	1934	KUNKEL ENGINEERING GROUP LLC	05/31/2026	APRIL 2026	MUZZY/ALLEN & UTILITY - CRS - WATER	440.00	06/30/2026
60-18005-00-100-107	1934	KUNKEL ENGINEERING GROUP LLC	05/31/2026	APRIL 2026	MUZZY/ALLEN & UTILITY - CWFP FUND ADMIN	260.00	06/30/2026
60-18005-00-100-107	1934	KUNKEL ENGINEERING GROUP LLC	05/31/2026	APRIL 2026	MUZZY/ALLEN & UTILITY - INSPECTION - WATER	3,520.00	06/30/2026
60-18005-00-100-107	1934	KUNKEL ENGINEERING GROUP LLC	05/31/2026	APRIL 2026	GROVE ST & UTILITIES - CRS - WATER	750.00	06/30/2026
60-18005-00-100-107	1934	KUNKEL ENGINEERING GROUP LLC	05/31/2026	APRIL 2026	GROVE ST & UTILITIES - INSPECTION - WATER	3,780.00	06/30/2026
60-18005-00-100-107	1934	KUNKEL ENGINEERING GROUP LLC	05/31/2026	APRIL 2026	GROVE/UTILITY CWFP FUNDING ADMIN	260.00	06/30/2026
60-18005-00-100-107	1934	KUNKEL ENGINEERING GROUP LLC	03/31/2026	MARCH 31, 2026	INV# 0285905 GROVE/UTILITY CRS - WATER	1,080.00	05/31/2026
60-18005-00-100-107	1934	KUNKEL ENGINEERING GROUP LLC	03/31/2026	MARCH 31, 2026	INV#0285905 GROVE/UTILITY SDWLP FUNDING AD	780.00	05/31/2026
60-18005-00-100-107	1934	KUNKEL ENGINEERING GROUP LLC	03/31/2026	MARCH 31, 2026	INV# 0285909 MUZZY/ALLEN SDWLP FUND ADMIN	780.00	05/31/2026
60-18005-00-100-107	1934	KUNKEL ENGINEERING GROUP LLC	03/31/2026	MARCH 31, 2026	INV# 0285909 MUZZY/ALLEN CRS -WATER	1,540.00	05/31/2026
60-18005-00-100-107	1934	KUNKEL ENGINEERING GROUP LLC	04/30/2026	RIVER-ENG-GROVE	INV# 0286655 CRS - WATER	1,160.00	05/31/2026
60-18005-00-100-107	1934	KUNKEL ENGINEERING GROUP LLC	04/30/2026	RIVER-ENG-GROVE	INV# 0286655 INSPECTION - WATER	432.00	05/31/2026
60-18005-00-100-107	1934	KUNKEL ENGINEERING GROUP LLC	04/30/2026	RIVER-ENG-GROVE	INV# 0286655 CWFP FUNDING ADMIN	657.50	05/31/2026
60-18005-00-100-107	4449	CARDINAL CONSTRUCTION COMPAN	05/29/2026	0021034 - APPLICATION	WELLS 2,3,5 W.I.P APPLICATION 005	483,550.00	06/30/2026
60-18005-00-100-107	5916	KOPPLIN & KINAS CO, INC	04/29/2026	2026 ST & UTILITY RECO	WATER GROVE ST ENGINNERING - PAYMENT 1	222,667.70	06/30/2026
Total 60-18005-00-100-107 CONSTRUCTION WORK IN PROGRESS:						725,492.20	
60-18100-00-100-346	4099	MIDWEST METER INC	05/20/2026	0188816-IN	1212 DAYTON ST METER - M-120 1 1/2"	1,046.15	06/30/2026
60-18100-00-100-346	4099	MIDWEST METER INC	06/02/2026	0189197-IN	METER- INVENTORY M-70 125 S MAIN ST. POSIE A	675.02	06/30/2026
Total 60-18100-00-100-346 TRAN-METERS:						1,721.17	
60-53800-61-325-605	4906	MAYVILLE ACE HARDWARE	05/31/2026	MAY 2026	#16371,16620,16621: NIPPLE, PLANTS, MULCH,	87.38	06/30/2026
Total 60-53800-61-325-605 SOURCE-MAINT-SUPPLIES:						87.38	

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60-53800-62-317-625	821	CULLIGAN WATER CONDITIONING	05/01/2026	197135	CHLORIDE SOFTENER REBATE	1,250.00	05/31/2026
Total 60-53800-62-317-625 PUMP-MAINT PLANT-OTHER PROF:						1,250.00	
60-53800-62-323-622	142	ALLIANT ENERGY/WP&L	04/23/2026	2877310000 APRIL 23 202	WELL #5 & LS ELECTRIC W	1,884.67	05/31/2026
60-53800-62-323-622	142	ALLIANT ENERGY/WP&L	04/23/2026	2877310000 APRIL 23 202	WELL #2 ELECTRIC	1,645.56	05/31/2026
60-53800-62-323-622	142	ALLIANT ENERGY/WP&L	04/23/2026	2877310000 APRIL 23 202	ELEVATED TANK-TOWER DRIVE ELECTRIC	37.98	05/31/2026
60-53800-62-323-622	142	ALLIANT ENERGY/WP&L	04/23/2026	2877310000 APRIL 23 202	WELL #3 ELECTRIC	380.64	05/31/2026
60-53800-62-323-622	142	ALLIANT ENERGY/WP&L	04/23/2026	2877310000 APRIL 23 202	WELL #5 FUND 61	151.93	05/31/2026
60-53800-62-323-622	142	ALLIANT ENERGY/WP&L	05/28/2026	2877310000- MAY 28 202	WELL #5 & LS ELECTRIC W	1,722.56	05/31/2026
60-53800-62-323-622	142	ALLIANT ENERGY/WP&L	05/28/2026	2877310000- MAY 28 202	WELL #2 ELECTRIC	1,578.13	05/31/2026
60-53800-62-323-622	142	ALLIANT ENERGY/WP&L	05/28/2026	2877310000- MAY 28 202	ELEVATED TANK-TOWER DRIVE ELECTRIC	34.24	05/31/2026
60-53800-62-323-622	142	ALLIANT ENERGY/WP&L	05/28/2026	2877310000- MAY 28 202	WELL #3 ELECTRIC	375.15	05/31/2026
60-53800-62-323-622	142	ALLIANT ENERGY/WP&L	05/28/2026	2877310000- MAY 28 202	CLARK ST - ELEVATED TANK	35.95	05/31/2026
60-53800-62-323-622	142	ALLIANT ENERGY/WP&L	05/28/2026	2877310000- MAY 28 202	WELL #5 FUND 61	103.70	05/31/2026
60-53800-62-323-622	142	ALLIANT ENERGY/WP&L	05/14/2026	7029710000 - MAY 14 202	WELL #4 ELECTRIC	1,793.52	05/31/2026
60-53800-62-323-622	142	ALLIANT ENERGY/WP&L	04/13/2026	7029710000 APRIL 13 202	WELL #4 ELECTRIC	1,559.48	05/31/2026
Total 60-53800-62-323-622 PUMP-UTILITIES ELECTRIC:						11,303.51	
60-53800-62-324-622	142	ALLIANT ENERGY/WP&L	04/23/2026	2877310000 APRIL 23 202	WELL #5 & LS GAS W	113.45	05/31/2026
60-53800-62-324-622	142	ALLIANT ENERGY/WP&L	04/23/2026	2877310000 APRIL 23 202	WELL #2 GAS	213.38	05/31/2026
60-53800-62-324-622	142	ALLIANT ENERGY/WP&L	04/23/2026	2877310000 APRIL 23 202	WELL #3 GAS	77.30	05/31/2026
60-53800-62-324-622	142	ALLIANT ENERGY/WP&L	05/28/2026	2877310000- MAY 28 202	WELL #5 & LS GAS W	90.64	05/31/2026
60-53800-62-324-622	142	ALLIANT ENERGY/WP&L	05/28/2026	2877310000- MAY 28 202	WELL #2 GAS	148.81	05/31/2026
60-53800-62-324-622	142	ALLIANT ENERGY/WP&L	05/28/2026	2877310000- MAY 28 202	WELL #3 GAS	14.84	05/31/2026
60-53800-62-324-622	142	ALLIANT ENERGY/WP&L	05/14/2026	7029710000 - MAY 14 202	WELL #4 GAS	198.61	05/31/2026
60-53800-62-324-622	142	ALLIANT ENERGY/WP&L	04/13/2026	7029710000 APRIL 13 202	WELL #4 GAS	322.20	05/31/2026
Total 60-53800-62-324-622 PUMP-UTILITIES NATURAL GAS:						1,179.23	
60-53800-63-317-635	2513	NORTHERN LAKE SERVICE INC	06/08/2026	2609350	LEAD AND COOPER TESTING 2026 WDNR DRINKI	874.00	06/30/2026
Total 60-53800-63-317-635 TREAT-MAINT PLANT-PROFESSIONAL:						874.00	
60-53800-63-325-632	5738	SPEE DEE DELIVERY SERVICE INC	05/05/2026	1465898	BACTI SAMPLES SHIPMENT	19.87	05/31/2026
60-53800-63-325-632	5738	SPEE DEE DELIVERY SERVICE INC	05/12/2026	1469428	BACTI SAMPLES SHIPMENT	19.87	05/31/2026
60-53800-63-325-632	5738	SPEE DEE DELIVERY SERVICE INC	06/02/2026	1483917	BACTI SAMPLES SHIPMENT	19.96	06/30/2026
60-53800-63-325-632	5738	SPEE DEE DELIVERY SERVICE INC	06/10/2026	1487439	BACTI SAMPLES SHIPMENT	19.87	06/30/2026
Total 60-53800-63-325-632 TREAT-OPER-SUPPLIES:						79.57	
60-53800-63-364-631	4089	MARTELLE WATER TREATMENT INC	11/19/2025	30533	SODIUM HYPOCHLORITE BULK	712.46	05/31/2026
60-53800-63-364-631	4089	MARTELLE WATER TREATMENT INC	04/29/2026	31452	SODIUM HYPOCHLORITE BULK	1,043.69	05/31/2026
60-53800-63-364-631	4089	MARTELLE WATER TREATMENT INC	05/19/2026	31579	SODIUM HYPOCHLORITE BULK	869.93	06/30/2026
60-53800-63-364-631	4089	MARTELLE WATER TREATMENT INC	06/04/2026	31652	SODIUM HYPOCHLORITE BULK	749.34	06/30/2026
Total 60-53800-63-364-631 TREAT-CHEM-CHLORINE:						3,375.42	
60-53800-64-319-641	5169	HYDRO CORP	04/30/2026	CI-12677	CC COMMERCIAL	861.00	05/31/2026
60-53800-64-319-641	5169	HYDRO CORP	04/30/2026	CI-12680	CC RESIDENTIAL	755.00	05/31/2026
60-53800-64-319-641	5169	HYDRO CORP	05/29/2026	CI-13483	CC INSPECTIONS COMM	861.00	06/30/2026
60-53800-64-319-641	5169	HYDRO CORP	05/29/2026	CI-13485	CC INSPECTIONS RES	755.00	06/30/2026
Total 60-53800-64-319-641 TRANS-OPER-CONTRACTED SERVICES:						3,232.00	
60-53800-64-325-641	5771	AT & T MOBILITY	04/18/2026	287358366823 - APRIL 18	WELL #4 BACKUP-8162	9.44	05/31/2026
60-53800-64-325-641	5771	AT & T MOBILITY	05/18/2026	287358366823X05262026	WELL #4 BACKUP - 8162	9.44	06/30/2026
Total 60-53800-64-325-641 TRANS-OPERATING-SUPPLIES:						18.88	

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60-53800-64-410-651	1502	HECHIMOVICH MASONRY CONSTR IN	05/30/2026	6187-5	315 S SCHOOL SERVICE- MAIN BREAK REPAIR	2,930.00	06/30/2026
60-53800-64-410-651	3462	TOWN & COUNTRY UNDERGROUND	05/15/2026	0055818-IN	MAY 4TH WATER MAIN BREAK WALNUT ST TWICE	12,939.85	06/30/2026
Total 60-53800-64-410-651 TRANS-MAINT MAINS-REPAIRS:						15,869.85	
60-53800-64-411-652	1502	HECHIMOVICH MASONRY CONSTR IN	05/30/2026	6187-6	CURB BOX REPAIR - GERMAN ST - SIDEWALK	1,005.00	06/30/2026
60-53800-64-411-652	3462	TOWN & COUNTRY UNDERGROUND	04/30/2026	0055756-IN	207 N GERMAN ST WATER BOX REPLACEMENT 4/	2,341.55	05/31/2026
60-53800-64-411-652	3462	TOWN & COUNTRY UNDERGROUND	05/15/2026	0055791-IN	APRIL 8 & 10 S SCHOOL STREET REPAIR	2,622.75	06/30/2026
Total 60-53800-64-411-652 TRANS-MAINT SERVICES-REPAIRS:						5,969.30	
60-53800-64-412-653	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#6136 US POSTAL - WATER METER TESTING MAIL	12.85	05/31/2026
Total 60-53800-64-412-653 TRANS-MAINT METERS-REPAIRS:						12.85	
60-53800-64-413-654	4634	CORE & MAIN	05/27/2026	Z089151	PARK ST - HYDRANT REPAIR 19-15	6,515.59	06/30/2026
60-53800-64-413-654	5113	WISCONSIN HYDRANT REPAIR LLC	05/04/2026	26081	ALLEY HYDRANT REPAIR	405.00	05/31/2026
60-53800-64-413-654	5113	WISCONSIN HYDRANT REPAIR LLC	05/06/2026	26087	GROVE HYDRANT EXTENSION	2,017.00	05/31/2026
Total 60-53800-64-413-654 TRANS-MAINT HYDRANTS-REPAIRS:						8,937.59	
60-53800-66-303-930	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#6136 WRMA - CLASS TRNG & CONVIENCE FEE	66.35	05/31/2026
60-53800-66-303-930	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#6136 MPTC - 2026 SPRING UNDERGRADUATE - G	176.66	05/31/2026
60-53800-66-303-930	3722	WISCONSIN DEPT OF NATURAL RES	04/08/2026	WU119888	2026 WATER USE FEES, OWNER #3690	125.00	06/30/2026
Total 60-53800-66-303-930 ADM/GEN-REGISTRATION FEES:						368.01	
60-53800-66-304-921	660	CHARTER COMMUNICATIONS	06/01/2026	249874001	UTILITIES WATER (WELLHOUSE) INTERNET & PH	449.76	06/30/2026
60-53800-66-304-921	660	CHARTER COMMUNICATIONS	05/01/2026	249874001050126	#245005301 UTILITIES WELLHOUSE -PHONE/INTE	377.16	05/31/2026
60-53800-66-304-921	660	CHARTER COMMUNICATIONS	05/01/2026	249874001050126	#250341901 UTILITIES WELLHOUSE -PHONE/INTE	72.60	05/31/2026
Total 60-53800-66-304-921 ADM/GEN-TELEPHONE:						899.52	
60-53800-66-310-930	5042	MULTI MEDIA CHANNELS LLC	04/12/2026	IN319238-UTILITIES	IN319238 HYDRANT FLUSHING	103.20	05/31/2026
Total 60-53800-66-310-930 ADM/GEN-PUBLICATION NOTICES:						103.20	
60-53800-66-314-921	5042	MULTI MEDIA CHANNELS LLC	05/31/2026	IN327491	500 WATER USE POSTCARDS	47.50	06/30/2026
Total 60-53800-66-314-921 ADM/GEN-OFFICE SUPPLIES:						47.50	
60-53800-66-319-935	4906	MAYVILLE ACE HARDWARE	05/31/2026	MAY 2026	#16209 SQUARE HEAD PLUG	2.83	06/30/2026
Total 60-53800-66-319-935 ADM/GEN-MAINT GEN-CONTRACTED:						2.83	
60-53800-66-321-935	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#6136 AMAZON - WATER FILTER, PAPER TOWEL,	28.81	05/31/2026
60-53800-66-321-935	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6136 AMAZON - 38 QT COMMERCIAL BUCKET W/	39.99	06/30/2026
60-53800-66-321-935	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6136 AMAZON - HD NITRILE GLOVES & KLEENEX	50.58	06/30/2026
60-53800-66-321-935	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6136 AMAZON - DETERGENT, TP, BATTERIES, DY	33.52	06/30/2026
60-53800-66-321-935	3513	UNITED COOPERATIVE	06/11/2026	7322613 CUSTOMER 124	ROUND UP W # 124265	48.75	06/30/2026
60-53800-66-321-935	5180	GFL ENVIRONMENTAL	04/19/2026	U90000317392	UTILITY W	179.20	05/31/2026
60-53800-66-321-935	5180	GFL ENVIRONMENTAL	05/19/2026	U90000322090	UTILITY W	138.25	06/30/2026
Total 60-53800-66-321-935 ADM/GEN-JANITORIAL SUPPLIES:						519.10	
60-53800-66-325-935	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#6136 AMAZON - HEARING PROTECTION MUFFS	54.99	05/31/2026
60-53800-66-325-935	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6136 AMAZON - FLUORESCENT DYE TABLETS W	32.15	06/30/2026
60-53800-66-325-935	4906	MAYVILLE ACE HARDWARE	05/05/2026	8722 APRIL 2026	WATER SUPPLIES #15750,15822	25.43	05/31/2026
60-53800-66-325-935	4906	MAYVILLE ACE HARDWARE	05/05/2026	8722 APRIL 2026	WATER SUPPLIES #15978	19.89	05/31/2026
60-53800-66-325-935	5876	NAPA AUTO PARTS - MPEC	04/01/2026	CLOSE DATE 04/30/2026	INV# 343350 16 PB DS PENETRANT, 12 OZ SPRAY	15.80	05/31/2026

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Total 60-53800-66-325-935 ADM/GEN-MAINT GEN-SUPPLIES:						148.26	
60-53800-66-327-921	296	BADGER METER INC	04/29/2026	80236039	BECON MBL HOSTING SERV UNIT W	121.88	05/31/2026
60-53800-66-327-921	296	BADGER METER INC	05/28/2026	80239379	BECON MBL HOSTING SERV UNIT W	301.82	06/30/2026
60-53800-66-327-921	4965	JAMES IMAGING SYSTEMS INC	05/18/2026	1697202	BLACK/COLOR IMAGES - UTILITIES WATER	6.80	05/31/2026
60-53800-66-327-921	4965	JAMES IMAGING SYSTEMS INC	06/12/2026	1704644	BLACK/COLOR IMAGES - UTILITIES WATER	7.61	06/30/2026
60-53800-66-327-921	5788	CASELLE LLC	06/02/2026	INV-19803	2ND INSTALLMENT - CASELLE 2026	3,441.93	06/30/2026
Total 60-53800-66-327-921 ADM/GEN-OFFICE SUPPLIES-EQUIP:						3,880.04	
60-53800-66-341-428	2773	QUARLES & BRADY LLP	05/13/2026	7100925	2026 WATER SYSTEM REVENUE BONDS - SAFE D	12,300.00	06/30/2026
Total 60-53800-66-341-428 AMORTIZATION DEBT DISC/EXP:						12,300.00	
60-53800-66-386-933	1938	KWIK TRIP INC	05/04/2026	ACCT 00272441 -APRIL 2	WATER FUEL	336.94	05/31/2026
60-53800-66-386-933	1938	KWIK TRIP INC	06/04/2026	MAY 2026	WATER FUEL	294.62	06/30/2026
Total 60-53800-66-386-933 ADM/GEN-SUPPLIES GAS/OIL/ETC:						631.56	
61-17005-00-000-183	2398	MSA PROFESSIONAL SERVICES INC	05/11/2026	028646	2025 CWF ADMINISTRATION - 12/28/25 THRU 5/2/2	2,500.00	06/30/2026
Total 61-17005-00-000-183 PRELIMINARY SURVEY:						2,500.00	
61-18005-00-000-107	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#7943 HOME DEPOT -UTILITIES: MICROWAVE, FRI	3,675.93	05/31/2026
61-18005-00-000-107	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#7943 HOME DEPOT - MICROWAVE RETURN - CRE	264.14	06/30/2026
61-18005-00-000-107	1934	KUNKEL ENGINEERING GROUP LLC	04/30/2026	0286652	INV# 0286652 SDWLP FUNDING ADMIN	617.50	05/31/2026
61-18005-00-000-107	1934	KUNKEL ENGINEERING GROUP LLC	04/30/2026	0286652	INV# 0286652 CRS - SEWER	935.00	05/31/2026
61-18005-00-000-107	1934	KUNKEL ENGINEERING GROUP LLC	05/31/2026	APRIL 2026	MUZZY/ALLEN & UTILITY - SDWLP FUND ADM	260.00	06/30/2026
61-18005-00-000-107	1934	KUNKEL ENGINEERING GROUP LLC	05/31/2026	APRIL 2026	MUZZY/ALLEN & UTILITY - CRS - SEWER	440.00	06/30/2026
61-18005-00-000-107	1934	KUNKEL ENGINEERING GROUP LLC	05/31/2026	APRIL 2026	GROVE ST & UTILITIES - CRS - SEWER	300.00	06/30/2026
61-18005-00-000-107	1934	KUNKEL ENGINEERING GROUP LLC	05/31/2026	APRIL 2026	GROVE ST & UTILITIES - SDWLP FUND ADMIN	284.65	06/30/2026
61-18005-00-000-107	1934	KUNKEL ENGINEERING GROUP LLC	05/31/2026	APRIL 2026	GROVE ST & UTILITIES - INSPECTION - SEWER	11,700.00	06/30/2026
61-18005-00-000-107	1934	KUNKEL ENGINEERING GROUP LLC	03/31/2026	MARCH 31, 2026	INV# 0285905 GROVE/UTILITY CRS - SEWER	680.00	05/31/2026
61-18005-00-000-107	1934	KUNKEL ENGINEERING GROUP LLC	03/31/2026	MARCH 31, 2026	INV# 0285905 GROVE/UTILITY CWF FUNDING AD	780.00	05/31/2026
61-18005-00-000-107	1934	KUNKEL ENGINEERING GROUP LLC	03/31/2026	MARCH 31, 2026	INV# 0285909 MUZZY/ALLEN CRS -SEWER	880.00	05/31/2026
61-18005-00-000-107	1934	KUNKEL ENGINEERING GROUP LLC	03/31/2026	MARCH 31, 2026	INV# 0285909 MUZZY/ALLEN CWF FUND ADMIN	780.00	05/31/2026
61-18005-00-000-107	1934	KUNKEL ENGINEERING GROUP LLC	04/30/2026	RIVER-ENG-GROVE	INV# 0286655 CRS - SEWER	2,025.00	05/31/2026
61-18005-00-000-107	1934	KUNKEL ENGINEERING GROUP LLC	04/30/2026	RIVER-ENG-GROVE	INV# 0286655 SDWLP FUNDING ADMIN	657.50	05/31/2026
61-18005-00-000-107	2398	MSA PROFESSIONAL SERVICES INC	04/24/2026	028346	WWTF UPGRADE CRS 3/22/26-4/18/26	26,028.23	05/31/2026
61-18005-00-000-107	2398	MSA PROFESSIONAL SERVICES INC	05/29/2026	029342	WWTF UPGRADE CRS 4/19/26-5/23/26	45,603.28	06/30/2026
61-18005-00-000-107	5527	CD SMITH CONSTRUCTION	03/31/2026	240224-3-22 WWTF AP 11	TREATMENT PLANT SDWLP- Payment #11	811,565.39	05/31/2026
61-18005-00-000-107	5916	KOPPLIN & KINAS CO, INC	04/29/2026	2026 ST & UTILITY RECO	SEWER GROVE ST ENGINEERING - PAYMENT 1	106,167.30	06/30/2026
Total 61-18005-00-000-107 CONSTRUCTION WORK IN PROGRESS:						1,013,115.	
61-18100-00-000-379	2505	NORTH CENTRAL LABORATORIES	05/21/2026	536027	ELECTRONIC AUTOCLAVE	6,692.83	06/30/2026
Total 61-18100-00-000-379 ADMIN-OTHER GENERAL EQUIP:						6,692.83	
61-53610-65-314-840	5042	MULTI MEDIA CHANNELS LLC	04/12/2026	IN319238-UTILITIES	IN319238 OVERFLOW	61.92	05/31/2026
Total 61-53610-65-314-840 BILL/COLLECT/ACCT-SUPPLIES OFF:						61.92	
61-53610-66-304-851	660	CHARTER COMMUNICATIONS	06/01/2026	249874001	UTILITIES APT WAT DT - WW	362.17	06/30/2026
61-53610-66-304-851	660	CHARTER COMMUNICATIONS	06/01/2026	249874001	UTILITIES WW INTERNET & PHONE	544.14	06/30/2026
61-53610-66-304-851	660	CHARTER COMMUNICATIONS	05/01/2026	249874001050126	#170670801 UTILITIES WW -INTERNET	407.16	05/31/2026
61-53610-66-304-851	660	CHARTER COMMUNICATIONS	05/01/2026	249874001050126	#250341701 UTILITIES WW - PHONE	136.98	05/31/2026
Total 61-53610-66-304-851 OFFICE SUPPLIES/EXP TELEPHONE:						1,450.45	

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61-53610-66-314-851	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#6136 WWOA PRE REGISTRATION - M. KELLEY	36.23	05/31/2026
61-53610-66-314-851	5042	MULTI MEDIA CHANNELS LLC	05/31/2026	IN327491	500 WATER USE POSTCARDS	47.50	06/30/2026
Total 61-53610-66-314-851 OFFICE-SUPPLIES OFFICE:						83.73	
61-53610-66-327-851	296	BADGER METER INC	04/29/2026	80236039	BECON MBL HOSTING SERV UNIT WW	121.88	05/31/2026
61-53610-66-327-851	296	BADGER METER INC	05/28/2026	80239379	BECON MBL HOSTING SERV UNIT WW	301.83	06/30/2026
61-53610-66-327-851	4965	JAMES IMAGING SYSTEMS INC	05/18/2026	1697202	BLACK/COLOR IMAGES - UTILITIES WW	6.80	05/31/2026
61-53610-66-327-851	4965	JAMES IMAGING SYSTEMS INC	06/12/2026	1704644	BLACK/COLOR IMAGES - UTILITIES WW	7.61	06/30/2026
61-53610-66-327-851	5788	CASELLE LLC	06/02/2026	INV-19803	2ND INSTALLMENT - CASELLE 2026	3,323.25	06/30/2026
Total 61-53610-66-327-851 OFFICE - SUPPLIES EQUIPMENT:						3,761.37	
61-53610-66-341-428	2773	QUARLES & BRADY LLP	05/13/2026	7100924	SEWERAGE SYSTEM REVENUE BONDS SERIES 2	12,300.00	06/30/2026
Total 61-53610-66-341-428 AMORTIZATION OF DEBT DISC/EXP:						12,300.00	
61-53610-67-303-827	3795	WISCONSIN DNR - ENVIRONM'L FEE	05/19/2026	26ESR02977	Facility ID: 114005760 - Environmental Fees	4,246.35	06/30/2026
Total 61-53610-67-303-827 OTH OPERATING REGISTRATION FEE:						4,246.35	
61-53610-67-319-827	4212	BADGER STATE WASTE LLC	05/15/2026	0006221-IN	SLUDGE HAULING - APRIL	19,362.55	05/31/2026
61-53610-67-319-827	4212	BADGER STATE WASTE LLC	06/04/2026	0006262-IN	SLUDGE HAULING - MAY	18,660.76	06/30/2026
Total 61-53610-67-319-827 OTH OPER CONTRACTED SLUDGE:						38,023.31	
61-53610-67-323-822	142	ALLIANT ENERGY/WP&L	04/23/2026	2877310000 APRIL 23 202	TREATMENT PLANT	9,254.94	05/31/2026
61-53610-67-323-822	142	ALLIANT ENERGY/WP&L	04/23/2026	2877310000 APRIL 23 202	RIVER DR, LIFT STATION ELECTRIC	340.92	05/31/2026
61-53610-67-323-822	142	ALLIANT ENERGY/WP&L	04/23/2026	2877310000 APRIL 23 202	KEKOSKEE LEROY ELECTRIC	544.77	05/31/2026
61-53610-67-323-822	142	ALLIANT ENERGY/WP&L	04/23/2026	2877310000 APRIL 23 202	WELL #5 & LS ELECTRIC WW	163.88	05/31/2026
61-53610-67-323-822	142	ALLIANT ENERGY/WP&L	04/23/2026	2877310000 APRIL 23 202	TREATMENT PLANT GAS	2,055.90	05/31/2026
61-53610-67-323-822	142	ALLIANT ENERGY/WP&L	04/23/2026	2877310000 APRIL 23 202	PARK ST LIFT ST	73.53	05/31/2026
61-53610-67-323-822	142	ALLIANT ENERGY/WP&L	04/23/2026	2877310000 APRIL 23 202	DAYTON ST LIFT ST	113.46	05/31/2026
61-53610-67-323-822	142	ALLIANT ENERGY/WP&L	04/23/2026	2877310000 APRIL 23 202	WOOL RD LIFT STATION	830.16	05/31/2026
61-53610-67-323-822	142	ALLIANT ENERGY/WP&L	05/28/2026	2877310000- MAY 28 202	TREATMENT PLANT	9,175.67	05/31/2026
61-53610-67-323-822	142	ALLIANT ENERGY/WP&L	05/28/2026	2877310000- MAY 28 202	RIVER DR, LIFT STATION ELECTRIC	260.44	05/31/2026
61-53610-67-323-822	142	ALLIANT ENERGY/WP&L	05/28/2026	2877310000- MAY 28 202	KEKOSKEE LEROY ELECTRIC	371.20	05/31/2026
61-53610-67-323-822	142	ALLIANT ENERGY/WP&L	05/28/2026	2877310000- MAY 28 202	WELL #5 & LS ELECTRIC WW	149.79	05/31/2026
61-53610-67-323-822	142	ALLIANT ENERGY/WP&L	05/28/2026	2877310000- MAY 28 202	TREATMENT PLANT GAS	1,378.15	05/31/2026
61-53610-67-323-822	142	ALLIANT ENERGY/WP&L	05/28/2026	2877310000- MAY 28 202	PARK ST LIFT ST	55.73	05/31/2026
61-53610-67-323-822	142	ALLIANT ENERGY/WP&L	05/28/2026	2877310000- MAY 28 202	DAYTON ST LIFT ST	85.58	05/31/2026
61-53610-67-323-822	142	ALLIANT ENERGY/WP&L	05/28/2026	2877310000- MAY 28 202	WOOL RD LIFT STATION	618.67	05/31/2026
Total 61-53610-67-323-822 POWER/FUEL AERATION ELECTRIC:						25,472.79	
61-53610-67-324-827	142	ALLIANT ENERGY/WP&L	04/23/2026	2877310000 APRIL 23 202	RIVER DR, LIFT STATION GAS	15.63	05/31/2026
61-53610-67-324-827	142	ALLIANT ENERGY/WP&L	04/23/2026	2877310000 APRIL 23 202	KEKOSKEE LEROY GAS	16.35	05/31/2026
61-53610-67-324-827	142	ALLIANT ENERGY/WP&L	04/23/2026	2877310000 APRIL 23 202	DAYTON ST LIFT ST GAS	15.63	05/31/2026
61-53610-67-324-827	142	ALLIANT ENERGY/WP&L	05/28/2026	2877310000- MAY 28 202	RIVER DR, LIFT STATION GAS	18.98	05/31/2026
61-53610-67-324-827	142	ALLIANT ENERGY/WP&L	05/28/2026	2877310000- MAY 28 202	KEKOSKEE LEROY GAS	17.40	05/31/2026
61-53610-67-324-827	142	ALLIANT ENERGY/WP&L	05/28/2026	2877310000- MAY 28 202	DAYTON ST LIFT ST GAS	17.40	05/31/2026
Total 61-53610-67-324-827 OTHER OPER UTILITIES NAT GAS:						101.39	
61-53610-67-325-827	4089	MARTELLE WATER TREATMENT INC	06/04/2026	31648	SODIUM HYPOCHLORITE BULK	810.20	06/30/2026
61-53610-67-325-827	5180	GFL ENVIRONMENTAL	04/19/2026	U90000317392	UTILITY WW(2)	716.80	05/31/2026
61-53610-67-325-827	5180	GFL ENVIRONMENTAL	05/19/2026	U90000322090	UTILITY WW(2)	552.98	06/30/2026
61-53610-67-325-827	5771	AT & T MOBILITY	04/18/2026	287358366823 - APRIL 18	UTILITY DIRECTOR-8140	31.08	05/31/2026
61-53610-67-325-827	5771	AT & T MOBILITY	04/18/2026	287358366823 - APRIL 18	DIAMOND MAP TABLET-8144	28.86	05/31/2026
61-53610-67-325-827	5771	AT & T MOBILITY	04/18/2026	287358366823 - APRIL 18	METER LAPTOP- 8198	31.99	05/31/2026
61-53610-67-325-827	5771	AT & T MOBILITY	04/18/2026	287358366823 - APRIL 18	ON CALL PHONE-6825	31.08	05/31/2026

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61-53610-67-325-827	5771	AT & T MOBILITY	05/18/2026	287358366823X05262026	UTILITY DIRECTOR - 8140	31.08	06/30/2026
61-53610-67-325-827	5771	AT & T MOBILITY	05/18/2026	287358366823X05262026	DIAMOND MAP TABLET-8144	28.86	06/30/2026
61-53610-67-325-827	5771	AT & T MOBILITY	05/18/2026	287358366823X05262026	METER LAPTOP- 8198	31.99	06/30/2026
61-53610-67-325-827	5771	AT & T MOBILITY	05/18/2026	287358366823X05262026	ON CALL PHONE-6825	31.08	06/30/2026
Total 61-53610-67-325-827 OTH OPER - SUPPLIES OPERATING:						2,326.00	
61-53610-67-331-828	4906	MAYVILLE ACE HARDWARE	04/30/2026	APRIL 2026	INV# 16115 VALVE CAPS & HNDL TIRE PLUG KIT	11.38	05/31/2026
61-53610-67-331-828	5876	NAPA AUTO PARTS - MPEC	04/01/2026	CLOSE DATE 04/30/2026	INV# 343597 OIL DRY, HYDRAULIC FILTER	51.74	05/31/2026
Total 61-53610-67-331-828 TRANSPORT SUPPLIES VEHICLES:						63.12	
61-53610-67-386-828	733	COLE OIL & PROPANE CO	05/22/2026	ACCT 118928 - 5/22/26	JETTER 4 GAS	316.36	06/30/2026
61-53610-67-386-828	1938	KWIK TRIP INC	05/04/2026	ACCT 00272441 -APRIL 2	SEWER FUEL	479.14	05/31/2026
61-53610-67-386-828	1938	KWIK TRIP INC	06/04/2026	MAY 2026	SEWER FUEL	417.57	06/30/2026
Total 61-53610-67-386-828 TRANSPORT EXP SUPPLIES GAS/OIL:						1,213.07	
61-53610-68-317-832	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6136 HOME DEPOT - FENCE PANEL GOLF VIEW	178.25	06/30/2026
61-53610-68-317-832	2939	SABEL MECHANICAL LLC	04/30/2026	260381	GOLF VIEW REPAIRS	1,536.58	05/31/2026
61-53610-68-317-832	2939	SABEL MECHANICAL LLC	06/01/2026	260514	4TH ST. LIFT FAIL	571.98	06/30/2026
61-53610-68-317-832	3458	TOTAL ENERGY SYSTEMS LLC	05/05/2026	INV161336	2025 WOOL ROAD ANNUAL MAINTENANCE	1,545.00	05/31/2026
Total 61-53610-68-317-832 COLLECT SYS PUMP EQUIP PROF:						3,831.81	
61-53610-68-317-834	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6136 AMAZON - PACER PUMPS	91.00	06/30/2026
61-53610-68-317-834	1406	GREGG MARTIN INSTRUMENT LLC	05/18/2026	44427	BFP TESTING	1,061.60	06/30/2026
61-53610-68-317-834	2627	PBBS EQUIPMENT CORPORATION	05/14/2026	305373	BOILER REPAIR-WW FLAME FAILURES	957.77	05/31/2026
Total 61-53610-68-317-834 MAINT GEN PLANT PROF SERV:						2,110.37	
61-53610-68-319-833	733	COLE OIL & PROPANE CO	05/01/2026	2247909	MOBIL DTE 10 EXCEL 15 - PAIL	159.79	05/31/2026
61-53610-68-319-833	1385	GRAINGER	04/17/2026	9883933773	SPROKET.ROD AND CASTER WHELL	92.55	05/31/2026
61-53610-68-319-833	2939	SABEL MECHANICAL LLC	05/05/2026	260402	CLARIFIER DRIVE PREVENTIVE MAINTENANCE	1,246.54	05/31/2026
61-53610-68-319-833	4309	TRANE	05/13/2026	990513401	HEATER VENT ISSUES	1,031.00	06/30/2026
61-53610-68-319-833	4906	MAYVILLE ACE HARDWARE	05/31/2026	MAY 2026	#16363 GLOVERS, FASTNERS	30.72	06/30/2026
61-53610-68-319-833	5876	NAPA AUTO PARTS - MPEC	04/01/2026	CLOSE DATE 04/30/2026	INV# 343760 NAPA PREM PERFORMANCE 85W140	89.99	05/31/2026
Total 61-53610-68-319-833 MAINT TREAT/DISP EQUIP CONTRAC:						2,650.59	
61-53610-68-321-834	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#6136 AMAZON - WATER FILTER, PAPER TOWEL,	28.80	05/31/2026
61-53610-68-321-834	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6136 AMAZON - 38 QT COMMERCIAL BUCKET W/	39.99	06/30/2026
61-53610-68-321-834	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6136 AMAZON - HD NITRILE GLOVES & KLEENEX	50.57	06/30/2026
61-53610-68-321-834	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6136 AMAZON - DETERGENT, TP, BATTERIES, DY	33.52	06/30/2026
61-53610-68-321-834	4906	MAYVILLE ACE HARDWARE	05/05/2026	8722 APRIL 2026	WASTEWATER SUPPLIES #15750 & 15978	33.66	05/31/2026
61-53610-68-321-834	5180	GFL ENVIRONMENTAL	04/19/2026	U90000317392	UTILITY WW	179.20	05/31/2026
61-53610-68-321-834	5180	GFL ENVIRONMENTAL	05/19/2026	U90000322090	UTILITY WW	138.25	06/30/2026
Total 61-53610-68-321-834 MAINT GEN PLANT JANITOR SUPPLY:						503.99	
61-53610-68-325-831	1133	FERGUSON WATERWORKS #1476	04/29/2026	0470872	MAN HOLE REPLACEMENT	2,996.00	05/31/2026
61-53610-68-325-831	3089	SERWE IMPLEMENT CO INC	05/13/2026	13076	JET NOZZLE	960.53	05/31/2026
61-53610-68-325-831	4634	CORE & MAIN	06/02/2026	Z135226	OAK ST MANHOLE REPAIR ADHESIVE	360.00	06/30/2026
Total 61-53610-68-325-831 MAINT COLLECT SYS OPER SUPPLY:						4,316.53	
61-53610-68-325-834	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6136 AMAZON - FLUORESCENT DYE TABLETS W	32.15	06/30/2026
Total 61-53610-68-325-834 MAINT GEN PLANT OPER SUPPLY:						32.15	
61-53610-68-359-832	3513	UNITED COOPERATIVE	06/11/2026	7322613 CUSTOMER 124	ROUND UP WW #124265	48.75	06/30/2026

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Total 61-53610-68-359-832 COLL SYS PUMP EQUIP MAINT OTH:						48.75	
61-53610-69-317-827	2513	NORTHERN LAKE SERVICE INC	04/21/2026	2606306	2026 QUARTERLY WASTEWATER TEST-NITROGE	456.13	05/31/2026
61-53610-69-317-827	2513	NORTHERN LAKE SERVICE INC	05/20/2026	2608103	PFAS EPA WW	625.00	06/30/2026
Total 61-53610-69-317-827 LAB PROFESSIONAL SERV:						1,081.13	
61-53610-69-383-827	2505	NORTH CENTRAL LABORATORIES	05/04/2026	535291	WW LAB SUPPLIES	376.03	05/31/2026
Total 61-53610-69-383-827 LAB SUPPLIES:						376.03	
64-46750-90-000-204	5911	ST. STEPHEN'S SCHOOL	05/22/2026	REFUND	SECURITY DEPOSIT REFUND 05/21/2026	200.00	06/30/2026
Total 64-46750-90-000-204 AQUATICS - RENTALS:						200.00	
64-46750-95-000-201	5906	BIEL, RUSSELL	05/20/2026	REFUND	REFUND - TAG MEMBERSHIP (NOW RENEW ACTIV	439.00	06/30/2026
64-46750-95-000-201	5914	STANDKE, MATTHEW	06/05/2026	REFUND	PARTIAL REFUND - TAG MEMBERSHIP - MOVED	148.00	06/30/2026
64-46750-95-000-201	5915	STRASESKI, MICHAEL	06/09/2026	REFUND	PARTIAL REFUND - TAG MEMBERSHIP- NEW STAF	75.00	06/30/2026
Total 64-46750-95-000-201 CUSTOMER-MEMBRSHIP YEARLY:						662.00	
64-55400-90-314-000	133	ALL PROMOTIONS LLC	04/21/2026	14860	2026 GOLF - (6) SHORT SLEEVE T-SHIRT	75.00	05/31/2026
64-55400-90-314-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#4526 AMAZON - RETURN TUBE JACKETS - CREDI	115.95-	05/31/2026
64-55400-90-314-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#4525 AMAZON - PH, ALKALINITY INDICATORS & S	23.05	05/31/2026
64-55400-90-314-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#4525 AMAZON - MURIATIC ACID	29.63	05/31/2026
64-55400-90-314-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#4525 WALMART - 10" BUFFER	39.88	06/30/2026
64-55400-90-314-000	2670	PIGGLY WIGGLY	04/10/2026	APRIL 2026	INV#022033681121 TAG- GROCERY	88.11	05/31/2026
64-55400-90-314-000	2670	PIGGLY WIGGLY	04/10/2026	APRIL 2026	TAG- GROCERY - CREDIT	6.58-	05/31/2026
64-55400-90-314-000	4906	MAYVILLE ACE HARDWARE	05/05/2026	8722 APRIL 2026	TAG CENTER SUPPLIES #15831	52.21	05/31/2026
64-55400-90-314-000	4906	MAYVILLE ACE HARDWARE	05/31/2026	MAY 2026	#16479 WATER SEAL ROLLER 12"W	28.48	06/30/2026
64-55400-90-314-000	5901	LOOMANS, JESSICA	04/30/2026	REIMBURSEMENT	FOOD 4 LIFEGUARD INSERVICE	49.90	05/31/2026
Total 64-55400-90-314-000 AQUATICS - OFFICE SUPPLIES:						263.73	
64-55400-90-319-000	1611	HORICON ACE HARDWARE	05/26/2026	13673/1	CM PRESSURE WASHER, FASTNRS, VENT	274.57	06/30/2026
64-55400-90-319-000	2474	NEUMAN POOLS INC	05/27/2026	505590	LARGE BAG FILTER & SMALL FILTER	1,654.82	06/30/2026
64-55400-90-319-000	3669	WIDATCP	05/30/2026	ATCP-X037132	RENEWAL OF TAG POOL LICENSE	527.00	06/30/2026
64-55400-90-319-000	4773	WELDERS SUPPLY COMPANY	04/27/2026	3299417	BULK CARBON DIOXIDE	825.00	05/31/2026
64-55400-90-319-000	4773	WELDERS SUPPLY COMPANY	04/27/2026	3299417	BULK HAZMAT	10.00	05/31/2026
64-55400-90-319-000	4773	WELDERS SUPPLY COMPANY	04/27/2026	3299417	BULK DELIVERY CHARGE	55.00	05/31/2026
64-55400-90-319-000	4773	WELDERS SUPPLY COMPANY	04/30/2026	3301702	MICROBULK CO2 & TELEMETRY SERVICE 4/1/26-4/	192.72	06/30/2026
64-55400-90-319-000	4773	WELDERS SUPPLY COMPANY	05/19/2026	3306965	BULK CARBON DIOXIDE	1,650.00	06/30/2026
64-55400-90-319-000	4773	WELDERS SUPPLY COMPANY	05/19/2026	3306965	BULK HAZMAT	10.00	06/30/2026
64-55400-90-319-000	4773	WELDERS SUPPLY COMPANY	05/19/2026	3306965	BULK DELIVERY CHARGE	55.00	06/30/2026
Total 64-55400-90-319-000 AQUATICS - CONTRACTED SERVICES:						5,254.11	
64-55400-91-314-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#4525 AMAZON N- (4) EXERCISE BANDS W/CASE S	39.80	06/30/2026
64-55400-91-314-000	4906	MAYVILLE ACE HARDWARE	05/05/2026	8722 APRIL 2026	TAG CENTER SUPPLIES #15704	29.61	05/31/2026
Total 64-55400-91-314-000 FITNESS - SUPPLIES:						69.41	
64-55400-91-319-000	1176	FITNESS TECHS LLC	05/06/2026	5557	DIAGNOSE TREADMILL ISSUES	180.00	06/30/2026
64-55400-91-319-000	2881	RIEDERER, DAVID G	04/30/2026	04026-APRIL CLASSES	(7) MEMBER -APRIL FITNESS CLASS	140.00	05/31/2026
64-55400-91-319-000	2881	RIEDERER, DAVID G	04/30/2026	04026-APRIL CLASSES	(1) NON-MEMBER -APRIL FITNESS CLASS	25.00	05/31/2026
64-55400-91-319-000	2881	RIEDERER, DAVID G	04/30/2026	04026-APRIL CLASSES	20% DISCOUNT	33.00-	05/31/2026
64-55400-91-319-000	2881	RIEDERER, DAVID G	05/28/2026	MAY 2026	INV# 052826 - MAY CLASSES (6) MEMBERS & (2) D	108.80	06/30/2026
Total 64-55400-91-319-000 FITNESS - CONTRACTED SERVICES:						420.80	

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64-55400-91-351-000	2031	LIFE FITNESS	05/05/2026	8310397	(2) SPRING, GAS 80N	78.48	05/31/2026
64-55400-91-351-000	2031	LIFE FITNESS	05/05/2026	8310397	(2) GRIP, 1.25 OD X .125 WALL OPEN END	55.80	05/31/2026
64-55400-91-351-000	2031	LIFE FITNESS	05/05/2026	8310397	FREIGHT	12.86	05/31/2026
64-55400-91-351-000	2031	LIFE FITNESS	05/15/2026	8321167	GAS SPRING, ASSY WT STACK PIN, PEDAL ASSY	207.91	05/31/2026
64-55400-91-351-000	2031	LIFE FITNESS	05/15/2026	8321167	FREIGHT CHARGES	15.26	05/31/2026
Total 64-55400-91-351-000 FITNESS - MAINTENANCE-EQUIP:						370.31	
64-55400-95-314-000	370	MCHS OCCUPATIONAL HEALTH	04/29/2026	3764-52889	DRUG SCREEN, IP-DOT - S. KOLLMANBERGER	72.00	05/31/2026
64-55400-95-314-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#4525 AMAZON - GENUINE HOT/COLD CUPS	48.02	05/31/2026
64-55400-95-314-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#4525 AMAZON - TWIZZLER CANDY	22.99	05/31/2026
64-55400-95-314-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#4525 AMAZON - TWIX BARS	37.95	05/31/2026
64-55400-95-314-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#4525 AMAZON - M&M'S CHOCOLATE CANDY	21.78	05/31/2026
64-55400-95-314-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#4525 AMAZON - S25 EDGE PHONE CASE	3.98	05/31/2026
64-55400-95-314-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#4525 AMAZON - S25 EDGE PHONE CASE - CREDI	3.98	05/31/2026
64-55400-95-314-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#4525 AMAZON - S25 MATTE MAGNETIC PHONE C	6.99	05/31/2026
64-55400-95-314-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#4525 AMAZON - TYPE C CHARGER	5.99	06/30/2026
64-55400-95-314-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#4525 AMAZON - RUFFLE CHIPS 40 CT & COFFEE	29.88	06/30/2026
64-55400-95-314-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#4525 AMAZON - TONER CARTRIDGE	30.28	06/30/2026
64-55400-95-314-000	5720	GOURLIE-WESCOTT, JAMIE	06/02/2026	REFUND	REFUND - TAG CENTER SHIRTS	13.00	06/30/2026
Total 64-55400-95-314-000 CUSTOMER ACCT-SUPPLIES:						288.88	
64-55400-95-319-000	133	ALL PROMOTIONS LLC	06/01/2026	I4890 & I4891	(5) EMBROIDERY TAG LOGOS ON SUPPLIED SHIR	50.00	06/30/2026
Total 64-55400-95-319-000 CUSTOMER ACCT-CONT SERV/ ADV:						50.00	
64-55400-96-304-000	660	CHARTER COMMUNICATIONS	06/01/2026	249874001	TAG CENTER INTERNET/VIDEO & PHONE	913.28	06/30/2026
64-55400-96-304-000	660	CHARTER COMMUNICATIONS	05/01/2026	249874001050126	#250820001 TAG - PHONE	317.04	05/31/2026
64-55400-96-304-000	660	CHARTER COMMUNICATIONS	05/01/2026	249874001050126	#170673601 TAG - INTERNET	485.57	05/31/2026
64-55400-96-304-000	5771	AT & T MOBILITY	05/18/2026	287355199229X05262026	TAG MOBILE PHONES	98.30	06/30/2026
Total 64-55400-96-304-000 ADMIN & GEN-TELEPHONE-INTERNET:						1,814.19	
64-55400-96-319-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#4525 AMAZON - CHALK MARKERS	13.75	05/31/2026
64-55400-96-319-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#4525 CANVA - MONTHLY SUBSCRIPTION	12.99	05/31/2026
64-55400-96-319-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#4525 AMAZON - 1260 TIMECARDS	28.95	06/30/2026
64-55400-96-319-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#4525 AMAZON (2) BRIGHT PAPER	25.45	06/30/2026
64-55400-96-319-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#4525 CANVA SUBSCRIPTION	119.99	06/30/2026
Total 64-55400-96-319-000 ADMIN & GEN-CONTRACTED SERVICE:						201.13	
64-55400-96-351-000	4965	JAMES IMAGING SYSTEMS INC	05/18/2026	1697202	BLACK/COLOR IMAGES - TAG CENTER	216.64	05/31/2026
64-55400-96-351-000	4965	JAMES IMAGING SYSTEMS INC	05/18/2026	1697202	TAG CENTER TONER REPLACEMENT SHIPPING	8.95	05/31/2026
64-55400-96-351-000	4965	JAMES IMAGING SYSTEMS INC	06/12/2026	1704644	BLACK/COLOR IMAGES - TAG CENTER	142.11	06/30/2026
Total 64-55400-96-351-000 ADMIN & GEN BLDG/MAIN/ EQUIP:						367.70	
64-55400-98-314-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#4525 AMAZON - 2" LAMINATED STEEL KEYED PA	37.98	05/31/2026
64-55400-98-314-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#4525 AMAZON - DISINFECT WIPES, BATTERIES, I	90.82	05/31/2026
64-55400-98-314-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#4525 AMAZON - (3) SCRUBBING BUBBLES SHOW	39.04	06/30/2026
64-55400-98-314-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#4525 AMAZON - WATERLESS BLUESEAL URINAL	29.50	06/30/2026
64-55400-98-314-000	2274	MENARDS INC - BEAVER DAM	04/02/2026	APRIL 2026	INV# 93992 MURIATIC ACID, HEAVY WT PEVA, BA	303.45	05/31/2026
64-55400-98-314-000	2432	NASSCO INC	05/12/2026	6704684	(4) 10/PK DISPOSABLE MICRO FILTER BAG	58.06	05/31/2026
64-55400-98-314-000	2432	NASSCO INC	05/12/2026	6704684	FUEL SURCHARGE	4.95	05/31/2026
64-55400-98-314-000	2432	NASSCO INC	05/18/2026	6707220	7200 FLOOR PAD 13" BLACK	60.14	06/30/2026
64-55400-98-314-000	2432	NASSCO INC	05/18/2026	6707220	FREIGHT	19.95	06/30/2026
64-55400-98-314-000	2432	NASSCO INC	05/22/2026	6709722	INV#6709722 - (3) CASES OF FACIAL TISSUE	68.94	06/30/2026
64-55400-98-314-000	2432	NASSCO INC	05/22/2026	6709722	INV#6709722 - FREIGHT	19.95	06/30/2026
64-55400-98-314-000	2964	SAN-A-CARE INC.	04/23/2026	671145	65GAL LINER, 12-16GAL LINER, BOWL CLNR, PAPE	866.85	05/31/2026
64-55400-98-314-000	4906	MAYVILLE ACE HARDWARE	05/31/2026	MAY 2026	#16133,16571,16590,16593: BULBS, VINEGAR, BAKI	174.89	06/30/2026

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Total 64-55400-98-314-000 BLDG MAINT-SUPPLIES:						1,774.52	
64-55400-98-319-000	289	MEI TOTAL ELEVATOR SOLUTIONS	05/01/2026	1184692	#2144 MAY-JULY QUARTERLY SERVICE	240.65	05/31/2026
64-55400-98-319-000	427	BERNHARD PLUMBING INC	05/06/2026	31587	SYMMONS 4-231 SHOWERHEAR - TAG	346.00	05/31/2026
64-55400-98-319-000	592	BYCO INC	04/16/2026	26-ml-101	ADDL' OFFICES CARPET REPLACEMENT -TAG	3,450.00	05/31/2026
64-55400-98-319-000	2791	RADIO PLUS INC	04/30/2026	2878-00109-0003	WMDC \$1200 CASH - \$1200 TRADE	100.00	05/31/2026
64-55400-98-319-000	2791	RADIO PLUS INC	05/31/2026	2878-00109-0004	2026 AD BANK CASH/TRADE - WMDC 5/18-5/31	100.00	06/30/2026
64-55400-98-319-000	5886	DIALED IN ROOFING & EXTERIORS	04/17/2026	26-2939-2	TUCK POINTING SECTION TAG CENTER	42,890.00	06/30/2026
64-55400-98-319-000	5886	DIALED IN ROOFING & EXTERIORS	04/17/2026	26-2939-2	TUCK POINTING SECTION CREDIT -PYMT 4/14/26	21,445.00-	06/30/2026
64-55400-98-319-000	5900	ADVANCED WILDLIFE & PEST CONTR	04/15/2026	752621	COMMERCIAL PEST PLAN	75.00	05/31/2026
Total 64-55400-98-319-000 BLDG MAINT-CONTRACTED SERVICES:						25,756.65	
64-55400-98-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	8371174585 - MAY 20	TAG ELECTRIC	9,609.28	05/31/2026
64-55400-98-323-000	142	ALLIANT ENERGY/WP&L	05/20/2026	8371174585 - MAY 20	TAG GAS	3,020.03	05/31/2026
64-55400-98-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	8371174585- APRIL 22 20	TAG ELECTRIC	9,994.56	05/31/2026
64-55400-98-323-000	142	ALLIANT ENERGY/WP&L	04/22/2026	8371174585- APRIL 22 20	TAG GAS	3,549.36	05/31/2026
Total 64-55400-98-323-000 BLDG MAINT - ELECTRIC/ GAS:						26,173.23	
64-55400-98-327-101	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#4525 MIDWEST POOL SUPPLY - CPO CLASS	450.00	05/31/2026
64-55400-98-327-101	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#4525 FULL SWING - REPLACEMENT GOLF CAME	1,773.47	05/31/2026
64-55400-98-327-101	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#4525 FULL SWING - SALES TAX - CREDIT	92.47-	05/31/2026
64-55400-98-327-101	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#4525 AMAZON - (10) GAL. ACRYLIC DECK & PATI	622.00	05/31/2026
64-55400-98-327-101	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#4525 INCORD - NETTING POOL	857.00	06/30/2026
64-55400-98-327-101	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#4525 AMAZON - (7) ADORETEX SWIMSUITS	250.55	06/30/2026
64-55400-98-327-101	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#4525 AMAZON - POOL SHUTDOWN SUPPLIES	125.11	06/30/2026
64-55400-98-327-101	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#4525 AMAZON - KELLEY TECHNICAL COATINGS 1	64.57	06/30/2026
64-55400-98-327-101	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#4525 AMAZON - (4) KELLEY TECHNICAL COATING	258.28	06/30/2026
64-55400-98-327-101	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#4525 RED CROSS (6) LIFE GUARD TRAININGS	288.00	06/30/2026
64-55400-98-327-101	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#4525 AMAZON - (3) BMJL RUNNING SHORTS	59.97	06/30/2026
64-55400-98-327-101	620	CARRICO AQUATIC RESOURCES INC	05/04/2026	20262866	SENSOR, PH SENSOR, CO2 DIFFUSER, LIGHTED F	4,047.82	06/30/2026
64-55400-98-327-101	620	CARRICO AQUATIC RESOURCES INC	05/04/2026	20262866	SHIPPING & HANDLING	122.47	06/30/2026
64-55400-98-327-101	1294	GENESIS COMPUTER SYSTEMS LLC	06/02/2026	TAG -#5014	#5014 TV DELIVERY & AUDIO INSTALLATION	2,197.50	06/30/2026
64-55400-98-327-101	2031	LIFE FITNESS	05/29/2026	8331807	(2) INTEGRITY+UPRIGHT BIKE	5,663.90	06/30/2026
64-55400-98-327-101	2031	LIFE FITNESS	05/29/2026	8331807	(2) INTEGRITY+UPRIGHT BIKE	6,343.70	06/30/2026
64-55400-98-327-101	2031	LIFE FITNESS	05/29/2026	8331807	STANDARD FREIGHT	840.53	06/30/2026
64-55400-98-327-101	2031	LIFE FITNESS	05/29/2026	8331807	INSTALLATION CHARGES	1,080.68	06/30/2026
64-55400-98-327-101	2031	LIFE FITNESS	05/29/2026	8331807	INFLATIONARY COMMODITY SURCHARGE	240.15	06/30/2026
Total 64-55400-98-327-101 BLDG MAINT-SUPPLIES-EQUIP-ENDO:						25,193.23	
64-55400-98-351-000	3518	UNITED STATES ALLIANCE FIRE PRO	06/11/2026	1046-F176757	JUNE 2026 INSP-ANNUAL: (1) WET/ DRY & (1) BAC	800.00	06/30/2026
64-55400-98-351-000	4773	WELDERS SUPPLY COMPANY	05/31/2026	3310082	MICROBULK & TELEMETRY SERVICE 5/1/26-5/31/2	199.15	06/30/2026
64-55400-98-351-000	4906	MAYVILLE ACE HARDWARE	05/31/2026	MAY 2026	#16541 PRESSURE WASHER	217.72	06/30/2026
64-55400-98-351-000	5900	ADVANCED WILDLIFE & PEST CONTR	05/19/2026	767840	COMMERCIAL PEST PLAN	75.00	06/30/2026
Total 64-55400-98-351-000 BLDG MAINT-MAINTENANCE-BLDG:						1,291.87	
64-55400-98-386-000	1938	KWIK TRIP INC	05/04/2026	ACCT 00272441 -APRIL 2	TAG CENTER MAINT. FUEL	47.16	05/31/2026
64-55400-98-386-000	1938	KWIK TRIP INC	06/04/2026	MAY 2026	TAG CENTER MAINT. FUEL	50.46	06/30/2026
Total 64-55400-98-386-000 BLDG MAINT-SUPPLIES-GAS/OIL:						97.62	
72-55140-78-325-000	5437	THE CLAUSON FAMILY MUSIC SHOW	06/10/2026	6102026	(23) SHOW TICKETS -FINAL PAYMENT	1,219.75	06/30/2026
72-55140-78-325-000	5437	THE CLAUSON FAMILY MUSIC SHOW	06/10/2026	6102026	LATE FEE - PAST DUE DATE 6/23/2026	35.00	06/30/2026
Total 72-55140-78-325-000 MAYVILLE SR CENTER - PROGRAM:						1,254.75	
73-46710-79-000-000	5913	TED AND GRACE BACHHUBER	06/16/2026	DONATIONS	DREXLER DONATION DEPOSITED TO CITY ACCT. I	1,000.00	06/30/2026

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Total 73-46710-79-000-000 LIBRARY TRUST - LIBRARY REVENU:						1,000.00	
73-55110-79-808-000	484	BMO HARRIS BANK NA	05/18/2026	APRIL 2026 -R	#0345 WI HISTORICAL 1-YR PASS 4.9.26-4.9.27	500.00	05/31/2026
73-55110-79-808-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#0435 AMAZON - HARRY POTTER BOOK	9.85	06/30/2026
73-55110-79-808-000	644	CENGAGE GROUP	05/13/2026	999102696289	{10} BOOKS	323.20	06/30/2026
73-55110-79-808-000	1678	INGRAM LIBRARY SERVICES INC	05/01/2026	2005703 MAY 2026	(138) CHILDREN & ADULT BOOKS	2,018.43	06/30/2026
73-55110-79-808-000	1678	INGRAM LIBRARY SERVICES INC	05/01/2026	CUST# 2005703 MAR-AP	(152) BOOKS/SHIPPING FEES	2,264.46	05/31/2026
73-55110-79-808-000	2328	MIDWEST TAPE LLC	05/31/2026	508945128	AUDIOBOOKS, BINGEPASS, COMICS, EBOOK, MU	697.63	06/30/2026
73-55110-79-808-000	5256	JUNIOR LIBRARY GUILD	05/01/2026	746262	GNH CATEGORY - GRAPHIC NOVEL/MANGA	324.00	05/31/2026
73-55110-79-808-000	5256	JUNIOR LIBRARY GUILD	05/01/2026	746262	HIHP CATEGORY - HIGH DEMAND	308.00	05/31/2026
73-55110-79-808-000	5256	JUNIOR LIBRARY GUILD	05/01/2026	746262	HTA CATEGORY - HOW TO ADULT	336.00	05/31/2026
73-55110-79-808-000	5256	JUNIOR LIBRARY GUILD	05/01/2026	746262	MH+CATEGORY - MYSTERY, THRILLER & HORRO	308.00	05/31/2026
73-55110-79-808-000	5256	JUNIOR LIBRARY GUILD	05/01/2026	746262	DISCOUNT - RCVD BY 6/30/26	25.52	05/31/2026
Total 73-55110-79-808-000 LIBRARY TRUST - BOOKS:						7,064.05	
75-52300-24-830-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6169 AMAZON - SNACKS	13.35	06/30/2026
75-52300-24-830-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6169 AMAZON - BRAIN STRESS BALLS, PEN LIGH	62.76	06/30/2026
75-52300-24-830-000	484	BMO HARRIS BANK NA	05/31/2026	MAY 2026	#6169 ARMED FORCES BENEFIT ASSOC (23) INS.	75.00	06/30/2026
75-52300-24-830-000	2670	PIGGLY WIGGLY	04/10/2026	APRIL 2026	INV#022031141259 EMS - GROCERY	61.91	05/31/2026
75-52300-24-830-000	2670	PIGGLY WIGGLY	04/10/2026	APRIL 2026	INV#001092280915 EMS - GROCERY	85.44	05/31/2026
75-52300-24-830-000	2670	PIGGLY WIGGLY	05/31/2026	MAY 2026	REF#00158 - EMS - CHEESE, SODA, SNACK STIXS	109.30	06/30/2026
75-52300-24-830-000	5028	KEDINGER, DEANNA	05/19/2026	COOKIES	(24) DECORATED SUGAR COOKIES - POLICE WEE	60.00	06/30/2026
75-52300-24-830-000	5028	KEDINGER, DEANNA	05/19/2026	COOKIES	(36) DECORATED SUGAR COOKIES - EMS WEEK	90.00	06/30/2026
75-52300-24-830-000	5767	ARMED FORCES BENEFIT ASSOCIATI	05/18/2026	2026 MAY	(24) EMS BASIC LIFE INSURANCE	72.00	05/31/2026
75-52300-24-830-000	5767	ARMED FORCES BENEFIT ASSOCIATI	06/05/2026	JUNE 2026	(23) EMS INSURANCE PREMIUMS	69.00	06/30/2026
75-52300-24-830-000	5846	FREDS BEDS AND MORE LLC	04/23/2026	1195	INV#1195 (2) ROCKER RECLINERS	758.00	05/31/2026
Total 75-52300-24-830-000 EMS TRUST - DONATION EXPENSE:						1,456.76	
85-55230-52-388-000	1224	FRANK LIQUOR COMPANY INC	05/14/2026	6077968	ROCK N' BOOM (8) CASES - TRULY	265.60	06/30/2026
85-55230-52-388-000	1224	FRANK LIQUOR COMPANY INC	05/14/2026	6077968	ROCK N' BOOM (8) CASES - YUENGLING	165.92	06/30/2026
85-55230-52-388-000	3696	WESCOTT, CASEY	06/02/2026	6.4.2026	FOSTER PARK CONCERT 06/04/2026	400.00	06/30/2026
85-55230-52-388-000	4554	WISCONSIN DISTRIBUTORS	05/14/2026	7550843	(8) CASES OF BUSCH LIGHT	165.92	06/30/2026
85-55230-52-388-000	4554	WISCONSIN DISTRIBUTORS	05/14/2026	7550843	(8) CASES OF MIC ULTRA CAN	199.84	06/30/2026
85-55230-52-388-000	4591	SCHUETT, MIKE	05/20/2026	REINBURSEMENT	AMAZON - ROCK N' BOOM SUPPLIES	308.02	06/30/2026
85-55230-52-388-000	4591	SCHUETT, MIKE	05/20/2026	REINBURSEMENT	MAYVILLE ACE - ROCK N' BOOM SUPPLIES - ENV	12.00	06/30/2026
85-55230-52-388-000	4591	SCHUETT, MIKE	05/20/2026	REINBURSEMENT	US POSTAL - ROCK N' BOOM SUPPLIES - MAILING	78.00	06/30/2026
85-55230-52-388-000	5745	UNTIL DAWN LLC	05/04/2026	06.25.2026	FOSTER PARK CONCERT 6/25/2026	600.00	06/30/2026
85-55230-52-388-000	5907	FISHER, KENNETH C.	06/01/2026	06/11/2026	CONCERT IN THE PARK 06/11/2026	500.00	06/30/2026
85-55230-52-388-000	5908	JJ EATON	05/04/2026	J+BAND	FOSTER PARK CONCERT 06/18/2026	600.00	06/30/2026
Total 85-55230-52-388-000 FIREWORKS - SUPPLIES:						3,295.30	
Grand Totals:						2,619,202.	

Report Criteria:

Detail report.

Invoices with totals above \$0 included.

Only paid invoices included.

CITY OF MAYVILLE
FUND SUMMARY
FOR THE 6 MONTHS ENDING JUNE 30, 2026

(64) TAG CENTER FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	VARIANCE	PCNT
<u>REVENUE</u>					
TAXES	.00	.00	165,000.00	165,000.00	.0
PUBLIC CHARGES FOR SERVICES	69,761.62	272,807.97	575,600.00	302,792.03	47.4
INTEREST INCOME & MISC	5,070.88	70,070.88	27,408.00	(42,662.88)	255.7
OTHER FINANCING SOURCES	80.00	162,708.00	239,000.00	76,292.00	68.1
	<u>74,912.50</u>	<u>505,586.85</u>	<u>1,007,008.00</u>	<u>501,421.15</u>	<u>50.2</u>
<u>EXPENDITURES</u>					
DEPARTMENT 400	<u>215,502.13</u>	<u>579,836.05</u>	<u>997,989.00</u>	<u>418,152.95</u>	<u>58.1</u>
	<u>215,502.13</u>	<u>579,836.05</u>	<u>997,989.00</u>	<u>418,152.95</u>	<u>58.1</u>
	<u>(140,589.63)</u>	<u>(74,249.20)</u>	<u>9,019.00</u>	<u>83,268.20</u>	<u>(823.3)</u>



CITY OF MAYVILLE COMMON COUNCIL
SPECIAL MEETING MINUTES
JUNE 22, 2026
6:00 PM
15 S SCHOOL ST

1. CALL TO ORDER AND ROLL CALL

The meeting was called to order at 06:56 PM by Mayor Rob Boelk, with the following roll call:

Present: Ald. Tony DeBaker, Ald. Bob Smith, Ald. Molly Henkel, Ald. Mary Winter, Ald. Jason Buske, Ald. Kim Olson

Excused: None

Absent: None

Staff present: Cheif Engel and Clerk/Executive Assistant Anastasia Gonstead.

2. CITIZEN COMMENTS

None

3. NEW BUSINESS

3.1. Approval of Minutes of the June 8, 2026, Common Council Meeting

The motion to approve the minutes of the June 8, 2026, Common Council Meeting was made by Ald. Smith and seconded by Ald. Henkel.

Ayes: Ald. DeBaker, Ald. Smith, Ald. Henkel, Ald. Winter, Ald. Buske, Ald. Olson

Nays: None

Vote Count: 6 - 0

Motion has Passed

3.2. Discuss, with Possible Action, Operator License Application(s)

- Jessica Wille, 505 Dayton Street, Mayville
- Blair Wille, 505 Dayton Street, Mayville

The motion to approve operator license applications for Jessica Wille and Blair Willie was made by Ald. Buske and seconded by Ald. Henkel.

Ayes: Ald. DeBaker, Ald. Smith, Ald. Henkel, Ald. Winter, Ald. Buske, Ald. Olson

Nays: None

Vote Count: 6 - 0

Motion has Passed

3.3. Discuss, with Possible Action, Funding Source for Workman's Compensation Coverage Invoice, in the Amount of \$21,984.00

Workman's Compensation Audit for January 1, 2025 - January 1, 2026

The motion to approve the funding source for workman's compensation coverage invoice, in the amount of \$21,984.00, from the general fund was made by Ald. Smith and seconded by Ald. DeBaker.

Ayes: Ald. DeBaker, Ald. Smith, Ald. Henkel, Ald. Winter, Ald. Buske, Ald. Olson

Nays: None

Vote Count: 6 - 0

Motion has Passed

3.4. Discuss, with Possible Action, Pay Request #2, to Kartechner Brothers LLC in the Amount of \$354,908.94

Project: River Knoll Drive Street & Utility Extension (TID #7)

The motion to approve pay request #2, to Kartechner Brothers LLC in the amount of \$354,908.94 was made by Ald. Buske and seconded by Ald. Henkel.

Ayes: Ald. DeBaker, Ald. Smith, Ald. Henkel, Ald. Winter, Ald. Buske, Ald. Olson

Nays: None

Vote Count: 6 - 0

Motion has Passed

3.5. Discuss, with Possible Action, Pay Request #3, to Kartechner Brothers LLC in the Amount of \$89,208.05

Project: River Knoll Drive Street & Utility Extension (TID #7)

The motion to approve pay request #3, to Kartechner Brothers LLC in the amount of \$89,208.05 was made by Ald. DeBaker and seconded by Ald. Smith.

Ayes: Ald. DeBaker, Ald. Smith, Ald. Henkel, Ald. Winter, Ald. Buske, Ald. Olson

Nays: None

Vote Count: 6 - 0

Motion has Passed

3.6. Discuss, with Possible Action, Pay Request #12, in the Amount of \$893,897.34, Payable to C.D. Smith Construction, Inc.

Project: Water/Wastewater Facility Upgrade

The motion to approve pay request #12, in the amount of \$893,897.34, to C.D. Smith Construction, Inc. was made by Ald. Buske and seconded by Ald. DeBaker.

Ayes: Ald. DeBaker, Ald. Smith, Ald. Henkel, Ald. Winter, Ald. Buske, Ald. Olson

Nays: None

Vote Count: 6 - 0

Motion has Passed

3.7. Discuss, with Possible Action, Pay Request #2, in the Amount of \$464,375.86, Payable to Kopplin & Kinas Co., Inc.

Project: Muzzy/Allen/Grove Road Reconstruction

The motion to approve pay request #2, in the amount of \$464,375.86 to Kopplin & Kinas Co., Inc. was made by Ald. Smith and seconded by Ward 3 Alderperson.

Ayes: Ward 1 Alderperson, Ward 2 Alderperson, Ward 3 Alderperson, Ward 4 Alderperson, Ward 5 Alderperson, Ward 6 Alderperson

Nays: None

Vote Count: 6 - 0

Motion has Passed

3.8. Discuss, with Possible Action, Change Order #1, in the amount of \$12,062.00

Project: Muzzy/Allen/Grove Road Reconstruction

The motion to approve change order #1, in the amount of \$12,062.00, for the Muzzy/Allen/Grove road reconstruction project was made by Ald. Buske and seconded by Ald. DeBaker.

Ayes: Ald. DeBaker, Ald. Smith, Ald. Henkel, Ald. Winter, Ald. Buske, Ald. Olson

Nays: None

Vote Count: 6 - 0

Motion has Passed

4. ADJOURNMENT

The Common Council meeting was adjourned at 7:00PM, by order of the Chair.

Respectfully submitted by Lexi Volbright - Deputy Clerk

Respectfully submitted,

Anastasia Gonstead - City Clerk



15 South School Street, PO Box 273, Mayville WI 53050
Phone: 920.387.7900 Fax: 920.387.7919
WWW.MAYVILLECITY.COM

STAFF MEMO

Meeting Date: July 13, 2026

To: Common Council

From: Anastasia Gonstead – Clerk/Executive Assistant

Subject: Proposal Results for RFP 03-2026, Bow Hunting Land Lease

Background:

The City solicited proposals for the lease of City-owned property for bow hunting purposes. Proposals were accepted through the established deadline, and four (4) proposals were received.

The proposals received are summarized below:

Name	City	Bid	References?
J.Rahn	Hubertus, WI	\$3,000 per year	Yes
G.Olson	Mayville, WI	\$4,100 per year	Yes
B.Thom	Mayville, WI	\$1,800 per year	Yes
B.Krapfl	Lomira, WI	\$3,400 per year	Yes

All proposers submitted the required references. The highest annual lease proposal was submitted by G.O. of Mayville, Wisconsin, in the amount of \$4,100 per year.

Staff reviewed the proposals for completeness and determined that all submissions met the basic requirements outlined in the request for proposals. The Common Council may consider the proposal amounts, references, and any other factors it deems relevant when determining the successful proposer.

Recommended Action:

Motion to award the Bow Hunting Land Lease Agreement to G.O. of Mayville, Wisconsin, at an annual lease rate of \$4,100, with the lease-term commencing August 1, 2026, subject to execution of a lease agreement approved by the City Attorney and City administration.

CHANGE ORDER NO.: 03

Owner:	City of Mayville	Owner's Project No.:	00052025
Engineer:	MSA Professional Services, Inc.	Engineer's Project No.:	00052028
Contractor:	C.D. Smith Construction, Inc.	Contractor's Project No.:	
Project:	City of Mayville WWTF Upgrade		
Contract Name:	General Construction		
Date Issued:	December 19, 2024	Effective Date of Change Order:	5/22/2026

The Contract is modified as follows upon execution of this Change Order:

Description:

WCD 06/COR 012 – STR 800 Fire Barrier Wall Details adjustments per DSPS review.
FO 06/COR 016 – STR 800 Wall Intersection and Transition Details (Fire Caulking).
RFI 089/COR 017 – STR 800 North Lab Wall Electrical Power.
RFI 076/COR 018 – STR 800 ERU Support Stand
COR 020 – STR 800 additional Wireless Access Points
FO 08R1/COR 021 – STR 800 HVAC Snorkel Ventilation Reroute
RFI081/097/COR 022 – Relocation & Reroute of STR 800 condensing units and furnace venting.
RFI 102/COR 023 – Addition of STR 800 EF-800-1 Damper
FO 07/COR 024 – FO 07 STR 800 & 100 HVAC Sequence of Operations Timers & RCP panels
COR 026 – Elimination of Garage Floor Paint Striping

Attachments:

- **Summary Table**
- **COR 012 – Response to Work Change Directive 06**
 - **STR 800 Fire Barrier Wall Details**
- **COR 016 - Response to Field Order 07**
 - **STR 800 Wall Intersection and Transitions Details (Fire Caulking)**
- **COR 017 – Response to RFI 089**
 - **STR 800 North Lab Wall Electrical Power**
- **COR 018 – Response to RFI 079**
 - **STR 800 ERU Support Stand**
- **COR 020 – Response to City IT Requirements**
 - **STR 800 Additional Wireless Access Points**
- **COR 021 – Response to Field Order 08 Revision 1**
 - **STR 800 HVAC Snorkel Ventilation Reroute**
- **COR 022 – Response to RFIs 081 & 097**
 - **Relocation & Reroute of STR 800 condensing units and furnace venting.**
- **COR 023 – Response to RFI 102**
 - **Addition of STR 800 EF-800-1 Damper**
- **COR 024 – Response to Field Order 07**
 - **STR 800 & 100 additional timers and RCP panels.**
- **COR 026 – Response to Owner Request**
 - **Credit to exclude garage STR 800 paint striping.**

Change in Contract Price	Change in Contract Times
Original Contract Price: \$ 26,338,359.00	Original Contract Times: Substantial Completion: July 30, 2027 Ready for final payment: Dec. 30, 2027
[Increase] [Decrease] from previously approved Change Orders No. 1 to No. 2: \$ 451,314.21	[Increase] [Decrease] from previously approved Change Orders No. 1 to No. 1: Substantial Completion: 25 days Ready for final payment: No Change
Contract Price prior to this Change Order: \$ 26,789,673.21	Contract Times prior to this Change Order: Substantial Completion: Aug. 24, 2027 Ready for final payment: Dec. 30, 2027
[Increase] [Decrease] this Change Order: \$ 115,555.15	[Increase] [Decrease] this Change Order: Substantial Completion: 8 Days Ready for final payment: No Change
Contract Price incorporating this Change Order: \$ 26,905,228.36	Contract Times with all approved Change Orders: Substantial Completion: Sept. 1, 2027 Ready for final payment: Dec. 30, 2027

Recommended by Engineer (if required)

By: Steven Sell

Title: Project Manager

Date: 5/22/2026

Authorized by Owner

By:

Title:

Date:

Accepted by Contractor

Karley Krupp

Project Manager

5/22/26

Approved by Funding Agency (if applicable)

Summary of Cost Changes		
Item	Cost	Additional Notes
COR 012 - Response to WCD 06	\$35,103.57	STR 800 Fire Barrier Wall Details (T&M - City Approval)
COR 016 - Response to FO 07	\$13,828.92	STR 800 Wall Intersection and Transition Details (Fire Caulking).
COR 017 - Response to RFI 089	\$4,807.25	STR 800 North Lab Wall Electrical Power
COR 018 - Response to RFI 079	\$13,253.07	STR 800 ERU Support Stand
COR 020 - Response to City IT Requirements	\$804.92	STR 800 Additional Wireless Access Points
COR 021 - Response to FO 08 Revision 1	\$15,926.59	STR 800 HVAC Snorkel Ventilation Reroute
COR 022 - Response to RFIs 081 & 097	\$27,822.22	Relocation & Reroute of STR 800 condensing units and furnace venting
COR 023 - Response to RFI 102	\$878.09	STR 800 addition of EF-800-1 Damper
COR 024 - Response to FO 07 Part 2	\$3,865.52	STR 800 & 100 HVAC Sequence of Operations Timers/
COR 026 - STR 800 Garage Striping Credit	(\$735.00)	Removal of STR 800 Garage Striping per Owner's Request
TOTAL	\$115,555.15	

COR 012 - Response to WCD 06 STR 800 Fire Barrier Wall Details



PCI #COR0012

C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935
Phone: 1 920 924.2900

Project: 240224 - Mayville WWTF 2024 Upgrade
400 Kekoskee Street
Mayville, WI 53050

Potential Change Item #COR0012

Work Change Directive No. 6 - Fire Barrier Wall Detail

To:	City Of Mayville 15 S School Street Mayville, WI 53050	From:	C.D. Smith Construction, Inc. 125 Camelot Drive Fond du Lac WI, 54935
Status:	Pricing-No Forecast	Created Date	2025-12-10
Schedule Impact:	7 Days	OCO Number:	

POTENTIAL CHANGE ITEM SCOPE DESCRIPTION: *(The Contract Is Changed As Follows)*

Revise Fire Barrier Wall Detail to Allow the Use of 3 5/8" Metal Stud and 2-Hour Rated Joint at Top of Wall

ATTACHMENTS:

Description	Cost Code	Category	Quantity	W/M	Rate	Final Amount
Red Hawk - Metal Building	133423	S		LS	\$	\$10,750.00
Carpentry Material - Studs	060000	M	200	LF	\$5.7	\$1,425.00
Carpentry Material - Drywall	060000	M	16	EA	\$20	\$320.00
Carpentry Labor - Drywall	061000	L	64	HR	\$97.2	\$6,220.80
Carpentry Labor - Steel Studs	054000	L	128	HR	\$97.2	\$12,441.60
Bond:						\$347.56
Self Perform Markup:						\$3,061.11
Subcontract Markup (5%):						\$537.50
Grand Total:						\$35,103.57

City Of Mayville
15 S School Street
Mayville, WI 53050

C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935

SIGNATURE

DATE

SIGNATURE

DATE

City Signed for Work Not to
Exceed \$36,909.93 on WCD 06
on T&M basis on 2/18/2026

FIELD ORDER #6 T & M REQUEST

Field Order No.: 6

Customer: C.D. Smith Construction, Inc.

Customer Representative: Karley Krupp

Customer Rep Phone #:920-979-8756

Date: May 12th 2026

Redhawk Job#: 2015

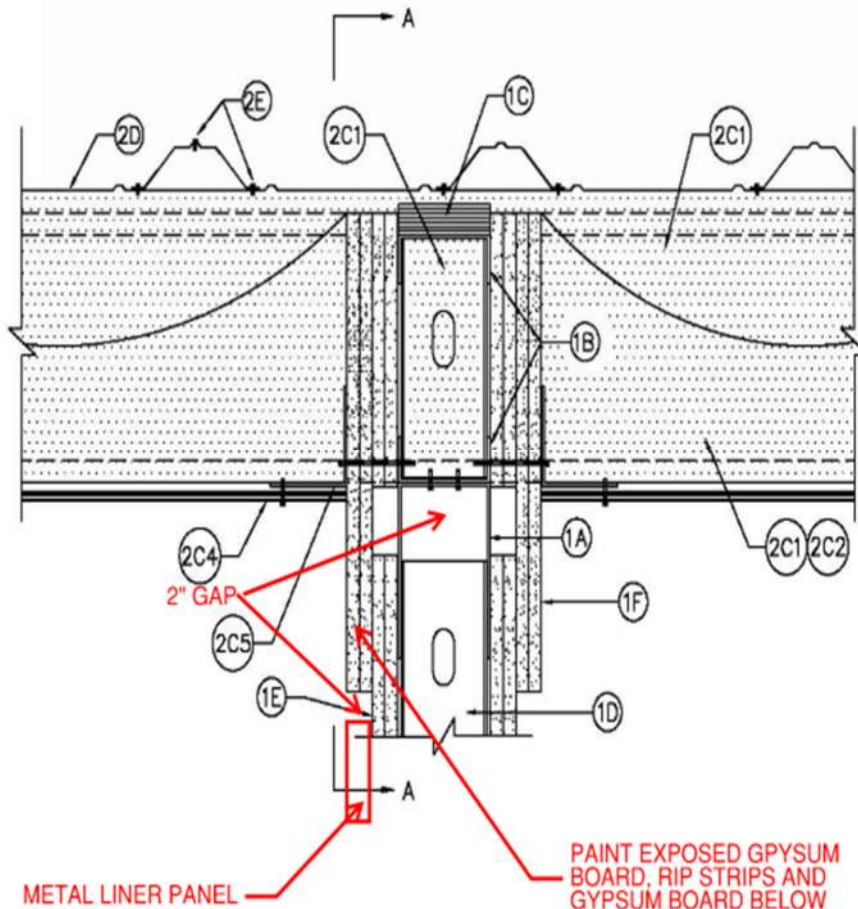
Job Name: City of Mayville WWTF Upgrade

Description of Changes

Additional Cost/Credit

The scope of work includes slicing the existing vapor barrier as required to access the purlin cavity and insulation. Insulation support banding will be terminated at new 3" x 5" x 14 ga. support angles installed on both sides of the fire-assembly wall. These angles will be fastened to 6" x 18 ga. steel stud supports (provided by others) installed between purlins at 48" O.C. Reattachment of vapor barrier when wall assembly is installed.

This quote includes all applicable tax, freight, materials, equipment, labor and re-mobilization required to complete the work described above.



ITEMIZED BREAK DOWN:

Labor rate per hour.....\$145.00
Install Labor hours.....38.50 total
Labor Cost.....\$5,582.50
Materials.....\$1853.15
Mobilization charges on 2/24/2026 and 4/20/2026.....\$6,000 total
Overhead Charge (10%).....\$1,343.57

TOTAL-----	\$ 14,779.22
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Based on the listed changes, the construction time will be extended by approximately 5 working days.

Redhawk Metal Buildings LLC

Name: Tony Katarincic

Signature:



Date: 5/12/2025



DAILY JOB LOG

Reference: Mayville WWTF - 949

Job Site: 400 Kekoskee St

Mayville, WI 53050

Contract:

Date: 02/24/2026

Weather:

Delay: No

Customer
Redhawk Metal Buildings LLC

Contractor
NuStructures

Architect

Summary

Safety Incidents:
Summary:

Time Sheet

Employee Name	Crew	Occupation	Hours	Pay Code	Cost Item
Dustan Jackowski	001	FOREMAN	7.50	E01	0205

Subcontract

Vendor	Employee Count	Hours	Cost Item	Note
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Visitors

Visitor Name	Representing	Note
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Photos

Project Manager:

Superintendent:



DAILY JOB LOG

Reference: Mayville WWTF - 949

Job Site: 400 Kekoskee St

Mayville, WI 53050

Contract:

Date: 04/17/2026

Weather:

Delay: No

Customer
Redhawk Metal Buildings LLC

Contractor
NuStructures

Architect

Summary

Safety Incidents:
Summary:

Time Sheet

<i>Employee Name</i>	<i>Crew</i>	<i>Occupation</i>	<i>Hours</i>	<i>Pay Code</i>	<i>Cost Item</i>
Tony Sanders	001	ERECTOR	10.00	E01	0202
Billy Jackowski	001	ERECTOR	1.00	E01	0202

Subcontract

<i>Vendor</i>	<i>Employee Count</i>	<i>Hours</i>	<i>Cost Item</i>	<i>Note</i>
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Visitors

<i>Visitor Name</i>	<i>Representing</i>	<i>Note</i>
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Photos





Project Manager:

Superintendent:

11:41 AM

04/21/26

Metcon Building Systems, Inc.**Time by Job Detail**

January 1 through April 21, 2026

Date	Name	Payroll Item	Duration
Nu Structures, Inc.:Mayville WWTF			
15 Trims			
04/01/2026	Monnot, Dayne	2026A	10:00
04/01/2026	Churchill, Tyler	2026A	10:00
04/03/2026	Churchill, Tyler	2026A	10:00
Total 15 Trims			30:00
17 Insulation:17.2 Insulation Fabric			
04/20/2026	Follett, Timothy	2026A	10:00
04/20/2026	Bernegger, Gavyn	2026A	10:00
Total 17 Insulation:17.2 Insulation Fabric			20:00
Total Nu Structures, Inc.:Mayville WWTF			50:00
TOTAL			50:00



INVOICE

SILVERCOTE
M22-MARSHFIELD WI, SC, MBI
2215 YELLOWSTONE DR
MARSHFIELD WI 54449-2303
(715) 387-1281

INVOICE DATE	INVOICE NUMBER	TOTAL AMOUNT DUE	
02/26/2026	63458399	\$ 20,518.59	
DUE DATE	PO NUM	SALES ORDER NUMBER	BILL TO NUMBER
03/26/2026	Mayville - WWTF	62380650	9287156
SHIP DATE	TERMS	ACCOUNT NUMBER	
02/26/2026	2% 10 Net 30	1816404	

SOLD TO:
REDHAWK METAL BUILDINGS LLC 730995 - SC
307 HELSAN DR# F
RICHFIELD WI 53076

SHIP TO:
REDHAWK METAL BUILDINGS LLC 730995 - SC
307 HELSAN DR# F
RICHFIELD WI 53076

REMIT TO:
SILVERCOTE
PO BOX 746945
ATLANTA GA 30374-6945

SALES PERSON: Oliva, Robert R

ORDER NOTES: TD pallet shipping direct to jobsite

FREIGHT TERMS:

USD

CONTACT INFORMATION							
NAME: Billy Jackowski				PHONE: 920-979-0873		EMAIL:	
15.1	1	RL	TAPS30150V7WH	3" X 150' 1537CW WHITE PSK TAPE VENTURE (16RL/CS)	21	RL	21.00
17.1	1	EA	F	FREIGHT	0	EA	0.00
18.1	1	EA	FSC	FREIGHT SURCHARGE	287.42	EA	287.42

FULLFILLMENT LOCATION	POINT OF SALE	Visit www.SpecialtyDistributionBillPay.com to manage your invoices and make payments online. This invoice is subject to our Terms and Conditions of Sale in effect on the invoice date, which are incorporated herein by reference and available at: https://www.silvercote.com/terms-and-conditions-of-sale/	MERCHANDISE SUB-TOTAL	21.00
SILVERCOTE 2215 YELLOWSTONE DR MARSHFIELD WI 54449-2303	REDHAWK METAL BUILDINGS LLC 211 RIVER KNOLL DR MAYVILLE WI 53050		*PRICE REDUCTIONS	-0.00
			ADDITIONAL CHARGES	287.42
			FREIGHT	0.00
			SALES TAX	1.16
			TOTAL DUE	309.58



Order Summary

User Name	Information	Company	Order #	P.O. #	Order Date	Planned Load Date	Total	Status
-----------	-------------	---------	---------	--------	------------	-------------------	-------	--------

Tony Katarinic **7275745** REDHAWK METAL BUILDINGS 07488653 R202382-001 03/12/2026 03/26/2026 \$1,543.57 Complete
Tax Exempt: **No** LLC

Order Item

Description	Qty	Total Sq. Ft.	Unit Price	Option Charges	Total
 14 x 4" Deck Screw Color: Black Part Number: #211 Sold in Quantities of: 250 Bundle Mark: _____	500		\$258.53	\$0.00	\$129.27
 12-14 x 1" Long Life with #3 Drill Point Color: Signature® 200 - Bright White Part Number: #27 Sold in Quantities of: 250 Bundle Mark: _____	250		\$245.27	\$0.00	\$61.32
 Angle Color: Galvanized Nominal Size: 3" x 3" Sold in Quantities of: 1 Thickness: 16 GA. Standard Length: 20' Custom Punch: _____ Bundle Mark: _____	11		\$38.13	\$0.00	\$419.43

Items : **3**

Subtotal: **\$610.02**

Pricing Summary		Payment Information	
Subtotal:	\$610.02	Payment Method:	Account Payment
Packaging:	\$150.00	P.O.#:	R202382-001
Freight:	\$750.00		
Tax:	\$33.55		
Total:	\$1,543.57		
Freight Summary		Order Notes	
Estimated Weight (in lbs): 826.2564			
Shipping Information			
Shipping via:	Standard Delivery		
Company Name:	Redhawk Metal Buildings		
Address:	3070 Helsan Drive Richfield, WI 53076		
Country:	United States		
Phone:	9205790878		
Bill to Customer		Sold to Customer	
Address:	3070 HELSAN DR # F RICHFIELD, WI 53076-9582	Name	Tony Katarincic
Country:	United States	Customer ID:	173974
Ship to Contact Information			
Name	Phone	Email	
Tony Katarincic	9205790878	tony@redhawkmetalbuildings.com	
Sales Order Contact Information			
Name	Phone	Email	
Tony Katarincic	9205790878	tony@redhawkmetalbuildings.com	



WORK REPORTS ARE TO BE MADE OUT DAILY WHEN EXTRA WORK (AUTHORIZED OR UNAUTHORIZED) IS IN PROGRESS, AND MUST BE SUBMITTED FOR SIGNATURE DURING THE DAY FOLLOWING SUCH WORK.

CDS JOB NO.	JOB NAME	CHANGE ORDER REQUEST NUMBER	DATE
240224-300	Mayville WWTF		2/27/2025

CLIENT / TRADE CONTRACTOR / SUBCONTRACTOR:

WORK DESCRIPTION, LOCATION:

Fire wall framing and drywall associated with VVCD 6, at purlin cavity

[illegible]

"Signature acknowledges labor, equipment, time and material used but does not change contractual obligations of either party."

C.D. SMITH CONSTRUCTION, INC.

CLIENT / TRADE CONTRACTOR / SUBCONTRACTOR

NAME
TITLE

NAME
TITLE



CDS JOB NO.	JOB NAME	CHANGE ORDER REQUEST NUMBER	DATE
240224-300	Mayville WWTF		4/1/2024

Fire wall framing and drywall associated with VVCD 6, at curtain cavity

"Signature acknowledges labor, equipment, time and material used but does not change contractual obligations of either party."

C.D. SMITH CONSTRUCTION, INC. **CLIENT / TRADE CONTRACTOR / SUBCONTRACTOR**

PAGE 1 OF 1
Page 53 of 238

FIELD ORDER #6 QUOTE REQUEST

Field Order No.: 6

Customer: C.D. Smith Construction, Inc.

Customer Representative: Karley Krupp

Customer Rep Phone #: 920-979-8756

Date: Friday December 8th 2025

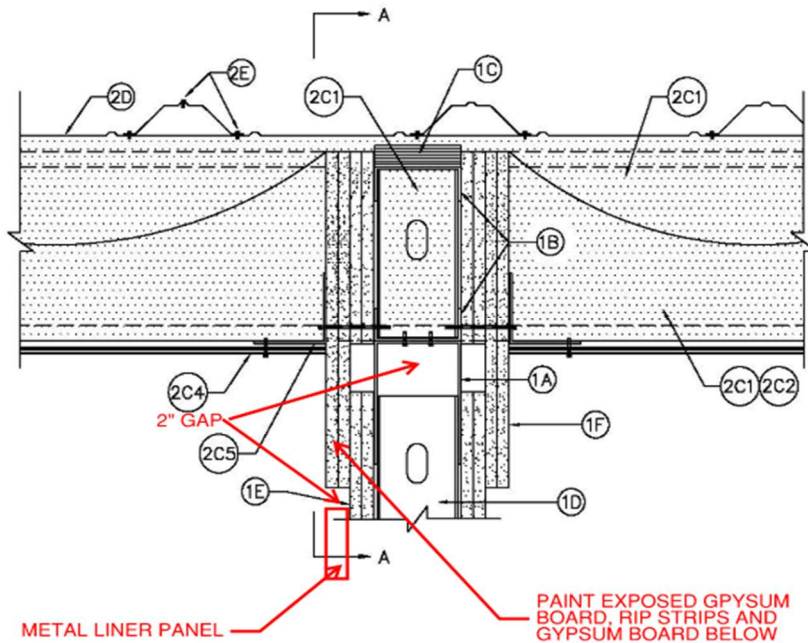
Redhawk Job#: 2015

Job Name: City of Mayville WWTF Upgrade

Description of Changes

The scope of work includes slicing the existing vapor barrier as required to access the purlin cavity and insulation. Insulation support banding will be terminated at new 3" x 5" x 14 ga. support angles installed on both sides of the fire-assembly wall. These angles will be fastened to 6" x 18 ga. steel stud supports (provided by others) installed between purlins at 48" O.C. Reattachment of vapor barrier when wall assembly is installed. This quote includes all applicable tax, freight, materials, equipment, labor and re-mobilization required to complete the work described above.

Additional Cost/Credit



TOTAL -----	\$ 10,750.00
--------------------	---------------------

Based on the listed changes, the construction time will be extended by approximately 3 working days.

Redhawk Metal Buildings LLC

Name: Tony Katarincic

Signature:



Date: 12/08/2025

WORK CHANGE DIRECTIVE NO.: 006

Owner: City of Mayville Owner's Project No.: 00052025
Engineer: MSA Professional Services, Inc. Engineer's Project No.: 00052028
Contractor: C.D. Smith Construction, Inc. Contractor's Project No.:
Project: City of Mayville WWTF Upgrade
Contract Name: General Construction
Date Issued: 10/8/2025 Effective Date of Work Change Directive: 10/8/2025

Contractor is directed to proceed promptly with the following change(s):

Description:

Revise fire barrier wall detail to allow the use of 3 5/8" metal stud and 2-hour rated joint at top of wall.

Attachments:

800A503, 800A505, CJ-D-0032

Purpose for the Work Change Directive:

Revise fire barrier wall detail to allow the use of 3 5/8" metal stud and 2-hour rated joint at top of wall.

Directive to proceed promptly with the Work described herein, prior to agreeing to change in Contract Price and Contract Time, is issued due to:

Notes to User—Check one or both of the following

☐ Non-agreement on pricing of proposed change. ☒ Necessity to proceed for schedule or other reasons.

Estimated Change in Contract Price and Contract Times (non-binding, preliminary):

Contract Price: \$ _____ [not yet estimated].

Contract Time: _____ days [not yet estimated].

Basis of estimated change in Contract Price:

☐ Lump Sum ☐ Unit Price ☐ Cost of the Work ☐ Other

Recommended by Architect

Authorized by Owner

By: Carter Arndt

Title: Project Architect

Date:

EJCDC® C-940, Work Change Directive.

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PROJECT DATE:	10/20/2020	DESIGN BY:	EA	DATE:	10/20/2020	DESIGNED BY:	EA	DATE:	10/20/2020	PROJECT NO:	00050205
DRAWN BY:	EA	DATE:	10/20/2020	CHECKED BY:	EA	DATE:	10/20/2020	PROJECT NO:	00050205	8004503	
PROJECT NAME:	WASTEWATER TREATMENT FACILITY UPGRADE										
PROJECT LOCATION:	CITY OF MAYVILLE										
PROJECT ADDRESS:	DOOGUE COUNTY, WI										
PROJECT ARCHITECT:	ADMINISTRATION BUILDING										
PROJECT ARCHITECT:	ARCHITECTURAL DETAILS										



MANUFACTURING AND CONSTRUCTION
7170 PARKWAY ST. JACOBSON, WI 53401
(800) 242-7778 www.msa.com

WASTEWATER TREATMENT FACILITY UPGRADE
CITY OF MAYVILLE
DOOGUE COUNTY, WI

ADMINISTRATION BUILDING
ARCHITECTURAL DETAILS

PROJECT NO:
00050205
8004503

SEE 18004506 AND 28004506 FOR FIRE BARRIER DETAILS

METAL ROOF
ROOF PURLIN
ROOF INSULATION

6" x 18 GAGE STEEL STUD AT 48" OC W/ 2" CLS
FASTENED TO PURLINS W/ 2" H2 TEK SCREWS EACH END OR METAL BUILDING FRAMING MEMBER AT 48" OC

#2 TEK SCREWS AT EACH FRAMING MEMBER

CONT SHIP BENT SHEET METAL ANGLE - 3" x 5" x 14 GAGE GALVANIZED STEEL

WALL TRACK

NO WALL SHEATHING FASTENERS AT THE TOP 7" OF THE WALL - BOTH SIDES OF THE WALL

1 INT WALL TO ROOF SLP CONNECTION TO WALL PARALLEL TO PURLINS

8004503 1 1/2" = 1'-0" (22"x34") 0 3" 6" 12" 18"

3/4" = 1'-0" (11"x17")

2 PERPENDICULAR TO PURLINS

8004503 1 1/2" = 1'-0" (22"x34") 0 3" 6" 12" 18"

3/4" = 1'-0" (11"x17")

3 2-HR WALL ASSEMBLY (UL-U419)

8004503 1 1/2" = 1'-0" (22"x34") 0 3" 6" 12" 18"

3/4" = 1'-0" (11"x17")

4 INTERIOR TOP OF WALL STUD BRACING

8004503 1 1/2" = 1'-0" (22"x34") 0 3" 6" 12" 18"

3/4" = 1'-0" (11"x17")

5 PRECAST PLANK AT CMU WALL

8004503 3" = 1'-0" (22"x34") 0 1 1/2" 3" 6" 9"

1 1/2" = 1'-0" (11"x17")

6 TYPICAL INTERIOR DOOR JAMB DETAIL

8004503 3" = 1'-0" (22"x34") 0 1 1/2" 3" 6" 9"

1 1/2" = 1'-0" (11"x17")

7 INTERIOR DOOR HEAD DETAIL AT MTL STUD

8004503 3" = 1'-0" (22"x34") 0 1 1/2" 3" 6" 9"

1 1/2" = 1'-0" (11"x17")

8 INTERIOR BASE OF METAL STUD WALL

8004503 3" = 1'-0" (22"x34") 0 1 1/2" 3" 6" 9"

1 1/2" = 1'-0" (11"x17")

9 INTERIOR WINDOW SILL DETAIL AT MTL STUD

8004503 3" = 1'-0" (22"x34") 0 1 1/2" 3" 6" 9"

1 1/2" = 1'-0" (11"x17")

10 INTERIOR WINDOW JAMB DETAIL AT MTL STUD

8004503 3" = 1'-0" (22"x34") 0 1 1/2" 3" 6" 9"

1 1/2" = 1'-0" (11"x17")

11 INTERIOR WINDOW HEAD DETAIL AT MTL STUD

8004503 3" = 1'-0" (22"x34") 0 1 1/2" 3" 6" 9"

1 1/2" = 1'-0" (11"x17")

① Coming October 20th, discover our sleek new design and powerful features. [Learn More](#)

UL Product iQ®



Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

XHBO - Continuity Head-of-wall Joint Systems

See General Information for Continuity Head-of-wall Joint Systems

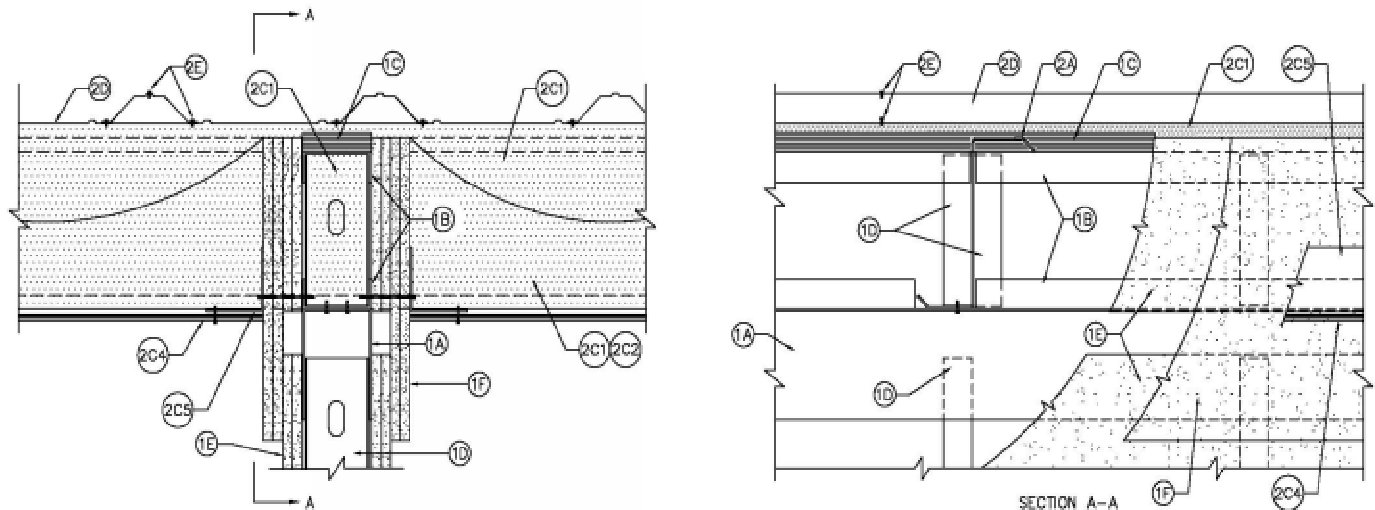
System No. **CJ-D-0032**

January 03, 2025

Joint Rating — 2 Hr

Nominal Joint Width — 2 in.

Class II or III Movement Capabilities — 100% Compression and Extension



1. Wall Assembly — The minimum 2 hr fire rated gypsum board/steel stud wall assembly shall be constructed of the materials and in the manner specified in the individual U400, V400 or W400 Series **Wall and Partition Design** in the UL Fire Resistance Directory and shall include the following construction features:

A. Ceiling Deflection Channel — U-shaped channel formed from min 16 ga steel sized to accommodate steel studs (Item 1D) and provided with nom 5 in. (127 mm) flanges. Deflection channel installed perpendicular to purlins (Item 2A) and secured to bottom flange of purlins (Item 2A) with min No. 14 self-tapping, hex-head, plated steel or stainless steel screws.

B. Steel Floor and Ceiling Runners — Floor runner of the wall assembly and the floor and ceiling runners of the cripple wall above the wall assembly shall consist of min 1-1/4 in. (32 mm) deep min 25 ga galv steel channels sized to accommodate steel studs (Item 1D). Floor runner of cripple wall aligned with and screw-attached to top of ceiling deflection channel (Item 1A). Ceiling runner of cripple wall installed to compress unfaced batts and blankets (Item 2C1) to nom thickness of 3/8 in. (10 mm) by wedging lengths of stud (Item 1D) between the runners. Steel studs (Item 1D) of cripple wall attached to each side of purlin (Item 2A) web and to floor and ceiling runners with steel screws.

C. Batts and Blankets* - Packing Material — Unfaced compressible mineral wool batt insulation having a nom 2 in. (51 mm) thickness before compression and a nom density of 4 pcf (64 kg/m³). Strips of nom 2 in. (51 mm) thick batt cut to width of cripple wall ceiling runner (Item 1B) and compressed min 50 percent in thickness between cripple wall ceiling runner (Item 1B) and unfaced batts and blankets (Item 2C1). Compression of mineral wool batt packing material to result in compression of unfaced batts and blankets (Item 2C1) to nom 3/8 in. (10 mm) thickness.

See **Batts and Blankets (BZJZ)** category in the UL Fire Resistance Directory or **Batts and Blankets (BKNV)** category in the UL Building Materials Directory for names of manufacturers.

D. Studs — Steel studs to be min 3-1/2 in. (89 mm) wide. Studs cut max 2 in. (51 mm) less in length than the wall assembly height beneath purlins (Item 2A) with bottom nesting in and resting on the floor runner (Item 1B) and with top nesting in ceiling deflection channel (Item 1A) without attachment. Stud spacing not to exceed 24 in. (610 mm) O.C. Studs of cripple wall cut to length as required to compress packing material (Item 1C) and unfaced batts and blankets (Item 2C1) to nom thicknesses of 1 in. (25 mm) and 3/8 in. (10 mm), respectively. Studs spaced max 24 in. (610 mm) OC.

E. Gypsum Board* — Min two layers of 5/8 in. (16 mm) thick gypsum board sheets installed on each side of wall. Wall to be constructed as specified in the individual U400, V400 or W400 Series Design in the UL Fire Resistance Directory except that a max 2 in. (51 mm) wide gap shall be maintained between the gypsum board of the wall assembly below the purlin (Item 2A) and the gypsum board of the cripple wall. Top edge of gypsum board of wall assembly to be max 2 in. (51 mm) below top of ceiling deflection channel (Item 1A). Bottom edge of gypsum board of cripple wall to be flush with top of ceiling deflection channel (Item 1A). Screws securing gypsum board to steel studs (Item 1D) of wall assembly to be located 2-1/4 in. to 2-1/2 in. (57 to 64 mm) below flange of ceiling deflection channel (Item 1A). Screws securing gypsum board of cripple wall to be driven into studs (Item 1D) and runners (Item 1B) of cripple wall. No screws are to be driven into flanges of ceiling deflection channel (Item 1A).

F. Gypsum Board* — Min two layers of 5/8 in. (16 mm) thick "rip strip" of gypsum board installed to cover both layers of gypsum board on cripple wall and to lap min 4 in. (102 mm) onto gypsum board of wall assembly on each side of wall. The "rip strip" of gypsum board is to be the same material used for the wall assembly (Item 1E) and is to be secured to the studs (Item 1D) and runners (Item 1B) of the cripple wall. No screws are to be driven into flanges of ceiling deflection channel (Item 1A). Joints of "rip strip" to be offset from joints of gypsum board on wall assembly (Item 1E).

See **Gypsum Board (CKNX)** category in the **Fire Resistance Directory** for names of manufacturers.

Max separation between top of wall assembly gypsum board and bottom of cripple wall gypsum board (at time of installation of joint system) is 2 in. (51 mm). The joint system is designed to accommodate a max 100 percent compression or extension from its installed width.

2. Nonrated Horizontal Assembly — The nonrated horizontal assembly shall be constructed of the materials and in the manner described in the individual **Roof Deck Constructions** (TGKX) in the UL Roofing Materials and Systems Directory and shall include the following construction features:

A. Purlin — Min 16 ga coated steel. Max spacing as specified in the individual **Roof Deck Constructions** (TGKX).

B. Lateral Bracing — (Not Shown) - As required.

C1. Unfaced Batts and Blankets* — Used in two layers or one layer in combination with faced batts and blankets (Item 2C2). Any unfaced glass fiber batt material or mineral wool insulation bearing the UL Classification marking having a min 6 in. (152 mm) thickness before compression and a min density of 0.6 pcf (9.6 kg/m³). Insulation draped over purlins prior to installation of panel clips (Item 2F) and/or metal roof deck panels (Item 2D). Side edges of the batts shall be butted or overlapped a max of 3 in. (76 mm).

See **Batts and Blankets (BZJZ)** Category in UL Fire Resistance Directory or **Batts and Blankets (BKNV)** in the UL Building Materials Directory for list of Classified Companies.

C2. Faced Batts and Blankets* — Used in combination with unfaced batts and blankets (Item 2C1). Any faced glass fiber batt material or mineral wool insulation bearing the UL Classification marking.

See **Batts and Blankets (BZJZ)** Category in UL Fire Resistance Directory or **Batts and Blankets (BKNV)** in the UL Building Materials Directory for list of Classified Companies.

C3. Vapor Retarder Fabric* — (Not Shown) - Used only with two layers of unfaced batts and blankets (Item 2C1), as specified in the respective insulation system, and continuously sealed to wall angle (Item 2C5).

C4. Steel Banding — Fastened to wall angle (Item 2C5). As specified in the respective insulation system.

C5. Wall Angle — Galv steel angle with 2 in. legs, No. 20 MSG (0.0329 in., min bare metal thickness), attached to wall with fasteners at every stud (Item 1D) to support vapor retarder fabric (Item 2C3) and steel banding (Item 2C4).

D. Metal Roof Deck Panels* — Min 26 ga coated steel. Panels continuous over two or more spans. Roof panel end laps, if required, centered over purlins (Item 2A) with min 3 in. (76 mm) panel overlap as specified in the individual **Roof Deck Constructions** (TGKX). A line of tube sealant or tape sealant may be used at panel end and side laps.

See **Metal Roof Deck Panels** (TJPV) category in the UL Roofing Materials and Systems Directory for names of manufacturers.

E. Fasteners — Fasteners used for panel-to-purlin and panel-to-panel connections to be self-tapping, hex-head, plated steel or stainless steel screws with either an integral or a separate steel washer fitted with a compressible sealing washer. Fastener type, length, pilot hole diam and spacing to be as specified in the individual **Roof Deck Constructions** (TGKX).

F. Roof Deck Fasteners* - Panel Clips — (Not Shown) - Panel clips used for panel-to-purlin connections to be secured to purlin (Item 2A) through insulation as specified in the individual **Roof Deck Constructions** (TGKX).

See **Roof Deck Fasteners** (TLSX) category in the UL Roofing Materials and Systems Directory for names of manufacturers.

G. Thermal Spacer Blocks — (Not Shown) - Expanded polystyrene strips cut to fit between panel clips (Item 2F) as specified in the individual **Roof Deck Constructions** (TGKX). Thermal spacer blocks, when used, are to be installed between unfaced batts and blankets (Item 2C1) and metal roof deck panels (Item 2D) over purlins (Item 2A).

3. Fill, Void or Cavity Material* (XHHW) — Caulk — (Not Shown) - Min 5/8 in. (16 mm) thickness of fill material installed to fill any gap between top of cripple wall gypsum board (Item 1E) and unfaced batts and blankets (Item 2C1) on each side of the wall. Additional sealant installed to fill annular space between purlin (Item 2A) and gypsum board "rip strip" (Item 1F) on both sides of wall. Additional nom 1/2 in. (13 mm) diam bead of sealant to be applied around perimeter of purlin at its interface with the "rip strip" (Item 1F) on each side of the wall.

3M COMPANY 3M FIRE PROTECTION PRODUCTS — CP 25WB+ Caulk

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2025-01-03

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WORK CHANGE DIRECTIVE NO.: 006

Owner: City of Mayville Owner's Project No.: 00052025
Engineer: MSA Professional Services, Inc. Engineer's Project No.: 00052028
Contractor: C.D. Smith Construction, Inc. Contractor's Project No.:
Project: City of Mayville WWTF Upgrade
Contract Name: General Construction
Date Issued: 10/8/2025 Effective Date of Work Change Directive: 10/8/2025

Contractor is directed to proceed promptly with the following change(s):

Description:

Revise fire barrier wall detail to allow the use of 3 5/8" metal stud and 2-hour rated joint at top of wall.

Attachments:

800A503, 800A505, CJ-D-0032

Purpose for the Work Change Directive:

Revise fire barrier wall detail to allow the use of 3 5/8" metal stud and 2-hour rated joint at top of wall.

Directive to proceed promptly with the Work described herein, prior to agreeing to change in Contract Price and Contract Time, is issued due to:

Notes to User—Check one or both of the following

☐ Non-agreement on pricing of proposed change. ☒ Necessity to proceed for schedule or other reasons.

Estimated Change in Contract Price and Contract Times (non-binding, preliminary):

Contract Price: \$ [not yet estimated].

Contract Time: _____ days [not yet estimated].

Basis of estimated change in Contract Price:

☐ Lump Sum ☐ Unit Price ☐ Cost of the Work ☐ Other

City Signed for Work Not to Exceed \$36,909.93 on T&M basis.

Recommended by Architect

By: Carter Arndt

Title: Project Architect

Date:

Authorized by Owner



Mayor

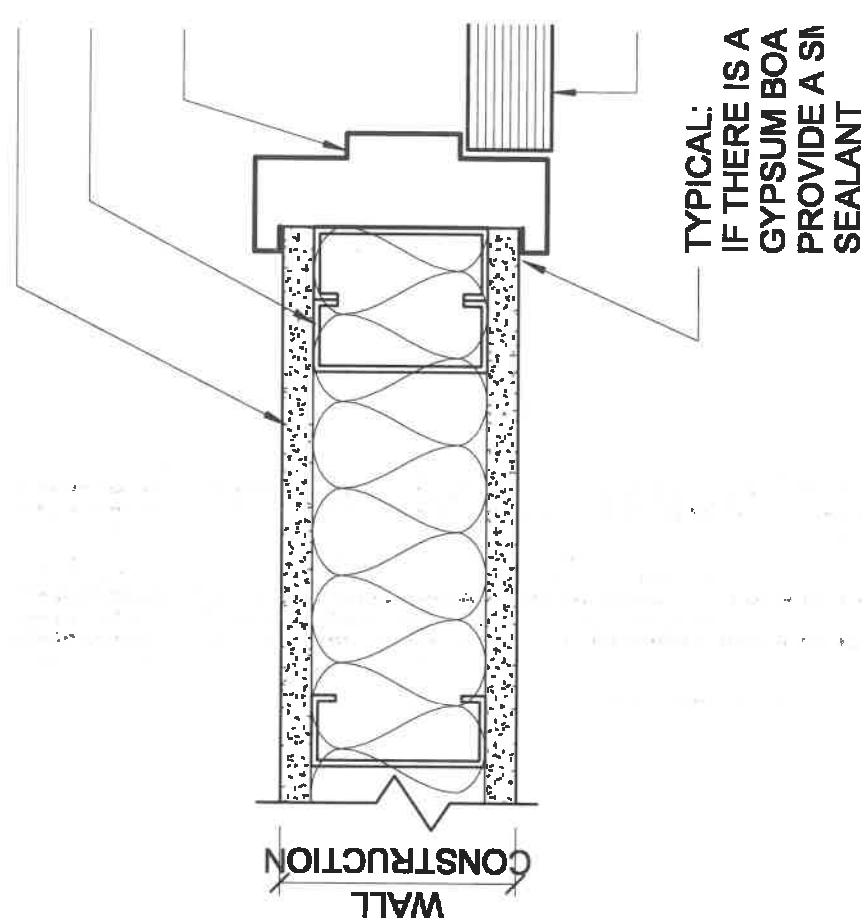
2/18/26

EJCDC® C-940, Work Change Directive.

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Page 1 of 2

800A503 1 1/2" = 1' 3/4" = 1'



**TYPICAL:
IF THERE IS A
GYPSUM BOA
PROVIDE A S
SEALANT**

6 TYPICAL INTERIOR DOOR JAMB DETAIL

800A503	3" = 1'-0"	(22"x34")	0	1 1/2"	3"	6"	9"
1 1/2"	= 1'-0"	(11"x17")					

GLAZING

C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935
Phone: 1 920 924.2900

Project: 240224 - Mayville WWTF 2024 Upgrade
400 Kekoskee Street
Mayville, WI 53050

Potential Change Item #COR0012

Work Change Directive No. 6 - Fire Barrier Wall Detail

To:	City Of Mayville 15 S School Street Mayville, WI 53050	From:	C.D. Smith Construction, Inc. 125 Camelot Drive Fond du Lac WI, 54935
Status:	Pricing-No Forecast	Created Date	2025-12-10
Schedule Impact:	4	OCO Number:	

POTENTIAL CHANGE ITEM SCOPE DESCRIPTION: *(The Contract Is Changed As Follows)*

Revise Fire Barrier Wall Detail to Allow the Use of 3 5/8" Metal Stud and 2-Hour Rated Joint at Top of Wall

ATTACHMENTS:

Description	Cost Code	Category	Quantity	W/M	Rate	Final Amount
Red Hawk - Metal Building	133423	S		LS	\$	\$10,750.00
Carpentry Material - Studs	060000	M	200	LF	\$5.7	\$1,425.00
Carpentry Material - Drywall	060000	M	16	EA	\$20	\$320.00
Carpentry Labor - Drywall	061000	L	64	HR	\$97.2	\$7,776.00
Carpentry Labor - Steel Studs	054000	L	128	HR	\$97.2	\$12,441.60
Bond:						\$365.44
Self Perform Markup:						\$3,294.39
Subcontract Markup (5%):						\$537.50
Grand Total:						\$36,909.93

City Of Mayville
15 S School Street
Mayville, WI 53050

C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935

Karley Krupp
Digitally signed by Karley Krupp
Date: 2026.01.21 13:51:30-0600

SIGNATURE

DATE

SIGNATURE

DATE



FIELD ORDER #6 QUOTE REQUEST

Field Order No.: 6

Customer: C.D. Smith Construction, Inc.

Customer Representative: Karley Krupp

Customer Rep Phone #:920-979-8756

Description of Changes

The scope of work includes slicing the existing vapor barrier as required to access the purlin cavity and insulation. Insulation support banding will be terminated at new 3" x 5" x 14 ga. support angles installed on both sides of the fire-assembly wall. These angles will be fastened to 6" x 18 ga. steel stud supports (provided by others) installed between purlins at 48" O.C. Reattachment of vapor barrier when wall assembly is installed.

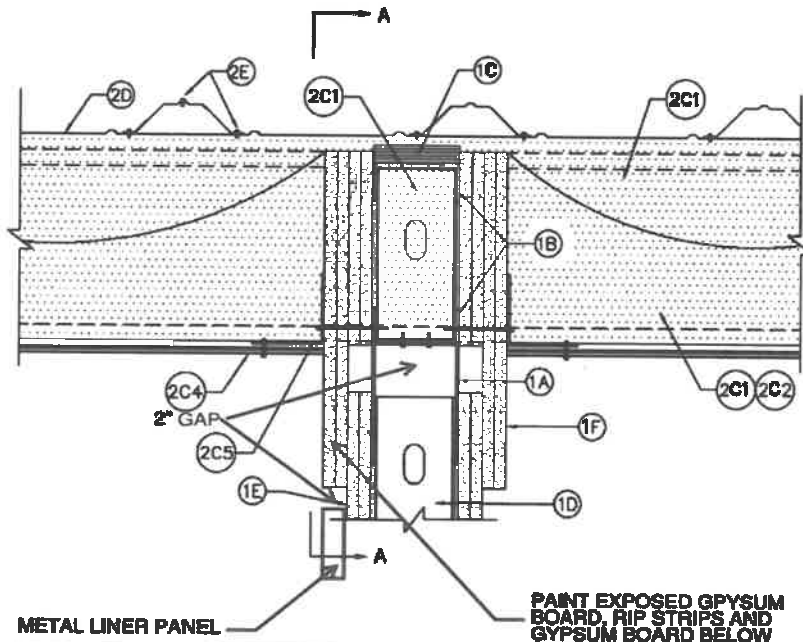
This quote includes all applicable tax, freight, materials, equipment, labor and re-mobilization required to complete the work described above.

Date: Friday December 8th 2025

Redhawk Job#: 2015

Job Name: City of Mayville WWTF Upgrade

Additional Cost/Credit



TOTAL	\$ 10,750.00
--------------	---------------------

Based on the listed changes, the construction time will be extended by approximately 3 working days.

Redhawk Metal Buildings LLC

Name: Tony Katarincic

Signature:

Date: 12/08/2025



① Coming October 20th, discover our sleek new design and powerful features. [Learn More](#)

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- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

XHBO - Continuity Head-of-wall Joint Systems

[See General Information for Continuity Head-of-wall Joint Systems](#)

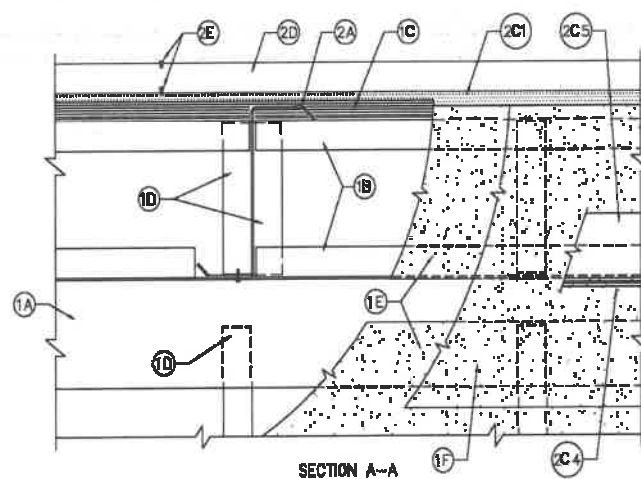
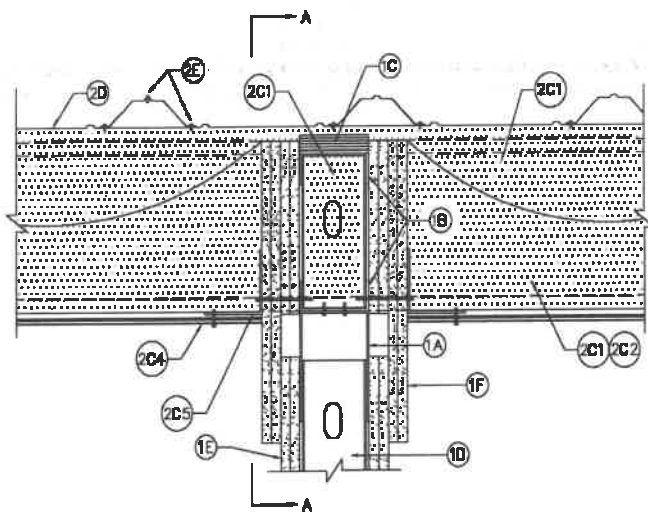
System No. **CJ-D-0032**

January 03, 2025

Joint Rating — 2 Hr

Nominal Joint Width — 2 in.

Class II or III Movement Capabilities — 100% Compression and Extension



1. Wall Assembly — The minimum 2 hr fire rated gypsum board/steel stud wall assembly shall be constructed of the materials and in the manner specified in the individual U400, V400 or W400 Series **Wall and Partition Design** in the UL Fire Resistance Directory and shall include the following construction features:

A. Ceiling Deflection Channel — U-shaped channel formed from min 16 ga steel sized to accommodate steel studs (Item 1D) and provided with nom 5 in. (127 mm) flanges. Deflection channel installed perpendicular to purlins (Item 2A) and secured to bottom flange of purlins (Item 2A) with min No. 14 self-tapping, hex-head, plated steel or stainless steel screws.

B. Steel Floor and Ceiling Runners — Floor runner of the wall assembly and the floor and ceiling runners of the cripple wall above the wall assembly shall consist of min 1-1/4 in. (32 mm) deep min 25 ga galv steel channels sized to accommodate steel studs (Item 1D). Floor runner of cripple wall aligned with and screw-attached to top of ceiling deflection channel (Item 1A). Ceiling runner of cripple wall installed to compress unfaced batts and blankets (Item 2C1) to nom thickness of 3/8 in. (10 mm) by wedging lengths of stud (Item 1D) between the runners. Steel studs (Item 1D) of cripple wall attached to each side of purlin (Item 2A) web and to floor and ceiling runners with steel screws.

C. Batts and Blankets* - Packing Material — Unfaced compressible mineral wool batt insulation having a nom 2 in. (51 mm) thickness before compression and a nom density of 4 pcf (64 kg/m³). Strips of nom 2 in. (51 mm) thick batt cut to width of cripple wall ceiling runner (Item 1B) and compressed min 50 percent in thickness between cripple wall ceiling runner (Item 1B) and unfaced batts and blankets (Item 2C1). Compression of mineral wool batt packing material to result in compression of unfaced batts and blankets (Item 2C1) to nom 3/8 in. (10 mm) thickness.

See **Batts and Blankets (BZJZ)** category in the UL Fire Resistance Directory or **Batts and Blankets (BKNV)** category in the UL Building Materials Directory for names of manufacturers.

D. Studs — Steel studs to be min 3-1/2 in. (89 mm) wide. Studs cut max 2 in. (51 mm) less in length than the wall assembly height beneath purlins (Item 2A) with bottom nesting in and resting on the floor runner (Item 1B) and with top nesting in ceiling deflection channel (Item 1A) without attachment. Stud spacing not to exceed 24 in. (610 mm) O.C. Studs of cripple wall cut to length as required to compress packing material (Item 1C) and unfaced batts and blankets (Item 2C1) to nom thicknesses of 1 in. (25 mm) and 3/8 in. (10 mm), respectively. Studs spaced max 24 in. (610 mm) OC.

E. Gypsum Board* — Min two layers of 5/8 in. (16 mm) thick gypsum board sheets installed on each side of wall. Wall to be constructed as specified in the individual U400, V400 or W400 Series Design in the UL Fire Resistance Directory except that a max 2 in. (51 mm) wide gap shall be maintained between the gypsum board of the wall assembly below the purlin (Item 2A) and the gypsum board of the cripple wall. Top edge of gypsum board of wall assembly to be max 2 in. (51 mm) below top of ceiling deflection channel (Item 1A). Bottom edge of gypsum board of cripple wall to be flush with top of ceiling deflection channel (Item 1A). Screws securing gypsum board to steel studs (Item 1D) of wall assembly to be located 2-1/4 in. to 2-1/2 in. (57 to 64 mm) below flange of ceiling deflection channel (Item 1A). Screws securing gypsum board of cripple wall to be driven into studs (Item 1D) and runners (Item 1B) of cripple wall. No screws are to be driven into flanges of ceiling deflection channel (Item 1A).

F. Gypsum Board* — Min two layers of 5/8 in. (16 mm) thick "rip strip" of gypsum board installed to cover both layers of gypsum board on cripple wall and to lap min 4 in. (102 mm) onto gypsum board of wall assembly on each side of wall. The "rip strip" of gypsum board is to be the same material used for the wall assembly (Item 1E) and is to be secured to the studs (Item 1D) and runners (Item 1B) of the cripple wall. No screws are to be driven into flanges of ceiling deflection channel (Item 1A). Joints of "rip strip" to be offset from joints of gypsum board on wall assembly (Item 1E).

See Gypsum Board (CKNX) category in the Fire Resistance Directory for names of manufacturers.

Max separation between top of wall assembly gypsum board and bottom of cripple wall gypsum board (at time of installation of joint system) is 2 in. (51 mm). The joint system is designed to accommodate a max 100 percent compression or extension from its installed width.

2. Nonrated Horizontal Assembly — The nonrated horizontal assembly shall be constructed of the materials and in the manner described in the individual **Roof Deck Constructions** (TGKX) in the UL Roofing Materials and Systems Directory and shall include the following construction features:

A. Purlin — Min 16 ga coated steel. Max spacing as specified in the individual **Roof Deck Constructions** (TGKX).

B. Lateral Bracing — (Not Shown) - As required.

C1. Unfaced Batts and Blankets* — Used in two layers or one layer in combination with faced batts and blankets (Item 2C2). Any unfaced glass fiber batt material or mineral wool insulation bearing the UL Classification marking having a min 6 in. (152 mm) thickness before compression and a min density of 0.6 pcf (9.6 kg/m³). Insulation draped over purlins prior to installation of panel clips (Item 2F) and/or metal roof deck panels (Item 2D). Side edges of the batts shall be butted or overlapped a max of 3 in. (76 mm).

See **Batts and Blankets** (BZJZ) Category in UL Fire Resistance Directory or **Batts and Blankets** (BKNV) in the UL Building Materials Directory for list of Classified Companies.

C2. Faced Batts and Blankets* — Used in combination with unfaced batts and blankets (Item 2C1). Any faced glass fiber batt material or mineral wool insulation bearing the UL Classification marking.

See **Batts and Blankets** (BZJZ) Category in UL Fire Resistance Directory or **Batts and Blankets** (BKNV) in the UL Building Materials Directory for list of Classified Companies.

C3. Vapor Retarder Fabric* — (Not Shown) - Used only with two layers of unfaced batts and blankets (Item 2C1), as specified in the respective insulation system, and continuously sealed to wall angle (Item 2C5).

C4. Steel Banding — Fastened to wall angle (Item 2C5). As specified in the respective insulation system.

C5. Wall Angle — Galv steel angle with 2 in. legs, No. 20 MSG (0.0329 in., min bare metal thickness), attached to wall with fasteners at every stud (Item 1D) to support vapor retarder fabric (Item 2C3) and steel banding (Item 2C4).

D. Metal Roof Deck Panels* — Min 26 ga coated steel. Panels continuous over two or more spans. Roof panel end laps, if required, centered over purlins (Item 2A) with min 3 in. (76 mm) panel overlap as specified in the individual **Roof Deck Constructions** (TGKX). A line of tube sealant or tape sealant may be used at panel end and side laps.

See **Metal Roof Deck Panels (TJPV)** category in the UL Roofing Materials and Systems Directory for names of manufacturers.

E. Fasteners — Fasteners used for panel-to-purlin and panel-to-panel connections to be self-tapping, hex-head, plated steel or stainless steel screws with either an integral or a separate steel washer fitted with a compressible sealing washer. Fastener type, length, pilot hole diam and spacing to be as specified in the individual **Roof Deck Constructions (TGKX)**.

F. Roof Deck Fasteners* - Panel Clips — (Not Shown) - Panel clips used for panel-to-purlin connections to be secured to purlin (Item 2A) through insulation as specified in the individual **Roof Deck Constructions (TGKX)**.

See **Roof Deck Fasteners (TLSX)** category in the UL Roofing Materials and Systems Directory for names of manufacturers.

G. Thermal Spacer Blocks — (Not Shown) - Expanded polystyrene strips cut to fit between panel clips (Item 2F) as specified in the individual **Roof Deck Constructions (TGKX)**. Thermal spacer blocks, when used, are to be installed between unfaced batts and blankets (Item 2C1) and metal roof deck panels (Item 2D) over purlins (Item 2A).

3. Fill, Void or Cavity Material* (XHHW) — Caulk — (Not Shown) - Min 5/8 in. (16 mm) thickness of fill material installed to fill any gap between top of cripple wall gypsum board (Item 1E) and unfaced batts and blankets (Item 2C1) on each side of the wall. Additional sealant installed to fill annular space between purlin (Item 2A) and gypsum board "rip strip" (Item 1F) on both sides of wall. Additional nom 1/2 in. (13 mm) diam bead of sealant to be applied around perimeter of purlin at its interface with the "rip strip" (Item 1F) on each side of the wall.

3M COMPANY 3M FIRE PROTECTION PRODUCTS — CP 25WB+ Caulk

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2025-01-03

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COR 016 - Response to FO 07
STR 800 Wall Intersection and Transition Details
(Fire Caulking)



PCI #COR0016

C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935
Phone: 1 920 924.2900

Project: 240224 - Mayville WWTF 2024 Upgrade
400 Kekoskee Street
Mayville, WI 53050

Potential Change Item #COR0016

Field Order No. 06 - Str. 800 Wall Intersection and Transition Details

To: City Of Mayville
15 S School Street
Mayville, WI 53050

From: C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935

Status: Pricing-No Forecast
Schedule Impact:

Created Date: 2026-01-21
OCO Number:

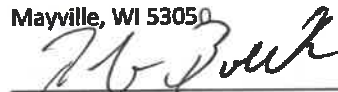
POTENTIAL CHANGE ITEM SCOPE DESCRIPTION: *(The Contract Is Changed As Follows)*

Provide Firestopping per Details Distributed in FO 06 and WCD 06.

ATTACHMENTS:

Description	Cost Code	Category	Quantity	W/M	Rate	Final Amount
Caulking	079000	S		LS	\$	\$13,040.00
Bond:						\$136.92
Subcontract Markup (5%):						\$652.00
Grand Total:						\$13,828.92

City Of Mayville
15 S School Street
Mayville, WI 53050



SIGNATURE

DATE

C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935

Karley Krupp

Digitally signed by Karley Krupp
Date: 2026.04.02 14:38:56 -0500

SIGNATURE



DATE



Proposal

Date: April 1, 2026

JOB NAME: Mayville WWTF

Proposal Submitted to:
CD Smith

Attn: Cory Flesch
cflesch@csmith.com

From: Dwight Drescher (414)406-6131
dwight@sidssealants.com
Sid's SEALANTS, LLC
PO Box 347 Port Washington, WI 53074
Sid (414)350-8215 sid@sidssealants.com

**We propose to Furnish & Install Fire Rated Sealant at the CMU Top of Wall
-includes Beam Pockets & Mineral Wool**

Cost would be: \$13,040.00

ABAA licensed, Tremco certified applicator and BAC local 8 member.

Sid's Sealants will supply all materials and equipment to complete this project. This estimate includes the materials and tools for proper installation. Work to start upon approval and be performed in a workmanlike timely manner. Lift equipment costs are applicable if lift is not provided by Contractor/Owner. Dumpster and electricity supplied by others. The installation of air barrier and caulk is weather permitting and requires ample time for substrate to dry after precipitation per manufacturers specifications not following this voids any warranty. This Proposal does not include third party testing costs. Estimate may not be split unless prior contact is made and agreed in writing. Additional insured are subject to \$250.00 charge per insured. Additional insured endorsements (CG2010 10/01 & CG2037 10/01) cost will be \$300/Each (est) a year.

WE PROPOSE to furnish material and labor, complete in accordance with the above specification, for the sum of:

See Description Above

DOLLARS (\$See Above)

It is agreed that the buyer(s) signature(s) appears(s) below will pay for all purchases within terms of NET 30. TERMS ARE SET FROM THE DATE OF THE INVOICE.

In the event of nonpayment or late payment, the buyer(s) further agree(s) to pay a late payment service charge at the rate of 1.5% per month on all past due balances. Should collection action become necessary, the buyer(s) agree(s) that he/she/they will pay all costs and expenses of the collection action in addition to all unpaid balances at that time. Said costs are to include reasonable legal fees. Taxes on materials not included and will be an added line item.

This proposal may be withdrawn if a signed acceptance is not received by Sid's Sealants within 30 days from the date of the proposal.

Sid Arthur, Sole Member

ACCEPTANCE OF PROPOSAL:

The buyer(s), as undersigned, individually and as an owner or an officer of the company, has/have read, understand(s) and agree(s) to all of the above, and his/her/their signature(s) below attest(s) thereto.

Date of Acceptance: _____

Signature: _____

Signature: _____

FIELD ORDER NO.: 006

Owner:	City of Mayville	Owner's Project No.:	00052025
Engineer:	MSA Professional Services, Inc.	Engineer's Project No.:	00052028
Contractor:	C.D. Smith Construction, Inc.	Contractor's Project No.:	
Project:	City of Mayville WWTF Upgrade		
Contract Name:	General Construction		
Date Issued:	November 25, 2025	Effective Date of Field Order:	November 25, 2025

Contractor is hereby directed to promptly perform the Work described in this Field Order, issued in accordance with Paragraph 11.04 of the General Conditions, for minor changes in the Work without changes in Contract Price or Contract Times. If Contractor considers that a change in Contract Price or Contract Times is required, submit a Change Proposal before proceeding with this Work.

Reference:

Drawing(s) / Detail(s): 800A503, 800A504, CJ-D-0032

Description:

All firestopping shall be provided in accordance to specification section 07 84 00 - Firestopping. Details provide clarification for fire stopping locations and spacing for wall finish termination at the top of fire barrier.

Attachments:

800A503, 800A504, CJ-D-0032

Issued by Engineer

By:	Carter Arndt
Title:	Senior Project Architect
Date:	11/24/2025

EJCDC® C-942, Field Order.

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Page 1 of 1

① Coming October 20th, discover our sleek new design and powerful features. [Learn More](#)

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- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

XHBO - Continuity Head-of-wall Joint Systems

See General Information for Continuity Head-of-wall Joint Systems

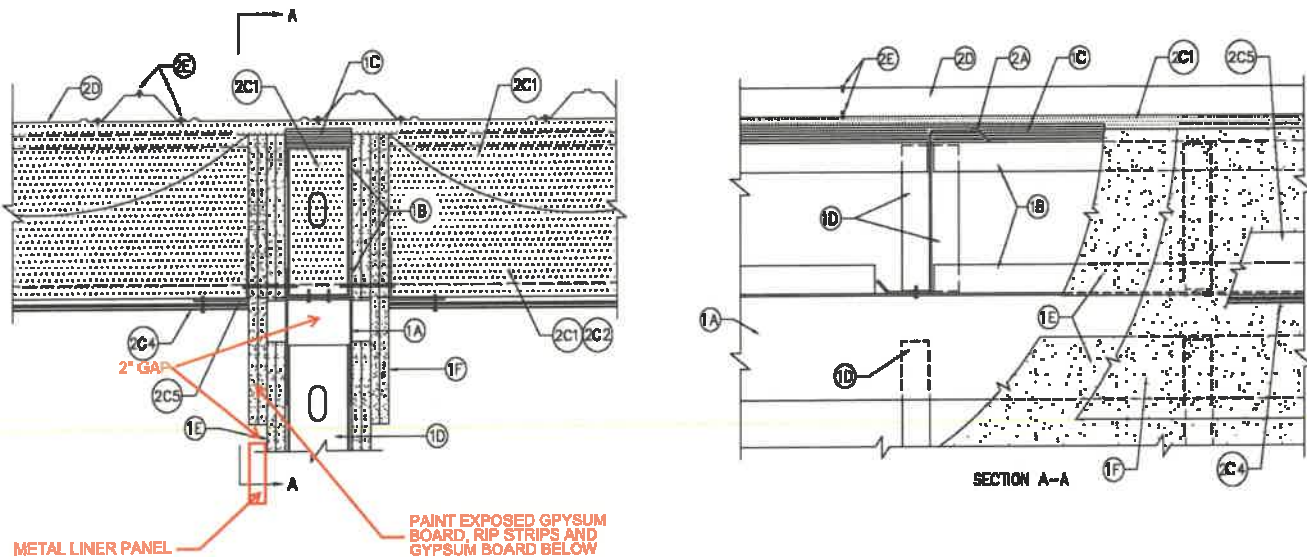
System No. **CJ-D-0032**

January 03, 2025

Joint Rating — 2 Hr

Nominal Joint Width — 2 in.

Class II or III Movement Capabilities — 100% Compression and Extension



1. Wall Assembly — The minimum 2 hr fire rated gypsum board/steel stud wall assembly shall be constructed of the materials and in the manner specified in the individual U400, V400 or W400 Series **Wall and Partition Design** in the UL Fire Resistance Directory and shall include the following construction features:

A. Ceiling Deflection Channel — U-shaped channel formed from min 16 ga steel sized to accommodate steel studs (Item 1D) and provided with nom 5 in. (127 mm) flanges. Deflection channel installed perpendicular to purlins (Item 2A) and secured to bottom flange of purlins (Item 2A) with min No. 14 self-tapping, hex-head, plated steel or stainless steel screws.

B. Steel Floor and Ceiling Runners — Floor runner of the wall assembly and the floor and ceiling runners of the cripple wall above the wall assembly shall consist of min 1-1/4 in. (32 mm) deep min 25 ga galv steel channels sized to accommodate steel studs (Item 1D). Floor runner of cripple wall aligned with and screw-attached to top of ceiling deflection channel (Item 1A). Ceiling runner of cripple wall installed to compress unfaced batts and blankets (Item 2C1) to nom thickness of 3/8 in. (10 mm) by wedging lengths of stud (Item 1D) between the runners. Steel studs (Item 1D) of cripple wall attached to each side of purlin (Item 2A) web and to floor and ceiling runners with steel screws.

C. Batts and Blankets* - Packing Material — Unfaced compressible mineral wool batt insulation having a nom 2 in. (51 mm) thickness before compression and a nom density of 4 pcf (64 kg/m³). Strips of nom 2 in. (51 mm) thick batt cut to width of cripple wall ceiling runner (Item 1B) and compressed min 50 percent in thickness between cripple wall ceiling runner (Item 1B) and unfaced batts and blankets (Item 2C1). Compression of mineral wool batt packing material to result in compression of unfaced batts and blankets (Item 2C1) to nom 3/8 in. (10 mm) thickness.

See **Batts and Blankets (BZJZ)** category in the UL Fire Resistance Directory or **Batts and Blankets (BKNV)** category in the UL Building Materials Directory for names of manufacturers.

D. Studs — Steel studs to be min 3-1/2 in. (89 mm) wide. Studs cut max 2 in. (51 mm) less in length than the wall assembly height beneath purlins (Item 2A) with bottom nesting in and resting on the floor runner (Item 1B) and with top nesting in ceiling deflection channel (Item 1A) without attachment. Stud spacing not to exceed 24 in. (610 mm) O.C. Studs of cripple wall cut to length as required to compress packing material (Item 1C) and unfaced batts and blankets (Item 2C1) to nom thicknesses of 1 in. (25 mm) and 3/8 in. (10 mm), respectively. Studs spaced max 24 in. (610 mm) OC.

E. Gypsum Board* — Min two layers of 5/8 in. (16 mm) thick gypsum board sheets installed on each side of wall. Wall to be constructed as specified in the individual U400, V400 or W400 Series Design in the UL Fire Resistance Directory except that a max 2 in. (51 mm) wide gap shall be maintained between the gypsum board of the wall assembly below the purlin (Item 2A) and the gypsum board of the cripple wall. Top edge of gypsum board of wall assembly to be max 2 in. (51 mm) below top of ceiling deflection channel (Item 1A). Bottom edge of gypsum board of cripple wall to be flush with top of ceiling deflection channel (Item 1A). Screws securing gypsum board to steel studs (Item 1D) of wall assembly to be located 2-1/4 in. to 2-1/2 in. (57 to 64 mm) below flange of ceiling deflection channel (Item 1A). Screws securing gypsum board of cripple wall to be driven into studs (Item 1D) and runners (Item 1B) of cripple wall. No screws are to be driven into flanges of ceiling deflection channel (Item 1A).

F. Gypsum Board* — Min two layers of 5/8 in. (16 mm) thick "rip strip" of gypsum board installed to cover both layers of gypsum board on cripple wall and to lap min 4 in. (102 mm) onto gypsum board of wall assembly on each side of wall. The "rip strip" of gypsum board is to be the same material used for the wall assembly (Item 1E) and is to be secured to the studs (Item 1D) and runners (Item 1B) of the cripple wall. No screws are to be driven into flanges of ceiling deflection channel (Item 1A). Joints of "rip strip" to be offset from joints of gypsum board on wall assembly (Item 1E).

See Gypsum Board (CKNX) category in the Fire Resistance Directory for names of manufacturers.

Max separation between top of wall assembly gypsum board and bottom of cripple wall gypsum board (at time of installation of joint system) is 2 in. (51 mm). The joint system is designed to accommodate a max 100 percent compression or extension from its installed width.

2. Nonrated Horizontal Assembly — The nonrated horizontal assembly shall be constructed of the materials and in the manner described in the individual **Roof Deck Constructions** (TGKX) in the UL Roofing Materials and Systems Directory and shall include the following construction features:

A. Purlin — Min 16 ga coated steel. Max spacing as specified in the individual **Roof Deck Constructions** (TGKX).

B. Lateral Bracing — (Not Shown) - As required.

C1. Unfaced Batts and Blankets* — Used in two layers or one layer in combination with faced batts and blankets (Item 2C2). Any unfaced glass fiber batt material or mineral wool insulation bearing the UL Classification marking having a min 6 in. (152 mm) thickness before compression and a min density of 0.6 pcf (9.6 kg/m³). Insulation draped over purlins prior to installation of panel clips (Item 2F) and/or metal roof deck panels (Item 2D). Side edges of the batts shall be butted or overlapped a max of 3 in. (76 mm).

See Batts and Blankets (BZJZ) Category in UL Fire Resistance Directory or Batts and Blankets (BKNV) in the UL Building Materials Directory for list of Classified Companies.

C2. Faced Batts and Blankets* — Used in combination with unfaced batts and blankets (Item 2C1). Any faced glass fiber batt material or mineral wool insulation bearing the UL Classification marking.

See Batts and Blankets (BZJZ) Category in UL Fire Resistance Directory or Batts and Blankets (BKNV) in the UL Building Materials Directory for list of Classified Companies.

C3. Vapor Retarder Fabric* — (Not Shown) - Used only with two layers of unfaced batts and blankets (Item 2C1), as specified in the respective insulation system, and continuously sealed to wall angle (Item 2C5).

C4. Steel Banding — Fastened to wall angle (Item 2C5). As specified in the respective insulation system.

C5. Wall Angle — Galv steel angle with 2 in. legs, No. 20 MSG (0.0329 in., min bare metal thickness), attached to wall with fasteners at every stud (Item 1D) to support vapor retarder fabric (Item 2C3) and steel banding (Item 2C4).

D. Metal Roof Deck Panels* — Min 26 ga coated steel. Panels continuous over two or more spans. Roof panel end laps, if required, centered over purlins (Item 2A) with min 3 in. (76 mm) panel overlap as specified in the individual **Roof Deck Constructions** (TGKX). A line of tube sealant or tape sealant may be used at panel end and side laps.

See **Metal Roof Deck Panels** (TJPV) category in the UL Roofing Materials and Systems Directory for names of manufacturers.

E. Fasteners — Fasteners used for panel-to-purlin and panel-to-panel connections to be self-tapping, hex-head, plated steel or stainless steel screws with either an integral or a separate steel washer fitted with a compressible sealing washer. Fastener type, length, pilot hole diam and spacing to be as specified in the individual **Roof Deck Constructions** (TGKX).

F. Roof Deck Fasteners* - Panel Clips — (Not Shown) - Panel clips used for panel-to-purlin connections to be secured to purlin (Item 2A) through insulation as specified in the individual **Roof Deck Constructions** (TGKX).

See **Roof Deck Fasteners** (TLSX) category in the UL Roofing Materials and Systems Directory for names of manufacturers.

G. Thermal Spacer Blocks — (Not Shown) - Expanded polystyrene strips cut to fit between panel clips (Item 2F) as specified in the individual **Roof Deck Constructions** (TGKX). Thermal spacer blocks, when used, are to be installed between unfaced batts and blankets (Item 2C1) and metal roof deck panels (Item 2D) over purlins (Item 2A).

3. Fill, Void or Cavity Material* (XHHW) — Caulk — (Not Shown) - Min 5/8 in. (16 mm) thickness of fill material installed to fill any gap between top of cripple wall gypsum board (Item 1E) and unfaced batts and blankets (Item 2C1) on each side of the wall. Additional sealant installed to fill annular space between purlin (Item 2A) and gypsum board "rip strip" (Item 1F) on both sides of wall. Additional nom 1/2 in. (13 mm) diam bead of sealant to be applied around perimeter of purlin at its interface with the "rip strip" (Item 1F) on each side of the wall.

3M COMPANY 3M FIRE PROTECTION PRODUCTS — CP 25WB+ Caulk

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2025-01-03

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C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935
Phone: 1 920 924.2900

Project: 240224 - Mayville WWTF 2024 Upgrade
400 Kekoskee Street
Mayville, WI 53050

Potential Change Item #COR0016

Field Order No. 06 - Str. 800 Wall Intersection and Transition Details

To:	City Of Mayville 15 S School Street Mayville, WI 53050	From:	C.D. Smith Construction, Inc. 125 Camelot Drive Fond du Lac WI, 54935
Status:	Pricing-No Forecast	Created Date	2026-01-21
Schedule Impact:		OCO Number:	

POTENTIAL CHANGE ITEM SCOPE DESCRIPTION: (The Contract is Changed As Follows)

Provide Firestopping per Details Distributed In FO 06 and WCD 06.

ATTACHMENTS:

Description	Cost Code	Category	Quantity	W/M	Rate	Final Amount
Caulking	079000	S		LS	\$	\$14,800.00
Bond:						\$155.40
Subcontract Markup (5%):						\$740.00
Grand Total:						<u>\$15,695.40</u>

City Of Mayville
15 S School Street
Mayville, WI 53050

SIGNATURE

[Handwritten Signature]

DATE

C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935

Karley Krupp

SIGNATURE

Digitally signed by Karley Krupp
Date: 2026.01.21 13:58:19-0600

DATE

4/6/26

*Work is to be
completed and
costs still to
be negotiated/
reduced.*



Change Order / Field Order 6

Date: January 16, 2026

JOB NAME: Mayville WWTF

Proposal Submitted to:
CD Smith
Attn: Karly Krupp
Kkrupp@cdsmith.com

From: Dwight Drescher (414)406-6131
dwight@sidssealants.com
Sid's SEALANTS, LLC
PO Box 347 Port Washington, WI 53074
Sid (414)350-8215 sid@sidssealants.com

Administration Building

Furnish & Install Firestopping at the Purlin Wall

Includes:

Base of Wall (5/800-A503)

Vertical JT's at end of Wall (9/800-A504)

Top of Wall (1/800-A503)

Beam & Stud Penetrations thru the wall based on the PDF provided by CDS on 1-16-2026

Cost would be: \$14,800.00

ABAA licensed, Tremco certified applicator and RAC local 8 member.

Sid's Sealants will supply all materials and equipment to complete this project. This estimate includes the materials and tools for proper installation. Work to start upon approval and be performed in a workmanlike timely manner. Lift equipment costs are applicable if lift is not provided by Contractor/Owner. Dumpster and electricity supplied by others. The installation of air barrier and caulk is weather permitting and requires ample time for substrate to dry after precipitation per manufacturers specifications not following this voids any warranty. This Proposal does not include third party testing costs. Estimate may not be split unless prior contact is made and agreed in writing. Additional insured are subject to \$250.00 charge per insured. Additional insured endorsements (CG2010 10/01 & CG2037 10/01) cost will be \$300/Each (est) a year.

WE PROPOSE to furnish material and labor, complete in accordance with the above specification, for the sum of:
See Description Above DOLLARS (\$See Above)

It is agreed that the buyer(s) signature(s) below will pay for all purchases within terms of NET 30. TERMS ARE SET FROM THE DATE OF THE INVOICE.

In the event of nonpayment or late payment, the buyer(s) further agree(s) to pay a late payment service charge at the rate of 1.5% per month on all past due balances. Should collection action become necessary, the buyer(s) agree(s) that he/she/they will pay all costs and expenses of the collection action in addition to all unpaid balances at that time. Said costs are to include reasonable legal fees. Taxes on materials not included and will be an added line item.

This proposal may be withdrawn if a signed acceptance is not received by Sid's Sealants within 30 days from the date of the proposal.

Sid Arthur, Sole Member

ACCEPTANCE OF PROPOSAL:

The buyer(s), as undersigned, individually and as an owner or an officer of the company, has/have read, understand(s) and agree(s) to all of the above, and his/her/their signature(s) below attest(s) thereto.

Date of Acceptance: _____

Signature: _____

Signature: _____

FIELD ORDER NO.: 006

Owner:	City of Mayville	Owner's Project No.:	00052025
Engineer:	MSA Professional Services, Inc.	Engineer's Project No.:	00052028
Contractor:	C.D. Smith Construction, Inc.	Contractor's Project No.:	
Project:	City of Mayville WWTF Upgrade		
Contract Name:	General Construction		
Date Issued:	November 25, 2025	Effective Date of Field Order:	November 25, 2025

Contractor is hereby directed to promptly perform the Work described in this Field Order, issued in accordance with Paragraph 11.04 of the General Conditions, for minor changes in the Work without changes in Contract Price or Contract Times. If Contractor considers that a change in Contract Price or Contract Times is required, submit a Change Proposal before proceeding with this Work.

Reference:

Drawing(s) / Detail(s): 800A503, 800A504, CJ-D-0032

Description:

All firestopping shall be provided in accordance to specification section 07 84 00 - Firestopping. Details provide clarification for fire stopping locations and spacing for wall finish termination at the top of fire barrier.

Attachments:

800A503, 800A504, CJ-D-0032

Issued by Engineer

By: Carter Arndt
Title: Senior Project Architect
Date: 11/24/2025

EJCDC® C-942, Field Order.

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Page 1 of 1

	0	3"	6"	12"	18"
DASG 1 1/2" = 1'-0"	(22"x34")				
3'4" □ 1'-0"	(11"x17)				

800MS03 1 1/2" = 1'-0" (22"x34") 0 3" 6" 12" 18"

18

Year	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

DATE	TIME	LOCATION	WIND	WAVE	SEA	WAVE	SEA
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2004/03/23	17:00	(22°N, 124°E)	0	1	3	6	8
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2004/03/25	02:00	(22°N, 124°E)	0	1	3	6	8
2004/03/25	03:00	(22°N, 124°E)	0	1	3	6	8
2004/03/25	04:00	(22°N, 124°E)	0	1	3	6	8
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2004/03/25	10:00	(22°N, 124°E)	0	1	3	6	8
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2004/03/25	12:00	(22°N, 124°E)	0	1	3	6	8
2004/03/25	13:00	(22°N, 124°E)	0	1</			

[illegible]

① Coming October 20th, discover our sleek new design and powerful features. [Learn More](#)

UL Product iQ®



Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

XHBO - Continuity Head-of-wall Joint Systems

[See General Information for Continuity Head-of-wall Joint Systems](#)

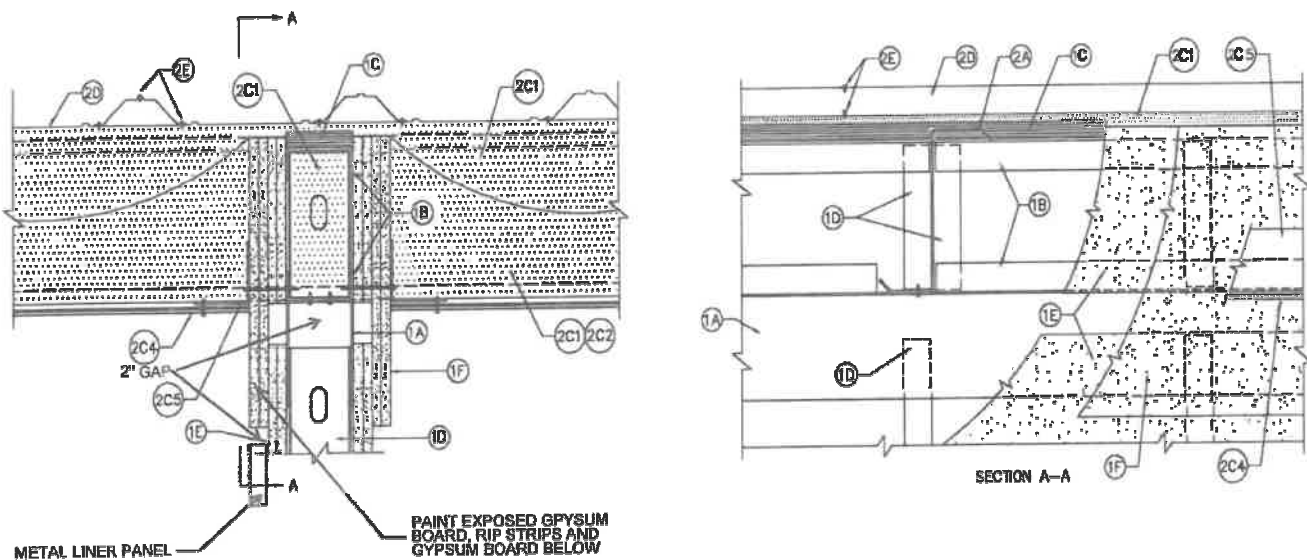
System No. **CJ-D-0032**

January 03, 2025

Joint Rating — 2 Hr

Nominal Joint Width — 2 in.

Class II or III Movement Capabilities — 100% Compression and Extension



1. Wall Assembly — The minimum 2 hr fire rated gypsum board/steel stud wall assembly shall be constructed of the materials and in the manner specified in the individual U400, V400 or W400 Series **Wall and Partition Design** in the UL Fire Resistance Directory and shall include the following construction features:

A. Ceiling Deflection Channel — U-shaped channel formed from min 16 ga steel sized to accommodate steel studs (Item 1D) and provided with nom 5 in. (127 mm) flanges. Deflection channel installed perpendicular to purlins (Item 2A) and secured to bottom flange of purlins (Item 2A) with min No. 14 self-tapping, hex-head, plated steel or stainless steel screws.

B. Steel Floor and Ceiling Runners — Floor runner of the wall assembly and the floor and ceiling runners of the cripple wall above the wall assembly shall consist of min 1-1/4 in. (32 mm) deep min 25 ga galv steel channels sized to accommodate steel studs (Item 1D). Floor runner of cripple wall aligned with and screw-attached to top of ceiling deflection channel (Item 1A). Ceiling runner of cripple wall installed to compress unfaced batts and blankets (Item 2C1) to nom thickness of 3/8 in. (10 mm) by wedging lengths of stud (Item 1D) between the runners. Steel studs (Item 1D) of cripple wall attached to each side of purlin (Item 2A) web and to floor and ceiling runners with steel screws.

C. Batts and Blankets* - Packing Material — Unfaced compressible mineral wool batt insulation having a nom 2 in. (51 mm) thickness before compression and a nom density of 4 pcf (64 kg/m³). Strips of nom 2 in. (51 mm) thick batt cut to width of cripple wall ceiling runner (Item 1B) and compressed min 50 percent in thickness between cripple wall ceiling runner (Item 1B) and unfaced batts and blankets (Item 2C1). Compression of mineral wool batt packing material to result in compression of unfaced batts and blankets (Item 2C1) to nom 3/8 in. (10 mm) thickness.

See **Batts and Blankets (BZJZ)** category in the UL Fire Resistance Directory or **Batts and Blankets (BKNV)** category in the UL Building Materials Directory for names of manufacturers.

D. Studs — Steel studs to be min 3-1/2 in. (89 mm) wide. Studs cut max 2 in. (51 mm) less in length than the wall assembly height beneath purlins (Item 2A) with bottom nesting in and resting on the floor runner (Item 1B) and with top nesting in ceiling deflection channel (Item 1A) without attachment. Stud spacing not to exceed 24 in. (610 mm) O.C. Studs of cripple wall cut to length as required to compress packing material (Item 1C) and unfaced batts and blankets (Item 2C1) to nom thicknesses of 1 in. (25 mm) and 3/8 in. (10 mm), respectively. Studs spaced max 24 in. (610 mm) OC.

E. Gypsum Board* — Min two layers of 5/8 in. (16 mm) thick gypsum board sheets installed on each side of wall. Wall to be constructed as specified in the individual U400, V400 or W400 Series Design in the UL Fire Resistance Directory except that a max 2 in. (51 mm) wide gap shall be maintained between the gypsum board of the wall assembly below the purlin (Item 2A) and the gypsum board of the cripple wall. Top edge of gypsum board of wall assembly to be max 2 in. (51 mm) below top of ceiling deflection channel (Item 1A). Bottom edge of gypsum board of cripple wall to be flush with top of ceiling deflection channel (Item 1A). Screws securing gypsum board to steel studs (Item 1D) of wall assembly to be located 2-1/4 in. to 2-1/2 in. (57 to 64 mm) below flange of ceiling deflection channel (Item 1A). Screws securing gypsum board of cripple wall to be driven into studs (Item 1D) and runners (Item 1B) of cripple wall. No screws are to be driven into flanges of ceiling deflection channel (Item 1A).

F. Gypsum Board* — Min two layers of 5/8 in. (16 mm) thick "rip strip" of gypsum board installed to cover both layers of gypsum board on cripple wall and to lap min 4 in. (102 mm) onto gypsum board of wall assembly on each side of wall. The "rip strip" of gypsum board is to be the same material used for the wall assembly (Item 1E) and is to be secured to the studs (Item 1D) and runners (Item 1B) of the cripple wall. No screws are to be driven into flanges of ceiling deflection channel (Item 1A). Joints of "rip strip" to be offset from joints of gypsum board on wall assembly (Item 1E).

See Gypsum Board (CKNX) category in the Fire Resistance Directory for names of manufacturers.

Max separation between top of wall assembly gypsum board and bottom of cripple wall gypsum board (at time of installation of joint system) is 2 in. (51 mm). The joint system is designed to accommodate a max 100 percent compression or extension from its installed width.

2. Nonrated Horizontal Assembly — The nonrated horizontal assembly shall be constructed of the materials and in the manner described in the individual **Roof Deck Constructions** (TGKX) in the UL Roofing Materials and Systems Directory and shall include the following construction features:

A. Purlin — Min 16 ga coated steel. Max spacing as specified in the individual **Roof Deck Constructions** (TGKX).

B. Lateral Bracing — (Not Shown) - As required.

C1. Unfaced Batts and Blankets* — Used in two layers or one layer in combination with faced batts and blankets (Item 2C2). Any unfaced glass fiber batt material or mineral wool insulation bearing the UL Classification marking having a min 6 in. (152 mm) thickness before compression and a min density of 0.6 pcf (9.6 kg/m³). Insulation draped over purlins prior to installation of panel clips (Item 2F) and/or metal roof deck panels (Item 2D). Side edges of the batts shall be butted or overlapped a max of 3 in. (76 mm). See **Batts and Blankets** (BZJZ) Category in UL Fire Resistance Directory or **Batts and Blankets** (BKNV) in the UL Building Materials Directory for list of Classified Companies.

C2. Faced Batts and Blankets* — Used in combination with unfaced batts and blankets (Item 2C1). Any faced glass fiber batt material or mineral wool insulation bearing the UL Classification marking. See **Batts and Blankets** (BZJZ) Category in UL Fire Resistance Directory or **Batts and Blankets** (BKNV) in the UL Building Materials Directory for list of Classified Companies.

C3. Vapor Retarder Fabric* — (Not Shown) - Used only with two layers of unfaced batts and blankets (Item 2C1), as specified in the respective insulation system, and continuously sealed to wall angle (Item 2C5).

C4. Steel Banding — Fastened to wall angle (Item 2C5). As specified in the respective insulation system.

C5. Wall Angle — Galv steel angle with 2 in. legs, No. 20 MSG (0.0329 in., min bare metal thickness), attached to wall with fasteners at every stud (Item 1D) to support vapor retarder fabric (Item 2C3) and steel banding (Item 2C4).

D. Metal Roof Deck Panels* — Min 26 ga coated steel. Panels continuous over two or more spans. Roof panel end laps, if required, centered over purlins (Item 2A) with min 3 in. (76 mm) panel overlap as specified in the individual **Roof Deck Constructions** (TGKX). A line of tube sealant or tape sealant may be used at panel end and side laps.

See **Metal Roof Deck Panels (TJPV)** category in the UL Roofing Materials and Systems Directory for names of manufacturers.

E. Fasteners — Fasteners used for panel-to-purlin and panel-to-panel connections to be self-tapping, hex-head, plated steel or stainless steel screws with either an integral or a separate steel washer fitted with a compressible sealing washer. Fastener type, length, pilot hole diam and spacing to be as specified in the individual **Roof Deck Constructions (TGKX)**.

F. Roof Deck Fasteners* - Panel Clips — (Not Shown) - Panel clips used for panel-to-purlin connections to be secured to purlin (Item 2A) through insulation as specified in the individual **Roof Deck Constructions (TGKX)**.

See **Roof Deck Fasteners (TLSX)** category in the UL Roofing Materials and Systems Directory for names of manufacturers.

G. Thermal Spacer Blocks — (Not Shown) - Expanded polystyrene strips cut to fit between panel clips (Item 2F) as specified in the individual **Roof Deck Constructions (TGKX)**. Thermal spacer blocks, when used, are to be installed between unfaced batts and blankets (Item 2C1) and metal roof deck panels (Item 2D) over purlins (Item 2A).

3. Fill, Void or Cavity Material* (XHHW) — Caulk — (Not Shown) - Min 5/8 in. (16 mm) thickness of fill material installed to fill any gap between top of cripple wall gypsum board (Item 1E) and unfaced batts and blankets (Item 2C1) on each side of the wall. Additional sealant installed to fill annular space between purlin (Item 2A) and gypsum board "rip strip" (Item 1F) on both sides of wall. Additional nom 1/2 in. (13 mm) diam bead of sealant to be applied around perimeter of purlin at its interface with the "rip strip" (Item 1F) on each side of the wall.

3M COMPANY 3M FIRE PROTECTION PRODUCTS — CP 25WB+ Caulk

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2025-01-03

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COR 017 - Response to RFI 089
STR 800 North Lab Wall Electrical Power



PCI #COR0017

C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935
Phone: 1 920 924.2900

Project: 240224 - Mayville WWTF 2024 Upgrade
400 Kekoskee Street
Mayville, WI 53050

Potential Change Item #COR0017

COR 017 - Adding Electrical on Str. 800 North Lab Wall

To:	City Of Mayville 15 S School Street Mayville, WI 53050	From:	C.D. Smith Construction, Inc. 125 Camelot Drive Fond du Lac WI, 54935
Status:	Pricing-No Forecast	Created Date	2026-02-10
Schedule Impact:		OCO Number:	

POTENTIAL CHANGE ITEM SCOPE DESCRIPTION: *(The Contract Is Changed As Follows)*

Additions Made to Str. 800 North Lab Wall Power per RFI #89.

ATTACHMENTS:

Description	Cost Code	Category	Quantity	W/M	Rate	Final Amount
Electrical	260000	S		LS	\$	\$4,533.00
Bond:						\$47.60
Subcontract Markup (5%):						\$226.65
Grand Total:						\$4,807.25

City Of Mayville
15 S School Street
Mayville, WI 53050


SIGNATURE

DATE

C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935

Karley Krupp 
Digitally signed by Karley Krupp
Date: 2026.02.09 14:33:48-06'00'

SIGNATURE

DATE



CHANGE ORDER

To: Karley Krupp
CD Smith
Ph: 920-979-8756
Email: kkrupp@csmith.com

Date: 2/9/2026
Project Name: Mayville WWTF
Location: Mayville, WI
Proposal No: M2735 – CO.006
RFP: RFI #89 – Bldg. 800 North Lab Wall

Van Ert Electric Co. is pleased to furnish this Proposal for installation of wiring, material and equipment for the above referenced project. This proposal is submitted per your request and includes the clarifications listed within.

"By submission of its bid, Van Ert Electric Company, Inc. reserves the right to negotiate mutually acceptable contract terms, including review of any applicable Prime contract provisions, upon award of the work."

Labor.....	\$2,391.00
Materials	\$1,476.00
Equipment	\$75.00
OH&P	\$591.00

Scope of Work:

- Install Power to Bldg. 800 North Lab Wall, As directed through RFI #89 Answers

Clarifications:

- All work to be performed during normal business hours, Monday through Friday, 7am to 4pm
- Due to the fluctuating cost and availability of commodity & distribution materials, pricing will need to be verified upon the acceptance of this proposal.
- Van Ert Electric Company, Inc. reserves the right in its sole discretion to add surcharge(s) to the quotation and/or invoice for increased costs related to, without limitation, freight, fuel, and/or tariffs.
- Pricing is valid for (25) days

Proposal may be withdrawn if not accepted by: 25 Days

Payment to be made as follows: 30 Days

Authorized Signature:

Andy Gross

Title: Project Manager

Phone Number: 262.900.2065

The above prices, specifications, and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature of Acceptance:

Date of Acceptance:

Please return executed proposal by emailing to: agross@vanert.com

We appreciate the opportunity to submit our proposal on this project. If you have any questions or concerns, please feel free to contact Andy Gross @ 262.900.2065



C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac, Wisconsin 54935
P: (920) 924-2900
F: (920) 924-2910

Project: 240224 Mayville WWTF 2024 Upgrade
400 Kekoskee Street
Mayville, Wisconsin 53050
P: 920-387-7900

RFI #89: Bldg. #800 Laboratory North Wall Power

Revision	0	Status	Open
To	Shane Dennis (MSA Professional Services, Inc.) Coty Weathersby (MSA Professional Services, Inc.) Kerry Hackert (MSA Professional Services, Inc.) Leslie Deuchars (MSA Professional Services, Inc.) Steve Sell (MSA Professional Services, Inc.)	From	Kayla Steger (C.D. Smith Construction, Inc.) 125 Camelot Dr Fond du lac, Wisconsin 54935
Date Initiated	Jan 21, 2026	Due Date	Jan 26, 2026
Location			
Cost Impact	Schedule Impact		
Spec Section			
Drawing Number			
Linked Drawings			
Received From	Andy Gross (Van Ert Electric Company, Inc.)		
Copies To	Cory Flesch (C.D. Smith Construction, Inc.), Andy Gross (Van Ert Electric Company, Inc.), Karley Krupp (C.D. Smith Construction, Inc.), Kayla Steger (C.D. Smith Construction, Inc.)		

Activity

Question	Question from Kayla Steger C.D. Smith Construction, Inc. on Wednesday, Jan 21, 2026 at 08:56 AM CST We discovered during our weekly jobsite meeting there is no power called out for any equipment along the north wall of the laboratory (see below). City of Mayville has indicated this area to have (2) incubators, (1) dishwasher, (1) refrigerator, and a DI/RO. We will need to know the electrical specifications of each piece of equipment, along with outlet locations. I can then work up a change order cost for the missing equipment. Attachments Bldg. 800 Laboratory North Wall Power.pdf
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Awaiting an Official Response

All Replies	Response from Leslie Deuchars MSA Professional Services, Inc. on Thursday, Jan 29, 2026 at 09:08 AM CST Please refer to markups labeled RFI089 on sheets 800E101 and 999E603 attached to this RFI response for power requirements for the north wall laboratory equipment. Electrical Engineer will call Van Ert project manager to discuss change order on Thursday, January 29th. Attachments 999E603 - PANEL SCHEDULES.pdf, 800E101 - ELECTRICAL PLAN.pdf
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GENERAL NOTES

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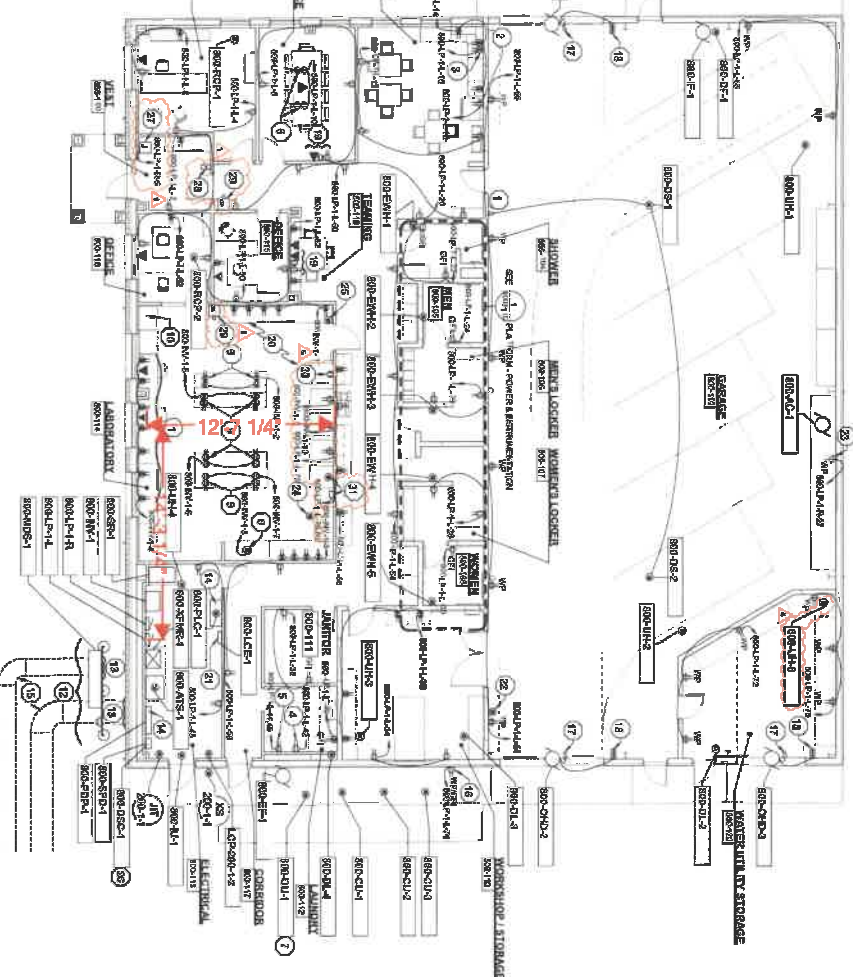
KEY NOTES

- [illegible]

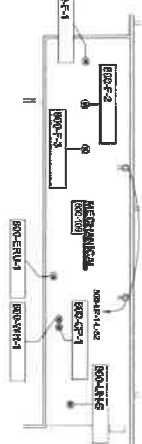
ENVIRONMENT CLASSIFICATIONS

PRIME MEMBER		EMERGENCY ASSISTANCE	
800-100	STAGE WARE / DECK / STATION	FINISHED, PRY, NEW CONSTRUCTION	
800-101	DIRECTOR	FINISHED, PRY, NEW CONSTRUCTION	
800-102	CONFERENCE	FINISHED, PRY, NEW CONSTRUCTION	
800-103	STORAGE	FINISHED, PRY, NEW CONSTRUCTION	
800-104	STOCK ROOM	FINISHED, PRY, NEW CONSTRUCTION	
800-105	STOCKER	FINISHED, PRY, NEW CONSTRUCTION	
800-106	MEN	FINISHED, PRY, NEW CONSTRUCTION	
800-107	MEN'S LOCKERS	FINISHED, PRY, NEW CONSTRUCTION	
800-108	WOMEN'S LOCKER	FINISHED, PRY, NEW CONSTRUCTION	
800-109	WOMEN	FINISHED, PRY, NEW CONSTRUCTION	
800-110	MET-CHEMICAL	FINISHED, PRY, NEW CONSTRUCTION	
800-111	WORKS/SHOP / STORAGE	FINISHED, PRY, NEW CONSTRUCTION	
800-112	LAUNDRY	FINISHED, PRY, NEW CONSTRUCTION	
800-113	LAUNDRY	FINISHED, PRY, NEW CONSTRUCTION	
800-114	ELECTRICAL	FINISHED, PRY, NEW CONSTRUCTION	
800-115	OFFICE	FINISHED, PRY, NEW CONSTRUCTION	
800-116	OFFICE	FINISHED, PRY, NEW CONSTRUCTION	
800-117	CONF-DOR	FINISHED, PRY, NEW CONSTRUCTION	
800-118	TRAINING	FINISHED, PRY, NEW CONSTRUCTION	
800-119	GAUGE	FINISHED, PRY, NEW CONSTRUCTION	
800-120	WATER UTILITY STORAGE	FINISHED, PRY, NEW CONSTRUCTION	

FIRST FLOOR - POWER & INSTRUMENTATION



PLATFORM - POWER & INSTRUMENTATION



WASTEWATER TREATMENT FACILITY UPGRADE
CITY OF MAYVILLE
DORCHESTER COUNTY, MA

ADMINISTRATION BUILDING ELECTRICAL PLAN

PANEL SCHEDULE - BSL-P-4										VOLUME: 1022000.00 cu		
TYPE: CHANGED										DATE: 11/11/2024		
BOLTED GROUND BITE: 100										BARS: REINFORCED AND		
REINFORCEMENT: 100										REINFORCEMENT: 100		
REINFORCEMENT: 100										REINFORCEMENT: 100		
DATE	TIME	DESCRIPTION	A	B	C	REMARKS	DATE	TIME	DESCRIPTION	A	B	C
01/01/2024	08:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	01/01/2024	08:00	REINFORCEMENT	200.00	10.00	10.00
02/01/2024	09:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	02/01/2024	09:00	REINFORCEMENT	200.00	10.00	10.00
03/01/2024	10:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	03/01/2024	10:00	REINFORCEMENT	200.00	10.00	10.00
04/01/2024	11:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	04/01/2024	11:00	REINFORCEMENT	200.00	10.00	10.00
05/01/2024	12:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	05/01/2024	12:00	REINFORCEMENT	200.00	10.00	10.00
06/01/2024	13:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	06/01/2024	13:00	REINFORCEMENT	200.00	10.00	10.00
07/01/2024	14:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	07/01/2024	14:00	REINFORCEMENT	200.00	10.00	10.00
08/01/2024	15:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	08/01/2024	15:00	REINFORCEMENT	200.00	10.00	10.00
09/01/2024	16:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	09/01/2024	16:00	REINFORCEMENT	200.00	10.00	10.00
10/01/2024	17:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	10/01/2024	17:00	REINFORCEMENT	200.00	10.00	10.00
11/01/2024	18:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	11/01/2024	18:00	REINFORCEMENT	200.00	10.00	10.00
12/01/2024	19:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	12/01/2024	19:00	REINFORCEMENT	200.00	10.00	10.00
13/01/2024	20:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	13/01/2024	20:00	REINFORCEMENT	200.00	10.00	10.00
14/01/2024	21:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	14/01/2024	21:00	REINFORCEMENT	200.00	10.00	10.00
15/01/2024	22:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	15/01/2024	22:00	REINFORCEMENT	200.00	10.00	10.00
16/01/2024	23:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	16/01/2024	23:00	REINFORCEMENT	200.00	10.00	10.00
17/01/2024	00:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	17/01/2024	00:00	REINFORCEMENT	200.00	10.00	10.00
18/01/2024	01:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	18/01/2024	01:00	REINFORCEMENT	200.00	10.00	10.00
19/01/2024	02:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	19/01/2024	02:00	REINFORCEMENT	200.00	10.00	10.00
20/01/2024	03:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	20/01/2024	03:00	REINFORCEMENT	200.00	10.00	10.00
21/01/2024	04:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	21/01/2024	04:00	REINFORCEMENT	200.00	10.00	10.00
22/01/2024	05:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	22/01/2024	05:00	REINFORCEMENT	200.00	10.00	10.00
23/01/2024	06:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	23/01/2024	06:00	REINFORCEMENT	200.00	10.00	10.00
24/01/2024	07:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	24/01/2024	07:00	REINFORCEMENT	200.00	10.00	10.00

PANEL SCHEDULE - BSL-P-4										VOLUME: 1022000.00 cu		
TYPE: CHANGED										DATE: 11/11/2024		
BOLTED GROUND BITE: 100										BARS: REINFORCED AND		
REINFORCEMENT: 100										REINFORCEMENT: 100		
REINFORCEMENT: 100										REINFORCEMENT: 100		
DATE	TIME	DESCRIPTION	A	B	C	REMARKS	DATE	TIME	DESCRIPTION	A	B	C
01/01/2024	08:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	01/01/2024	08:00	REINFORCEMENT	200.00	10.00	10.00
02/01/2024	09:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	02/01/2024	09:00	REINFORCEMENT	200.00	10.00	10.00
03/01/2024	10:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	03/01/2024	10:00	REINFORCEMENT	200.00	10.00	10.00
04/01/2024	11:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	04/01/2024	11:00	REINFORCEMENT	200.00	10.00	10.00
05/01/2024	12:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	05/01/2024	12:00	REINFORCEMENT	200.00	10.00	10.00
06/01/2024	13:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	06/01/2024	13:00	REINFORCEMENT	200.00	10.00	10.00
07/01/2024	14:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	07/01/2024	14:00	REINFORCEMENT	200.00	10.00	10.00
08/01/2024	15:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	08/01/2024	15:00	REINFORCEMENT	200.00	10.00	10.00
09/01/2024	16:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	09/01/2024	16:00	REINFORCEMENT	200.00	10.00	10.00
10/01/2024	17:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	10/01/2024	17:00	REINFORCEMENT	200.00	10.00	10.00
11/01/2024	18:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	11/01/2024	18:00	REINFORCEMENT	200.00	10.00	10.00
12/01/2024	19:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	12/01/2024	19:00	REINFORCEMENT	200.00	10.00	10.00
13/01/2024	20:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	13/01/2024	20:00	REINFORCEMENT	200.00	10.00	10.00
14/01/2024	21:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	14/01/2024	21:00	REINFORCEMENT	200.00	10.00	10.00
15/01/2024	22:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	15/01/2024	22:00	REINFORCEMENT	200.00	10.00	10.00
16/01/2024	23:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	16/01/2024	23:00	REINFORCEMENT	200.00	10.00	10.00
17/01/2024	00:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	17/01/2024	00:00	REINFORCEMENT	200.00	10.00	10.00
18/01/2024	01:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	18/01/2024	01:00	REINFORCEMENT	200.00	10.00	10.00
19/01/2024	02:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	19/01/2024	02:00	REINFORCEMENT	200.00	10.00	10.00
20/01/2024	03:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	20/01/2024	03:00	REINFORCEMENT	200.00	10.00	10.00
21/01/2024	04:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	21/01/2024	04:00	REINFORCEMENT	200.00	10.00	10.00
22/01/2024	05:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	22/01/2024	05:00	REINFORCEMENT	200.00	10.00	10.00
23/01/2024	06:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	23/01/2024	06:00	REINFORCEMENT	200.00	10.00	10.00
24/01/2024	07:00	REINFORCEMENT	200.00	10.00	10.00	REINFORCEMENT	24/01/2024	07:00	REINFORCEMENT	200.00	10.00	10.00

 ENGINEERING PLANNING CONSULTING SERVICES INC. 17000 W. 10TH AVE. SUITE 100 DENVER, CO 80202-1719 (303) 262-7179 msa@denver.msa.com	WASTEWATER TREATMENT FACILITY UPGRADE CITY OF BAYVILLE DODGE COUNTY, WI	STANDARD DETAILS AND SCHEDULES PANEL SCHEDULES	PROJECT NO. DATE DRAWN BY CHECKED BY
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COR 018 - Response to RFI 079 STR 800 ERU Support Stand



PCI #COR0018

C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935
Phone: 1 920 924.2900

Project: 240224 - Mayville WWTF 2024 Upgrade
400 Kekoskee Street
Mayville, WI 53050

Potential Change Item #COR0018

COR 018 - ERU Support Stand

To:	City Of Mayville 15 S School Street Mayville, WI 53050	From:	C.D. Smith Construction, Inc. 125 Camelot Drive Fond du Lac WI, 54935
Status:	Pricing-No Forecast	Created Date	2026-02-13
Schedule Impact:	5	OCO Number:	

POTENTIAL CHANGE ITEM SCOPE DESCRIPTION: *(The Contract Is Changed As Follows)*

ERU Support Stand

ATTACHMENTS:

Description	Cost Code	Category	Quantity	W/M	Rate	Final Amount
Process Piping - Wastewater	400000	S		LS	\$	\$12,497.00
Bond:						\$131.22
Subcontract Markup (5%):						\$624.85
Grand Total:						\$13,253.07

City Of Mayville
15 S School Street
Mayville, WI 53050

SIGNATURE

3/7/26

DATE

C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935

Karley Krupp

Digitally signed by Karley Krupp
Date: 2026.02.13 13:18:26-06'00'

SIGNATURE

DATE



AUGUST WINTER & SONS, INC.
MECHANICAL CONTRACTOR & FABRICATOR

www.augustwinter.com

2323 N. Roemer Road
Appleton, WI 54911
PO Box 1896
Appleton, WI 54912-1896
P: (920) 739-8881
F: (920) 739-2230

5613 Schofield Ave.
Schofield, WI 54476
P: (715) 355-7555
F: (715) 355-9048

February 12, 2026

Karley Krupp
CD Smith

8

CHANGE ORDER PRICE AND BREAKDOWN

Project/Job#: Mayville WWTP 92125
Description: ERU Support Stand

Our change order price and breakdown follows:

August Winter

Material.....	\$	1,244
Labor**..... 72 hrs	\$	7,577
Direct Costs.....	\$	2,046
Subtotal.....	\$	10,867
Overhead.....	\$	1,630
Subsistence.....	\$	-
Total.....	\$	12,497

Equipment

Total Equipment Costs.....	\$	-
Equipment Markup.....	\$	-
Total Equipment Costs w/overhead.....	\$	-

Subcontracts

Total Subcontractor Costs.....	\$	-
Subcontractor Markup.....	\$	-
Total Subcontractor Costs w/overhead.....	\$	-

Total AWS/Subcontractor Costs.....	\$	12,497
Profit/Bond.....	\$	-

Change Order Total..... \$ 12,497

Time extension required is 5 days.

This quotation based upon acceptance within 30 days.

** Labor rate may include multiple trades with straight and premium time.

Exclusions: slurry/flowable fill for abandonment, bypassing for sewer tie ins

Dave Thiel

August Winter & Sons, Inc.
PH: 920-739-8881 FX: 920-739-2230

VISIT OUR WEB SITE AT WWW.AUGUSTWINTER.COM

Branch Office: 5613 Schofield Avenue * Schofield, WI 54476 * PH: 715/355-7555 * FAX: 715/355-9048
HVAC * PLUMBING * TANK FABRICATION * PROCESS PIPING * IND. SHEETMETAL
SPECIALTY METAL FAB. * ASME PRESSURE VESSELS * ASME CODE WELDING * 24 HR. SERVICE * ENGINEERING
STATE OF WISCONSIN LICENSED MASTER PLUMBERS, LICENSE NUMBER 871958

August Winter Sons, Inc.
Change Order/Small Projects Report

Page 1

Project/Job#: Mayville WWTP 92125
Description: ERU Support Stand

Date: 2/12/2026

MATERIAL

Material Credit w/restocking	0.00
Material ADD	\$ 1,244.00
Sales Tax	0.0%

Material Subtotal \$ 1,244

LABOR

General Foreman Hours	8.00	@	\$ 111.32	\$ 890.56
Foreman Hours	0.00	@	\$ -	\$ -
Field Plumber/Fitter Hours - REG	0.00	@	\$ -	\$ -
Field Plumber/Fitter Hours - OT	0.00	@	\$ -	\$ -
Field Tinner Hours - REG	36.00	@	\$ 104.48	\$ 3,761.28
Field Tinner Hours - OT	0.00	@	\$ -	\$ -
Shop Hours	28.00	@	\$ 104.48	\$ 2,925.44
Operator Hours	0.00	@	\$ -	\$ -

Labor Subtotal \$ 7,577

DIRECT COSTS

Payroll Taxes + Insurance (WC and Liability)	27.0% of Labor	\$ 2,045.87
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Subtotal \$ 2,046

Subtotal Contractor Costs \$ 10,867

Overhead 15.0% \$ 1,630

Subsistence \$ -

Total Contractor Costs \$ 12,497

Equipment	0.00	week	@	\$ -	\$ -
	0.00	week	@	\$ -	\$ -
	0.00	week	@	\$ -	\$ -
	0.00	week	@	\$ -	\$ -
	0.00	week	@	\$ -	\$ -
	0.00	week	@	\$ -	\$ -

Subtotal \$ -

Equipment Overhead 0.0% \$ -

Subtotal Equipment Costs \$ -

SUBCONTRACTS

	\$ -
	\$ -
	\$ -
	\$ -

Total Subcontractor Costs \$ -

Subcontractor Overhead 5.0% \$ -

Subtotal Subcontractors Costs \$ -

NOTE: This change order does not address impact costs on base contract.

Total Contractor/Subcontractor Costs \$ 12,497

Profit 0.0% \$ -

Bond 0.0% \$ -

Total Amount Of Change \$ 12,497

Time extension required is **5** days.

This quotation based upon acceptance within **30** days.

Exclusions: slurry/flowable fill for abandonment, bypassing for sewer tie ins

NOTE: This change order does not address impact costs on base contract.

COR 020 - Response to City IT Requirements

STR 800 Additional Wireless Access Points



PCI #COR0020

C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935
Phone: 1 920 924.2900

Project: 240224 - Mayville WWTF 2024 Upgrade
400 Kekoskee Street
Mayville, WI 53050

Potential Change Item #COR0020

COR 020 - Added WAPs and CAT6A Cabling

To:	City Of Mayville 15 S School Street Mayville, WI 53050	From:	C.D. Smith Construction, Inc. 125 Camelot Drive Fond du Lac WI, 54935
Status:	Pricing-No Forecast	Created Date	2026-03-09
Schedule Impact:		OCO Number:	

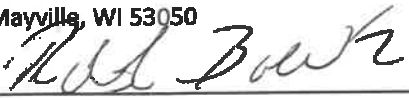
POTENTIAL CHANGE ITEM SCOPE DESCRIPTION: *(The Contract Is Changed As Follows)*

Add (3) WAP Locations, Cable and Terminations Only.

ATTACHMENTS:

Description	Cost Code	Category	Quantity	W/M	Rate	Final Amount
Electrical	260000	S		LS	\$	\$759.00
Bond:						\$7.97
Subcontract Markup (5%):						\$37.95
Grand Total:						\$804.92

City Of Mayville
15 S School Street
Mayville, WI 53050


SIGNATURE

DATE

C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935

Karley Krupp

Digitally signed by Karley Krupp
Date: 2026.04.13 07:46:12-0500

SIGNATURE

DATE


DATE



CHANGE ORDER

To: Karley Krupp
CD Smith
Ph: 920-979-8756
Email: kkrupp@cdsmith.com

Date: 3/6/2026
Project Name: Mayville WWTF
Location: Mayville, WI
Proposal No: M2735 – CO.007 Rev.01
RFP: Added WAP

Van Ert Electric Co. is pleased to furnish this Proposal for installation of wiring, material and equipment for the above referenced project. This proposal is submitted per your request and includes the clarifications listed within.

“By submission of its bid, Van Ert Electric Company, Inc. reserves the right to negotiate mutually acceptable contract terms, including review of any applicable Prime contract provisions, upon award of the work.”

Labor.....	\$486.00
Materials	\$135.00
Equipment	\$45.00
OH&P	\$93.00

Scope of Work:

- Add (3) WAP locations, cable and terminations only. WAPs provided and installed by Genesis

Clarifications:

- All work to be performed during normal business hours, Monday through Friday, 7am to 4pm
- Due to the fluctuating cost and availability of commodity & distribution materials, pricing will need to be verified upon the acceptance of this proposal.
- Van Ert Electric Company, Inc. reserves the right in its sole discretion to add surcharge(s) to the quotation and/or invoice for increased costs related to, without limitation, freight, fuel, and/or tariffs.
- Pricing is valid for (25) days

We appreciate the opportunity to submit our proposal on this project. If you have any questions or concerns, please feel free to contact Andy Gross @ 262.900.2065

COR 021 - Response to FO 08 R1
STR 800 HVAC Snorkel Ventilation Reroute

C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935
Phone: 1 920 924.2900

Project: 240224 - Mayville WWTF 2024 Upgrade
400 Kekoskee Street
Mayville, WI 53050

Potential Change Item #COR0021

Field Order No. 08 - HVAC Snorkel Ducting

To:	City Of Mayville 15 S School Street Mayville, WI 53050	From:	C.D. Smith Construction, Inc. 125 Camelot Drive Fond du Lac WI, 54935
Status:	Pricing-No Forecast	Created Date	2026-03-23
Schedule Impact:	3 Days	OCO Number:	

POTENTIAL CHANGE ITEM SCOPE DESCRIPTION: *(The Contract Is Changed As Follows)*

HVAC Snorkel Ducting Requirements

ATTACHMENTS:

Description	Cost Code	Category	Quantity	W/M	Rate	Final Amount
Electrical	260000	S		LS	\$	\$3,291.00
Process Piping - Wastewater	400000	S		LS	\$	\$11,727.00
Bond:						\$157.69
Subcontract Markup (5%):						\$750.90
Grand Total:						\$15,926.59

City Of Mayville
15 S School Street
Mayville, WI 53050

C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935

Karley Krupp

Digitally signed by Karley Krupp
Date: 2026.03.25
16:03:00-05'00'

SIGNATURE

DATE

SIGNATURE

DATE



AUGUST WINTER & SONS, INC.

MECHANICAL CONTRACTOR & FABRICATOR

www.augustwinter.com

Appleton, WI 54911
PO Box 1896
Appleton, WI 54912-1896
P: (920) 739-8881
F: (920) 739-2230

5613 Schofield Ave.
Schofield, WI 54476
P: (715) 355-7555
F: (715) 355-9048

March 23, 2026

Karley Krupp
CD Smith

11

CHANGE ORDER PRICE AND BREAKDOWN

Project/Job#: Mayville WWTP 92125

Description: FO 8 Snorkel

Our change order price and breakdown follows:

August Winter

Material.....	\$	1,774
Labor**..... 42 hrs	\$	4,429
Direct Costs.....	\$	1,196
Subtotal.....	\$	7,399
Overhead.....	\$	1,110
Subsistence.....	\$	-
Total.....	\$	8,509

Equipment

Total Equipment Costs.....	\$	640
Equipment Markup.....	\$	-
Total Equipment Costs w/overhead.....	\$	640

Subcontracts

Total Subcontractor Costs.....	\$	2,455
Subcontractor Markup.....	\$	123
Total Subcontractor Costs w/overhead.....	\$	2,578

Total AWS/Subcontractor Costs.....	\$	11,727
Profit/Bond.....	\$	-

Change Order Total..... \$ 11,727

Time extension required is 3 days.

This quotation based upon acceptance within 30 days.

** Labor rate may include multiple trades with straight and premium time.

Exclusions: slurry/flowable fill for abandonment, bypassing for sewer tie ins

Dave Thiel

August Winter & Sons, Inc.

PH: 920-739-8881 FX: 920-739-2230

VISIT OUR WEB SITE AT WWW.AUGUSTWINTER.COM

Branch Office: 5613 Schofield Avenue * Schofield, WI 54476 * PH: 715/355-7555 * FAX: 715/355-9048

HVAC * PLUMBING * TANK FABRICATION * PROCESS PIPING * IND. SHEETMETAL

SPECIALTY METAL FAB. * ASME PRESSURE VESSELS * ASME CODE WELDING * 24 HR. SERVICE * ENGINEERING

STATE OF WISCONSIN LICENSED MASTER PLUMBERS, LICENSE NUMBER 871958

Project/Job#: Mayville WWTP 92125
Description: FO 8 Snorkel

Date: 3/23/2026

MATERIAL

Material Credit w/restocking	.....	0.00
Material ADD	.....	\$ 1,774.00
Sales Tax	0.0%	\$ -

Material Subtotal \$ 1,774

LABOR

General Foreman Hours	4.00	@	\$ 111.32	\$ 445.28
Foreman Hours	0.00	@	\$ -	\$ -
Field Plumber/Fitter Hours - REG	0.00	@	\$ -	\$ -
Field Plumber/Fitter Hours - OT	0.00	@	\$ -	\$ -
Field Tinner Hours - REG	32.00	@	\$ 104.48	\$ 3,343.36
Field Tinner Hours - OT	0.00	@	\$ -	\$ -
Shop Hours	4.00	@	\$ 104.48	\$ 417.92
Service Hours	2.00	@	\$ 111.32	\$ 222.64

Labor Subtotal \$ 4,429

DIRECT COSTS

Payroll Taxes + Insurance (WC and Liability)	27.0% of Labor	\$ 1,195.88
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Subtotal \$ 1,196

Subtotal Contractor Costs

Overhead 15.0% \$ 1,110

Subsistence \$ -

Total Contractor Costs \$ 8,509

Equipment

	0.00	week	@	\$ -	\$ -
Man Lift	1.00	week	@	\$ 640.00	\$ 640.00
	0.00	week	@	\$ -	\$ -
	0.00	week	@	\$ -	\$ -
	0.00	week	@	\$ -	\$ -
	0.00	week	@	\$ -	\$ -

Subtotal \$ 640

Equipment Overhead

0.0% \$ -

Subtotal Equipment Costs

\$ 640

SUBCONTRACTS

Precision	.....	\$ 875.00
Taylor	.....	\$ 1,580.00
		\$ -
		\$ -

Total Subcontractor Costs

\$ 2,455

Subcontractor Overhead

5.0% \$ 123

Subtotal Subcontractors Costs

\$ 2,578

NOTE: This change order does not address impact costs on base contract.

Total Contractor/Subcontractor Costs

\$ 11,727

Profit

0.0% \$ -

Bond

0.0% \$ -

Total Amount Of Change

\$ 11,727

Time extension required is 3 days.

This quotation based upon acceptance within

30 days.

Exclusions: slurry/flowable fill for abandonment, bypassing for sewer tie ins

NOTE: This change order does not address impact costs on base contract.

From: Dewitt, Michael <MDewitt@vyron.com>
Sent: Monday, March 2, 2026 4:12 PM
To: Thiel, David
Cc: Risch, Jack
Subject: FW: [EXTERNAL]- Fw: Mayville WWTF - Constraint Log and Delay
Attachments: Submittal GFC 800-IF-2 Field Order 008 3.2.26.pdf

Hi Dave,

Please see quote below. I did notice 800-UH-6 got added to this job. However, I can not tell much about it. You did purchase Modine from us on this job, so if it is a GUH please let me know. We did not sell you the electric heat on this job so if it is electric it is out of our scope.

Greenheck

(1) Inline Fan – Model: SQ-80 – tagged – 800-IF-2 – Performance – 180CFM @ .5inwc with 1/12HP motor wire for 115V/1Ph power. Provided with NEMA-1 disconnect.
(1) Wall Cap – Model: WC-8

Standard 4 Week Lead Time - \$806.00

Due to fluctuation in material costs we are currently only able to guarantee pricing for 30 days from the time of quote. Lead times are also subject to change based on date of release.

Please let me know if you have any additional questions.

Thank you,



Michael Dewitt
Inside Sales

2150 Holmgren Way Suite 101, Green Bay, WI 54304

Direct Dial: 920.393.8740

mdewitt@vyron.com | [website](#) | [line card](#) | [customer portal](#) | [terms & conditions](#)

**WOMEN
OWNED**



From: Thiel, David <dthiel@augustwinter.com>
Sent: Monday, March 2, 2026 7:48 AM
To: Risch, Jack <jrisch@vyron.com>; Dewitt, Michael <mdewitt@vyron.com>
Subject: FW: [EXTERNAL]- Fw: Mayville WWTF - Constraint Log and Delay

Jack/Michael,

Please see the attached for field order #008, let me know if you have a cost impact.

Thanks!



David Thiel
Project Manager
August Winter & Sons, Inc.
N850 Cty Rd. CB, Appleton, WI 54914
Cell: 920-851-9763
Direct: 920-560-2233
Office: 920-739-8881
Email: dthiel@augustwinter.com

From: Karley Krupp <kkrupp@cdsmith.com>
Sent: Monday, March 2, 2026 7:18 AM
To: Thiel, David <dthiel@augustwinter.com>; Andy Gross <agross@vanert.com>
Cc: Cory Flesch <cflesch@cdsmith.com>
Subject: [EXTERNAL]- Fw: Mayville WWTF - Constraint Log and Delay

All,

Please see Field Order No. 08 in regard to the snorkel tube. We will be issuing this via Procore, but wanted to make you aware ASAP.

Please provide pricing if necessary.

Thank you,
Karley Krupp

Karley Krupp
Project Manager

920.979.8756 (mobile)
kkrupp@cdsmith.com
www.cdsmith.com



CD. SMITH
CONSTRUCTION



From: Steve Sell <ssell@msa-ps.com>
Sent: Friday, February 27, 2026 4:07 PM
To: Karley Krupp <kkrupp@cdsmith.com>
Cc: Kerry Hackert <khackert@msa-ps.com>
Subject: RE: Mayville WWTF - Constraint Log and Delay

CAUTION: External Email

Here is the field order clarification for the snorkel tube.

Steven Sell

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

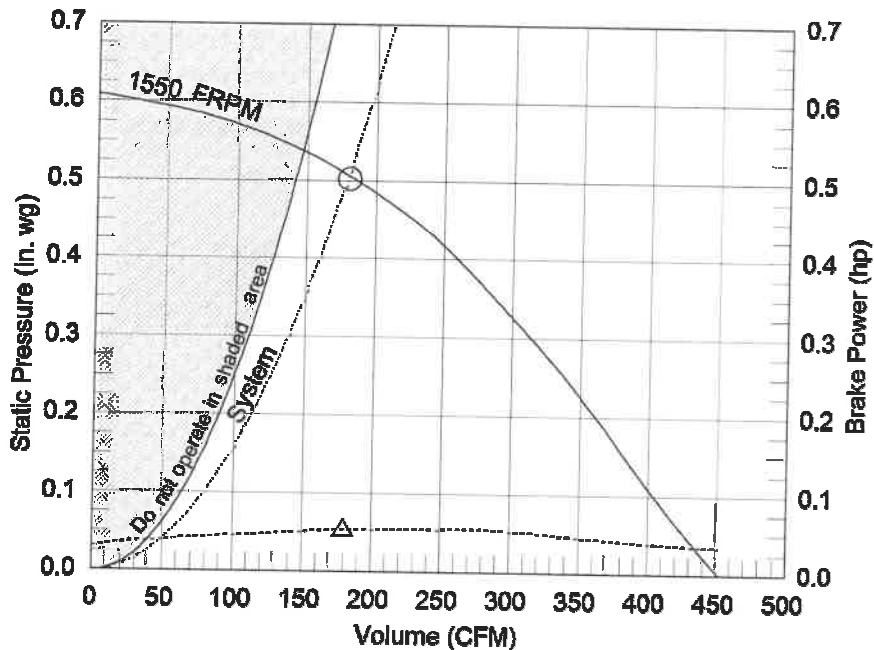
Model: SQ-80

Direct Drive Centrifugal Inline Fan

Dimensional	
Quantity	1
Weight w/o Acc's (lb)	34
Weight w/ Acc's (lb)	36

Performance	
Requested Volume (CFM)	180
Actual Volume (CFM)	181
Total External SP (in. wg)	0.503
Fan RPM	1550
Operating Power (hp)	0.05
Elevation (ft)	919
Airstream Temp.(F)	70
Air Density (lb/ft ³)	0.073
Tip Speed (ft/min)	4,413
Static Eff. (%)	28

Misc Fan Data	
Fan Energy Index (FEI)	-
Outlet Velocity (ft/min)	181



Motor	
Motor Mounted	Yes
Size (hp)	1/12 (or greater)
Voltage/Cycle/Phase	115/60/1
Enclosure	TEAO
Motor RPM	1550
Windings	1
FLA (Amps)	0.88
Short Circuit Current Rtg (SCCR)	5 kA

- △ Operating Bhp point
- Operating point at Total External SP
- Fan curve
- System curve
- Brake horsepower curve

Static Pressure Calculations

External SP	0.5 in. wg
Direct Drive RPM Adjustment	0.003 in. wg
Total External SP	0.503 in. wg

Nameplate Model: SQ-80-X

Sound Power by Octave Band

Sound Data	62.5	125	250	500	1000	2000	4000	8000	LwA	dBA	Sones
Inlet	68	74	69	61	60	57	52	46	66	55	7.3
Radiated	69	76	63	55	55	51	46	42	63	51	6.5

Notes:

All dimensions shown are in units of in.
*Please consult factory for actual motor amp draw
LwA - A weighted sound power level, based on ANSI S1.4
dBA - A weighted sound pressure level, based on 11.5 dB
attenuation per Octave band at 5 ft - dBA levels are not
licensed by AMCA International
Sones - calculated using AMCA 301 at 5 ft



Model: SQ-80

Direct Drive Centrifugal Inline Fan

Greenheck model SQ Mixed Flow meets or exceeds legacy centrifugal models SQ/BSQ in performance and features. SQ Mixed flow is an approved equal and can be considered a direct replacement for these models.

Standard Construction Features:

- Galvanized steel housing - Backward inclined composite (sizes 80-95) or aluminum (sizes 97-180) wheel - Two bolted access panels - Integral duct connection flanges - Ball bearing motors (sizes 97-160 and all var-green motors), sleeve bearing motors (sizes 80-95) - Corrosion resistant fasteners

Selected Options & Accessories:

UL/cUL 705 Listed - "Power Ventilators"

Junction Box Mounted and Wired

Switch, NEMA-1, Toggle, Shipped Separate

Galvanized Housing

Composite Centrifugal Wheel

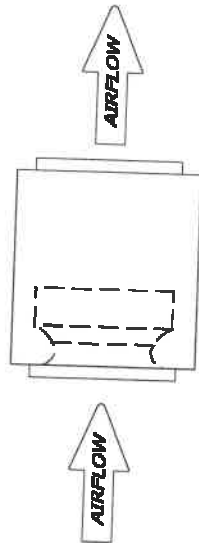
Composite Inlet Cone

Wheel Baffle

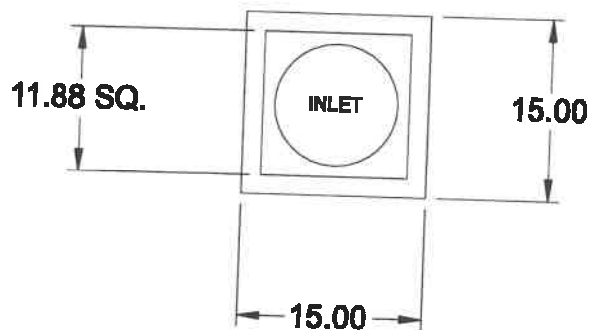
Unit Warranty: 1 Yr (Standard)

SQ-80

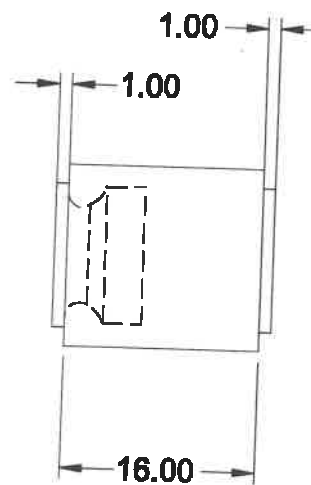
Direct Drive Centrifugal Inline Fan



TOP VIEW



END VIEW



SIDE VIEW

Notes: All dimensions shown are in units of in.

Disconnect Switch

Enclosure Rating: NEMA-1

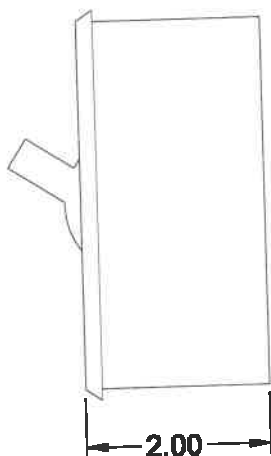
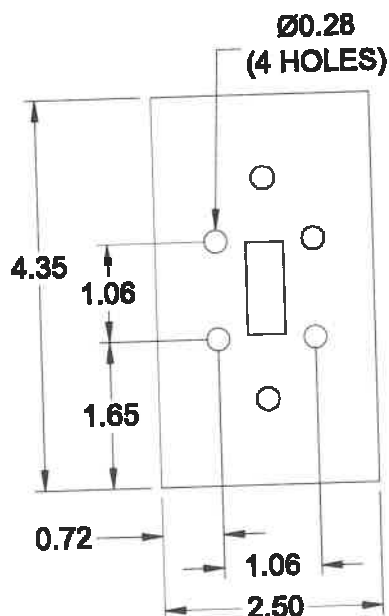
Standard Construction Features:

Enclosure constructed for indoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment and to provide a degree of protection against falling dust. This enclosure meets the rod entry and the indoor corrosion protection design tests. The rod entry test is intended to simulate incidental contact with enclosure equipment. Enclosure is equipped with provision to lockout in the off position with customer supplied lock.

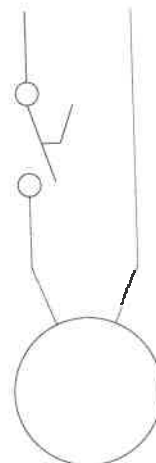
Disconnect Switch Configuration

Type:	Toggle	Motor Size:	1/12 hp	Voltage:	115	UL Listed:	Yes
Manufacturer:	Pass and Seymour	Cycle:	60	Amperage:	15	CSA Approved:	Yes
Overload Protection:	None	Phase:	1	Switch Pole(s):	1	Rating:	1/2 hp
Junction Box Mtg.:	Ship Separate	RPM:	1550	Exp. Resist. Wiring:	None		
Switch Mounting:	Shipped Separate						

Electrical Drawing Details



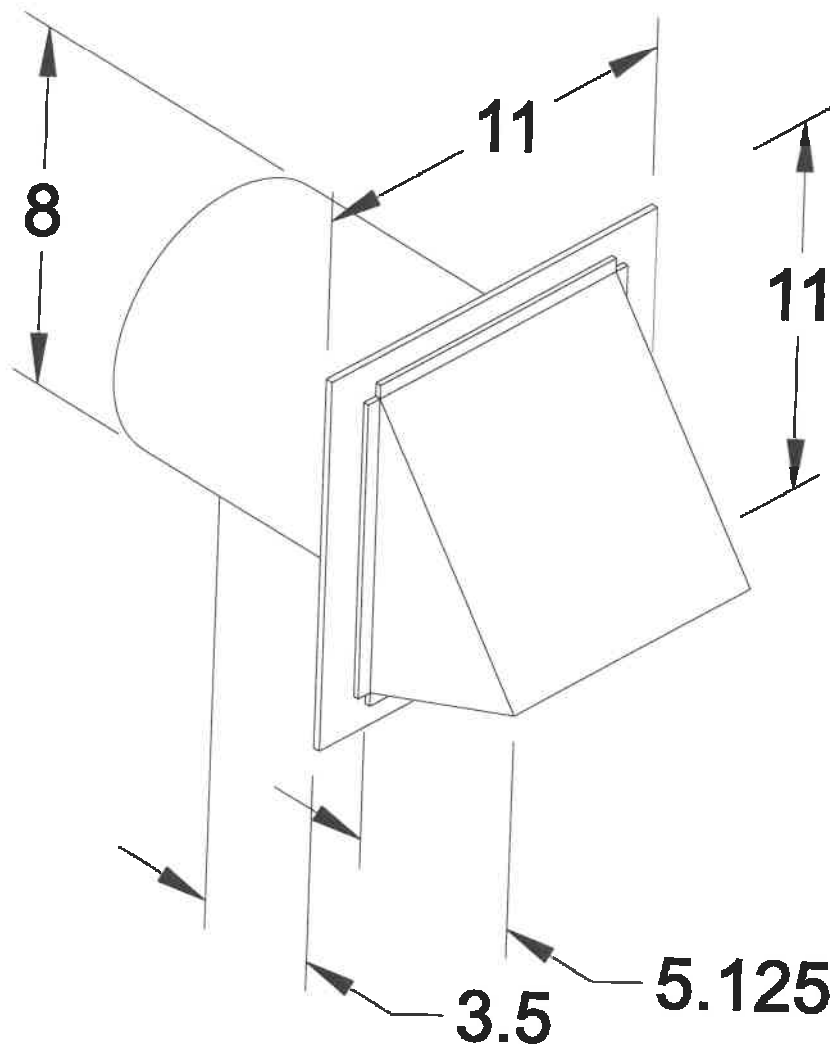
Wiring Schematic



WC-8

Standard Construction Features:

- Aluminum construction - Designed for outside wall applications - Built in damper.



Notes: All dimensions shown are in units of in.

Precision Balancing Group

Ryan Hilbert
549 Pine Tree Dr
Fond du Lac, WI 54935

August Winter & Sons

920-979-3825
rhilbert@pbgtab.com

03/02/2026

Proposal for Mayville WWTP Field Order #008:

Provide NEBB certified test and balance report for the following. Functional performance test 1 IF. Price is based off plan and spec dated 2/27/2026.

\$875.00

Terms & Conditions

- Quote is good for 30 days from proposal date.
- Prices are for normal business hours. Special conditions or scheduling changes that require premium time will be billed accordingly.
- The daily minimum charge may be applied to jobs requesting tab services, that are not ready for tab per coordination or scheduling. As well as lost time due to circumstances out of PBG's control.

Not included in proposal

- Lift Rental if needed
- Control Contractor if needed
- Preconstruction Air/Hydronic Survey
- Duct Air Leakage Testing (If mechanical contractor needs TAB to perform, please figure \$1050.00 per trip)
- Equipment Start-up
- Hydronic tab of plumbing system
- Belts and Sheaves

**PRECISION
BALANCING
GROUP**



W4648 County Rd. G
P.O. Box 436
Merrill, WI 54452
(715) 536-2102 Phone
(715) 536-8793 Fax
www.taylorinsulation.net

Taylor Insulation Co., Inc.

Project Name: Field Order #8.

Date: 03/06/25

Materials and Labor for Field Order #8: -----\$1,580

Notes:

- Price built per plans and specs.
- All work to be done on straight time.
 - **Above price includes:**
 - Exhaust duct from damper to exterior wall.
 - Taxes.
 - **Above price does not include:**
 - Lifts.



CHANGE ORDER

To: Karley Krupp
CD Smith
Ph: 920-979-8756
Email: kkrupp@cdsmith.com

Date: 3/9/2026
Project Name: Mayville WWTF
Location: Mayville, WI
Proposal No: M2735 – FO.008
RFP: HVAC Snorkel Ducting Fan

Van Ert Electric Co. is pleased to furnish this Proposal for installation of wiring, material and equipment for the above referenced project. This proposal is submitted per your request and includes the clarifications listed within.

"By submission of its bid, Van Ert Electric Company, Inc. reserves the right to negotiate mutually acceptable contract terms, including review of any applicable Prime contract provisions, upon award of the work."

Labor.....	\$2,152.00
Materials	\$570.00
Equipment	\$140.00
OH&P.....	\$429.00

Scope of Work:

- Provide and install conduit, wire, associated fittings and breaker for exhaust fan for HVAC snorkel duct.
- Provide and install switch to turn snorkel fan on and off per document notes.

Clarifications:

- All work to be performed during normal business hours, Monday through Friday, 7am to 4pm
- Due to the fluctuating cost and availability of commodity & distribution materials, pricing will need to be verified upon the acceptance of this proposal.
- Van Ert Electric Company, Inc. reserves the right in its sole discretion to add surcharge(s) to the quotation and/or invoice for increased costs related to, without limitation, freight, fuel, and/or tariffs.
- Pricing is valid for (25) days

Proposal may be withdrawn if not accepted by: 25 Days

Payment to be made as follows: 30 Days

Authorized Signature: _____

Andy Gross

Title: Project Manager

Phone Number: 262.900.2065

The above prices, specifications, and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature of Acceptance: _____

Date of Acceptance: _____

Please return executed proposal by emailing to: agross@vanert.com

We appreciate the opportunity to submit our proposal on this project. If you have any questions or concerns, please feel free to contact Andy Gross @ 262.900.2065

FIELD ORDER NO.: 8 REVISION 2

Owner:	City of Mayville	Owner's Project No.:	00052025
Engineer:	MSA Professional Services, Inc.	Engineer's Project No.:	00052028
Contractor:	C.D. Smith Construction, Inc.	Contractor's Project No.:	
Project:	City of Mayville WWTF Upgrade		
Contract Name:	General Construction		
Date Issued:	December 19, 2024	Effective Date of Field Order:	3/19/2026

Contractor is hereby directed to promptly perform the Work described in this Field Order, issued in accordance with Paragraph 11.04 of the General Conditions, for minor changes in the Work without changes in Contract Price or Contract Times. If Contractor considers that a change in Contract Price or Contract Times is required, submit a Change Proposal before proceeding with this Work.

Reference:

Specification Section(s): 11 53 13, 23 00 00

Drawing(s) / Detail(s): 800H101

Description:

Provide clarification notes to HVAC and Electrical sheets relating to the TSS heater snorkel and fan as described 11 53 13 – 6. This includes updated drawings showing finalized duct routing, as well as penetration location. Associated electrical plans, schedules, and routing remain the same as FO 008.

Attachments:

800H101

Issued by Engineer

By: Steven Sell
Title: Project Manager
Date: 03/19/2026

CTURERS REQUIREMENTS.

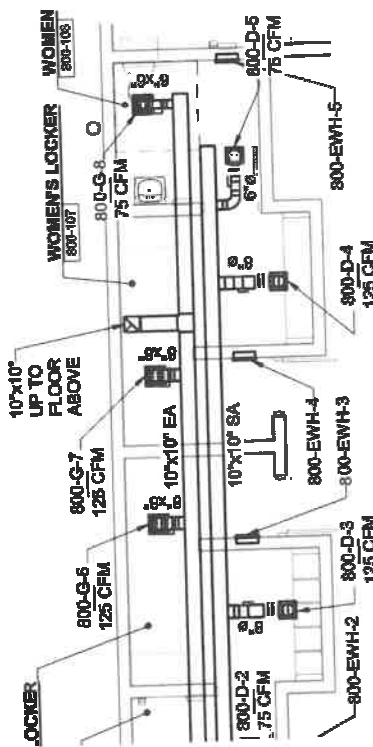
TH SCREWLESS CONSTRUCTION.
3M VERTICAL DUCT, BACKDRAFT
DIMINUTELY 30" AFF. COORDINATE
R PROVIDED DRIVER

FLOW AND ACCESS INTO WALL

N SPACE. PROVIDE
G BRACKET. ANGLE HEATER DOWN

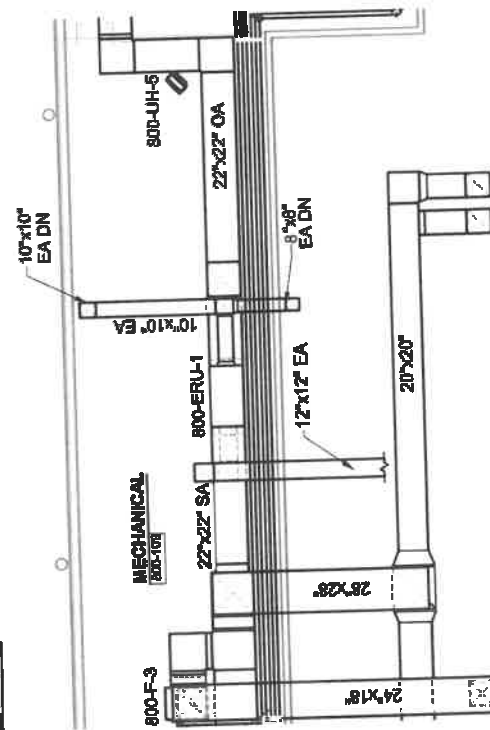
AP AT EXTERIOR OF BUILDING.
RFERING WITH STRUCTURAL

HAULIST SYSTEM. COORDINATE
OFF



AN - UNDER PLATFORM

8 12



FIELD ORDER NO.: 8

Owner: City of Mayville
Engineer: MSA Professional Services, Inc.
Contractor: C.D. Smith Construction, Inc.
Project: City of Mayville WWTF Upgrade
Contract Name: General Construction
Date Issued: December 19, 2024
Owner's Project No.: 00052025
Engineer's Project No.: 00052028
Contractor's Project No.:
Effective Date of Field Order: 2/27/2026

Contractor is hereby directed to promptly perform the Work described in this Field Order, issued in accordance with Paragraph 11.04 of the General Conditions, for minor changes in the Work without changes in Contract Price or Contract Times. If Contractor considers that a change in Contract Price or Contract Times is required, submit a Change Proposal before proceeding with this Work.

Reference:

Specification Section(s): 11 53 13, 23 00 00

Drawing(s) / Detail(s): 800H101, 800E101, 999H602, 999E603, 999E609

Description:

Provide clarification notes to HVAC and Electrical sheets relating to the TSS heater snorkel and fan as described 11 53 13 – 6. This includes updated drawings showing preferred duct routing, as well as penetration location and associated electrical plans, schedules, and routing.

Attachments:

800H101, 800E101, 999H602, 999E603, 999E609

Issued by Engineer

By: Steven Sell
Title: Project Manager
Date: 02/27/2026

WIRING SCHEDULES FOR WIRING OF ALL PROCESS AND INSTRUMENTATION EQUIPMENT.
 3) IN FIELD DEVICE WIRING SCHEDULE
 4) COMMUNICATIONS CABLING REQUIREMENTS.
 5) HARDWARE USAGE REQUIREMENTS FOR THE ENVIRONMENT CLASSIFICATION SCHEDULED FOR EACH SPACE.
 6) WIRING FOR EXTERIOR AND ANY UNLISTED SPACES.

7) FIELD CONTROL AND SWITCHES BY DIVISION 23 MANUFACTURER. PROVIDE CONDUIT AND WALL BOX FOR
 8) R.
 9) INSTALL RECEPTACLE ABOVE COUNTER CABINETRY.
 10) ER. PROVIDE (3) #10 AND #10G IN 3/4" CONDUIT FOR EQUIPMENT. REFER TO PANEL SCHEDULES.
 11) WITED UNDERNEATH CONFERENCE ROOM TABLE.
 12) ACEWAY AND INTERCONNECT WIRING PER MANUFACTURER'S REQUIREMENTS.
 13) SWITCH ARE INTEGRAL TO CHEMICAL FUME HOOD UNIT AND FACTORY WIRING. PROVIDE CONDUIT AND
 14) L JUNCTION BOX ON THE ROOF OF THE FUME HOOD UNIT.
 15) EMELY SUPPLIER ELECTRICAL CONTRACTOR TO PROVIDE DEVICES, COVER PLATES, WIRING, AND CONDUIT.
 16) PROVIDE SWITCH AND INTERLOCK SWITCH WITH OPERATION OF EXHAUST FAN AS INDICATED BY THE HOME RUN.
 17) SH AND BOTTOM OF WINDOW. INSTALL DUPLEX RECEPTACLE BOXES IN A HORIZONTAL POSITION IF

18) R CABINET WITH MAIN DISCONNECT AND METER SOCKET PER DETAIL 2805-400. EQUIPMENT RACK SHALL BE A
 19) MINUTE WITH CONCRETE ENCASED DUCT BANKS AS REQUIRED.
 20) LING PER DETAIL 2805-301.
 21) EL. LOCATE SPARE 4" CONDUIT BELOW POWER DISTRIBUTION PANEL. INSTALL PER DETAIL 2805-301.
 22) PLAN FOR CONSTRUCTION DETAILS AND CONDUIT REQUIREMENTS.
 23) USE TYPE COVER FOR CONDENSER UNITS.
 24) -OR OVERHEAD DOOR OPERATOR.
 25) TO DOOR OPERATOR.
 26) ED FLOOR TO TOP LEFT-HAND CORNER OF TV.
 27) ED IF GFCI BREAKERS ARE UNAVAILABLE WHEN ORDERING 800-INV-1.
 28) TAIL 2805-001.

29) DIVISION OF THE SPECIFICATIONS. CIRCUIT TO 800-LP-1-R. PROVIDE (2) #12 AND #12G IN 3/4" CONDUIT FOR
 30) IER 800-WB-1. COORDINATE LOCATION WITH PLUMBING DRAWINGS.
 31) NDER ANOTHER DIVISION OF THE SPECIFICATIONS. CIRCUIT TO 800-LP-1-R. PROVIDE (2) #12(G) IN 3/4" CONDUIT
 32) TAIL 2805-008.
 33) SYSTEM. PROVIDE CONDUIT AND CONDUCTORS AS REQUIRED. REFER TO DETAIL 2805-008.
 34) E CEILING FOR DOOR STRIKE SYSTEM PROVIDED UNDER ANOTHER DIVISION OF THE SPECIFICATIONS AND
 35) E THE FOLLOWING COMPONENTS FOR THE DOORBELL SYSTEM AND LOCATE IN THE VESTIBULE CEILING.
 36) ONDS. FIELD COORDINATE EXACT TIME WITH OWNER. EDWARDS SIGNALING 500 SERIES TRANSFORMER.
 37) IER TYPE OF DEVICES SHOWN.
 38) M. DOORBELL SHALL BE EDWARDS SIGNALING 600 SERIES OR EQUAL. PROVIDE CONCEALED LOW VOLTAGE
 39) TEM. AUDIBLE SIGNAL SHALL BE EDWARDS SIGNALING C210-W OR EQUAL. PROVIDE CONCEALED LOW

40) PROVIDE JUNCTION BOX ABOVE CEILING WITH 1" CONDUIT ROUTED BACK TO 800-LP-1-L
 41) ; ADMINISTRATION BUILDING BY GENERAL CONTRACTOR. SALVAGE EXISTING DISHWASHER 240VAC 60A
 42) ; CIRCUIT AS SHOWN. PROVIDE #6, 1-#10G CONDUCTORS IN 3/4" CONDUIT.

CLASSIFICATIONS

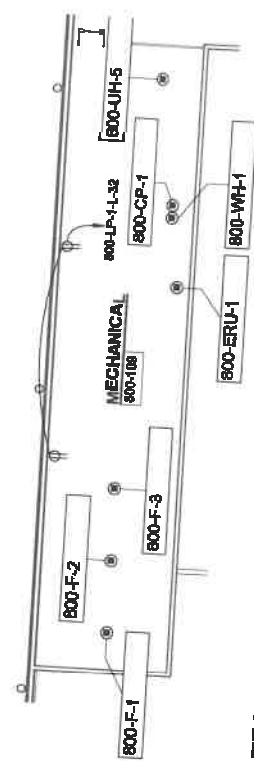
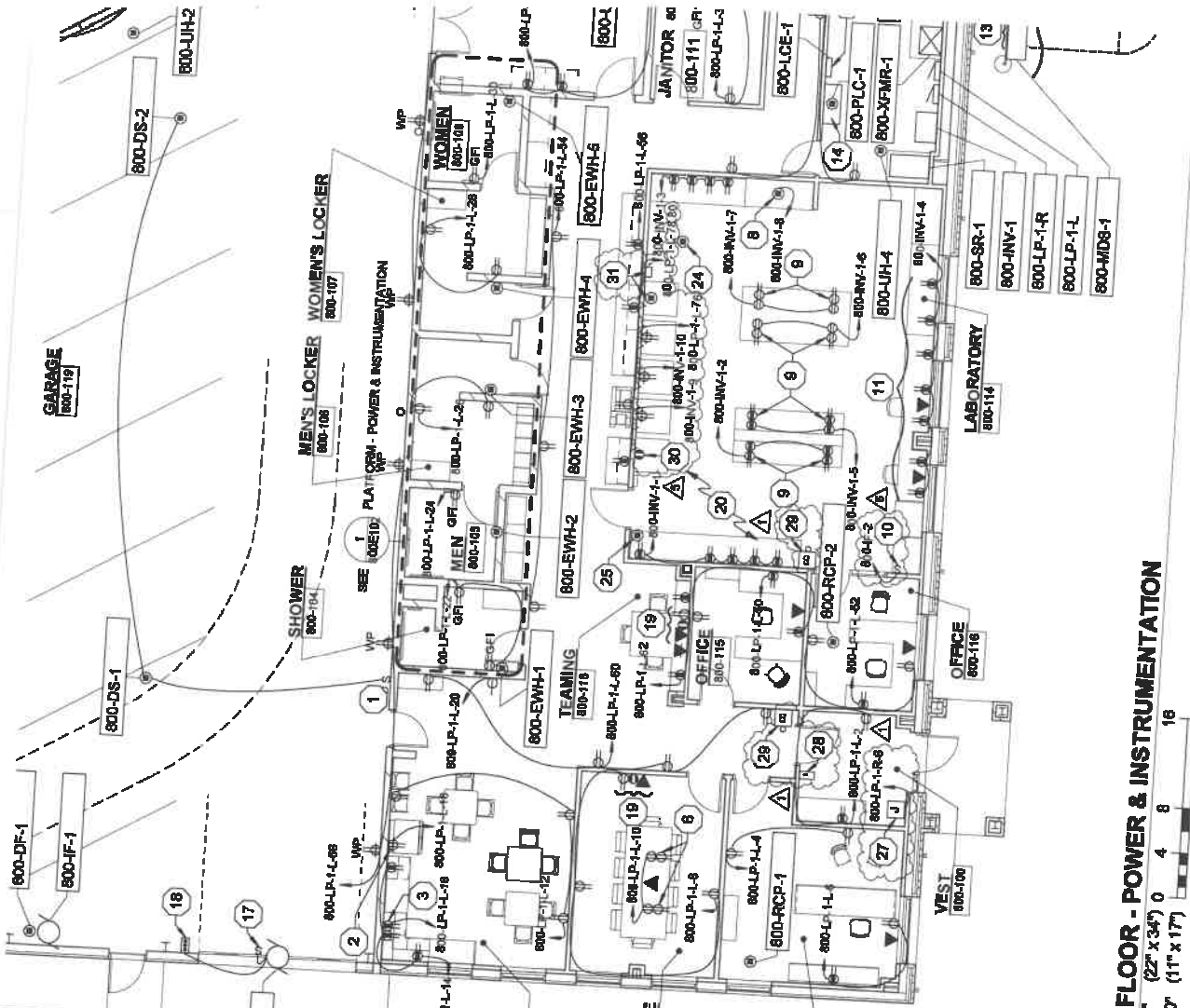
ENVIRONMENT CLASSIFICATIONS

SHED, DRY, NEW CONSTRUCTION
SHED, DRY, NEW CONSTRUCTION
SHED, DRY, NEW CONSTRUCTION
SHED, DRY, NEW CONSTRUCTION
SHED, WET, NEW CONSTRUCTION
SHED, DAMP, NEW CONSTRUCTION
SHED, DAMP, NEW CONSTRUCTION
SHED, DAMP, NEW CONSTRUCTION
SHED, DAMP, NEW CONSTRUCTION
SHED, DRY, NEW CONSTRUCTION
SHED, DRY, NEW CONSTRUCTION
SHED, DAMP, NEW CONSTRUCTION
SHED, DAMP, NEW CONSTRUCTION
SHED, DRY, NEW CONSTRUCTION
SHED, DRY, NEW CONSTRUCTION
SHED, DRY, NEW CONSTRUCTION
SHED, DRY, NEW CONSTRUCTION



FIRST FLOOR - POWER & INSTRUMENTATION

1/8" = 1'-0" (22' x 34") 0 4 8
 1/16" = 1'-0" (11" x 17")



BY B.A.S.	ROOF CURB	GREENHECK CUE-200-VG	480 V	3	1.2.3.4.6.22.
BY B.A.S.	ROOF CURB	GREENHECK CUE-160-A-XP	480 V	3	1.2.3.4.6.10.19.22.29.
BY B.A.S.	ROOF CURB	GREENHECK CUE-160-VG	480 V	3	1.2.3.4.6.22.
BY B.A.S.	ROOF CURB	GREENHECK CUE-160-VG	480 V	3	1.2.3.4.6.22.
BY B.A.S.	ROOF CURB	GREENHECK CUE-160-VG	480 V	3	1.2.3.4.6.22.
BY B.A.S.	ROOF CURB	GREENHECK CUE-140-VG	480 V	3	1.2.3.4.6.22.
BY B.A.S.	ROOF CURB	GREENHECK CUE-80-VG	120 V	1	1.2.3.4.6.22.
BY B.A.S.	ROOF CURB	GREENHECK CUE-160-VG	480 V	3	
		GREENHECK CUE-130-A	480 V	3	
BY B.A.S.		GREENHECK CUE-140-A-XP	208 V	1	1.2.3.4.6.10.19.22.30.33.
BY B.A.S.	WALL MOUNT				

DEL	VOLTAGE	PHASE	Comments
37MC	120 V	1	1.2.4.11.13.14.
37MC	120 V	1	1.2.4.11.13.14.
37MC	120 V	1	1.2.4.11.13.14.

DIFFUSERS				MANUF. MODEL	Commer
Mark	SERVICE	NECK SIZE	DUCT CONN. SIZE	VOLUME DAMPER LOCATION	AIR PATTERN
800-D-1	PLAQUE DIFFUSER	12x12	8"Ø	DUCT TAKEOFF	4-WAY
800-D-2	PLAQUE DIFFUSER	12x12	8"Ø	DUCT TAKEOFF	4-WAY
800-D-3	PLAQUE DIFFUSER	12x12	8"Ø	DUCT TAKEOFF	4-WAY
800-D-4	PLAQUE DIFFUSER	12x12	8"Ø	DUCT TAKEOFF	4-WAY
800-D-5	PLAQUE DIFFUSER	12x12	8"Ø	DUCT TAKEOFF	4-WAY
800-D-6	PLAQUE DIFFUSER	24x24	8"Ø	DUCT TAKEOFF	4-WAY
800-D-7	PLAQUE DIFFUSER	24x24	8"Ø	DUCT TAKEOFF	4-WAY
800-D-8	PLAQUE DIFFUSER	24x24	8"Ø	DUCT TAKEOFF	4-WAY
800-D-9	PLAQUE DIFFUSER	24x24	8"Ø	DUCT TAKEOFF	4-WAY
800-D-10	PLAQUE DIFFUSER	24x24	8"Ø	DUCT TAKEOFF	4-WAY
800-D-11	PLAQUE DIFFUSER	24x24	8"Ø	DUCT TAKEOFF	4-WAY

COR 022 - Response to RFIs 081 & 097
STR 800 Relocation & Reroute of condensing
units and furnace venting



PCI #COR0022

C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935
Phone: 1 920 924.2900

Project: 240224 - Mayville WWTF 2024 Upgrade
400 Kekoskee Street
Mayville, WI 53050

Potential Change Item #COR0022

WCD 08 - Str. 800 Furnace and Condenser Line Set Runs

To:	City Of Mayville 15 S School Street Mayville, WI 53050	From:	C.D. Smith Construction, Inc. 125 Camelot Drive Fond du Lac WI, 54935
Status:	Pricing-No Forecast	Created Date	2026-03-23
Schedule Impact:		OCO Number:	

POTENTIAL CHANGE ITEM SCOPE DESCRIPTION: *(The Contract Is Changed As Follows)*

Rerouting of Furnace Vent Piping and Condenser Unit Line Set Locations - Code Compliant (Option 1)

ATTACHMENTS:

Description	Cost Code	Category	Quantity	W/M	Rate	Final Amount
Electrical	260000	S		LS	\$	\$7,510.00
Process Piping - Wastewater - Option 1	400000	S		LS	\$	\$18,725.00
Bond:						\$275.47
Subcontract Markup (5%):						\$1,311.75
Grand Total:						\$27,822.22

City Of Mayville
15 S School Street
Mayville, WI 53050

SIGNATURE

DATE

C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935

Karley Krupp

Digitally signed by Karley Krupp
Date: 2026.04.09 13:34:27-05'00'

SIGNATURE

DATE

City Signature on next page for Option 1.
This page provides cost associated with
Option 1 only as Option 2 was eliminated.

C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935
Phone: 1 920 924.2900

Project: 240224 - Mayville WWTF 2024 Upgrade
400 Kekoskee Street
Mayville, WI 53050

Potential Change Item #COR0022

WCD 08 - Str. 800 Furnace and Condenser Line Set Runs

To:	City Of Mayville 15 S School Street Mayville, WI 53050	From:	C.D. Smith Construction, Inc. 125 Camelot Drive Fond du Lac WI, 54935
Status:	Pricing-No Forecast	Created Date	2026-03-23
Schedule Impact:	6 Days	OCO Number:	

POTENTIAL CHANGE ITEM SCOPE DESCRIPTION: *(The Contract Is Changed As Follows)*

Rerouting of Furnace Vent Piping and Condenser Unit Line Set Locations - Code Compliant (Option 1) and PVC (Option 2)

ATTACHMENTS:

Description	Cost Code	Category	Quantity	W/M	Rate	Final Amount
Electrical	260000	S		LS	\$	\$7,510.00
Process Piping - Wastewater - Option 1	400000	S		LS	\$	\$18,725.00
Process Piping - Wastewater - Option 2	400000	S		LS	\$	\$16,022.00
Bond:						\$443.70
Subcontract Markup (5%):						\$2,112.85
Grand Total:						\$44,813.55

City Of Mayville
15 S School Street
Mayville, WI 53050

SIGNATURE

DATE

C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935

Karley Krupp

SIGNATURE

DATE

Cost for Option 1 only
on previous page.

Digitally signed by Karley Krupp
Date: 2026.04.03
07:04:23-05'00'



AUGUST WINTER & SONS, INC.
MECHANICAL CONTRACTOR & FABRICATOR

www.augustwinter.com

2323 N. Roemer Road
Appleton, WI 54911
PO Box 1896
Appleton, WI 54912-1896
P: (920) 739-8881
F: (920) 739-2230

5613 Schofield Ave.
Schofield, WI 54476
P: (715) 355-7555
F: (715) 355-9048

March 31, 2026

Karley Krupp
CD Smith

009-1

CHANGE ORDER PRICE AND BREAKDOWN

Project/Job#: Mayville WWTP 92125

Description: RFI 081, 097, 099, & COR's 019, 022 Furnace & WH Venting Code Compliant

Our change order price and breakdown follows:

August Winter

Material.....	\$	4,271
Labor**..... 90 hrs	\$	9,458
Direct Costs.....	\$	2,554
Subtotal.....	\$	16,283
Overhead.....	\$	2,442
Subsistence.....	\$	-
Total.....	\$	18,725

Equipment

Total Equipment Costs.....	\$	-
Equipment Markup.....	\$	-
Total Equipment Costs w/overhead.....	\$	-

Subcontracts

Total Subcontractor Costs.....	\$	-
Subcontractor Markup.....	\$	-
Total Subcontractor Costs w/overhead.....	\$	-

Total AWS/Subcontractor Costs.....	\$	18,725
Profit/Bond.....	\$	-

Change Order Total..... \$ 18,725

Time extension required is 6 days.

This quotation based upon acceptance within 30 days.

** Labor rate may include multiple trades with straight and premium time.

Exclusions: slurry/flowable fill for abandonment, bypassing for sewer tie ins

Dave Thiel

August Winter & Sons, Inc.
PH: 920-739-8881 FX: 920-739-2230

VISIT OUR WEB SITE AT WWW.AUGUSTWINTER.COM

Branch Office: 5613 Schofield Avenue * Schofield, WI 54476 * PH: 715/355-7555 * FAX: 715/355-9048

HVAC * PLUMBING * TANK FABRICATION * PROCESS PIPING * IND. SHEETMETAL

SPECIALTY METAL FAB. * ASME PRESSURE VESSELS * ASME CODE WELDING * 24 HR. SERVICE * ENGINEERING

STATE OF WISCONSIN LICENSED MASTER PLUMBERS, LICENSE NUMBER 871958

August Winter Sons, Inc.
Change Order/Small Projects Report

Page 1

Project/Job#: Mayville WWTP 92125

Date: 3/31/2026

**Description: RFI 081, 097, 099, & COR's 019, 022 Furnace & WH Venting
Code Compliant**

MATERIAL

Material Credit w/restocking	.....	(347.00)
Material ADD	.....	\$ 4,618.00
Sales Tax	0.0%	\$ -

Material Subtotal \$ 4,271

LABOR

General Foreman Hours	8.00	@	\$ 111.32	\$ 890.56
Foreman Hours	0.00	@	\$ -	\$ -
Field Plumber/Fitter Hours - REG	110.00	@	\$ 104.48	\$ 11,492.80
Field Plumber/Fitter Hours - OT	-28.00	@	\$ 104.48	\$ (2,925.44)
Field Tinner Hours - REG	0.00	@	\$ 104.48	\$ -
Field Tinner Hours - OT	0.00	@	\$ -	\$ -
Shop Hours	0.00	@	\$ 104.48	\$ -
Operator Hours	0.00	@	\$ -	\$ -

Labor Subtotal \$ 9,458

DIRECT COSTS

Payroll Taxes + Insurance (WC and Liability)	27.0% of Labor	\$ 2,553.64
--	----------------	-------------

Subtotal \$ 2,554

Subtotal Contractor Costs

\$ 16,283

Overhead

15.0% \$ 2,442

Subsistence

\$ -

Total Contractor Costs

\$ 18,725

Equipment

	0.00	week	@	\$ -	\$ -
	0.00	week	@	\$ -	\$ -
	0.00	week	@	\$ -	\$ -
	0.00	week	@	\$ -	\$ -
	0.00	week	@	\$ -	\$ -
	0.00	week	@	\$ -	\$ -

Subtotal \$ -

Equipment Overhead

0.0% \$ -

Subtotal Equipment Costs

\$ -

SUBCONTRACTS

.....	\$ -
.....	\$ -
.....	\$ -
.....	\$ -

Total Subcontractor Costs

\$ -

Subcontractor Overhead

5.0% \$ -

Subtotal Subcontractors Costs

\$ -

NOTE: This change order does not address impact costs on base contract.

Total Contractor/Subcontractor Costs

\$ 18,725

Profit

0.0% \$ -

Bond

0.0% \$ -

Total Amount Of Change

\$ 18,725

Time extension required is **6** days.

This quotation based upon acceptance within **30** days.

Exclusions: slurry/flowable fill for abandonment, bypassing for sewer tie ins

NOTE: This change order does not address impact costs on base contract.

WORK CHANGE DIRECTIVE NO.: 8

Owner:	City of Mayville	Owner's Project No.:	00052025
Engineer:	MSA Professional Services, Inc.	Engineer's Project No.:	00052028
Contractor:	C.D. Smith Construction, Inc.	Contractor's Project No.:	
Project:	City of Mayville WWTF Upgrade		
Contract Name:	General Construction		
Date Issued:	December 19, 2024	Effective Date of Work Change Directive:	3/25/2026

Contractor is directed to proceed promptly with the following change(s):

Description:

Rerouting of furnace vent piping and condenser unit line set locations.

Attachments:

RFI 081 Response

RFI 097 Response

RFI 099 Response

Original COR 019

Purpose for the Work Change Directive:

The purpose of the Work Change Directive is to summarize the suggested locations for furnace venting and condenser lines sets according to previous communication with the general contractor regarding RFIs 081, 097, 099 and previously submitted COR 019 & future COR 022. COR 019 and COR 022 should be issued with the modified lengths and provide options for the specified vent pipe vs the upgrade in material

Directive to proceed promptly with the Work described herein, prior to agreeing to change in Contract Price and Contract Time, is issued due to:

Notes to User—Check one or both of the following

☐ Non-agreement on pricing of proposed change. ☒ Necessity to proceed for schedule or other reasons.

Estimated Change in Contract Price and Contract Times (non-binding, preliminary):

Contract Price: \$ _____ ~~[increase]~~ ~~[decrease]~~ [not yet estimated].

Contract Time: _____ days ~~[increase]~~ ~~[decrease]~~ [not yet estimated].

Basis of estimated change in Contract Price:

☐ Lump Sum ☐ Unit Price ☐ Cost of the Work ☐ Other

Recommended by Engineer

Authorized by Owner

EJCDC® C-940, Work Change Directive.

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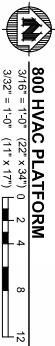
Page 1 of 2

By: Steven Sell

Title: Project Manager

Date: 3/25/2026

1 800 HVAC FIRST FLOOR PLAN - UNDER PLATFORM



800 HVAC PLATFORM

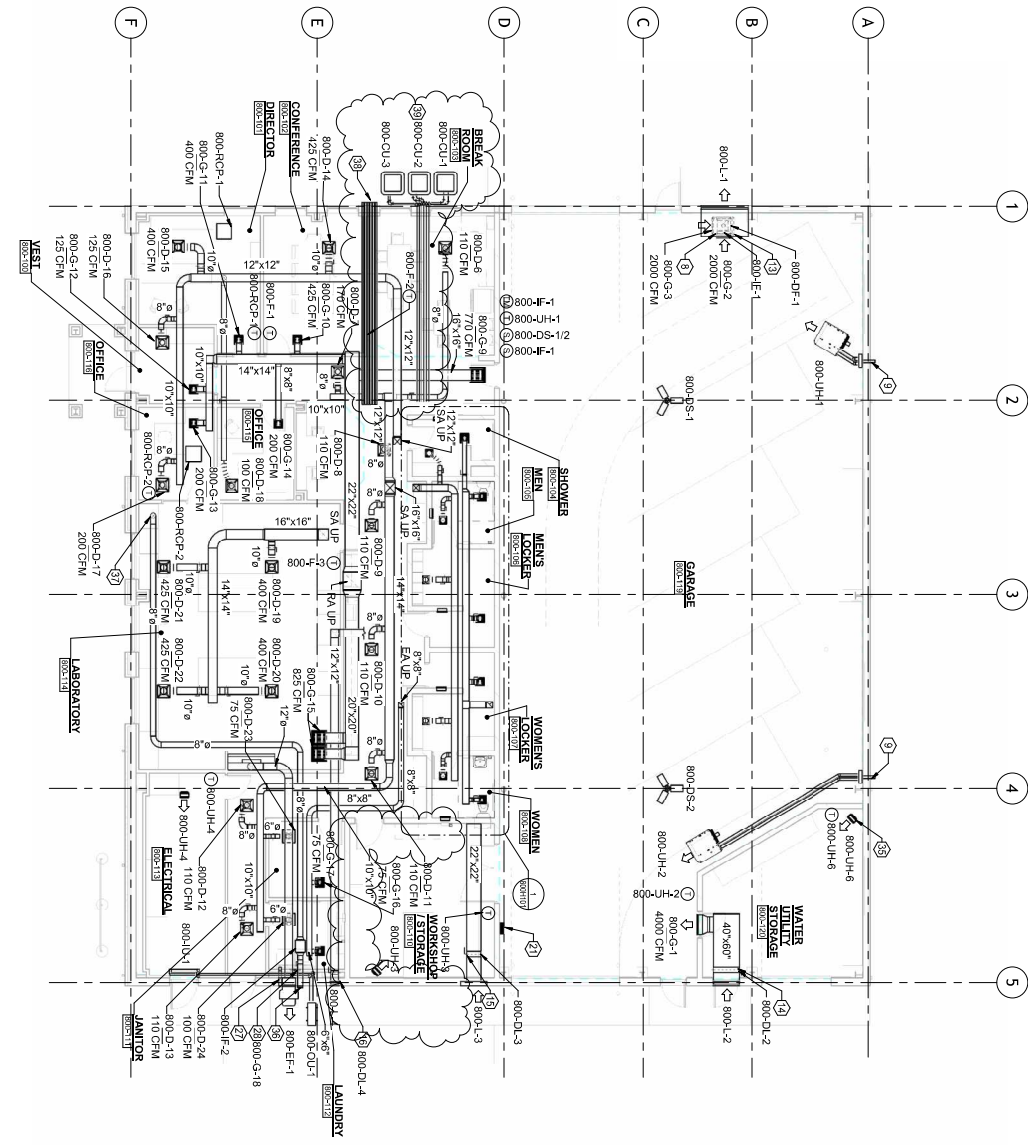

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
17102 PANKRATZ ST., MADISON WI 53704
(608) 242-7779 WWW.MSA-DB.COM
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WASTEWATER TREATMENT FACILITY UPGRADE

ADMINISTRATION BUILDING HVAC PLANS

PROJECT NO.	00052025
SHEET	800H101





C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac, Wisconsin 54935
P: (920) 924-2900
F: (920) 924-2910

Project: 240224 Mayville WWTF 2024 Upgrade
400 Kekoskee Street
Mayville, Wisconsin 53050
P: 920-387-7900

RFI #81: Furnace Venting

Revision	0	Status	Open
To	Coty Weathersby (MSA Professional Services, Inc.) Shane Dennis (MSA Professional Services, Inc.) Steve Sell (MSA Professional Services, Inc.) Leslie Deuchars (MSA Professional Services, Inc.)		From Stacie Cherney (August Winter & Sons, Inc.) 2323 N. Roemer Rd. Appleton, Wisconsin 54911
Date Initiated	Dec 22, 2025	Due Date	Dec 25, 2025
Location			
Cost Impact	Schedule Impact		
Spec Section			
Drawing Number	999H501		
Linked Drawings			
Received From	Stacie Cherney (August Winter & Sons, Inc.)		
Copies To	Stacie Cherney (August Winter & Sons, Inc.), Cory Flesch (C.D. Smith Construction, Inc.), Karley Krupp (C.D. Smith Construction, Inc.), Kayla Steger (C.D. Smith Construction, Inc.)		

Activity

Question	Question from Stacie Cherney August Winter & Sons, Inc. on Friday, Dec 19, 2025 at 10:50 AM CST Please provide a location to terminate the furnaces exhaust and combustion intake vent pipes. Please reference detail 999H501 detail 5. Would it be acceptable to have a side mount return air on the furnaces? With the height restrictions there is not enough room to mount the return air boxes on the bottom of the furnaces." Awaiting an Official Response
All Replies	Response from Leslie Deuchars MSA Professional Services, Inc. on Tuesday, Dec 30, 2025 at 09:37 AM CST There appears to be space above the east door of corridor 800-117. Maintain clearance to any operable doors. Side mounting return air is acceptable.



C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac, Wisconsin 54935
P: (920) 924-2900
F: (920) 924-2910

Project: 240224 Mayville WWTF 2024 Upgrade
400 Kekoskee Street
Mayville, Wisconsin 53050
P: 920-387-7900

RFI #97: Venting Gas-Fired Equipment

Revision	0	Status	Open
To	Leslie Deuchars (MSA Professional Services, Inc.) Coty Weathersby (MSA Professional Services, Inc.) Kerry Hackert (MSA Professional Services, Inc.) Shane Dennis (MSA Professional Services, Inc.) Steve Sell (MSA Professional Services, Inc.)		
From	Wendy Zeinert (August Winter & Sons, Inc.) N850 Cty Rd CB Appleton, Wisconsin 54914		
Date Initiated	Feb 11, 2026	Due Date	Feb 16, 2026
Location			
Cost Impact	Schedule Impact		
Spec Section			
Drawing Number			
Linked Drawings			
Received From	Eric LeBlanc (August Winter & Sons, Inc.)		
Copies To	Cory Flesch (C.D. Smith Construction, Inc.), Karley Krupp (C.D. Smith Construction, Inc.), Eric LeBlanc (August Winter & Sons, Inc.), Kayla Steger (C.D. Smith Construction, Inc.), Wendy Zeinert (August Winter & Sons, Inc.)		

Activity

Question	Question from Wendy Zeinert August Winter & Sons, Inc. on Wednesday, Feb 11, 2026 at 02:06 PM CST Since the project started, the state is updating the requirements for venting gas fired appliances and equipment. The UL 1738 venting system is expected to become the national standard in the near future. With that being said, we would normally use schedule 40 PVC to vent the appliances and equipment. We are still able to use PVC pipe and fittings, but if the code is updated in the future, any replacement of the equipment would also require replacing the venting to the new system. Should we still vent the water heater and furnaces with schedule 40 PVC, or get pricing for installing the new UL 1738 pipe and fittings? Awaiting an Official Response
All Replies	Response from Leslie Deuchars MSA Professional Services, Inc. on Thursday, Feb 12, 2026 at 01:40 PM CST Please get pricing for owner consideration.



C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac, Wisconsin 54935
P: (920) 924-2900
F: (920) 924-2910

Project: 240224 Mayville WWTF 2024 Upgrade
400 Kekoskee Street
Mayville, Wisconsin 53050
P: 920-387-7900

RFI #99: Furnace Refrigeration and Vent Piping

Revision	0	Status	Open
To	Kerry Hackert (MSA Professional Services, Inc.) Coty Weathersby (MSA Professional Services, Inc.) Leslie Deuchars (MSA Professional Services, Inc.) Shane Dennis (MSA Professional Services, Inc.) Steve Sell (MSA Professional Services, Inc.)		From Wendy Zeinert (August Winter & Sons, Inc.) N850 Cty Rd CB Appleton, Wisconsin 54914
Date Initiated	Mar 3, 2026	Due Date	Mar 6, 2026
Location			
Cost Impact	Schedule Impact		
Spec Section			
Drawing Number			
Linked Drawings			
Received From	David Thiel (August Winter & Sons, Inc.)		
Copies To	David Thiel (August Winter & Sons, Inc.), Cory Flesch (C.D. Smith Construction, Inc.), Karley Krupp (C.D. Smith Construction, Inc.), Kayla Steger (C.D. Smith Construction, Inc.), Wendy Zeinert (August Winter & Sons, Inc.)		

Activity

Question	Question from Wendy Zeinert August Winter & Sons, Inc. on Tuesday, Mar 3, 2026 at 02:21 PM CST Please reference the attached drawing. Can the (3) furnaces refrigeration and vent piping be routed out the west wall? This location would be approximately 64' of linear feet which would get us inside of the acceptable OEM line lengths for the refrigeration piping and venting. This would also include relocating (3) condensing units and the concrete pad. Attachments RFI 22 attachment.pdf
Awaiting an Official Response	
All Replies	Response from Kerry Hackert MSA Professional Services, Inc. on Wednesday, Mar 11, 2026 at 02:05 PM CDT - Provide a diagram of proposed change for final approval and prior to installation. - The furnace vents shall maintain a separation of 3 feet above or 10 feet horizontally from any operable windows or doors. - The condensing units shall be moved to keep them out of view as much as possible from windows. The installation manual for the condensing units indicates that longer distances of refrigerant piping can be accomplished through contacting distributor or through Daiken Technical Publication TP-111. Moving the condensing units to the west wall shall be at no cost to the project unless these have been investigated and deemed not acceptable.



PCI #COR0019

C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935
Phone: 1 920 924.2900

Project: 240224 - Mayville WWTF 2024 Upgrade
400 Kekoskee Street
Mayville, WI 53050

Potential Change Item #COR0019

COR 019 - Furnace and WH Venting

To:	City Of Mayville 15 S School Street Mayville, WI 53050	From:	C.D. Smith Construction, Inc. 125 Camelot Drive Fond du Lac WI, 54935
Status:	Pricing-No Forecast	Created Date	2026-02-26
Schedule Impact:	10	OCO Number:	

POTENTIAL CHANGE ITEM SCOPE DESCRIPTION: *(The Contract Is Changed As Follows)*

Furnace and WH Venting per RFI 081.

ATTACHMENTS:

Description	Cost Code	Category	Quantity	W/M	Rate	Final Amount
Process Piping - Wastewater	400000	S		LS	\$	\$28,812.00
Bond:						\$302.53
Subcontract Markup (5%):						\$1,440.60
Grand Total:						\$30,555.13

City Of Mayville
15 S School Street
Mayville, WI 53050

SIGNATURE

DATE

C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935

SIGNATURE

DATE



AUGUST WINTER & SONS, INC.
MECHANICAL CONTRACTOR & FABRICATOR

www.augustwinter.com

2323 N. Roemer Road
Appleton, WI 54911
PO Box 1896
Appleton, WI 54912-1896
P: (920) 739-8881
F: (920) 739-2230

5613 Schofield Ave.
Schofield, WI 54476
P: (715) 355-7555
F: (715) 355-9048

February 24, 2026

Karley Krupp
CD Smith

9

CHANGE ORDER PRICE AND BREAKDOWN

Project/Job#: Mayville WWTP 92125

Description: 1738 Furnace & WH Venting

Our change order price and breakdown follows:

August Winter

Material.....	\$	4,816
Labor**..... 152 hrs	\$	15,936
Direct Costs.....	\$	4,303
Subtotal.....	\$	25,054
Overhead.....	\$	3,758
Subsistence.....	\$	-
Total.....	\$	28,812

Equipment

Total Equipment Costs.....	\$	-
Equipment Markup.....	\$	-
Total Equipment Costs w/overhead.....	\$	-

Subcontracts

Total Subcontractor Costs.....	\$	-
Subcontractor Markup.....	\$	-
Total Subcontractor Costs w/overhead.....	\$	-

Total AWS/Subcontractor Costs.....	\$	28,812
Profit/Bond.....	\$	-

Change Order Total..... \$ 28,812

Time extension required is 10 days.

This quotation based upon acceptance within 30 days.

** Labor rate may include multiple trades with straight and premium time.

Exclusions: slurry/flowable fill for abandonment, bypassing for sewer tie ins

Dave Thiel

August Winter & Sons, Inc.
PH: 920-739-8881 FX: 920-739-2230

VISIT OUR WEB SITE AT WWW.AUGUSTWINTER.COM

Branch Office: 5613 Schofield Avenue * Schofield, WI 54476 * PH: 715/355-7555 * FAX: 715/355-9048

HVAC * PLUMBING * TANK FABRICATION * PROCESS PIPING * IND. SHEETMETAL

SPECIALTY METAL FAB. * ASME PRESSURE VESSELS * ASME CODE WELDING * 24 HR. SERVICE * ENGINEERING

STATE OF WISCONSIN LICENSED MASTER PLUMBERS, LICENSE NUMBER 871958

Primary Labor

Company: August Winter & Sons Inc.
JobName: Mayville WTF - 92225 - Furnace Vent CO []
Material Set: Bid
Labor Set: Full MCAA (MCAA)
Run Date: 02-24-2026 @ 13:29:58
Sort Key: By Zone/LaborCode

NOTE:
List Total is before Noah's finalized
multipliers and quote pricing

ALL

Items

Zone	Labor Code	Description	Qty/Ft	Job Fact	Labor Total	Excel CF	Final Labor	2-Man Days	Subtotal TMD	Subtotal Hours	Avg/Ft TMD	Avg/Ft Hour	Pipe Ft/ Hanger	Hanger Count	Pipe Ft Total
Deduct - Furnace Venting	2050-0	PIPE PVC40 4in & Dn	60	1.00	4.2	1.00	4.2	0.3							
Deduct - Furnace Venting	2050-1	FTGS PVC40 4in & Dn	24	1.00	12.1	1.00	12.1	0.8							
Deduct - Furnace Venting	3400-0	*****MISC*****	42	1.00	0.0	1.00	0.0	0.0							
Deduct - Furnace Venting	3401-0	Hangers	12	1.00	11.9	1.00	11.9	0.7	1.8	28.2	34.0	2.1	5.0	12.0	60.0
TOTALS:			138		28.2		28.2	1.8	1.8	28.2	0.0	0.0	#DIV/0!	0.0	0.0

Primary Labor

Company: August Winter & Sons Inc.
JobName: Mayville WTF - 92225 - Furnace Vent CO []
Material Set: Bid
Labor Set: Full MCAA (MCAA)
Run Date: 02-24-2026 @ 13:43:38
Sort Key: By Zone/LaborCode

NOTE:
List Total is before Noah's finalized
multipliers and quote pricing

ALL

Items



Zone	Labor Code	Description	Qty/Ft	Job Fact	Labor Total	Excel CF	Final Labor	2-Man Days	Subtotal TMD	Subtotal Hours	Avg/Ft TMD	Avg/Ft Hour	Pipe Ft/ Hanger	Hanger Count	Pipe Ft Total
ADD - Furnace Venting	2050-0	PIPE PVC40 4in & Dn	530	1.00	36.9	1.00	36.9	2.3							
ADD - Furnace Venting	2050-1	FTGS PVC40 4in & Dn	67	1.00	30.1	1.00	30.1	1.9							
ADD - Furnace Venting	3400-0	*****MISC*****	122	1.00	0.0	1.00	0.0	0.0							
ADD - Furnace Venting	3401-0	Hangers	107	1.00	105.7	1.00	105.7	6.6	10.8	172.7	49.1	3.1	5.0	107.0	530.0
TOTALS:			826		172.7		172.7	10.8	10.8	172.7	0.0	0.0	#DIV/0!	0.0	0.0

Company: August Winter & Sons Inc.

JobName: Mayville WTF - 92225 - Furnace Vent CO []

Material Set: Bid

Labor Set: Full MCAA (MCAA)

Run Date: 02-24-2026 @ 13:29:58

Sort Key: By Zone

Zone	Qty	Size	Description	Price Total	Labor Total
Deduct - Furnace Venting	60	3	Sch 40 PVC DWV PE Pipe	\$ 67.20	4.2
	3	3x1/2	PVC Sch 40 Red Tee w/FIPT Branch	\$ 30.77	3.78
	3	3	PVC DWV Fitting Cleanout w/CO PI	\$ 9.62	1.02
	3	3	PVC DWV San Tee	\$ 15.96	1.65
	9	3	PVC DWV 1/4 Bend	\$ 32.84	3.42
	6	3	PVC DWV 1/8 Bend	\$ 19.62	2.28
	42	3	Solvent Weld Joints	\$ 21.00	0.0
	12	3	Plain Clevis Hanger Assembly	\$ 149.71	11.88
	138	(SUBTOTAL)		\$ 346.74	28.23
138.0 (TOTAL)				\$ 346.74	28.23

Company: August Winter & Sons Inc.

JobName: Mayville WTF - 92225 - Furnace Vent CO []

Material Set: Bid

Labor Set: Full MCAA (MCAA)

Run Date: 02-24-2026 @ 13:43:38

Sort Key: By Zone

Zone	Qty	Size	Description	Price Total	Labor Total
ADD - Furnace Venting	20	2	Sch 40 PVC DWV PE Pipe	\$ 59.85	1.2
	510	3	Sch 40 PVC DWV PE Pipe	\$ 2,998.80	35.7
	6	3x1/2	PVC Sch 40 Red Tee w/FIPT Branch	\$ 103.66	7.56
	25	3	PVC DWV Coupling	\$ 170.25	9.25
	6	3x2	PVC DWV Reducer	\$ 59.22	1.92
	18	3	PVC DWV 1/4 Bend	\$ 252.63	6.84
	12	3	PVC DWV 1/8 Bend	\$ 150.96	4.56
	6	2	Solvent Weld Joints	\$ 1.98	0.0
	116	3	Solvent Weld Joints	\$ 58.00	0.0
	4	2	Plain Clevis Hanger Assembly	\$ 22.77	3.72
	103	3	Plain Clevis Hanger Assembly	\$ 1,285.05	101.97
ADD - Furnace Venting		826	(SUBTOTAL)	\$ 5,163.17	172.72
		826.0	(TOTAL)	\$ 5,163.17	172.72



C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac, Wisconsin 54935
P: (920) 924-2900
F: (920) 924-2910

Project: 240224 Mayville WWTF 2024 Upgrade
400 Kekoskee Street
Mayville, Wisconsin 53050
P: 920-387-7900

RFI #81: Furnace Venting

Revision	0	Status	Closed on 12/30/25
To	Coty Weathersby (MSA Professional Services, Inc.) Shane Dennis (MSA Professional Services, Inc.) Steve Sell (MSA Professional Services, Inc.) Leslie Deuchars (MSA Professional Services, Inc.)		From Stacie Cherney (August Winter & Sons, Inc.) 2323 N. Roemer Rd. Appleton, Wisconsin 54911
Date Initiated	Dec 22, 2025	Due Date	Dec 25, 2025
Location			
Cost Impact	Schedule Impact		
Spec Section			
Drawing Number	999H501		
Linked Drawings			
Received From	Stacie Cherney (August Winter & Sons, Inc.)		
Copies To	Stacie Cherney (August Winter & Sons, Inc.), Matt Conradt (August Winter & Sons, Inc.), David Thiel (August Winter & Sons, Inc.), Eric Fane (August Winter & Sons, Inc.), Cory Flesch (C.D. Smith Construction, Inc.), Karley Krupp (C.D. Smith Construction, Inc.), Eric LeBlanc (August Winter & Sons, Inc.), Jeff Luczak (August Winter & Sons, Inc.), Kayla Steger (C.D. Smith Construction, Inc.), Andrew Wyman (August Winter & Sons, Inc.), Wendy Zeinert (August Winter & Sons, Inc.)		

Activity

Question	Question from Stacie Cherney August Winter & Sons, Inc. on Friday, Dec 19, 2025 at 10:50 AM CST Please provide a location to terminate the furnaces exhaust and combustion intake vent pipes. Please reference detail 999H501 detail 5. Would it be acceptable to have a side mount return air on the furnaces? With the height restrictions there is not enough room to mount the return air boxes on the bottom of the furnaces."
Official Response	Response from Leslie Deuchars MSA Professional Services, Inc. on Tuesday, Dec 30, 2025 at 09:37 AM CST There appears to be space above the east door of corridor 800-117. Maintain clearance to any operable doors. Side mounting return air is acceptable.
All Replies	Response from Leslie Deuchars MSA Professional Services, Inc. on Tuesday, Dec 30, 2025 at 09:37 AM CST There appears to be space above the east door of corridor 800-117. Maintain clearance to any operable doors. Side mounting return air is acceptable.



CHANGE ORDER

To: Karley Krupp
CD Smith
Ph: 920-979-8756
Email: kkrupp@cdsmith.com

Date: 3/9/2026
Project Name: Mayville WWTF
Location: Mayville, WI
Proposal No: M2735 – FO
RFP: Relocate 3 Condensing Units

Van Ert Electric Co. is pleased to furnish this Proposal for installation of wiring, material and equipment for the above referenced project. This proposal is submitted per your request and includes the clarifications listed within.

“By submission of its bid, Van Ert Electric Company, Inc. reserves the right to negotiate mutually acceptable contract terms, including review of any applicable Prime contract provisions, upon award of the work.”

Labor.....	\$4,756.00
Materials	\$1,398.00
Equipment	\$377.00
OH&P.....	\$979.00

Scope of Work:

- Provide and install conduit, wire, associated fittings, hangers and supports to relocate Condensing units to west side of building 800.

Clarifications:

- All work to be performed during normal business hours, Monday through Friday, 7am to 4pm
- Due to the fluctuating cost and availability of commodity & distribution materials, pricing will need to be verified upon the acceptance of this proposal.
- Van Ert Electric Company, Inc. reserves the right in its sole discretion to add surcharge(s) to the quotation and/or invoice for increased costs related to, without limitation, freight, fuel, and/or tariffs.
- Pricing is valid for (25) days

Proposal may be withdrawn if not accepted by: 25 Days

Payment to be made as follows: 30 Days

Authorized Signature:

Andy Gross

Title: Project Manager

Phone Number: 262.900.2065

The above prices, specifications, and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature of Acceptance:

Date of Acceptance:

Please return executed proposal by emailing to: agross@vanert.com

We appreciate the opportunity to submit our proposal on this project. If you have any questions or concerns, please feel free to contact Andy Gross @ 262.900.2065

COR 023 - Response to RFI 102
STR 800 addition of EF-800-1 Damper

C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935
Phone: 1 920 924.2900

Project: 240224 - Mayville WWTF 2024 Upgrade
400 Kekoskee Street
Mayville, WI 53050

Potential Change Item #COR0023

COR 023 - EF-800-1 Damper

To:	City Of Mayville 15 S School Street Mayville, WI 53050	From:	C.D. Smith Construction, Inc. 125 Camelot Drive Fond du Lac WI, 54935
Status:	Pricing-No Forecast	Created Date	2026-03-25
Schedule Impact:		OCO Number:	

POTENTIAL CHANGE ITEM SCOPE DESCRIPTION: *(The Contract Is Changed As Follows)*

Per RFI 102, contractor shall provide duct sized backdraft damper.

ATTACHMENTS:

Description	Cost Code	Category	Quantity	W/M	Rate	Final Amount
Process Piping - Wastewater	400000	S		LS	\$	\$828.00
Bond:						\$8.69
Subcontract Markup (5%):						\$41.40
Grand Total:						\$878.09

City Of Mayville
15 S School Street
Mayville, WI 53050


SIGNATURE

DATE

C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935

Karley Krupp

Digitally signed by Karley Krupp
Date: 2026.03.25 10:20:46-05'00'

SIGNATURE

DATE



AUGUST WINTER & SONS, INC.

MECHANICAL CONTRACTOR & FABRICATOR

www.augustwinter.com

Appleton, WI 54911
PO Box 1896
Appleton, WI 54912-1896
P: (920) 739-8881
F: (920) 739-2230

5613 Schofield Ave.
Schofield, WI 54476
P: (715) 355-7555
F: (715) 355-9048

March 23, 2026

Karley Krupp
CD Smith

12

CHANGE ORDER PRICE AND BREAKDOWN

Project/Job#: Mayville WWTP 92125
Description: RFI 24 800-EF-1 Damper

Our change order price and breakdown follows:

August Winter

Material.....	\$	189
Labor**..... 4 hrs	\$	418
Direct Costs.....	\$	113
Subtotal.....	\$	720
Overhead.....	\$	108
Subsistence.....	\$	-
Total.....	\$	828

Equipment

Total Equipment Costs.....	\$	-
Equipment Markup.....	\$	-
Total Equipment Costs w/overhead.....	\$	-

Subcontracts

Total Subcontractor Costs.....	\$	-
Subcontractor Markup.....	\$	-
Total Subcontractor Costs w/overhead.....	\$	-

Total AWS/Subcontractor Costs.....	\$	828
Profit/Bond.....	\$	-

Change Order Total..... \$ 828

Time extension required is 0 days.

This quotation based upon acceptance within 30 days.

** Labor rate may include multiple trades with straight and premium time.

Exclusions: slurry/flowable fill for abandonment, bypassing for sewer tie ins

Dave Thiel

August Winter & Sons, Inc.
PH: 920-739-8881 FX: 920-739-2230

VISIT OUR WEB SITE AT WWW.AUGUSTWINTER.COM

Branch Office: 5613 Schofield Avenue * Schofield, WI 54476 * PH: 715/355-7555 * FAX: 715/355-9048

HVAC * PLUMBING * TANK FABRICATION * PROCESS PIPING * IND. SHEETMETAL

SPECIALTY METAL FAB. * ASME PRESSURE VESSELS * ASME CODE WELDING * 24 HR. SERVICE * ENGINEERING

STATE OF WISCONSIN LICENSED MASTER PLUMBERS, LICENSE NUMBER 871958

Project/Job#: Mayville WWTP 92125
Description: RFI 24 800-EF-1 Damper

Date: 3/23/2026

MATERIAL

Material Credit w/restocking	.....	0.00
Material ADD	.....	\$ 189.00
Sales Tax	0.0%	\$ -

Material Subtotal \$ 189

LABOR

General Foreman Hours	0.00	@	\$ 111.32	\$ -
Foreman Hours	0.00	@	\$ -	\$ -
Field Plumber/Fitter Hours - REG	0.00	@	\$ -	\$ -
Field Plumber/Fitter Hours - OT	0.00	@	\$ -	\$ -
Field Tinner Hours - REG	4.00	@	\$ 104.48	\$ 417.92
Field Tinner Hours - OT	0.00	@	\$ -	\$ -
Shop Hours	0.00	@	\$ 104.48	\$ -
Service Hours	0.00	@	\$ 111.32	\$ -

Labor Subtotal \$ 418

DIRECT COSTS

Payroll Taxes + Insurance (WC and Liability)	27.0% of Labor	\$ 112.84
--	----------------	-----------

Subtotal \$ 113

Subtotal Contractor Costs

Overhead 15.0% \$ 720

Subsistence \$ 108

Total Contractor Costs \$ -

\$ 828

Equipment	0.00	week	@	\$ -	\$ -
	0.00	week	@	\$ -	\$ -
	0.00	week	@	\$ -	\$ -
	0.00	week	@	\$ -	\$ -
	0.00	week	@	\$ -	\$ -
	0.00	week	@	\$ -	\$ -

Subtotal \$ -

Equipment Overhead

Subtotal Equipment Costs 0.0% \$ -

SUBCONTRACTS

.....	\$ -
.....	\$ -
.....	\$ -
.....	\$ -

Total Subcontractor Costs

Subcontractor Overhead 5.0% \$ -

Subtotal Subcontractors Costs \$ -

NOTE: This change order does not address impact costs on base contract.

Total Contractor/Subcontractor Costs

Profit 0.0% \$ 828

Bond 0.0% \$ -

Total Amount Of Change \$ -

Time extension required is 0 days.

This quotation based upon acceptance within

30 days.

Exclusions: slurry/flowable fill for abandonment, bypassing for sewer tie ins

NOTE: This change order does not address impact costs on base contract.

RFI #102: EF-800-1 Damper

Revision	0	Status	Closed on 03/19/26
To	From Coty Weathersby (MSA Professional Services, Inc.) Steve Sell (MSA Professional Services, Inc.) Kerry Hackert (MSA Professional Services, Inc.) Leslie Deuchars (MSA Professional Services, Inc.) Shane Dennis (MSA Professional Services, Inc.)		Wendy Zeinert (August Winter & Sons, Inc.) N850 Cty Rd CB Appleton, Wisconsin 54914
Date Initiated	Mar 11, 2026	Due Date	Mar 16, 2026
Location			
Cost Impact	Schedule Impact		
Spec Section			
Drawing Number			
Linked Drawings			
Received From	David Thiel (August Winter & Sons, Inc.)		
Copies To	David Thiel (August Winter & Sons, Inc.), Cory Flesch (C.D. Smith Construction, Inc.), Karley Krupp (C.D. Smith Construction, Inc.), Kayla Steger (C.D. Smith Construction, Inc.), Wendy Zeinert (August Winter & Sons, Inc.)		

Activity

Question	Question from Wendy Zeinert August Winter & Sons, Inc. on Tuesday, Mar 10, 2026 at 01:11 PM CDT 800-EF-1 was not scheduled with a backdraft damper or a motorized damper. Please advise if one of the previously mentioned dampers is required.
Official Response	Response from Leslie Deuchars MSA Professional Services, Inc. on Thursday, Mar 19, 2026 at 08:46 AM CDT The contractor shall provide duct sized backdraft damper.
All Replies	Response from Leslie Deuchars MSA Professional Services, Inc. on Thursday, Mar 19, 2026 at 08:46 AM CDT The contractor shall provide duct sized backdraft damper.

COR 024 - Response to FO 07
STR 800 & 100 Sequence of Operations

C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935
Phone: 1 920 924.2900

Project: 240224 - Mayville WWTF 2024 Upgrade
400 Kekoskee Street
Mayville, WI 53050

Potential Change Item #COR0024

Field Order No. 07 - HVAC Sequence of Operations

To:	City Of Mayville 15 S School Street Mayville, WI 53050	From:	C.D. Smith Construction, Inc. 125 Camelot Drive Fond du Lac WI, 54935
Status:	Pricing-No Forecast	Created Date	2026-04-10
Schedule Impact:		OCO Number:	

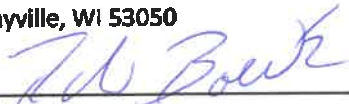
POTENTIAL CHANGE ITEM SCOPE DESCRIPTION: *(The Contract Is Changed As Follows)*

Field Order Provides Clarification and Revisions to RFI's. Includes and Updated/Added Sequence of Operations in the Specifications and Updated Drawings to Match.

ATTACHMENTS:

Description	Cost Code	Category	Quantity	W/M	Rate	Final Amount
Process Piping - Wastewater	400000	S		LS	\$	\$3,645.00
Bond:						\$38.27
Subcontract Markup (5%):						\$182.25
Grand Total:						\$3,865.52

City Of Mayville
15 S School Street
Mayville, WI 53050



SIGNATURE

5/20/24

DATE

C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935



SIGNATURE

Digitally signed by Karley Krupp
Date: 2026.04.10 07:08:24-05'00'

DATE



AUGUST WINTER & SONS, INC.

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Schofield, WI 54476
P: (715) 355-7555
F: (715) 355-9048

April 9, 2026

Karley Krupp
CD Smith

10

CHANGE ORDER PRICE AND BREAKDOWN

Project/Job#: Mayville WWTP 92125

Description: Field Order 7

Our change order price and breakdown follows:

August Winter

Material.....	\$	1,075
Labor**..... 0 hrs	\$	-
Direct Costs.....	\$	-
Subtotal.....	\$	1,075
Overhead.....	\$	161
Subsistence.....	\$	-
Total.....	\$	1,236

Equipment

Total Equipment Costs.....	\$	-
Equipment Markup.....	\$	-
Total Equipment Costs w/overhead.....	\$	-

Subcontracts

Total Subcontractor Costs.....	\$	2,294
Subcontractor Markup.....	\$	115
Total Subcontractor Costs w/overhead.....	\$	2,409

Total AWS/Subcontractor Costs.....	\$	3,645
Profit/Bond.....	\$	-

Change Order Total..... \$ 3,645

Time extension required is 0 days.

This quotation based upon acceptance within 30 days.

** Labor rate may include multiple trades with straight and premium time.

Exclusions: slurry/flowable fill for abandonment, bypassing for sewer tie ins

Dave Thiel

August Winter & Sons, Inc.
PH: 920-739-8881 FX: 920-739-2230

VISIT OUR WEB SITE AT WWW.AUGUSTWINTER.COM

Branch Office: 5613 Schofield Avenue * Schofield, WI 54476 * PH: 715/355-7555 * FAX: 715/355-9048

HVAC * PLUMBING * TANK FABRICATION * PROCESS PIPING * IND. SHEETMETAL

SPECIALTY METAL FAB. * ASME PRESSURE VESSELS * ASME CODE WELDING * 24 HR. SERVICE * ENGINEERING

STATE OF WISCONSIN LICENSED MASTER PLUMBERS, LICENSE NUMBER 871958

August Winter Sons, Inc.
Change Order/Small Projects Report

Page 1

Project/Job#: Mayville WWTP 92125
Description: Field Order 7

Date: 4/9/2026

MATERIAL

Material Credit w/restocking	.....	0.00
Material ADD	.....	\$ 1,075.00
Sales Tax	0.0%	\$ -

Material Subtotal \$ 1,075

LABOR

General Foreman Hours	0.00	@	\$ 111.32	\$ -
Foreman Hours	0.00	@	\$ -	\$ -
Field Plumber/Fitter Hours - REG	0.00	@	\$ 104.48	\$ -
Field Plumber/Fitter Hours - OT	0.00	@	\$ -	\$ -
Field Tinner Hours - REG	0.00	@	\$ 104.48	\$ -
Field Tinner Hours - OT	0.00	@	\$ -	\$ -
Shop Hours	0.00	@	\$ 104.48	\$ -
Operator Hours	0.00	@	\$ -	\$ -

Labor Subtotal \$ -

DIRECT COSTS

Payroll Taxes + Insurance (WC and Liability)	27.0% of Labor	\$ -
--	----------------	------

Subtotal \$ -

Subtotal Contractor Costs

Overhead 15.0% \$ 161

Subsistence \$ -

Total Contractor Costs \$ 1,236

Equipment

	0.00	week	@	\$ -	\$ -
	0.00	week	@	\$ -	\$ -
	0.00	week	@	\$ -	\$ -
	0.00	week	@	\$ -	\$ -
	0.00	week	@	\$ -	\$ -
	0.00	week	@	\$ -	\$ -

Subtotal \$ -

Equipment Overhead

0.0% \$ -

Subtotal Equipment Costs

\$ -

SUBCONTRACTS

AWS Controls	.....	\$ 2,294.00
		\$ -
		\$ -
		\$ -

Total Subcontractor Costs

\$ 2,294

Subcontractor Overhead

5.0% \$ 115

Subtotal Subcontractors Costs

\$ 2,409

NOTE: This change order does not address impact costs on base contract.

Total Contractor/Subcontractor Costs

\$ 3,645

Profit

0.0% \$ -

Bond

0.0% \$ -

Total Amount Of Change

\$ 3,645

Time extension required is **0** days.

This quotation based upon acceptance within **30** days.

Exclusions: slurry/flowable fill for abandonment, bypassing for sewer tie ins

NOTE: This change order does not address impact costs on base contract.



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5613 Schofield Ave.
Schofield, WI 54476
P: (715) 355-7555
F: (715) 355-9048

April 9, 2026
Re: Mayville WWTP No. 7

Proposal

Description: Cost incurred to engineering due to change in sequence of operation and scope of work.

- Lump Sum - \$95.00 hr. x 23 hrs. + 5%.....\$2,294.00

Sincerely,
Eric Fane

Project Name: **Mayville - Field Order 7**

Quote#: Q260031KHC01

Customer: August Winter & Sons

Location: Mayville, WI

Freight Included: Yes

Quote Date: 02/24/2026

Bid Date: 02/24/2026

Addendum#: -

Revision#: -

We are pleased to submit the following quotation to David Thiel.

Electric Heating Equipment			
Qty.	Manufacturer	Tag	Lead Time
	Berko/Qmark	800-RCP-1,2	-
2	(2) 24 x 24 Model CP251F radiant ceiling panels- 120W- 250W		
	Electric Heating Equipment Total		\$660.00
	Addition: If surface mount frames are required		+\$415.00

Quantities are listed in good faith. Please report major discrepancies.

Terms: PAYMENT TERMS ARE NET 30 DAYS FROM DATE OF INVOICE. The quantities quoted are in direct relation to the prices given. Sales, use, or other similar taxes are not included and shall be paid by the purchaser. This quotation is subject to your written acceptance within 30 days. Goods sold under this agreement are warranted to the terms of the manufacturer. Start-up and owner training services are NOT included in the prices specified unless otherwise noted. Field warranty charges need to be authorized in writing prior to work completed. All credit card payments are subject to an additional 5% processing fee. 1 ½% per month will be added to all past due accounts.

Quotation prepared by:
Ken Henrichs
(414) 973-7419
khenrichs@airflowreps.com

FIELD ORDER NO.: 7

Owner:	City of Mayville	Owner's Project No.:	00052025
Engineer:	MSA Professional Services, Inc.	Engineer's Project No.:	00052028
Contractor:	C.D. Smith Construction, Inc.	Contractor's Project No.:	
Project:	City of Mayville WWTF Upgrade		
Contract Name:	General Construction		
Date Issued:	December 19, 2024	Effective Date of Field Order:	2/17/2025

Contractor is hereby directed to promptly perform the Work described in this Field Order, issued in accordance with Paragraph 11.04 of the General Conditions, for minor changes in the Work without changes in Contract Price or Contract Times. If Contractor considers that a change in Contract Price or Contract Times is required, submit a Change Proposal before proceeding with this Work.

Reference:

Specification Section(s): 23 00 00

Drawing(s) / Detail(s): 100H104, 100H106, 100H107, 100H109, 100H110, 800H101, 999H601, 99H602, 999H603

Description:

Provide clarification and revisions to previously submitted RFI's and other contractor questions. This includes updated/added sequence of operations in the specifications and updated drawings to match, added radiant ceiling panel schedule, updated grille sizes, and updated control locations and items.

Attachments:

Sheets: 100H104, 100H106, 100H107, 100H109, 100H110, 800H101, 999H601, 99H602, 999H603

Specification Section: 23 00 00 – Heating, Ventilation and Air Conditioning

Issued by Engineer

By: Alex Feudner
Title: Project Engineer
Date: 2/10/2026

SECTION 23 00 00
HEATING, VENTILATING AND AIR CONDITIONING (HVAC)

PART 1 GENERAL

1.01 APPLICABLE PROVISIONS

- A. Applicable provisions of Division 01 shall govern work of this section.

1.02 WORK INCLUDED

- A. Provide system where shown on the Drawings, as specified herein, and as needed for a complete and proper installation including, but not necessarily limited to:
1. Exhaust fans, motors. Roof curbs.
 2. Unit heaters, vent pipes, concentric vent kits, hoods, brackets.
 3. Forced air furnace and air conditioning system: furnace, coil, condensing unit, filters, motors, refrigerant piping and appurtenances.
 4. Make-up air heat recovery system: heater, supply fan with motor, return fan with motor, filters, recovery wheel, and controls.
 5. Make-up air system: fan section with motor and filters. Roof curbs.
 6. Forced air furnace and air conditioning system: furnace, coil, condensing unit, filters, motors, refrigerant piping and appurtenances.
 7. Boilers, hydronic system pumps, vent and intake piping, chemical treatment.
 8. Air conditioning split ductless system: indoor unit with blower, condensing unit, refrigerant piping, thermostat, and appurtenances.
 9. Controls: Low-voltage wiring, conduit, relays, thermostats, dampers, damper operators, switches, etc.
 10. Air Distribution: Ductwork, insulation, duct accessories, louvers, gravity roof ventilators, diffusers, grilles, etc. Roof curbs.
 11. Heating water system piping, specialties, valves.
 12. Refrigeration piping, specialties, valves.
 13. Related accessories.
 14. Sealing of ductwork.
 15. Testing, adjusting, and balancing.
 16. Firestopping of penetrations and openings through fire-rated assemblies.
 17. Caulking of penetrations and openings.
- B. American Iron and Steel compliance.

1.03 WORK OF OTHER SECTIONS

- A. Openings for work in walls, floor, roof, ceiling, etc., required by this section shall be provided under other sections. Location and size of these openings shall be the responsibility of this Contractor.
- B. Division 03 - Concrete.
- C. Division 04 - Masonry.
- D. Division 06 - Woods, Plastics, and Composites.
- E. Division 07 - Thermal and Moisture Protection.
- E. Section 07 92 00 - Joint Sealants: Sealing of exterior and interior floor, wall, ceiling, and roof penetrations and fixture perimeters exposed after finished installation.
- G. Division 09 - Finishes.

- H. Section 22 00 00 - Plumbing: Gas piping and final connections for fuel-fired equipment.
- I. Division 26 - Electrical: Electrical line voltage wiring (100 volts and greater) connections. Equipment starters and disconnects not provided under this Section.

1.04 RELATED SECTIONS

- A. Documents affecting work of this Section include, but are not necessarily limited to, General Conditions, Supplementary Conditions and Sections in Division 01 of these Specifications.
- B. Division 05 - Metals: Equipment structural supports, anchors, etc.
- C. Section 07 92 00 - Joint Sealers: Sealing of exterior and interior floor, wall, ceiling, and roof penetrations and fixture perimeters.
- D. Section 07 92 00 - Joint Sealants: Requirements for sealing of exterior and interior floor, wall, ceiling, and roof penetrations concealed after finished installation.
- E. Division 26 - Electrical: Execution requirements for electric connections specified by this section.
- E. Division 26 - Electrical: Requirements for low voltage (under 100 volts) wiring, conduit, etc. Requirements for equipment starters and disconnects provided under this Section.

1.05 GENERAL PROVISIONS

- A. Everything essential for the completion of the work implied to be covered by these Specifications to make the system ready for normal and proper operation must be furnished and installed by the Contractor. Accordingly, any omission from either the plans or the Specifications, or both, of details necessary for the proper installation and operation of the System shall not relieve the Contractor from furnishing such detail in full and proper manner.
- B. The Drawings show various details indicating the general arrangement of the heating and ventilating work, sizes, locations of units, etc., the said plans with figures, lettering, etc., shall be considered a part of these Specifications and no charge or alternation shall be made in either case, unless ordered by the Engineer.
- C. In addition to the heating and ventilating plans, see General Plans of the building, heating and ventilating work appearing on the latter plans will be part of this contract unless especially specified to be done by other contractors, as well as, the said work detailed on the heating and ventilating plans.
- D. "Chemical Area" indicated on the Drawing shall define materials to be used in the area designated as described herein or on the Drawings. Miscellaneous materials not specifically scheduled or specified and used in this space shall be resistant to corrosion from the chemical contained in the room under non-immersion, non-splash, or non-spray service.
- E. "Corrosion Area" indicated on the Drawing shall define materials to be used in the area designated as described herein or on the Drawings. Miscellaneous materials not specifically scheduled or specified and used in this space shall be resistant to corrosion from direct exposed to water or condensation due to the moist environment.
- E. "Hazardous Area" indicated on the Drawing shall define materials to be used in the area designated as described herein or on the Drawings. Miscellaneous materials not specifically scheduled or specified and used in this space shall be resistant to corrosion from direct exposed to water or highly acidic condensation or air vapor.

1.06 QUALITY ASSURANCE

- A. Section 01 45 00 - Quality Control: Quality provisions.

ADDENDUM #2

- B. Perform work in accordance with State of Wisconsin and industry standards.
- C. Qualification of Installer:
1. Company specializing in performing the work of this section with minimum three (3) years documented experience.
 2. For the actual fabrication, installation, and testing, adjusting, and balancing of heating and ventilating work, use only thoroughly trained and experienced workers completely familiar with the items required and manufacturer's is current recommended methods of installation.
 3. In acceptance or rejection of installed work, the Architect or Engineer shall make no allowance for lack of skill on part of the workers.
- D. Qualification of Manufacturer:
1. Company specializing in manufacturing the products specified in this section with minimum 10 years documented experience.
 2. Equal products shall be of similar quality, be functionally similar, and have the controls specified. Where more than one type of product is specified in a particular section, the listed acceptable manufacturers may not have an equal product for every type of product specified.
- E. Codes and Regulations:
1. In addition to complying with the specified requirements, comply with pertinent regulations of State or local governmental agencies having jurisdiction, including building codes and local ordinances.
 2. In the event of conflict between or among specified requirements and pertinent regulations, the more stringent requirement will govern when so directed by the Engineer.
- F. Report Forms: Testing, adjusting, and balancing - AABC MN-1 National Standards for Total System Balance forms, forms prepared following ASHRAE 111, or NEBB forms.
- G. The following standards, referred hereafter by basic designation only, are imposed, as applicable to work in each instance, and form a part of this specification to the extent indicated by the reference thereto:
1. AABC - Associated Air Balance Council
 2. Americans with Disabilities Act (ADA) of 1990, Accessibility Guidelines for Buildings and Facilities, 2010 edition.
 3. ARI - Air Conditioning and Refrigeration Institute
 4. AMCA - Air Movement and Control Association International, Inc.
 - a. AMCA 500-D – Laboratory Methods for Testing Dampers for Ratings
 - b. AMCA 511 – Certified Ratings Program for Air Control Devices
 5. ANSI - American National Standards Institute
 - a. ANSI A117.1 - Accessible and Usable Buildings and Facilities.
 6. ASHRAE - American Society of Heating, Refrigerating and Air Conditioning Engineers
 - a. ASHRAE Standard 62 – Ventilation for Acceptable Indoor Air Quality
 7. ASME - American Society of Mechanical Engineers
 8. ASTM - American Society of Testing and Materials
 - a. ASTM C1363-97 – Thermal performance test in accordance with Architectural Testing Laboratories (ATI)
 9. DSPS - Department of Safety & Professional Services, Division of Industry Services, Wisconsin Administrative Code, 2018 Wisconsin Commercial Building Code
 10. International Code Council:
 - a. IBC - International Building Code, 2015 edition, and all referenced standards
 - b. IECC - International Energy Conservation Code, 2015 edition, and all referenced standards
 - c. IMC - International Mechanical Code, 2015 edition, and all referenced standards
 11. MCA - Mechanical Contractors Association
 12. MSS - Manufacturers Standardized Society
 13. NEC - National Electric Code
 - a. NFPA 70 - National Electric Code (NEC), 2020 edition.
 14. NEMA - National Electrical Manufacturers Association
 15. NFPA - National Fire Protection Association
 16. SMACNA - Sheet Metal and Air Conditioning Contractors National Association

1.07 PERMITS

- A. The Contractor shall obtain and pay for all construction permits required for Work of this section.
- B. One (1) copy of all permits shall be provided to Owner.
- C. One (1) copy of all permits shall be maintained on site.

1.08 COORDINATION

- A. Section 01 31 13 - Project Coordination: Coordination provisions.
- B. Cooperate and coordinate with other trades to assure that all systems in the work of this section may be installed in the best arrangement. Coordinate as required with all other trades to share space in common areas and to provide the maximum of access to each system.
- C. Arrange heating and ventilating work in neat, well organized manner with piping and similar services running parallel with primary lines of building construction, and with minimum 7 foot overhead clearance. Provide maximum clearances wherever possible.
- D. Locate operating and control equipment properly to provide easy access, and arrange entire heating and ventilating work with adequate access for operation and maintenance.
- E. Give right-of-way to piping that must slope for drainage.

1.09 SUBMITTALS

- A. Section 01 33 00 - Submittals: Submittal provisions.
- B. Contractor shall be responsible for correction of work deemed necessary by the Engineer due to proceeding with the work without shop drawings that have the Engineer's final approval.
- C. Contractor will be responsible for all figures and dimensions. Approval of shop drawings describing equipment that cannot fit in the space allotted does not relieve the Contractor from providing equipment that will meet the space requirements.
- D. Shop Drawings: Include data on physical dimensions, gauges, materials of construction and capacities.
 - 1. Controls: Indicate operating data, system drawings, and written detailed operational description of system.
 - a. Label with settings, adjustable range of control and limits.
 - b. Include written description of control sequence.
 - c. Include description and sequence of operation of operating, user, and application software.
 - 2. Mechanical Identification: Submit schedule of labels.
- E. Product Data:
 - 1. Louvers, diffusers, grilles, registers: Manufacturer's catalog information with sizes, capacities, rough-in requirements, and finishes.
 - 2. HVAC Equipment: Submit dimensions, connections, arrangement, accessories, capacities, and finishes.
 - 3. Refrigerant Condensing Units: Submit capacities, schematic layout of system, piping and electrical connections, sound data, and controls.
 - 4. Air Distribution: Submit sizes, capacities, materials, and connections to other work. Submit catalog performance ratings, construction, electric and duct connections, flashing and dimensions for fans and exhausters.
 - 5. Controls: Submit description and engineering data for each control system component. Submit data for each system component and software module.
 - 6. PVC Coated and Aluminum Ductwork: Submit manufacturer's catalog information.

ADDENDUM #2

- 7. Mechanical Insulation and Finished Jackets: Product description, list of materials, and thickness for each service or equipment scheduled and locations.
- 8. Mechanical Identification: Submit description, dimensions, and materials.
- E. Test Reports: Testing, adjusting, and balancing - submit prior to final acceptance and for inclusion in operating and maintenance manuals. Assemble in soft cover, letter size, 3-ring binder, with table of contents page and tabs, and cover identification. Include reduced scale drawings with air outlets and equipment identified with data sheets, and indicating thermostat locations.
- G. AIS Documentation.

1.10 DELIVERY, STORAGE, AND HANDLING

- A. Section 01 60 00 - Material and Equipment: Product storage and handling provisions.
- B. Accept equipment on site in factory packaging. Inspect for damage.

1.11 ENVIRONMENTAL REQUIREMENTS

- A. Do not install insulation and related products when ambient temperatures and conditions are not meeting manufacturer's requirements.
- B. Maintain temperature before, during, and after installation for a minimum period of 24 hours.

1.12 EXTRA MATERIALS

- A. Section 01 77 00 - Closeout Procedures: Spare parts and maintenance provisions.
- B. Provide two (2) sets of extra filters for each piece of equipment requiring filters, not including the filters installed at substantial completion.

1.13 WARRANTY

- A. Section 01 77 00 - Closeout Procedures: Warranty provisions.
- B. All HVAC equipment shall be provided with a manufacturer's warranty. Equipment warranties shall be effective from the date of substantial completion and acceptance and shall be a minimum of two (2) years unless otherwise indicated in the individual specification sections. This Contractor shall provide factory start-up services for all equipment when available from the equipment manufacturer.
- C. Boiler parts: 1 year
- D. Boiler Heat Exchanger: 10 years
- E. Heat Exchangers and Refrigeration Compressors: Furnish five (5) year warranty.
- E. Split Ductless Air-Conditioning System: Furnish five (5) year warranty on parts and defects and seven (7) years parts on the compressor.
- G. Kynar/Hylar (70% PVFD) Finish on Fans, Louvers, and Accessories: Furnish manufacturer's 10-year paint warranty.
- H. This Contractor guarantees the system to properly circulate heating hot water to all parts of the system.

1.14 CLOSEOUT SUBMITTALS

- A. Section 01 77 00 - Closeout Procedures: Submittal provisions.

- B. Project Record Documents and As-Builts: Record actual location of equipment, ductwork, and controls including thermostats remotely located from equipment in pipes, ducts, and walls.
- C. Operation and Maintenance Data and Instructions:
 - 1. Assembly two (2) complete sets. Prepare in bound copies complete with index tabs.
 - 2. Submit bound copies to Engineer for distribution.
 - 3. Controls:
 - a. Systems descriptions, set points, and controls settings and adjustments.
 - b. Inspection period, cleaning methods, recommended cleaning materials, and calibration tolerances.
 - c. Interconnection wiring diagrams complete field installed systems with identified and numbered system components and devices.
 - 4. Equipment: Submit for each piece of equipment. Submit manufacturer's descriptive literature, operating instructions, service instructions, installation instructions, maintenance and repair data, parts listing, warranties, and piping and wiring diagrams.
- D. Warranties.

PART 2 PRODUCTS

2.01 AMERICAN IRON AND STEEL COMPLIANCE

- A. All iron and steel products used in this project must comply with the "Use of American Iron and Steel" clause of the H.R. 3547 "Consolidated Appropriations Act, 2014" or are the subject of a waiver approved by the Funding Agency or designee.

2.02 ELECTRICAL PROVISIONS

- A. Contractor shall consult with the Division 26 contractor before ordering electrical motors, to ascertain correct electrical current characteristics.
- B. Motors: Comply with applicable provisions of the National Electrical Code, NEMA Standards, and Division 26 of these Specifications, and as follows, unless otherwise indicated.
 - 1. Phases and Current: up to 1/2 HP, capacitor-start, 120 volt, 60 cycle single-phase; 1/2 HP and larger, squirrel-cage induction NEMA rated 460 volt, three phase, 60 cycle. Provide 2 separate windings on 2 speed three-phase motors. Coordinate with actual current characteristics; refer to Division 26.
 - 2. High Efficiency Motors: All motors 1 HP and larger shall be high efficiency motors meeting or exceeding values test in accordance with IEEE Standards 112, Method B procedures as stated in NEMA MG 1-12.53a.
 - 3. Integral Thermal Overload: on all motors less than 1/2 HP.
 - 4. Service Factor: 1.15 for three-phase; 1.35 for single-phase.
 - 5. Construction: General purpose, continuous duty.
 - 6. Frames: NEMA Standard for horsepower specified.
 - 7. Overload Protection: Built-in thermal, with internal sensing device for stopping motor, and for signaling where indicated.
 - 8. Type: Motors in airstream shall be totally enclosed; all others shall be open drip-proof; unless noted otherwise.
- C. Starters:
 - 1. Where starters are indicated to be an integral part of equipment provided by this Section, they shall meet requirements of Division 26 and shall be connected under Division 26.
 - 2. Where an MCC is provided under Division 26, all starters not provided integral with equipment shall be furnished and installed under Division 26.
 - 3. Where an MCC is NOT provided under Division 26 OR an MCC without motor starters is shown as being provided under Division 26, all starters not provided integral with equipment shall be

furnished and installed under this Section, they shall meet requirements of Division 26 and shall be connected under Division 26.

D. Disconnects:

1. Where disconnects are provided as an integral part of equipment provided by this Section or where they are furnished standard for field installation for equipment provided by this Section, they shall meet requirements of Division 26 and shall be connected under Division 26.
2. All disconnects not integral with equipment shall be furnished and installed under this Section, they shall meet requirements of Division 26 and shall be connected under Division 26.

E. General Wiring: Comply with applicable provisions of Division 26 Section.

2.03 SLEEVES

A. Sleeves for pipes through non-fire rated floors: Schedule 80 PVC.

B. Sleeves shall be of sufficient length to pass through entire floor or wall construction. Sleeves through floors shall extend 1 inch above finished floor level.

C. All sleeves shall be of sufficient diameter such that the bare or insulated duct or pipe, as applicable, with unbroken covering, where specified, can pass through and allow for expansion and contraction in all directions.

1. Uninsulated: Provide sleeves two inches larger than the duct or two pipe sizes larger than the pipe passing through; or provide a minimum of 1/2 inch clearance between inside of sleeve and outside of the duct or pipe.
2. Insulated: Provide sleeves of adequate size to accommodate the full thickness of covering, with clearance for packing and caulking.

2.04 ESCUTCHEONS

A. 1 inch wide or of sufficient size to cover the sleeved opening and an inside diameter to fit snugly around pipe.

B. 1-1/2-inch wide and an inside dimension to fit snugly around duct.

C. Finish shall be stainless steel, unless noted otherwise.

2.05 FANS

A. Furnish fans in the size, capacity, and type as scheduled on the drawings. See Schedule on Drawings for additional requirements.

B. Fans shall be quiet operating and vibration free.

C. Fans shall be UL Listed and CSA approved.

D. The fan shall bear the AMCA Certified Ratings Seal for both sound and air performance.

E. Fan shall bear a permanently affixed manufacturer's engraved metal nameplate containing the model number and individual serial number for future identification.

E. Fan shall comply with OSHA guideline 1926.300 – General Requirements for Machine Guarding.

G. A general duty, internal wiring pigtail (flexible metal conduit) shall be provided by the fan manufacturer.

H. Direct Drive Motors, where scheduled:

1. Motor to be an electronic commutation (EC) motor specifically designed for fan applications. AC induction type motors are not acceptable. Examples of unacceptable motors are: Shaded Pole, Permanent Split Capacitor (PSC), Split Phase, Capacitor Start and 3 phase induction type motors. Motors shall be permanently lubricated with heavy-duty ball bearings to match the fan load and prewired to the specific voltage and phase. Internal motor circuitry shall convert AC power supplied to the fan to DC power to operate the motor. Motor shall be speed controllable down to 20% of full speed (80% turndown). Speed shall be controlled by either a potentiometer dial mounted on the motor or by a 0-10 VDC signal. Motor shall be a minimum of 85% efficient at all speeds.
2. Greenheck VG or as approved by manufacturer of fan.

L. Centrifugal Exhaust Fans:

1. Spun aluminum centrifugal type.
 - a. The fan housing and shroud shall be constructed of heavy gauge aluminum with a rigid internal support structure. The fan shroud shall have a rolled bead for added strength.
 - b. The fan wheel shall be centrifugal backward inclined, constructed of aluminum and shall include a wheel cone carefully matched to the inlet cone for precise running tolerances.
 - c. Wheels shall be statically and dynamically balanced.
 - d. Fresh air for motor cooling shall be drawn into the motor compartment from an area free of discharge contaminants.
 - e. Aluminum wire shall protect the fans discharge from birds or small objects.
 - f. Direct Driven:
 - 1) Motors shall be mounted out of the airstream on vibration isolators.
 - 2) A disconnect switch shall be factory installed and wired from the motor compartment for ease of electrical wiring.
 - 3) Greenheck Model G.
2. Roof Mounting:
 - a. Roof Curb:
 - 1) Designed for non-insulated roof decks.
 - 2) Type appropriate for pitched roof installation.
 - 3) Galvanized 18 gauge steel, welded construction, with 1 inch, 3 pound density, insulation.
 - 4) Finish: Same as fan, unless noted otherwise.
 - 5) Greenheck Model GPFP.
3. Birdscreen: Stainless steel [Galvanized]
4. Finish: Kynar 500 (70% PVDF), unless noted otherwise. Color to be selected by Architect from manufacturer's standard colors, minimum of 12.

J. Centrifugal Upblast Exhaust Fans:

1. Spun aluminum upblast centrifugal type.
 - a. The fan wheel shall be centrifugal backward inclined, constructed of aluminum and shall include a wheel cone carefully matched to the inlet cone for precise running tolerances. Wheels shall be statically and dynamically balanced.
 - b. The fan exterior housing, curb cap, windband, motor compartment housing, and motor cover shall be constructed of heavy gauge aluminum. Housing shall have a rigid internal support structure. Windband shall be one-piece spun aluminum construction and maintain original material thickness throughout the housing. Windband to include an integral rolled bead for strength. Curb cap base shall be fully welded to windband for leak proof construction; tack welding, bolting, and caulking are not permitted. Curb cap shall have integral deep spun venture and pre-punched mounting holes for curb alignment. Drain trough shall allow for one-point drainage of water and contaminants.
 - c. Drive frame assemblies shall be constructed of heavy-gauge steel and mounted on vibration isolators.
 - d. Fresh air for motor cooling shall be drawn into the motor compartment free of discharge contaminants. Motors shall be readily accessible for maintenance. Breather tube shall be sized for fresh motor cooling and designed to allow wiring to run through it.
 - e. Vibration isolation shall be provided and be double studed true isolators, no metal to metal contact, and be sized to match the weight of the fan.

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- f. A disconnect switch shall be factory installed and wired from the fan motor to a junction box within the motor compartment.
- 2. Direct Driven:
 - a. Motors shall be mounted out of the airstream on vibration isolators.
 - b. A conduit chase shall be provided through the curb cap to the motor compartment for ease of electrical wiring.
 - c. Greenheck Model CUE.
- 3. Roof Mounting:
 - a. Roof Curb:
 - 1) Designed for insulated and non-insulated roof decks.
 - 2) Type appropriate for flat or pitched roof installation. See Drawings for roof construction.
 - 3) Galvanized 18-gauge steel, welded construction, with 1 inch, 3 pound density, insulation.
 - 4) Finish: None.
 - 5) Greenheck Model appropriate for installation location and per Schedule remarks.
- 4. Birdscreen: Stainless steel
- 5. Finish: Anodized finish, unless noted otherwise. Color to be selected by Architect from manufacturer's standard colors, minimum of 4

K. Centrifugal Inline Fan:

- 1. Duct mounted supply or exhaust fan shall be of the centrifugal direct driven in-line type.
- 2. The fan housing shall be of the square design constructed of heavy gauge galvanized steel, unless scheduled otherwise, and shall include square duct mounting collars.
- 3. Fan construction shall include two removable access panels located perpendicular to the motor mounting panel. The access panels must be of sufficient size to permit easy access to all interior components.
- 4. The fan wheel shall be centrifugal backward inclined, constructed of aluminum and shall include a wheel cone carefully matched to the inlet cone for precise running tolerances. Wheels shall be statically and dynamically balanced.
- 5. Motors shall be readily accessible for maintenance.
- 6. Direct Drive:
 - a. Motors shall be permanently lubricated and carefully matched to the fan loads.
 - b. A NEMA 1 disconnect switch shall be provided as standard, except with explosion resistant motors, where disconnects are optional. Factory wiring shall be provided from motor to the handy box.
 - c. Greenheck SQ.
- 7. Finish shall be as indicated in the Equipment Schedule on the Drawings.

L. Acceptable Manufacturers: Acme, Cook, Greenheck, Penn, or Twin City Fan.

2.06 DESTRATIFICATION FANS

- A. Furnish fans in the size, capacity, and type as scheduled on the drawings. See Schedule on Drawings for additional requirements.
- B. Fans shall be quiet operating and vibration free.
- C. Ceiling Mounted Destratification Fans:
 - 1. Extra heavy-duty industrial fan.
 - 2. All metal construction. No plastic.
 - 3. Energy efficient, 0.71 amps or less.
 - 4. Sealed thermo-protected motor.
 - 5. Permanent, sealed chrome ball bearings.
 - 6. Secondary support cable.
 - 7. Guard: Heavy-duty, non-sagging, 10 gauge steel wire - bright zinc plated, 1 1/2 inch maximum spacing, with secondary support cable.

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8. Controls: 2 fan control, speed control.
9. Envirofan Gold Line.

D. Acceptable Manufacturers: Envirofan or equal.

2.07 GAS-FIRED UNIT HEATERS

- A. Furnish unit in the size and capacity as scheduled on the drawings. See Schedule on Drawings for additional requirements.
- B. All electrical components shall carry UL, ETL, or CSA listing.
- C. CSA certified as having 80% thermal efficiency.
- D. Conform to the latest ANSI Standards for safe operation.
- E. Factory assembled, piped, wired and tested.
- E. Separated Combustion Tubular Unit Heater:
 1. Cabinetry and casework shall be 20-gauge material with baked enamel finish.
 2. Heat exchanger shall consist of 20-gauge aluminized steel tubes.
 3. Burners shall be "inshot" design. 321 stainless steel burner box.
 4. Direct spark ignition with integrated control and combination gas valve.
 5. Flame rectification shall be independent of the spark igniter.
 6. Efficiency: 82%
 7. Direct spark ignition. Single stage gas valve. High limit switch. Air pressure switch.
 8. Warranty: Manufacturer's standard 10-year warranty on heat exchanger, flue collector, and burners to be free from defects in materials and workmanship.
 9. Concentric vent kit appropriate for installation location by unit manufacturer.
 10. Hoods.
 11. Reznor UDZGG, Modine HDS, or Sterling GG.
- G. Acceptable manufacturers: Modine, Reznor, Sterling, or equal.

2.08 ELECTRIC HEATERS

- A. Furnish unit in the size and capacity as scheduled on the drawings. See Schedule on Drawings for additional requirements.
- B. All electrical components shall carry UL, ETL, or CSA listing.
- C. Explosion Proof Unit Heater:
 1. Designed for areas classified as hazardous locations designated as Class I, Group D.
 2. Controls: Pre-wired, self-contained control center. Standard controls shall include manual reset thermal cutout for over-temperature protection, a magnetic contactor, and 24 volt control circuit transformer.
 3. Heat Exchanger: Steel tubes, aluminum fins, a non-toxic heat transfer fluid, and a 40 PSIG relief valve.
 4. Fan and Motor: Ball bearing permanently lubricated explosion proof motor with built-in thermal overload protection.
 5. Cabinet: Powder coated heavy gauge steel cabinet surrounding a 14 gauge heavy duty steel frame which supports internal components.
 6. Pilot light.
 7. Integral thermostat
 8. Disconnect switch.
 9. Mounting kit.
 10. Q'Mark Model GUX.

- D. Unit Heater:
1. Airflow shall be capable of being directed horizontally, vertically, or any position in between.
 2. Multiple wattage heat selector switch.
 3. Remote thermostat.
 4. Ceiling/wall bracket.
 5. Heavy gauge die-formed steel housing.
 6. Completely enclosed fan motor.
 7. Aluminum-finned, copper clad steel sheath heating element.
 8. Automatic reset linear thermal cutout, capillary type.
 9. Q'Mark Model MUH.
- E. Horizontal/Downflow Unit Heater:
1. Ceiling mounting bracket for horizontal or vertical flow mounting or any position in between.
 2. Built-in single pole thermostat adjustable from 45° to 135°F.
 3. Automatic control which delays fan action until heating element is warm. When thermostat is satisfied, fan shall continue to operate until heating element is cool.
 4. High-level cut out which shall automatically shut off current in event of overheating and shall reactivate the heater when the temperature returns to normal.
 5. Q'Mark Type MWUH5004.
- E. Acceptable manufacturers: Berko, Marley, Markel, Q'Mark, Raywall, or equal.

2.09 GAS-FIRED MAKE-UP AIR UNIT

- A. Furnish unit in the size and capacity as scheduled on the drawings. See Schedule on Drawings for additional requirements.
- B. Standards and Certifications:
1. A.G.A. and C.G.A. Certified furnace which conform to the latest ANSI standards for efficiency and safe performance.
 2. Compliant with FM (Factory Mutual) requirements.
 3. Make-up air unit shall be ETL listed to ANSI Z83.4 and CAN 3.7.
- C. Indirect Gas-Fired Make-up Air Unit:
1. Furnace and Controls:
 - a. Indirect fired gas system shall be 80% efficient and have a blow through design.
 - b. Furnace shall be capable of operation with natural gas and have power venting system.
 - c. The heat exchanger shall be constructed of stainless steel.
 - d. Standard Furnace Features:
 - 1) Main gas pressure regulator
 - 2) Main gas valve
 - 3) Electronic staged controls
 - 4) Direct spark ignition system
 - 5) High limit
 - 6) 24-volt control transformer
 - e. Furnace shall be insulated and have double wall construction.
 2. Temperature Control:
 - a. Furnace heat output shall be controlled based on a field adjustable discharge temperature set point. See "thermostats" for field mounted temperature override information.
 - b. Discharge temperature sensor shall be factory mounted and wired to unit control center.
 - c. Furnace shall have 8-stage modulation.
 3. Unit Casing and Frame:
 - a. Unit shall be of internal frame type construction of galvanized steel.
 - b. All frames and panels shall be G90 galvanized steel.
 - c. Where top panels are joints there shall be a standing seam to insure positive weather protection.

- d. All metal-to-metal surfaces exposed to the weather shall be sealed, requiring no caulking at job site.
 - e. All components shall be easily accessible through hinged doors with quarter turn lockable latches.
4. Insulation:
- a. Unit casing shall be lined with 1 inch fiberglass insulation (double wall). Insulation in accordance with NFPA 90A and tested to meet UL 181 erosion requirements and secured to unit with water proof adhesive and permanent mechanical fasteners.
5. Fan Section:
- a. Centrifugal fans shall be double width, double inlet and forward curved.
 - b. Fan and motor shall be mounted on a common base and shall be internally isolated.
 - c. All blower wheels shall be statically and dynamically balanced.
 - d. Ground and polished steel fan shafts shall be mounted in permanently lubricated ball bearings (up to size 118) or ball bearing pillow blocks (size 120 and larger).
 - e. Bearings shall be selected for a minimum (L10) life in excess of 100,000 hours at maximum cataloged speeds.
6. Motors and Drives:
- a. Motors shall be energy efficient, complying with EPACT standards for ODP and TE enclosures.
 - b. Motors shall be permanently lubricated, heavy duty type, matched to the fan load and furnished at the specified voltage, phase, and enclosure.
 - c. Drives shall be sized for a minimum of 150% of driven horsepower.
 - d. Pulleys shall be cast and have machined surfaces, 15 horse power or less shall be supplied with an adjustable drive pulley.
7. Electrical:
- a. All internal electrical components shall be prewired for single point power connection.
 - b. All electrical components shall be UL listed, recognized or classified where applicable and wired in compliance with the National Electrical Code.
 - c. Remote control panel shall include motor starter, control circuit fusing, control transformer for 24 VAC circuit, integral door interlocking disconnect switch, and terminal strip with relay output for exhaust fan control.
 - d. Contactors, Class 20 adjustable overload protection and single phase protection shall be standard.
8. Filter Section:
- a. Filters shall be mounted in V-bank arrangement such that velocities across the filters do not exceed 550 feet per minute.
 - b. Filters shall be easily accessible through a removable access panel.
9. Weatherhood:
- a. Shall be constructed of G90 galvanized steel with birdscreen mounted at the intake.
10. Mounting: Exterior unit shall be mounted on metal rails with lifting and anchor holes and be suitable for slab or roof curb mounting.
11. Accessories:
- a. Clogged Filter Switch: A factory installed clogged filter switch with indicator light located in the main electrical cabinet shall be provided by the manufacturer.
 - b. Inlet Air Sensor:
 - 1) On/off duct stat that automatically de-energies the gas system and interrupts the gas flow to the burner with the inlet air temperature is above the desired setting.
 - 2) 630-MAU-1 Only: Inlet air sensor that allows modulation of supply fan airflow based on outside air temperature control setpoints.
 - c. Air flow prove switch shall be provided by manufacturer to verify airflow through the unit.
 - d. Remote Control Panel (Industrial type):
 - 1) Status Lamps: Long life factory installed LED lamps shall be provided in the electrical cabinet by the manufacturer to aid in trouble shooting and equipment setup. Power on, fan on, heating energized, dirty filter.
 - 2) Room override temperature set point adjustment.
 - e. Manufacturer provided, shipped loose motorized outlet damper. Damper shall be field installed and wired back to unit terminal strip by Division 23 Contractor.

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12. Finish: Permtector.
13. Curb: Furnish manufacturer's insulated welded insulated curb.
 - a. Ground Mounting: Aluminum construction with finish to match unit. Flat surface installation, pad mounted. See Equipment Schedule on Contract Drawings for height required.
 - b. Roof Mounting: Galvanized steel construction, no finish. Roofing contractor to flash into roof system. Flat surface installation, roof deck mounted. See Equipment Schedule on Contract Drawings for height required.
14. Greenheck Model IGX.

D. Acceptable Manufacturers: Greenheck, Modine, Reznor, or Trane.

2.10 SPLIT DUCTLESS HEAT PUMP SYSTEM

- A. Wall-mounted, heat pump type, split system.
 1. Unit shall be tested by a Nationally Recognized Laboratory (NRTL) and bear the ELT label.
 2. All wiring shall be in accordance with the National Electric Code (NEC).
 3. The unit shall be rated in accordance with the Air-Conditioning Refrigeration Institute's (ARI) Standard 210/240 and bear the ARI Certification label.
 4. The unit shall be manufactured in a facility registered to ISO 9001 set of standards.
 5. System efficiency shall meet or exceed 13.0 SEER.
 6. Indoor Unit:
 - a. A dry air holding charge shall be provided in the indoor unit.
 - b. General:
 - 1) The indoor unit shall be factory assembled, wired and run tested. Contained within the unit shall be all factory wiring, internal piping, control circuit board and fan motor.
 - 2) The unit shall have a self-diagnostic function, 3-minute time delay mechanism, an auto restart function, an emergency operation function, and a test run switch.
 - c. Cabinet:
 - 1) The casing shall have a white finish.
 - 2) Multi-directional drain and refrigerant piping offering four (4) directions for refrigerant piping and two (2) directions for draining.
 - 3) There shall be a separate installation plate which secures the unit firmly to the wall.
 - d. Fan:
 - 1) The indoor fan shall be assembled with a line-flow fan direct driven by a single motor.
 - 2) The fan shall be statically and dynamically balanced and run on a motor with permanently lubricated bearings.
 - 3) A manual adjustable vertical guide vane shall be provided with the ability to change the airflow from side to side.
 - 4) An integral, motorized air sweep flow louver shall provide an automatic change in airflow by directing the air up and down to provide for uniform air distribution.
 - 5) The indoor unit fan motor shall operate in three (3) selectable speeds (high-medium-low).
 - e. Filter:
 - 1) Return air shall be filtered by means of easily removed air filter.
 - f. Coil:
 - 1) The indoor unit (evaporator) coil shall be of nonferrous construction with smooth, pre-coated aluminum fins on copper tubing.
 - 2) Tubing shall have inner grooves for high efficiency heat exchange.
 - 3) All tube joints shall be brazed with PhosCopper or silver alloy.
 - 4) The coil shall be pressure tested at the factory.
 - 5) A sloped condensate pan and drain with extension hose shall be provided under the coil.
 - g. Electrical:

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- 1) The system shall be equipped with a system allowing the indoor unit to be powered directly from the outdoor unit using a minimum of 14 gauge, 3-wire polarity sensitive connection plus ground wire to provide both power and control signal between the indoor and outdoor units.
- 2) The indoor unit shall not have any supplemental electrical heat elements.
- h. Control:
 - 1) This system shall have a wired remote controller to perform input functions necessary to operate the system. The controller shall consist of a Power On/Off switch, Mode Selector, Temperature Setting, Timer Control, Fan Speed Select and Auto Vane Selector.
 - 2) Temperature changes shall be by 1°F increments with a range of 65°F to 87°F.
 - 3) There shall be a 24 hour On/Off timer.
 - 4) The unit shall have an emergency operation mode to allow operation without the remote controller.
 - 5) The microprocessor located in the indoor unit shall have the capability of sensing return air temperature and indoor coil temperature, receiving and processing commands from the wired remote controller, providing emergency operation and controlling the outdoor unit.
 - 6) The control voltage between the indoor unit and the outdoor unit shall be 115 volts, AC.
 - 7) The system shall be capable of automatic restart when power is restored after power interruption.
 - 8) The control system shall control the operation of the air sweep louvers, as well as provide on/off and system/mode function switching.
7. Outdoor Unit:
 - a. Vertical with side discharge.
 - b. Refrigerant: R410A.
 - c. General:
 - 1) The outdoor unit shall be specifically designed for use with the indoor unit.
 - 2) The outdoor unit shall be completely factory assembled, internally piped and wired.
 - 3) Each unit shall be run tested at the factory.
 - 4) The outdoor unit shall be equipped with a reversing valve for heat pump operation in colder temperatures.
 - 5) Manufacturer wall mount kit.
 - d. Cabinet:
 - 1) The casing shall be fabricated from zinc coated steel, bonderized with acrylic or polyester power coating for corrosion protection.
 - e. Fan:
 - 1) The unit shall be furnished with a direct drive propeller type fan, statically and dynamically balanced for smooth and quiet operation.
 - 2) The fan motor shall have inherent protection, be equipped with permanently lubricated bearings. The fan motor shall be mounted and isolated for quiet operation.
 - 3) The fan shall be provided with a raised guard to prevent contact with moving parts.
 - 4) The outdoor unit shall have horizontal discharge airflow.
 - f. Coil:
 - 1) The condenser coil shall be of nonferrous construction with pre-coated aluminum strake fins on copper tubing.
 - 2) The coil shall be protected with an integral metal guard.
 - 3) Refrigerant flow from the condenser shall be controlled by means of a metering orifice.
 - g. Compressor:
 - 1) The compressor shall be a high performance, hermetic, rolling piston, rotary type.
 - 2) Compressor shall be mounted using rubber isolating bushings to avoid the transmission of vibration.
 - 3) Compressor shall be protected by an automatic over current relay and a thermal overload switch.

- h. Operation:
 - 1) The outdoor unit shall have an accumulator.
 - 2) The outdoor unit must have the ability to operate with a maximum height difference of 35 feet between indoor and outdoor units.
 - 3) The unit shall have a maximum refrigerant tubing length of 65 feet between indoor and outdoor units without the need for line size changes, traps or additional oil.
 - 4) The unit shall be pre-charged for a maximum of 25 feet of refrigerant tubing.
 - i. Electrical:
 - 1) The outdoor unit shall be controlled by the microprocessor located in the indoor unit. The control voltage between the indoor unit and the outdoor unit shall be 115 volts, AC.
 - 8. Electrical:
 - a. The electrical power of the system shall be 115 volts, 1 phase, 60 hertz. The unit shall be capable of satisfactory operation within voltage limits of 103 volts to 127 volts.
 - b. The electrical power of the system shall be 230/208 volts, 1 phase, 60 hertz. The unit shall be capable of satisfactory operation within stated voltage limits.
 - 9. Thermostat: Provide manufacturer's wired remote controller.
 - 10. Low ambient cooling, to 14 degrees F outside temperature.
- B. Acceptable Manufacturers: Carrier, Mitsubishi Electric, Daikin, Friedrich, Panasonic, or equal.

2.11 ENERGY RECOVERY MAKE-UP AIR UNIT

- A. Furnish unit in the size and capacity as scheduled on the drawings.
- B. Standards and Certifications:
 - 1. A.G.A. and C.G.A. Certified duct furnace which conform to the latest ANSI standards for efficiency and safe performance.
 - 2. Compliant with FM (Factory Mutual) requirements.
 - 3. Unit shall be listed per ANSI/UL 1995, Heating and Cooling Equipment.
 - 4. Energy transfer ratings of the energy recovery wheel shall be ARI Certified to Standard 1060 and bear the ARI certification symbol for ARI Air-to-Air Energy Recovery Ventilation Equipment Certification Program based on ARI 1060. Ratings "in accordance with 1060" without certification are not acceptable.
 - 5. Ventilators shall bear the AMCA Certified Ratings Seal for Air Performance.
 - 6. Motors shall be energy efficient, complying with EPACT standards, for single speed ODP and TE enclosures.
 - 7. All electrical components shall be UL Listed, Approved, or Classified where applicable and wired in compliance with the National Electrical Code.
- C. Acceptable Manufacturers: Greenheck or equal.

2.12 GAS FIRED FORCED-AIR FURNACE

- A. See schedule on Drawings for manufacturer, model, and capacity.
- B. Quality Assurance:
 - 1. Unit shall be designed, tested and constructed to the current ANSI Z 21.47/CSA 2.3 design standard for gas-fired central furnaces.
 - 2. Unit shall be 3rd party certified by CSA to the current ANSI Z 21.47/CSA 2.3 design standard for gas-fired central furnaces.
 - 3. Unit shall carry the CSA Blue Star and Blue Flame labels.
 - 4. Unit efficiency shall be performed per the current DOE test procedure as listed in the Federal Register.
 - 5. Unit shall be certified for capacity and efficiency and listed in the latest GAMA Consumer's Directory of Certified Efficiency Ratings.
 - 6. Unit shall carry the current Federal Trade Commission Energy Guide efficiency label.

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- C. Unit shall be shipped as single package only and shall be stored and handled per unit manufacturer's recommendations.
- D. Self-contained, packaged, factory assembled, sealed combustion, direct vent, ultra-high efficient, pre-wired unit consisting of cabinet, supply fan, heating element, controls, air filter and accessories; wired for single power connection with control transformer.
 - 1. Air Flow Configuration: See Drawings.
 - 2. Fuel: Natural gas fired.
- E. Blower Wheel and ECM Blower Motor
 - 1. Galvanized blower wheel shall be centrifugal type, statically and dynamically balanced.
 - 2. Blower motor of ECM type shall be permanently lubricated with sealed ball bearings and have infinitely variable speed from 300 to 1300 RPM operating only when 24 VAC motor inputs are provided.
 - 3. Blower motor shall be direct drive and soft mounted to the blower scroll to reduce vibration transmission.
- F. Filters: Furnace shall have reusable-type filters.
- G. Casing: Casing shall be 0.030 inch thickness minimum, pre-painted galvanized steel.
- H. ECM Inducer Motor: Shall be variable speed design being soft mounted to the assembly to reduce vibration transmission.
- I. Heat Exchangers
 - 1. Primary heat exchangers shall be a 3-Pass 20 gauge corrosion resistant aluminized steel of fold-and-crimp sectional design when applied operating under negative pressure.
 - 2. Secondary heat exchangers shall be of a flow-through design having an interior coating of polypropylene with fold-and-crimp design when applied operating under negative pressure. Units without special interior coating shall be aluminized steel.
- J. Controls
 - 1. Controls shall include a micro-processor based integrated electronic control board with at least 16 service troubleshooting codes displayed via diagnostic flashing LED light on the control, a self-test feature that checks all major functions of the furnace, and a replaceable automotive-type circuit protection fuse.
 - 2. Multiple operational settings shall be available, including separate blower speeds for low heat, high heat, low cooling, high cooling and continuous fan. Continuous fan speed may be adjusted from the thermostat. Cooling airflow shall be selectable between 350 or 400 CFM per ton of air conditioning.
 - 3. Features shall also include temporary reduced airflow in the cooling mode for improved dehumidification when an Infinity Control or Thermostat is selected as the thermostat.
- K. Acceptable Manufacturers: Airstrong Air Conditioning, Carrier Corp., Lennox, The Trane Company, York, or equal.

2.13 AIR-COOLED, SPLIT-SYSTEM AIR CONDITIONER

- A. System Description: Outdoor-mounted, air-cooled, split-system air conditioner unit suitable for ground installation. Unit consists of a hermetic compressor, an air-cooled coil, propeller-type condenser fan, and a control box. Unit will discharge supply air upward as shown on Drawings. Unit will be used in a refrigeration circuit to match up to a packaged fan coil unit.
- B. Quality Assurance
 - 1. Unit shall be rated in accordance with the latest edition of ARI Standard 20.
 - 2. Unit shall be certified for capacity, efficiency, and listed in the latest ARI directory.
 - 3. Unit construction shall comply with the latest edition of ANSI/ASHRAE and with NEC.

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4. Unit shall be constructed in accordance with UL standards and will carry the UL label of approval.
 5. Unit cabinet shall be capable of withstanding Federal Test Method Standard No. 141 (Method 6061) 500-hr salt spray test.
 6. Air-cooled condenser coils shall be leak tested at 150 psig and pressure tested at 300 psig.
 7. Unit constructed in ISO9001 approved factory.
- C. Unit will be shipped as a single package only and is stored and handled per unit manufacturer's recommendations.
- D. Equipment: Factory assembled, single piece, air-cooled air conditioner unit. Contained within the unit enclosure is all factory wiring, piping, controls, compressor, refrigerant charge (Puron, R-410A), and special features required prior to field start-up.
- E. Acceptable Manufacturers: Airstrong Air Conditioning, Carrier Corp., Lennox, The Trane Company, York, or equal.

2.14 GAS VENTS

- A. Type: Type B double wall gas vent or as required by manufacturer or code.
- B. Fabrication: Inner pipe of sheet stainless steel, and outer pipe of sheet stainless steel tested in compliance with UL 441.

2.15 PUMPS

- A. See schedule on Drawings for manufacturer, model, and capacity.
- B. General
1. Pump sizes, capacities, pressures and operating characteristics shall be as scheduled.
 2. Provide all pumps with motors, impellers, drive assemblies, bearings, coupling guards and other accessories specified. Statically and dynamically balance all rotating parts.
 3. Provide all base-mounted pumps and pumps controlled by variable frequency drives with shaft grounding rings.
 4. Pump motors to be sized for non-overloading over the entire pump curve. Motors to be 1750 rpm unless otherwise scheduled.
 5. Pumps serving water systems containing glycol shall be provided with glycol-rated seals.
 6. Test all pumps before shipment. The manufacturer shall certify all pump ratings.
 7. Pump selections shall not be made with the largest available impeller to achieve the scheduled operating conditions. The pump selected and submitted shall have the ability to receive a larger impeller (minimum 10% larger in diameter) in the event that field installed conditions require additional capacity.
 8. Pump selections shall be such that the dead-head pressure condition is at least 15% higher than the system design head pressure scheduled.
 9. All pumps shall meet Department of Energy pump standards and tested using the PEI_{CL} method. The pump nameplate shall bear the PEI_{CL} index. Pumps bearing only the PEI_{VL} index will not be allowed. Submittals for review shall clearly identify the PEI's index and affirm that the index meets all DOE pump standards.
- C. Base-mounted Pumps
1. Manufacturers: Armstrong, Aurora, Bell & Gossett, Flo Fab, Grundfos, Patterson, Taco, Thrush, or Wilo.
 2. Furnish close coupled single suction centrifugal type with direct connected open drip-proof motor, enclosed type bronze impeller trimmed for the operation condition, internally self-flushing mechanical seals, stainless steel shaft sleeve, bronze fitted with cast iron pump body with bronze wearing rings, and suction and discharge gauge tapings.
 3. Submit pump operating curves with shop drawings.

- D. In-Line Pumps
 - 1. Manufacturers: Armstrong, Aurora, Bell & Gossett, Flo Fab, Grundfos, Patterson, Taco, Thrush, or Wilo.
 - 2. Furnish pipe-line mounting type with flexible coupling connected, variable speed ECPM motor or open drip-proof motor as indicated with coupling enclosure, enclosed bronze impeller trimmed for the operation condition, externally replaceable mechanical shaft seal, bronze fitted with cast iron pump body with bronze wearing rings and suction and discharge gauge tappings.
 - 3. Submit pump operating curves with shop drawings.

2.16 SEALED COMBUSTION CONDENSING BOILERS

- A. Manufacturers: Burnham Aspen, Camus DynaMax or Valiant, Lochinvar Knight, IBC, NTI, Raypak XPakFT, Riello Condexa Pro, Triangle Tube, or Viessmann.
- B. Boiler shall be complete in accordance with all CSD-1 certified requirements.
- C. Where wall or rack hung boilers with top venting connections are shown, floor-mounted boilers with rear venting and piping connections are not acceptable.
- D. Furnish each boiler built for minimum 80 PSIG design pressure and equipped with a 45 PSIG ASME relief valve and trim. The Boiler shall be capable of handling 50 deg. F return water and be of a full condensing design. Furnish the following boiler trim: modulating combustion air blower assembly, fan motor overload protection, ignition transformer, pilot igniter, high-limit aqua-stat, operating limit aqua-stat, low water cutoff, and full modulation burner operation.
- E. Furnish GCA, FM or UL listed factory mounted and wired main gas train including following main components: main entrance shut-off gas cock, low gas pressure switch, main gas regulator, redundant automatic gas valves and test ports. Furnish one motorized and one diaphragm gas valve on boilers. Equip each boiler with an intermittent gas pilot with pilot gas train. Furnish a positive shutoff step-down gas pressure regulator suitable for pressure indicated with internal relief if required.
- E. Control:
 - 1. Furnish a BACnet (ASHRAE 135) digital controller to provide burner start up sequencing, flame supervision, safety shutdown with display of error, fault history log and modulating burner control.
 - 2. Controller shall be capable of resetting the set point from an external analog signal. The controller shall provide the ability to continuously monitor fault history, time of fault, inlet water temperature, outlet water temperature, desired supply water temperature, burner modulation rate, stack temperature, outside air temperature, outside air/supply water reset control, boiler lead/lag, and alarms, and shall be able to relay this information to the BAS and operator workstation.
- G. The factory pre-wired control panel shall include an on-off switch, electronic combination temperature control/flame safeguard system, circuit breaker, LED Display module used to adjust set points and control parameters. LED display to indicate burner sequence, all service codes, fan speed, boiler set point, sensor temperature values such as inlet, outlet, flue gas and outdoor air.
- H. The boiler heat exchanger shall be of stainless steel arranged in a counter flow design. The heat exchanger shall be arranged in a reverse return configuration to assure balanced water flow through each section. The boiler heat exchanger headers shall be completely removable for waterside inspection.
- I. The natural gas power burner shall be fully modulating minimum 5:1 turndown. The blower shall be variable speed. The burner shall be constructed from stainless steel material. Furnish positive shutoff step-down gas pressure regulator suitable for pressure indicated with internal relief if required.
- J. For each boiler, furnish drains, combustion air and vent piping including vertical combustion air and vertical vent pipe to the outdoors in accordance with the boiler manufacturers' recommendations.
- K. Combustion air ductwork shall be single wall and insulated. Flue vent piping shall be double wall type,

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category four, UL 1738 listed with a boiler manufacturer approved stainless steel inner wall with Viton gaskets or RTV Red gaskets. Plastic venting of any type will not be accepted.

- L. Condensate piping with inline acid neutralizer per manufacturer recommendations.
- M. The boiler manufacturer shall, in addition to initial start-up, provide parts, service and adjustment of the boiler for a period of one year after final acceptance of boilers. A qualified representative of the manufacturer shall perform all service work. Copies of a certified service agreement shall accompany the boiler shop drawings submitted for approval.
- N. In addition to the above warranty, the burner will be covered by a 10-year replacement warranty. This burner warranty will cover all freight, service and equipment costs should a burner fail within 10-years from date of initial start-up.

2.17 HOT WATER HEATING UNIT HEATERS

- A. Manufacturers: Airtherm, Embassy, Modine, Rittling, Rosemex, Sigma, Sterling, Trane, VTS Volcano, or Vulcan.
- B. Furnish units with direct driven propeller fan, hot water or steam coil as indicated, constructed of copper tubes and aluminum fins and totally enclosed resiliently mounted motor of speed indicated with unit-mounted disconnect.
- C. Horizontal units to have adjustable horizontal discharge louvers and safety fan guard.
- D. All units to have manufacturers standard baked enamel finish.

2.18 SMOKE DETECTORS

- A. Detector shall be capable of shutting down complete system in the event of smoke detection.
- B. Detector shall be designed to comply with NFPA and ICC standards regarding HVAC supply and return duct smoke detectors.
- C. Unit shall be UL 268A listed.
- D. Detector shall have the following features:
 - 1. LED visual indicator lights for normal operation and alarm
 - 2. Reset switch and alarm test switch on unit. Unit shall be capable of being tested and reset without removal of the cover.
 - 3. Internal duct filtering with no screens or filters to clean
 - 4. Compatible with building automation and fire alarm systems
 - 5. Output terminals shall be provided for the following remote accessories (whether provided or not): horns, strobes, remote status indicators, and test/reset key switches or push buttons.
 - 6. Method of testing the alarm function with a magnet shall be provided.
 - 7. All unit, remote accessory, and common function connection designations must be permanently affixed to the unit.
 - 8. Capability for interconnection of up to 30 units shall be provided for common functions.
 - 9. Cover and sampling/exhaust tube installation or removal shall not require the use of tools.
 - 10. Unit shall operate at ambient temperatures from 30 degrees F to 120 degrees F; humidity from 10% to 85% RH; and air velocities from 300 feet per minute to 3,000 feet per minute.
 - 11. NEMA 3R rated weatherproof enclosure.
- E. Detector shall be photoelectric type.

2.19 GAS DETECTORS

- A. Detectors:
 - 1. Electrochemical or solid state sensor.
 - 2. Factory calibrated.
 - 3. Power loss fail-safe mode.
 - 4. Digital display.
 - 5. Built in self test.
- B. Carbon monoxide detector and transmitter.
 - 1. Audible alarm on high CO levels and send signal to make-up air and exhaust control.
 - 2. Set low level alert at 35 ppm.
 - 3. Mount CO sensor(s) on wall, approximately 60" AFF, or as recommended by manufacturer.
- C. Nitrogen dioxide detector and transmitter.
 - 1. Audible alarm on high NO₂ levels and send signal to make-up air and exhaust control.
 - 2. Set low level alert at 1 ppm.
 - 3. Mount NO₂ sensor(s) on ceiling, or as recommended by manufacturer.
- D. Verify with the manufacturer the maximum floor area coverage for each detector/sensor. The entire installation location shall be provided with the quantity of detector/sensor(s) required for full coverage.
- E. Acceptable manufacturers: Brasch or equal.

2.20 TIMERS

- A. Programmable timer.
 - 1. Time-of-day, single channel electronic time control.
 - 2. Duration: Minimum 5 minutes
 - 3. Duty Cycling: Minimum 12 on/off events per 24 hour period.
 - 4. MSA 3R non-metallic enclosure with clear-view cover.
 - 5. Control shall provide 7-day power outage carry-over. Digital display. "On" or "Off" or "OVR" display to indicate current status. Control shall have manual override that remains in effect until overridden again or until next setpoint is reached.
 - 6. UL and CSA listed.
 - 7. EC70001-PC by Paragon.
- B. Acceptable manufacturers: Paragon Electrical Products or equal.

2.21 REFRIGERANT PIPING

- A. Comply with manufacturer's written installation instructions and as required for warranty.
- B. Comply with local building codes.
- C. Provide all items for a complete and functional system, including, but not limited to: valves; flanges, unions, couplings; strainers; moisture and liquid indicators; strainers; check valves; pressure relief valves; filter dryers; solenoid valves; expansion valves; receivers; flexible connectors; etc.

2.22 DUCTWORK

- A. Materials:
 - 1. Polyvinylchloride Coated Aluminum Sheet (Structure 610 exhaust ductwork): Aluminum sheet with prime coat and a polyvinyl chloride film on both sides. Thickness of coating to be a minimum of 4 mils on each side.
 - a. Where any duct surface is scratched, marred, or otherwise damaged, paint with PVC aerosol spray.

- b. Couplings shall be slip-joint construction with a minimum 2 inches insertion length. Seal all couplings with sealant as specified.
 - 2. Aluminum Ducts: Aluminum sheet, alloy 3003-H14.
 - 3. Galvanized Steel Sheet: ASTM A653 Galvanized steel sheet of lock-forming quality. Galvanized coating tube 1.25 ounces per square foot, both sides of sheet, G90 in accordance with ASTM A90.
 - 4. Flexible Ducts: Fabric supported by helical wound spring steel wire or flat sheet bands.
 - 5. Insulated Flexible Ducts: Flexible duct wrapped with flexible glass fiber insulation, enclosed by a vapor barrier jacket. This type of ductwork shall be limited to directly adjacent to equipment for exhaust and supply and return grilles.
 - 6. Sealant (Mastic): Non-hardening, water-based, water resistant, fire resistive, used alone or with tape. UL 181A-M listed / UL 181B-M listed. Suitable for field painting.
 - 7. Duct Joint Sealing Tape: Pressure sensitive duct joint sealer, UL-181B-FX listed, 2.0-mil annealed aluminum foil coated tape, for flexible and sheet metal ducts. Suitable for field painting.
 - 8. Ductwork located in Chemical areas or exposed to air from Chemical areas shall be PVC coated galvanized steel.
 - 9. Ductwork in Corrosion and Hazardous areas, as well as garage spaces, shall be Aluminum.
 - 10. Ductwork for all other areas may be galvanized sheet steel.
- B. Metal Ductwork:
- 1. Fabricate and support in accordance with SMACNA HVAC Duct Construction Standards - Metal and Flexible; except as indicated on Drawings.
 - 2. Construct T's, bends, and elbows with radius of 1 1/2 times the width of the duct on centerline. Where not possible, furnish turning vanes.
 - 3. Increase duct sizes gradually, not exceeding 30 degrees divergence and 45 degrees convergence.
- C. Duct Accessories:
- 1. Volume Control Dampers:
 - a. Fabricate in accordance with SMACNA HVAC Duct Construction Standards - Metal and Flexible, and as indicated on Drawings.
 - b. Fabricate splitter dampers of material duct gauge to 24 inches size in each direction, and two gages heavier for larger sizes. Secure with continuous hinge or rod. Operate with minimum 1/4 inch diameter rod.
 - c. Fabricate single blade dampers for duct sizes to 12 inches by 30 inches.
 - d. Except in round ductwork 12 inches and smaller, furnish end bearings.
 - e. Furnish locking, indicating quadrant regulators on single and multi-blade dampers.
 - 2. Turning Devices and Extractors:
 - a. Multi-blade device with blades aligned in short dimension; steel or aluminum construction; with individually adjustable blades, mounting straps.
 - b. Multi-blade device with radius blades attached to pivoting frame and bracket, steel or aluminum construction, with push-pull operator strap.
 - 3. Flexible Duct Connections:
 - a. UL listed fire-retardant neoprene coated woven glass fiber to NFPA 90A, approximately 3 inches wide, crimped into metal edging strip.
 - 4. Duct Access Doors:
 - a. Fabricate in accordance with SMACNA HVAC Duct Construction Standards - Metal and Flexible.
 - b. Access doors smaller than 12 inches square secured with sash locks. Access doors with sheet metal screw fasteners are not acceptable.

2.23 HEATING WATER SYSTEM PIPING, FITTINGS, VALVES, AND SPECIALTIES

- A. Quality Assurance
- 1. Order all Type E and Type S steel pipe with heat numbers rolled, stamped, or stenciled to each length or each bundle, depending on the size of the pipe, and in accordance with the appropriate ASTM specification.
 - 2. All grooved joint couplings, fittings, valves and specialties shall be the products of a single manufacturer. Grooving tools shall be of the same manufacturer as the grooved components.

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3. Order all copper water tube with each length marked with the name or trademark of the manufacturer and type of tube; with each shipping unit marked with the purchase order number, metal or alloy designation, temper, size, and name of supplier; all in accordance with ASTM B88.
4. Order all copper refrigeration tube with each shipping unit marked with the purchase order number, metal or alloy designation, temper, size, and name of supplier; with soft straight lengths or coils identified with a tag indicating that the product was manufactured in accordance with ASTM B280; and with each hard temper straight length identified throughout its length by a blue colored marking not less than 3/16 inch in height and a legend at intervals of not greater than three feet that includes the designation "ACR" and pipe outside diameter.
5. Any installed material not meeting the specification requirements must be replaced with material that meets these specifications without additional cost to the Owner.

B. Design Criteria

1. Use only new material, free of defects, rust and scale, and meeting the latest revision of ASTM specifications as listed in this specification.
2. Construct all piping for the highest pressures and temperatures in the respective system in accordance with ANSI B31, but not less than 150 PSIG unless specifically indicated otherwise.
3. Non-metallic piping will be acceptable only for the services indicated. It will not be acceptable in occupied spaces and ventilation plenum spaces, including plenum ceilings.
4. For all pipe sizes and materials, welded, threaded or soldered, use only long radius elbows having a centerline radius of 1.5 pipe diameters. Short radius elbows will not be allowed.
5. Where ASTM A53 type F pipe is specified, ASTM A53 grade A type E or S, or ASTM A53 grade B type E or S may be substituted at Contractor's option. Where ASTM A53 grade A pipe is specified, ASTM A53 grade B pipe may be substituted at Contractor's option. Where the grade or type is not specified, Contractor may choose from those commercially available.
6. Where ASTM B88, type L hard temper copper tubing is specified, ASTM B88, type K hard temper copper tubing may be substituted at Contractor's option.

C. Heating Hot Water

1. Three inch (3") and Smaller:
 - a. ASTM A53, type F, standard weight (Schedule 40) black steel pipe with ASTM A126/ANSI B16.4, Class 150, standard weight black malleable threaded fittings.
 - b. ASTM B88 seamless, Type L, hard temper copper tube with ANSI B16.22 wrought copper solder-joint fittings or mechanical press couplings and fittings, Apollo Press, FNW, Viega or Nibco.
2. ASTM A53, Schedule 40 black steel pipe with mechanical grooved pipe connections for all hot water piping 2-1/2" and larger.

D. Drain Piping

1. ASTM A53 Schedule 40 galvanized steel pipe with ASTM A-47 Class 150 galvanized malleable iron screwed fitting. Galvanizing shall conform to ASTM A-153.
2. The Contractor, at his option, may use ASTM A312, Schedule 10S, stainless steel pipe with Vic-Press couplings and fittings.
3. The Contractor, at his option, may use ASTM B88 seamless, Type L, hard temper copper tube with ANSI B16.22 wrought copper solder-joint fittings or mechanical press couplings and fittings; Viega or Nibco.

E. Air Vents

1. ASTM B-88 type "L", 1/2" nominal size copper tubing with wrought copper sweat fittings with silver soldered joints.

E. Unions and Flanges

1. Two inch (2") and Smaller: ASTM A197/ANSI B16.3 malleable iron unions with brass seats. Use black malleable iron on black steel piping and galvanized malleable iron on galvanized steel piping. Use unions of a pressure class equal to or higher than that specified for the fittings of the respective piping service.

2. Two and one-half inch (2-1/2") and Larger: ASTM A181 or A105, grade 1 hot forged steel flanges of threaded, welding neck, or slip-on pattern and of a pressure class compatible with that specified for valves, piping specialties and fittings of the respective piping service. Use raised face flanges ANSI B16.5 for mating with other raised face flanges or equipment with flat ring or full face gaskets. Use ANSI B16.1 flat face flanges with full face gaskets for mating with other flat face flanges on equipment. Gasket material to be non-asbestos and suitable for pressures and temperatures of the piping system.

G. Mechanical Grooved Pipe Connections

1. Manufacturers: Victaulic or Anvil Gruvlok.
2. Mechanical grooved pipe couplings and fittings may be used with steel pipe on the systems indicated. Either cut-groove or equivalent roll-groove products are acceptable providing the system temperature and pressure requirements are met. Where ductile iron fittings are indicated, they shall conform to ASTM A536. Where forged steel fittings are indicated, they shall conform to ASTM A234, Grade WPB. Where factory fabricated steel fittings are indicated, they shall conform to ASTM A53, type F in sizes 3/4" through 1-1/2" and type E or S, grade B in sizes 2" through 20". Do not use fabricated fittings where malleable iron or forged steel fittings are available. Gaskets in all cases shall be EPDM suitable for temperatures to 230 degrees F.
3. The entire grooved piping system shall be of a single manufacturer.
4. Fittings and couplings must be suitable for the temperature and pressure involved. In no case is the final system to have a pressure rating of less than 250 PSIG at the design temperature of the fluid.
5. Acceptable fittings and couplings are listed below, based on Victaulic. When used on galvanized piping, fittings and couplings shall be galvanized. When used on black steel piping, fittings and couplings shall have an enamel coating.
6. Couplings: Couplings shall consist of two ductile iron housing segments and shall conform to ASTM F1476 Standard Specification for the Performance of Gasketed Mechanical Couplings for Use In Piping Applications.
 - a. Rigid Type (Victaulic Style 107 or Style 07 Zero-Flex): Coupling housings shall be cast with offsetting, angle-pattern bolt pads to provide joint rigidity and support and hanging in accordance with ANSI B31.1 and B31.9.
 - b. Flexible Type (Victaulic Style 77 or 177): For use in locations where vibration attenuation and stress relief are required.
7. Flanges: Ductile iron Style 741 or W741 except at lug type butterfly valves where standard welding flanges shall be used.
8. Fittings: Ductile iron elbows and tees of the manufacturer's standard line may be used in all sizes. Bullhead tees will not be accepted. Factory fabricated steel fittings may be used in all sizes where fitting wall thickness conforms to standard weight pipe. Mechanical T Style 920/920N fittings with ductile iron housings may be used for up to 2" outlet size.

H. Hot Water Valves

1. Manufacturers: Apollo Valve, Milwaukee Valve, Nexus, Nibco, Stockham, Anvil Gruvlok, Victaulic, or approved equal.
2. Ball Valves:
 - a. Two-inch (2") and smaller: Complete with two-piece bronze body, full port, screwed or sweat connections, blowout-proof stem, zinc-plated steel nut and handle with polyvinyl handle cover, chrome plated brass ball, reinforced PTFE seats and RPTFE packing. All suitable for 600 PSI CWP and 150 PSI SWP. Temperature range shall be 0°F - 400°F.
 - b. For press-type valves: Complete with two-piece brass body, full port, chrome plated brass ball, blowout-proof brass stem, reinforced PTFE seats, EPDM seals, zinc-plated steel nut and handle with polyvinyl handle cover. All suitable for minimum 250 PSI CWP and 250 PSI maximum operating pressure. Temperature range shall be 0°F - 250°F.
3. Drain Valves:
 - a. Three-quarter inch (3/4"): Complete with two piece bronze body, screwed connections, lever operated handle and stop, chrome plated bronze ball, reinforced Teflon seats and Teflon packing. All suitable for 600 PSI CWP and 150 PSI SWP. Fitted with hose thread adaptor and cap.

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4. Gauge Valves:
 - a. One-quarter inch (1/4"): Complete with bronze body, union bonnet, renewable seat and disc, packing, packing gland and handwheel. All suitable for 300 PSI CWP and 150 PSI SWP.
5. Check Valves
 - a. Manufacturers: Keckley, Nibco, Metraflex, Mueller, Muessco, Anvil Gruvlok, or Victaulic.
 - b. Two inch (2") and smaller, Nibco T-480, or equal ring silent check valve. Complete with bronze body, stainless-steel stem and spring, stainless steel seat and PTFE disc. All suitable for 250 PSI CWP and 125 PSI SWP. Temperature range shall be 0°F - 250°F.
 - c. Two and one-half inch (2½") to 10", Nibco W-960 or equal non-slam wafer type silent check valve. Complete with cast iron body, bronze seat with bronze disc, and 316 stainless-steel spring. All suitable for 400 PSI CWP. Temperature range shall be 0°F - 200°F.
6. Calibrated Balancing Valves
 - a. Manufacturers: Armstrong, Bell & Gossett, IMI Engineering, FlowCon, Hays Fluid Controls, Nexus, Nibco, Taco, Tour & Anderson, Anvil Gruvlok, or Victaulic.
 - b. Furnish valves with bronze body with brass ball, differential pressure taps, adjustment knob, indexing pointer and locking stops and positive shut-off. Internal seat rings, drain and purge connection and preformed polyurethane for valve body.
 - c. At Contractor's option, factory pre-set automatic flow control valves may be used in lieu of manual balancing valves. Y-type body shall include flow-control cartridge, ball valve, pressure/temperature ports, and union-end connection. Cartridge design shall consist of a brass, stainless steel, or elastomeric diaphragm and polyphenylsulfone orifice plate. Manufacturer shall offer optional valve body style that allows for flow-control cartridge change-out. Hays, IMI, or Griswold.
 - d. The use of a factory pre-set automatic flow control valve or combination type balancing valve does not eliminate the requirement for separate isolation valves as shown on the plans and details.
7. Triple Duty valves
 - a. Manufacturers: American Wheatley, Armstrong, Bell & Gossett, Taco, Anvil Gruvlok, or Victaulic.
 - b. Furnish valves with cast iron body, brass seat, bronze disc and stainless-steel spring and stem and brass readout valves.
 - c. Non-slam check valve with spring loaded soft seat disc.
 - d. Calibrated balancing valve.
 - e. Suitable for 175 PSIG.

I. Thermometers

1. Manufacturers: Weiss, Miljoco, Trerice or U.S. Gauge.
2. Furnish industrial type thermometers with separable sockets and provide extension necks on thermometers and sockets for piping with 2" or thicker insulation.
3. Thermometers shall be the adjustable angle type with black cast aluminum case and frame front, clear glass window, red appearing mercury tubes and bright finished metal scales with black etched figures and graduations. For hot water piping provide a 9" scale with 30 deg. F to 240 deg. F range and for chilled and condenser water piping provide 12" scale with 30 deg. F to 130 deg. F range.

J. Pressure Gauges

1. Manufacturers: Weiss, Miljoco, Trerice or U.S. Gauge.
2. Furnish gauges with a minimum face diameter of 4-1/2", with cast aluminum case with black finish and black finish case ring, white background and black figures on dial face, bronze bushing movement and for ranges as applicable.

K. Tanks

1. Pressurized Expansion Tank:
 - a. Manufacturers: American Wheatley, Amtrol, Armstrong, Bell & Gossett, Delta, Flo Fab, Grundfos, John Wood, Niles, Taco or Wessels.
 - b. ASME stamped for 125 PSIG working pressure.

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- c. Vertical pressurized steel tank.
 - d. Each complete with replaceable heavy duty butyl rubber bladder, 1-1/2" system connection, 3/4" drain connection, charging valve connection and lifting ring and floor mounting skirt for vertical mounting.
- L. Magnetic Air and Dirt Separators
 - 1. Manufacturers: Amtrol, Bell & Gossett, Caleffi, Grundfos, Taco, Wessels, or pre-approved equal.
 - 2. Furnish in-line magnetic air and dirt separator of size indicated with steel body, stainless steel coalescing medium, bottom collection chamber, removable top air vent, side-tap hose connection, minimum 1" bottom blow-down tapping with ball valve, ASME constructed and stamped for 150 PSIG working pressure with flanged connections.
 - 3. Magnetic rod insert for ferrous material removal.
 - 4. Note: the use of a separate in-line magnetic ferrous material remover (full line size) with a standard air and dirt separator is acceptable. ADEY MagnaClean, or approved equal.
- M. High Capacity Air Vent
 - 1. Manufacturers: Armstrong, Bell & Gossett, Caleffi, Thrush or Taco.
 - 2. Float actuated high-capacity air vent rated for 150 PSIG at a maximum temperature of 250 deg. F. Constructed of cast iron body and fitted with components of stainless steel, brass and EPDM.
- N. Manual Air Vents
 - 1. Manufacturers: Caleffi, Dole or approved equal.
 - 2. Dole No. 9P coin valve manual air vent or No. 14A coin air valve assembly.
- O. Strainers
 - 1. Manufacturers: Armstrong, Hoffman, OC Keckley, Metraflex, Nibco, Sarco, Victaulic or Webster.
 - 2. Furnish cast iron Y-type or basket type body as indicated with perforated monel or stainless-steel screen and blow off connection with brass plug. 2" and smaller with screwed connections and 2-1/2" and larger with flanged or grooved connections. All strainers rated for 125 PSIG service.
- P. Hydronic System Feeder: Provide (1) near boilers.
 - 1. Storage/mixing tank:
 - a. 17 gallon capacity, molded-in liquid level gauge, 4" fill/access opening and cover
 - b. Pump suction hose with inlet strainer
 - c. Pressure pump with fuse protection
 - d. Low fluid level pump cut-out float switch
 - e. Manual diverter valve for purging air and agitating contents of storage tank
 - f. Digital pressure switch, adjustable from 0 psig to 45 psig cut-out pressure, factory set to 18 psig
 - g. Digital pressure display, visual alarm on low level, low level alarm with remote dry contacts
 - h. Unit to be UL listed and fused power supply adapter with LED power indicator light, 100-240 VAC/60/1-24 VDC, supplied loose for field installation.
 - i. Axiom Industries Model DMF300.
 - 1) Or equal.

2.24 AIR INLETS AND OUTLETS

- A. Furnish inlets and outlets in the type, size, thickness, free area, and static pressure as scheduled on the drawings. See Schedule on Drawings for additional requirements.
- B. Exterior Louver:
 - 1. Furnish louver in the size, thickness, free area, and type as scheduled on the drawings.
 - 2. Factory-assembled louver section shall be designed to withstand wind loadings of 25 PSI (100 MPH wind equivalent). Louver frames, mullions, and section joints shall be adequately supported from the building structure to withstand this same wind loading.

3. Louver performance data shall be licensed under the AMCA Certified Ratings Program and shall bear the AMCA Certified Ratings Seal. This certified performance data shall include airflow pressure loss and water penetration.
 4. Stationary Non-Drainable Louver with J-Style Blades, 4-inch deep:
 - a. Design shall incorporate stationary horizontal blades, sloped sill, and high free area.
 - b. Louvers shall be fabricated from 6063-T5 aluminum extrusions of 0.081 in nominal wall thickness.
 - c. Blades shall be positioned at 37° and 45° angles on approximate 4-inch centers.
 - d. Greenheck Model ESJ-401.
 5. Screen: Flattened expanded aluminum in removable rear-mounted (inside) frame.
 - a. Exhaust Service: Bird screen.
 - b. Intake Service, no filter: Insect screen.
 6. Extended sill.
 7. Finish: Kynar 500/Hylar 5000 (70% PVDF), unless noted otherwise. Color shall be selected by Architect from manufacturer's standard colors, minimum of 12.
 8. Acceptable manufacturers: Aerolite, Arrow United, Carnes, Greenheck, Pottorff, Ruskin, United Enertech, or equal.
- C. Gravity Roof Ventilator:
1. Ventilator:
 - a. Spun aluminum ventilator designed as intake or exhaust. See schedules for application.
 - b. Finish: Kynar 500/Hylar 5000 (70% PVDF) finish, unless noted otherwise. Color shall be selected by Architect from manufacturer's standard colors, minimum of 12.
 - c. Greenheck Model GRS.
 2. Roof Curb:
 - a. Designed for insulated roof decks.
 - b. Type appropriate for flat roof installation.
 - c. Galvanized 18 gage steel, welded construction, with 1 inch, 3 pound density, insulation.
 - d. Finish: None.
 - e. Greenheck Model GPFP.
 3. Acceptable manufacturers: Greenheck, Ruskin, or equal.
- D. Supply, Return, Intake, and Exhaust
1. Egg Crate Face Returns:
 - a. Construction: Aluminum grid core.
 - b. Frame: Suitable for installation location.
 - c. Finish: Baked enamel - white.
 - d. Core Size: 1-inch by 1-inch by 1 inch.
 - 1) Price 80 series.
 - e. Core Size: 1/2-inch by 1/2-inch by 1 inch.
 - 1) Price 81 series.
 2. Wall and duct mounted louvered grilles:
 - a. Frame: Surface mount border with countersunk screw holes.
 - b. Finish: Baked enamel - white.
 - c. Damper: Match grille construction.
 - d. Return:
 - 1) Construction:
 - i. 1/2 inch blade spacing. Blades parallel to floor.
 - ii. Aluminum. Price 630 Series.
 3. Louvered grilles:
 - a. Frame: Surface mount border with countersunk screw holes.
 - b. Finish: Baked enamel - white.
 - c. Supply, Double Deflection:
 - 1) Blades: 3/4-inch spacing.
 - 2) Front blades perpendicular to floor or long direction.
 - 3) Construction: Aluminum.
 - iii. Price 620 series.

4. Acceptable Manufacturers: Carnes, Krueger, Metal Aire, Nailor Industries, Price, Titus, or equal.

2.25 FILTER HOUSING AND FILTERS

- A. Filter Housing:
 1. Furnish filter housing with filters in the following location: in the supply air stream before an electric heating coil and where shown on the Drawings.
- B. Disposable Panel Filters:
 1. Fiber blanket, factory sprayed with flameproof, non-drip, non-volatile adhesive.
 2. Thickness: 2 inch.
 3. Casing: Galvanized steel frame with expanded metal grid on outlet side and steel rod grid on inlet side.
 4. Efficiency: 30% minimum.
 5. Performance Rating: 500 FPM face velocity.
 6. Acceptable Manufacturers: Eco-Air, Purolator, or equal.

2.26 ACTUATED DAMPERS

- A. Furnish damper in size, thickness, static pressure, and type as scheduled on drawings. See Schedule on Drawings for additional requirements.
- B. All dampers shall be of low leakage design with linkages out of the airstream.
- C. Thermally Broken, Insulated Type:
 1. Ratings:
 - a. Dampers to be designed for operation in temperatures ranging between -70 degrees F and 200 degrees F.
 - b. Air leakage through a 48 inch by 48 inch damper shall not exceed 3-cfm per square foot against 1-inch water gauge or 8-cfm per square foot against 4-inches water gauge differential static pressure at standard air. Standard air leakage data shall be certified under the AMCA certified ratings program and the IECC requirements.
 - c. Pressure drop of a fully open 48 inch by 48 inch damper shall not exceed 0.03 inch water gauge at 1000 fpm.
 - d. Damper shall have a maximum velocity rating of 4000-fpm.
 - e. Damper shall bear the AMCA Certified Ratings Seal for air leakage performance.
 2. Frame: Extruded aluminum (6063T5)
 - a. Quick connection damper frame shall be aluminum formed into a 4-inch by 1-inch structural hat channel with 0.125-inch minimum wall thickness. (ICD-45).
 - b. Optional frame types:
 - 1) Channel frame (ICD-45): aluminum formed 5-inch by 1¼-inch structural hat channel.
 3. Blades: Extruded aluminum (6063T5) profiles, internally insulated with non-CFC, expanded polyurethane foam and thermally broken. Complete blade shall have an insulating factor of R-2.29 and a temperature index of 55.
 - a. Damper blades shall be heavy gauge extruded aluminum airfoil shape with metal blade to blade overlap. Each blade shall be symmetrical relative to its axle pivot point, presenting identical performance characteristics with air flowing in either direction through the damper.
 - b. Blade orientation shall be horizontal, and operation shall be parallel or opposed.
 - c. Polyurethane foam shall fill the airfoil blade cavity. Ends of blade shall have a thermal break to isolate the transfer of heat/cold through the aluminum material from one side of the blade to the other.
 4. Blade Stops: Each blade stop (at top and bottom of damper frame) shall occupy no more than ½-inch of the damper opening area to allow for maximum free area and to minimize pressure loss across the damper.

5. Seals:
 - a. Blade Edge: Silicone blade seals shall be mechanically fastened to each blade.
 - b. Jamb Seal:
 - 1) ICD-45: Silicone.
 6. Linkage:
 - a. Concealed in frame out of the airstream, plated steel material. Optional stainless steel.
 7. Axles: Minimum 1/2-inch diameter plated steel. Optional stainless steel. Removable control shaft shall extend 6-inches beyond the damper frame.
 8. Bearings: Dual bearing with acetal inner sleeve, flanged outer bearing resulting in no metal-to-metal or metal-to-plastic contact.
 9. Finish: Mill aluminum is standard. Optional factory applied coatings.
 10. Mounting: Either vertical or horizontal.
 11. Options: Low leakage, thermal insulation shall be provided from the factory upon request.
 12. Factory Tests: factory cycle damper and actuator assembly to assure proper operation.
 13. Greenheck Greenheck ICD-45 (thermally broken blades and frame).
 14. Acceptable Manufacturers: AlumaVent, Arrow, Greenheck, Ruskin, Tamco, United Enertech, or Ventex. No substitutions.
- D. Frames: Control dampers shall be flanged to duct type wherever feasible and as required to reduce velocity and static pressure drop across damper.
- E. Coating: Chemical resistant coating on dampers in Chemical areas or exposed to air exhausted from Chemical areas.

2.27 PIPE INSULATION – A/C LINES

- A. Flexible closed cell type as recommended and/or provided unit manufacturer. May be provided as kit with refrigerant piping.
- B. Finished Jackets:
 1. Fabricated Line Set Cover: PVC. Standard professional grade, durable and UV and weather-resistant; indoor and outdoor. Minimum 3-inch wide, designed to cover line set, wiring, and drainage lines for split air-conditioning systems. Material shall be easily cut for custom configuration and proper fit.
 - a. Wall cover, coupler, elbow, end cap, mounting hardware, etc.
 - b. Color: White or brown, paintable. Satin finish.
 - c. Hide-A-Line Tubing by Breezzone, Fortress by Rectorseal, Cover Guard, or equal.
- C. Schedule:
 1. Install insulated refrigerant piping provided with ductless split heat pump units. Install fabricated line set.

2.28 PIPING INSULATION

- A. EPDM-Rubber: ASTM C534 Type I and II, ASTM D1056, flexible, closed-cell EPDM-rubber based elastomeric, tube and sheet, UV resistant, indoor/outdoor, mold and fungal growth resistant, paintable.
 1. Physical Properties:
 - a. k Value: 0.245 at 75 degrees F (ASTM C518/C117)
 - b. Density: 3 to 6 psf
 - c. Service Temperature (continuous): -297°F to 300°F
 - d. Water Vapor Permeability: 0.03 perm (ASTM E96)
 - e. Water Absorption (weight %): 0.2% (ASTM C209)
 - f. Flame Spread/Smoked Developed Ratings: 25/50, self-extinguishing
 2. Acceptable Products:
 - a. Aerocel Stay-Seal with Protape (SSPT) by Aeroflex, 423-337-2493, www.aeroflexusa.com. Provide manufacturer's rigid pipe supports (Aerofix), fabricated fitting covers (AeroFit), tape (Protape), and adhesive.

ADDENDUM #2

- b. ArmaFlex products by Armacell are not acceptable as they are not self-extinguishing.
 - c. Tundra products by Armacell are not acceptable as they are not EPDM-based, but rather PE foam, and are not self-extinguishing.
- B. Hot Piping: Supply and return.
 - 1. Type of piping and thickness:
 - a. Hot water supply and return piping (200 deg. F or less).
 - 1) One and one-half inch (1-1/2") thickness on piping 1-1/2" and less.
 - 2) Two-inch (2") thickness on piping 2" and larger.
 - b. All valve bodies, flanges, clamp type pipe couplings and fittings shall be wrapped with pre-molded, one-piece 25/50 rated PVC insulated fitting covers. Factory pre-cut insulation shall be applied to the fitting with the insulation tucked into the throat of the fitting and the edges of the adjacent pipe covering. The PVC cover shall be applied and secured by stapling and applying pressure sensitive tape over the staples and at the circumferential edges.
- C. Hot Equipment
 - 1. Type of Equipment:
 - a. Magnetic Air and Dirt Separators:
 - 1) One and one-half inch (1-1/2") thickness. Insulation shall be adhered to the surfaces with fire resistive adhesive (100% coverage). All edges and joints shall be sealed with 3" wide reinforced aluminum foil pressure sensitive joint sealing tape.
- D. Valve Covering:
 - 1. all control valves, isolation valves, and balancing valves shall be wrapped with insulation of thickness as for the piping system served.
- E. Finished Jackets:
 - 1. PVC Plastic: One piece molded type fitting covers and sheet material, off-white color.
 - a. Thickness: 20 mil, 30 mil for exterior applications.
 - b. Connections: Brush on welding adhesive.
 - c. Install on all exposed piping, fittings, valves, etc.

2.29 DUCTWORK INSULATION

- A. EPDM-Rubber: ASTM C534 Type I and II, ASTM D1056, flexible, closed-cell EPDM-rubber based elastomeric, tube and sheet, UV resistant, indoor/outdoor, mold and fungal growth resistant, paintable.
 - 1. Physical Properties:
 - a. k Value: 0.245 at 75 degrees F (ASTM C518/C117)
 - b. Service Temperature (continuous): -297°F to 300°F
 - c. Water Vapor Permeability: 0.03 perm (ASTM E96)
 - d. Water Absorption (weight %): 0.2% (ASTM C209)
 - e. Flame Spread/Smoke Developed Ratings: 25/50, self-extinguishing
 - 2. Acceptable Products:
 - a. Aeroflex EPDM by Aeroflex, 423-337-2493, www.aeroflexusa.com
 - b. Or approved equal.
 - c. Not Acceptable Products:
 - 1) ArmaFlex products by Armacell are not acceptable as they are not self-extinguishing.
 - 2) Tundra products by Armacell are not acceptable as they are not EPDM-based, but rather PE foam, and are not self-extinguishing.
- B. Duct Liner: ASTM C1071; flexible, noncombustible blanket with acrylic polymer meeting ASTM G21 and ASTM G22 impregnated surface and edge coat.
 - 1. k (ksi) Value: ASTM C1071.
 - 2. Maximum Velocity on Coated Air Side: 5,000 ft/min.

ADDENDUM #2

3. Adhesive: Waterproof fire-retardant type.
 4. Liner Fasteners: Galvanized steel, self-adhesive pad or welded with press-on head.
- C. Finished Jackets:
1. Aluminum: 0.025-inch thick sheet, embossed finish, with longitudinal slip joints and 2 inch laps.
 2. Aluminum Cladding: flexible, fabric reinforced insulation cladding, self-adhesive, mold inhibited, UL Listed, zero permeability. 13-ply material, aluminum.
 - a. VentureClad 1579CW-E by 3M
- D. Schedule:
1. Installer's option where more than one type is indicated.
 2. Exterior Ductwork:
 - a. Insulation: EPDM Rubber: 2-inch thick.
 - b. Finished Jacket:
 - 1) Exposed: Aluminum
 - 2) Concealed: None
 3. Exhaust Duct, Inside Building, between damper and exterior penetration:
 - a. Insulation: EPDM Rubber, 2-inch thick
 - b. Finished Jacket: Aluminum Cladding
 4. Outside Air Intake Duct, Inside Building, between exterior penetration and outlet:
 - a. Insulation: EPDM Rubber, 2-inch thick.
 - b. Finished Jacket:
 - 1) Exposed: Aluminum Cladding
 - 2) Concealed: None
 5. Supply, Return, and Relief Air Duct (heating and cooling systems), Inside Building:
 - a. Supply and Relief Duct Insulation:
 - 1) Exposed: 1-1/2-inch thick.
 - 2) Concealed: 1-1/2-inch thick.
 - b. Return Duct Insulation:
 - 1) Exposed: 1-inch thick.
 - 2) Concealed: 1-inch thick.
 - c. Supply and Return Duct, within 10' of furnace
 - 1) Duct Liner: 1-inch thick
 - 2) Duct liner may reduce thickness required of exterior ductwork by thickness of duct liner.
 - d. Finished Jacket:
 - 1) Exposed: Aluminum Cladding.
 - 2) Concealed: None
 6. Supply Ducts (Heating systems only):
 - a. Insulation: None
 - b. Finished Jacket: None

2.30 CONTROLS

- A. Contractor shall be responsible for all automatic electric controls for HVAC equipment as indicated on the Drawings and as described herein.
- B. Furnish all motorized dampers, protected relays, interlocks, and transformers as required. Contractor shall mount same in suitable control panels, occupied space, or on equipment as required, specified herein, or shown on drawings. Furnish low voltage relays as required for all fans and motors automatically controlled.
- C. Furnish necessary wiring diagrams and be responsible for obtaining proper working installation. Furnish all multi-speed switches and control apparatus.
- D. Damper Operators:
 1. Furnish and install commercial quality damper actuators for all dampers requiring operators.
 2. Actuator type, which meet requirements of operation described in the sequence of control.

ADDENDUM #2

3. Furnish proportional control with sufficient power for air velocities 20 percent greater than maximum design velocity and to seal against maximum system pressures.
4. Electric Operators: Adjustable stroke motor with spring, having oil immersed gear train.
5. Acceptable Manufacturer: Belimo or equal.

E. Enclosures:

1. Damper actuators and controls installed in Corrosion Areas or exposed to air exhausted from Corrosion Areas shall be installed in a NEMA 4X box.
2. Damper actuators and controls installed in Chemical Areas or exposed to air exhausted from Chemical Areas shall be installed in a NEMA 4X box.
3. Damper actuators and controls installed in wash-down areas subject to frequent wetting or mounted exterior to the building shell shall be installed in a NEMA 4 box.
4. Damper actuators and controls installed in attic spaces shall be installed in a minimum NEMA 4 or NEMA 12 protective box.
5. Damper actuators and controls installed in Hazardous Areas or exposed to air exhausted from Hazardous Areas shall be installed in a XP rated box.
6. Controls located inside the building shall be installed in a NEMA 1 box, unless noted otherwise.

E. Relays: Furnish necessary relays to interlock motorized fresh air dampers with occupied/unoccupied scheduling, as well as related control of fan and exhaust fan operation.

G. Thermostats:

1. Electric Room Thermostats:
 - a. 24 volt with setback/setup temperature control.
 - b. Covers with set point adjustment and set point indication with thermometer.

H. Programmable Thermostats

1. Manufacturers: Thermostat to be provided by or approved by furnace manufacturer.
2. Manufacturers: Thermostat to be provided by or approved by air conditioner manufacturer.
3. Programmable Thermostat: Low voltage, to control heating system on and off operation, heater stages in sequence with delay between stages, and supply fan to maintain temperature setting and occupancy schedule.
4. Electric solid state microcomputer based room thermostat with remote sensor.
 - a. Automatic switching from heating to cooling (with 2-stage heating, 2-stage cooling).
 - b. Preferential rate control to minimize overshoot and deviation from setpoint.
 - c. Fan to run continuous during all occupied periods.
 - d. Override of unoccupied period for timed period from one to four hours.
 - e. Short cycle protection.
 - f. Programming based on weekdays, Saturday and Sunday (7-day).
 - g. Set-up for occupied/unoccupied periods for each day.
 - h. Selection features including degree F display, 24-hour clock, remote sensor, fan on-auto.
 - i. Battery replacement without program loss.
 - j. Thermostat display:
 - 1) Time of day.
 - 2) Actual room temperature.
 - 3) Actual outdoor temperature.
 - 4) Programmed temperature.
 - 5) Programmed time.
 - 6) Duration of timed override.
 - 7) Day of week.
 - 8) System mode indication: heating, cooling, auto, occupied, unoccupied, off.

2.31 FLASHING AND TRIM

- A. Provide all opening trim as shown on drawings and as required for a complete and weather-tight installation.

2.32 MECHANICAL IDENTIFICATION

- A. Plastic Nameplates: Laminated three-layer plastic with engraved black letters on light background color.
- B. Plastic Pipe Markers: Factory fabricated, flexible, semi-rigid plastic, preformed to fit around pipe or pipe covering. Larger sizes may have a minimum sheet size with stainless steel spring fastener. Minimum width of 3 inches, to comply with State of Wisconsin Plumbing Code. Color and Lettering: Conform to ASME A13.1 and State of Wisconsin Plumbing Code.
 - 1. Acceptable Manufacturers: Marking Services Incorporated, Seton Nameplate Corporation, or equal.
- C. Valve Tags: Circle shape, minimum 1 1/2 inches diameter, lettering shall be a minimum of 1/2 inch in height.
 - 1. Material:
 - a. Plastic: Laminated three-layer plastic with engraved black letters on light background color.
 - 1) Acceptable Manufacturers: Marking Services Incorporated, Seton Nameplate Corporation, or equal.
- D. Framed, typewritten directory under glass for all valves.
- E. All items in Hazardous, Corrosion or Chemical areas shall be Type 316 stainless steel, FRP, plastic, or equal chemical or corrosion resistance, space dependent.

2.33 OTHER MATERIALS

- A. Provide other materials, not specifically described but required for a complete and proper installation, as selected by the Contractor subject to the approval of the Engineer.
- B. Formed steel channels:
 - 1. 12 gage thick stainless steel or aluminum with holes 1 1/2 inches on center. Provide type 316 SS in Chemical areas.
 - 2. Manufacturers: Allied Tube & Conduit Corp., B-Line Systems, Midland Ross Corp., Unistrut Corp., or equal.
- C. Provide all supporting steel and related materials not indicated on structural drawings as required for the installation of equipment and materials, including angles, channels, beams and hangers.
- D. Prime coat paint all supports.
- E. All items in Hazardous (corrosion), Corrosion and Chemical areas shall be Type 316 stainless steel (304 is acceptable in Corrosion areas), plastic or equal chemical/corrosion resistance.
- E. All items in Hazardous areas shall be stainless steel.
- G. Manufactured Equipment Pads: textured 3-inch thick reinforced plastic equipment pad, polypropylene or equal; complying with ASTM D2299; UV, weather, refrigerant, compressor oil, canine urine, and salt resistant. Pad shall extend a minimum of 1-inch beyond face of equipment.

PART 3 EXECUTION

3.01 JOB CONDITIONS

- A. Section 01 31 13 - Project Coordination: Coordination and project conditions.
- B. Surface Conditions: Examine the areas and conditions under which the work of this section will be performed. Correct conditions detrimental to timely and proper completion of the work. Do not proceed until unsatisfactory conditions are corrected.

- C. Cooperate as necessary with other trades in order that all system the work may be installed in the best arrangement. Coordinate as required with all other trades to share space in common areas and to provide the maximum access to each system.
- D. Measurements:
 - 1. Field measure existing conditions.
 - 2. Lay out work, properly locate all apparatus, piping, ductwork, equipment, etc. Adjust work, as necessary, to insure that work shall fit into the spaces that have been allotted for such work. Due regard shall be taken for the work of other trades.
- E. Start of work means acceptance of existing conditions.

3.02 ELECTRICAL PROVISIONS

- A. Control Wiring:
 - 1. Exposed low voltage (less than 100 volts) control wiring in connection with work of this section shall be provided and installed under this section in strict accordance with the applicable sections of Division 26.
 - 2. All control wiring shall be less than 100 volts, unless noted otherwise. If Contractor opts to install control wiring of 100 volts or over, Contractor shall contract with a certified electrical contractor for its installation under this section in strict accordance with the applicable sections of Division 26.
- B. Division 26: All line voltage (100 volts and greater) electrical wiring connections. Certain equipment connections have been assumed to be over 100 volts, see Electrical Drawings for equipment and locations.
- C. Furnish complete list and location of equipment requiring electrical connections and necessary wiring diagrams to Division 26.

3.03 INSTALLATION - GENERAL

- A. Locations: Install all equipment in the locations shown on the drawings, except where specifically otherwise approved on the job by the Owner.
 - 1. Install all thermostats, switches, timers, controls, etc., 4 feet 0 inch (4'-0") above finished floor.
- B. All equipment, as called for on the drawings and herein specified, shall be installed in strict accordance with manufacturer's recommendations.
- C. Interferences: Avoid interference with structure, and with work of other trades, preserving adequate headroom and clearing all doors and passage ways.
- D. Inspection: Check each piece of equipment in the system for defects, verifying that all parts are properly furnished and installed, that all items function properly, and that all adjustments have been made.
- E. Section 07 92 00: Caulking around the exterior perimeter of exterior equipment and where called for on the drawings in areas visible after finished construction.
- E. General: All volume dampers, equipment, and accessories shall be installed to permit access to equipment for maintenance, servicing, or repairs. Relocation of piping, ducts, or equipment to accomplish equipment access shall be completed by the Contractor, at no additional cost to the Owner.
- G. Provide access panels in ductwork at all dampers not accessible from open end of duct.

3.04 FLOOR, WALL, ROOF, AND CEILING OPENINGS

- A. All openings for work of this section shall be provided under other sections. Openings shall be made as necessary in ceiling, floors, walls, etc., as required to permit the installation of Work specified or shown on

the Drawings. Openings shall be made with care to avoid damage which cannot be concealed when work is completed.

- B. Provisions for openings and holes and clearances through walls, floors, and ceilings to be made in advance of construction of such parts of the building. Contractor is responsible for the correct size and location of these openings.

3.05 INSTALLATION - SLEEVES

- A. Provide and install sleeves wherever ductwork or piping passes through floors, walls, partitions, etc.
- B. Sleeves shall be set and maintained in place during the progress of the work. Set sleeves in position in forms. Set sleeves in place before concrete is placed. Provide reinforcing around sleeves.
- C. Sleeves shall be securely fastened in place.
- D. Extend sleeves through floors 1 inch above finished floor level.
- E. Exterior watertight entries:
 - 1. Above-grade: Sleeve pipe and seal with caulk.
- E. Where ductwork penetrates floor, close off space between sleeve and duct with insulation to within 1/2 inch of top of sleeve. Caulk the space between the sleeve and duct per Section 07 92 00.
- G. Where ductwork or piping penetrates floor, ceiling, or wall, close off space between duct or pipe and adjacent work with stuffing, for penetrations through non-rated assemblies, and firestopping, for penetrations through rated assemblies, insulation to within 1/2 inch of wall face.
- H. Caulk the space between the sleeve and duct or pipe for all sleeves and penetrations not visible after finished installation at non-rated assemblies.
- I. Section 07 92 00: Caulking of all sleeves and penetrations visible after finished installation.
- J. Provide close fitting metal collar, escutcheon cover, or plate wherever piping or hanger rods are exposed to view and pass through floor, wall, ceiling, partition, or similar locations. Hold escutcheons in place with set screw.
- K. Provide close fitting metal collar wherever duct is exposed to view and passes through ceiling. Hold escutcheons in place with screws.

3.06 INSTALLATION - PIPE HANGERS AND SUPPORTS

- A. Support horizontal piping as scheduled.
- B. Install hangers with minimum 1/2 inch space between finished covering and adjacent work.
- C. Place hangers within 12 inches of each horizontal elbow.
- D. Use hangers with 1 1/2-inch minimum vertical adjustment.
- E. Where piping is installed in parallel and at same elevation, provide multiple pipe or trapeze hangers.
- E. Support riser piping independently of connected horizontal piping.
- G. For copper piping, provide sheet lead packing between hanger or support and piping.
- H. Design hangers for pipe movement without disengagement of supported pipe.

I. Prime coat exposed steel hangers and supports. Hangers and supports located in suspended ceiling spaces are not considered exposed.

J. Pipe Hanger Spacing Schedule:

<u>Pipe size:</u>	<u>max. hanger spacing</u>	<u>hanger rod diameter</u>
1/2 to 1-1/4	6'	3/8"
1-1/2 to 2	10'	3/8"
2-1/2 to 3	10'	1/2"

3.07 INSTALLATION - PIPING SYSTEMS

- A. Install dielectric connections wherever jointing dissimilar metals.
- B. Install unions downstream of valves and at equipment or apparatus connections.
- C. Route piping parallel to building structure and maintain gradient.
- D. Install piping to maintain headroom. Group piping to conserve space. Group piping wherever practical at common elevations.
- E. Install piping to allow for expansion and contraction without stressing pipe, joints, or connected equipment.
- E. Provide clearance to hangers and from structure and other equipment for installation of insulation and access to valves and fittings.
- G. Install piping system allowing clearance for insulation and access to valves and fittings.
- H. Install identification on piping system including underground piping.

3.08 INSTALLATION - VALVES

- A. Install valves with stems upright or horizontal, not inverted.
- B. Install gate, ball, or butterfly valves for shut-off and to isolate equipment.
- C. Provide lug end butterfly valves adjacent to equipment when functioning to isolate equipment.

3.09 INSTALLATION - REFRIGERANT PIPING

- A. Install refrigerant piping in accordance with ASME B31.5.
- B. Arrange refrigeration piping to return oil to compressor. Provide traps and loops in piping, and provide double risers as required. Slope horizontal piping 0.4 percent in direction of flow.
- C. Flood refrigerant piping system with nitrogen when brazing.
- D. Follow ASHRAE 15 procedures for charging and purging of systems and for disposal of refrigerant.
- E. Install line size liquid indicators in main liquid line leaving condenser. When system contains a receiver, install in liquid line leaving receiver.
- E. Install line size strainer upstream of each automatic valve. Where multiple expansion valves with integral strainers are used install single main liquid line strainer.
- G. Install refrigerant charging valve connections in liquid line between receiver shut-off valve and expansion valve.

- H. Install flexible connectors at right angles to axial movement of compressor, parallel to crankshaft, near compressor connections.
- I. Connect inlet and outlet of condensing units and refrigerant condensers to piping.
- J. Fully charge completed system with refrigerant after testing.
- K. Test refrigeration system in accordance with ASME B31.5.
- L. Pressure test system with nitrogen to 200 psig. Test to no leakage.

3.10 INSTALLATION - REFRIGERANT CONDENSING UNITS

- A. Install units on rubber in shear or spring isolators. Mount on manufacturer's provided wall bracket, unless noted otherwise.
- B. Put system into operation and test equipment performance. Furnish cooling season startup, and winter season shutdown for first year of operation.

3.11 INSTALLATION - DUCTWORK

- A. Examination:
 1. Verify sizes of equipment connections before fabricating transitions
 2. Verify ducts and equipment installation is ready for accessories.
 3. Check location of air outlets and inlets and make necessary adjustments in position to conform to architectural features, symmetry, and lighting arrangements.
- B. Installation:
 1. Install in accordance with State of Wisconsin and Industry Standards.
 2. Metal Ducts: Install in accordance with SMACNA Duct Construction Standards - Metal and Flexible.
 3. Connect flexible ducts to metal ducts with liquid adhesive plus sheet metal screws.
 4. Use crimp joints with or without bead for joining round duct sizes to 8 inches and smaller with crimp in direction of airflow.
 5. All ductwork joints shall be sealed, including longitudinal joints. Sealing shall be in compliance with SMACNA Duct Construction Standards and meet requirements of the State of Wisconsin Commercial Mechanical and Energy Conservation Codes.
 6. Install flexible connections immediately adjacent to fans and motorized equipment. Install flexible connections specified between fan inlet and discharge ductwork. Prevent flexible connectors being in tension while running.
 7. Prevent passage of unfiltered air around filters by installing felt, rubber, or neoprene gaskets.
 8. Cut openings in ductwork to accommodate thermometers and controllers. Cut pitot tube openings for testing of systems, complete with metal can with spring device or screw to eliminate against air leakage.
 9. Locate ducts with sufficient space around equipment to allow normal operating and maintenance activities. Apply duct insulation.
 10. During construction install temporary closures of metal or taped polyethylene on open ductwork to prevent construction dust from entering ductwork system.
 11. Install duct access doors for inspection and cleaning before and after filters, coils, fans, automatic dampers, and elsewhere as indicated on Drawings. Install minimum 8 inch by 8 inch size for hand access, 18 inch by 18 inch for shoulder access.
 12. Support terminal units individually from structure. Do not support from adjacent ductwork.
 13. Install balancing dampers on duct take-off to diffusers and grilles and louvers, regardless of whether dampers are specified as part of the diffuser, louver, or grille assembly.
 14. Do not operate fans until ductwork is clean, filters are in place, and fan has been test run under observation.

3.12 INSTALLATION - FANS

ADDENDUM #2

- A. Install fans with resilient mountings and flexible electrical leads.
- B. Install sheaves required for final air balance. Speed controls may be used on direct drive motors for final air balance. Duct mounted balancing dampers may also be used where speed controls and sheave replacement is impractical.
- C. Install safety screen where fan inlet or outlet is exposed.
- D. Install fans with access to adjustable blade axial fan wheels for varying blade angle setting. Adjust blades for varying range of volume and pressure.

3.13 INSTALLATION - FURNACES

- A. Install refrigerant piping to remote condenser.
- B. Mount air cooled condenser-compressor package on vibration isolators.
- C. Install flexible duct connections on inlet and outlet of furnaces.
- D. Install control wiring between indoor and outdoor units and remotely mounted components.

3.14 INSTALLATION – MAKE-UP AIR UNITS

- A. Install flexible duct connections on outlet of unit.
- B. Install control wiring between units and remotely mounted components.

3.15 INSTALLATION - GAS VENTS

- A. Install concentric vent kit, as required by manufacturer and as indicated on drawings, as close to the exterior wall as practical.
- B. Install vent pipes continuously from appliance to exterior of building.
- C. Maintain UL listed minimum clearances from combustibles. Assemble pipe and accessories for complete installation.
- D. Completely insulate combustion air intake vent, flue vent, and concentric vent kit to discharge point from building.
- E. Install exterior hood per manufacturer's written instructions. Maintain minimum clearances to doors, windows, and intake louvers, and to roof overhang. Maintain minimum distance above roof surface.

3.16 INSTALLATION - ELECTRIC HEATERS

- A. Install units from manufacturer bracket where available.
- B. Install to provide minimum clearances to combustibles.
- C. Install control wiring between unit and remotely mounted control components and thermostats.

3.17 INSTALLATION - FUEL-FIRED HEATERS

- A. Install gas unit heaters per manufacturer's instructions.
- B. Install flexible duct connections on inlet and outlet of fuel-fired air units.

- C. Install all manufacturer provided, shipped loose components.
- D. Install control wiring between unit and remotely mounted control components and thermostats.

3.18 INSTALLATION – HOT WATER HEATING SYSTEM

- A. Install complete all equipment and accessories as required for a complete and fully functional system.
- B. Fill and flush system with distilled water.

3.19 INSTALLATION – CONTROL DAMPERS

- A. Install dampers in accordance with manufacturer's Installation Instructions.
- B. Dampers must be accessible to allow inspection, adjustment, and replacement of components. The sheet metal contractor shall furnish any access doors or removable section of duct in ductwork or plenums required to provide this access. The general contractor shall furnish any access doors required in walls, ceilings, or other general building construction.
- C. Install dampers square and free from racking.
- D. The installing contractor shall provide and install bracing for multiple section assemblies to support assembly weight and to hold against system pressure.
- E. Do not compress or stretch the damper frame into the duct or opening.
- E. Attach multiple damper section assemblies together in accordance with manufacturer's instructions. Install support mullions as reinforcement between assemblies as required.
- G. Handle dampers using the frame or sleeve. Do not lift or move dampers using blades, actuator or jackshaft.
- H. Install connections to electric actuators per Division 26.

3.20 INSTALLATION - CONTROLS

- A. After completion of installation, test and adjust control equipment. Submit data showing set points and final adjustments of controls.
- B. Install panels and other hardware in position on permanent walls not subject to excessive vibration.

3.21 TESTING, ADJUSTING, AND BALANCING

- A. Examination:
 - 1. Before starting work, verify systems are complete and operable.
 - 2. Report defects, deficiencies, or abnormal conditions in mechanical systems preventing system balance.
 - 3. Beginning of work means acceptance of existing conditions.
- B. Installation Tolerances:
 - 1. Air Handling Systems: Adjust to within plus or minus 5 percent of design for supply systems and plus or minus 10 percent for return and exhaust systems.
 - 2. Air Outlets and Inlets: Adjust to within plus or minus 10 percent of design.
 - 3. Positive, negative, or neutral system design relationship shall be maintained during final balance of system.

- C. Air System Procedure:
 - 1. Adjust air handling and distribution systems to deliver design supply, return, and exhaust air quantities within previously stated tolerances.
 - 2. Make air quantity measurements in ducts by traverse of entire cross-sectional area of duct.
 - 3. Measure air quantities at air inlets and outlets.
 - 4. Use volume control devices to regulate air quantities only to extent those adjustments do not create objectionable air motion or sound levels. Change volume using dampers mounted in ducts.
 - 5. Vary total system air quantities by adjustment of fan speeds. Provide drive changes to accomplish system air flow, speed controls may be used on direct drive motors where allowed by manufacturer. Vary branch air quantities by damper regulation.
 - 6. Measure static pressure conditions on air supply units, including filter and coil pressure drops, and total pressure across fan. Allow for pressure drop equivalent to 50 percent loading of filters.
- D. Field Quality Control:
 - 1. Verify recorded data represents actually measured or observed conditions.
 - 2. Permanently mark settings of valves, dampers, or other adjustment devices. Set and lock memory stops.

3.22 MECHANICAL IDENTIFICATION

- A. Install adequate marking of exposed accessible HVAC equipment, ductwork and control devices, per ANSI A13.1.
- B. Install plastic nameplates with adhesive.
- C. Equipment:
 - 1. Identify all major HVAC equipment with plastic nameplates minimum 1 1/2 inches high. Lettering size and plate length to be sufficient to convey adequate information at each location. Minimum length: 4 inches. Minimum lettering height: 3/8 inch.
 - 2. Control Equipment: 1 1/2 inch by 4 inch plastic nameplates with 1/4 inch high lettering.
- D. Install tags with corrosion resistant metal chain.
- E. Piping: Plastic pipe markers or plastic tape pipe markers. Space no farther than 15 feet apart, with a minimum of one marker on each straight section of pipe.

3.23 PAINTING

- A. Touch-up all factory finishes damaged during construction.

3.24 CLEANING

- A. Equipment: After the equipment has been started and proved operational, carefully clean all accessible parts of each piece of equipment, thoroughly removing all traces of dirt, oil, grease, and other foreign substances.
- B. Make-up air units must not operate without adequate filters to prevent plugging secondary coils. Contractor is responsible for cleaning secondary coil, if necessary, prior to turning over to Owner.

3.25 LUBRICATION

- A. Upon completion of the work and before turning over to the Owner, clean and lubricate all bearings, except sealed and permanently lubricated bearings. Use only lubricant recommended by the manufacturer.
- B. Contractor is responsible for maintaining lubrication of all mechanical equipment under his contract until work is accepted by the Owner.

- C. Furnish a chart with each piece of equipment listed, itemizing location for lubricant required and recommended periods of lubrication. Incorporate chart in Instruction Manual.

3.26 INSTRUCTIONS

- A. Instruct Owner's representative in the operation and maintenance of all mechanical systems.
- B. Assemble two (2) complete sets of manufacturer's printed operating and maintenance instructions for all mechanical equipment installed under the contract. Prepare in bound copies with index tabs. Information must include parts list and wiring diagrams. Submit to Engineer for presentation to the Owner.

3.27 CLOSEOUT OPERATIONS

- A. Section 01 77 00 - Closeout Procedures: Closeout provisions.
- B. Closeout Equipment/System Operations: Sequence operations properly so that work of the project will not be damaged or endangered. Coordinate with seasonal requirements.
 - 1. Operate each item of equipment and each item in a test run of appropriate duration with the Owner's operating personnel present to demonstrate sustained, satisfactory performance.
 - 2. Adjust and correct operations as required for proper performance.
 - 3. Clean and lubricate each system, and replace dirty filters, especially worn belts and parts and similar expendable items of the work.
- C. Instruction, O&M: Instruct Owner or Owner's personnel in the proper operation and maintenance of the HVAC systems. Train personnel in the setting and scheduling of programmable thermostats for occupied/unoccupied periods.
- D. Turn-Over of Operations: At time of substantial completion, turn over the prime responsibility for operation of HVAC equipment and systems to the Owner's operating personnel
- E. Extra Materials.
- E. Record Drawings.

3.28 SEQUENCE OF OPERATION

- A. Building 100 – Service Building:
 - 1. Screening 100-B101/100-111:
 - a. Written Description:
 - 1) Ventilation: System operation shall be controlled by ~~a-room~~ light switch, freeze-stat, and SCADA by division 26 ~~and SCADA~~.
 - 2) Heating: Systems shall be controlled by thermostats.
 - b. 100-AHU-2: Control with room light switches (occupancy), Division 26 SCADA freeze-stat by Division 26, T-100-AHU-1, and T-100-AHU-2, MCC switch by Division 26 and internal controls. Interlock with fan 100-EF-2 and 100-DM-2
 - ~~1) AHU ON/OFF shall be by manual switch by Division 26~~
 - ~~2) When switch is turned on, AHU shall turn on and damper shall open.~~
 - ~~3) When switch is turned off, AHU shall turn off and damper shall close.~~
 - ~~1) When MCC switch is in HAND position, unit shall be activated. When MCC switch is in AUTO, system shall be controlled by light switch and SCADA.~~
 - ~~2) When MCC switch is in AUTO position and light switch is in ON position, unit shall be activated. When light switch is in OFF position, unit shall be controlled by SCADA and MCC switch.~~
 - ~~1)3) Heater shall be operated to maintain discharge air temperature within thermostat set-point range while unit is activated. When unit is deactivated, heat shall not be available.~~

- ~~5.4)~~ Provide means to lock out heater during warm temperatures. Set-point temperature of lock-out shall be field adjustable from minimum of 45-degrees F to maximum 70-degrees F.
- ~~6.5)~~ When freeze-stat indicates that temperatures are below thermostat set-point, unit shall be deactivated and alarm shall be activated.
- c. T-100-AHU-12: Discharge air thermostat in air handling unit 100-AHU-2 and remote room override thermostat by unit manufacturer
 1) Monitor and control discharge air temperature of unit.
- ~~c. Interlock control with heater 100-AHU-1.~~
- ~~d. Analog, non-set back type, corrosion resistant, XP-rated. Type acceptable to unit manufacturer~~
- ~~c. Set points: minimum 40-degrees F; maximum 85-degrees F.
 Range: 3 to 5-degrees F.~~
- ~~g.d.~~ 100-EF-12: Control with unit 100-AHU-2 and MCC switch by Division 26. Interlock control with damper 100-DF-2 and damper 100-DM-2.
 1) When MCC switch is in HAND position, Shall be activated. When MCC switch is in AUTO position, fan shall be controlled by SCADA.
 2) When 100-AHU-2 is activated, fan shall be activated
 3) When 100-AHU-2 is deactivated, fan shall be deactivated
 1) ~~Fan ON/OFF shall be by manual switch provided by Division 26.~~
 2) ~~When switch is turned on, fan shall turn on and dampers shall open.~~
 3) ~~When switch is turned off, fan shall turn off and dampers shall close.~~
- e. MCC Switch:
 1) Interlock with 100-EF-2.
 a) Two position (hand-auto) switch by division 26. Switch is for maintenance purposes only.
 b) Switch shall be located on MCC.
- ~~h. 100-CH-1: Control with thermostat T-100-CH-1:
 1) When thermostat calls for heating, unit shall be activated.
 2) When thermostat is satisfied, unit shall be deactivated.~~
- ~~T-100-CH-1: Interlock control with heater 100-CH-1.
 1) Analog, non-set back type, corrosion resistant, XP-rated. Type acceptable to unit manufacturer
 2) Set points: minimum 40-degrees F; maximum 85-degrees F.
 3) Range: 3 to 5-degrees F.~~
- ~~j.f.~~ Dampers:
 1) 100-DF-2: Interlock with fan 100-EF-2
 a) Fast acting type: full movement within 20-seconds.
 b) Two-position actuator with NEMA 4X enclosure. Spring open, power closed.
 c) When switch is turned on and 100-AHU-2 fan is activated, fan shall turn on and dampers shall go to 100% open position. Damper does not need to be 100% open to activate fan.
 d) When switch is turned off and 100-AHU-2 fan is deactivated, fan shall turn off and dampers shall go to 100% closed position.
 2) 100-DM-2: Interlock with fan 100-AHU-2 Control by SCADA
 a) Fast acting type: full movement within 20-seconds.
 b) Two-position actuator with NEMA 4X enclosure. Spring open, power closed.
 c) When unit is activated by SCADA, damper shall be in 100% open position. Damper shall be in 100% open position for unit to be activated.
 d) When unit is deactivated by SCADA, damper shall be in 100% closed position. Damper need not be in 100% closed position for unit to be deactivated.

- g. 100-CH-1: Control with thermostat T-100-CH-1:
 - 1) When thermostat calls for heating, unit shall be activated.
 - 2) When thermostat is satisfied, unit shall be deactivated.
- h. T-100-CH-1: Interlock control with heater 100-CH-1.
 - 1) Analog, non-set back type, corrosion resistant, XP rated. Type acceptable to unit manufacturer
 - 2) Set points: minimum 40 degrees F; maximum 85 degrees F.
 - 3) Range: 3 to 5 degrees F.
- 2. Workshop North Room 100-113
 - a. Written Description:
 - 1) Ventilation: System shall be controlled by switch
 - 2) Heating: System shall be controlled by thermostat
 - b. 100-EX-EF-N: Control fan with switch. Interlock with existing damper
 - 1) When switch is activated, fan shall be activated and damper shall open.
 - 2) When switch is deactivated, fan shall be deactivated and damper shall close.
- 2.3. Workshop South/Pump/Pump Rooms 100-112/100-B102/100-B201:
 - a. Written Description:
 - 1) Ventilation:
 - 2) System operation shall be controlled by freeze-stat, and SCADA by division 26 with continuous airflow.
 - ~~1)3) System operation shall be controlled by a thermostat and SCADA with continuous airflow.~~
 - ~~2)4) Heating: Systems shall be controlled by thermostats.~~
 - b. 100-AHU-1: Control with Division 26 SCADA, freeze-stat by Division 26, T-100-AHU-1, MCC switch by Division 26 and internal controls. Interlock with fan 100-EF-1 and damper 100-DM-1. Intent is for fan to run continuous. Control with T-100-AHU-1 and SCADA
 - 1) When MCC switch is in HAND position, unit shall be activated.
 - 2) When MCC switch is in AUTO, system shall be controlled by SCADA.
 - ~~1) AHU ON/OFF shall be by SCADA~~
 - ~~2) When switch is turned on, AHU shall turn on and damper shall open.~~
 - ~~3) When switch is turned off, AHU shall turn off and damper shall close.~~
 - ~~1)3) Heater shall be operated to maintain discharge air temperature within thermostat set-point range while unit is activated. When unit is deactivated, heat shall not be available.~~
 - ~~5)4) Provide means to lock out heater during warm temperatures. Set-point temperature of lock-out shall be field adjustable from minimum of 45-degrees F to maximum 70-degrees F.~~
 - ~~6)5) When freeze-stat indicates that temperatures are below thermostat set-point, unit shall be deactivated and alarm shall be activated.~~
 - c. T-100-AHU-1: Discharge air thermostat in air handling unit 100-AHU-1 by unit manufacturer
 - 1) Monitor and control discharge air temperature of unit.
 - ~~c. Interlock control with heater 100-AHU-1.~~
 - ~~1) Analog, non-set back type, corrosion resistant, XP rated. Type acceptable to unit manufacturer~~
 - ~~2) Set points: minimum 40 degrees F; maximum 85 degrees F.~~
 - ~~3) Range: 3 to 5 degrees F.~~
 - d. Existing unit heaters located in rooms shall remain with existing controls. Field verify.
 - e. 100-EF-1: Controlled by Division 26 SCADA and MCC switch by Division 26.
 - 1) When MCC switch is turned Hand, fan shall be activated.
 - 2) When MCC switch is turned auto, fan shall be controlled by SCADA.
 - a) Fan shall run continuously unless low temperature thermostat, by Division 26, turns the system off.
 - b) When 100-AHU-1 is activated fan shall be activated. When 100-AHU-2 is deactivated fan shall be deactivated.

- f. 100-EX-EF-S: Controlled by switch controlling 100-EF-1 on MCC by Division 26.
 - 1) When 100-AHU-1 is activated fan shall be activated. When 100-AHU-1 is deactivated fan shall be deactivated.
- g. MCC Switch
 - 1) Interlock with 100-EF-1 and 100-EX-EF-S.
 - a) Two position switch by division 26. Switch is for equipment maintenance purposes only.
 - b) Switch shall be located on MCC.
- h. Dampers:
 - 1) 100-DM-1: Controlled by Division 26
 - a) Two-position actuator with NEMA 4X enclosure. Spring open, power closed.
 - b) When unit is activated, damper shall be in 100% open position. Damper shall be in 100% open position for unit to be activated.
 - c) When unit is deactivated, damper shall be in 100% closed position. Damper need not be in 100% closed position for unit to be deactivated.
 - 2) 100-DF-1: Controlled by Division 26
 - a) Two-position actuator with NEMA 4X enclosure. Spring open, power closed.
 - b) When fan is activated, damper shall be in 100% open position. Damper shall be in 100% open position for fan to be activated.
 - c) When fan is deactivated, damper shall be in 100% closed position. Damper need not be in 100% closed position for fan to be deactivated.
- ~~c. Dampers:~~
 - ~~1) 100-DM-1: Interlock with 100-AHU-1~~
 - ~~a) Fast acting type: full movement within 20-seconds.~~
 - ~~b) Two position actuator with NEMA 4X enclosure. Spring open, power closed.~~
 - ~~c) When unit is activated, damper shall be in 100% open position. Damper shall be in 100% open position for unit to be activated.~~
 - ~~d) When unit is deactivated, damper shall be in 100% closed position. Damper need not be in 100% closed position for unit to be deactivated.~~

3.4. Electrical Room 100-110

- a. 100-IU-1: Control with thermostat T-100-IU-1 and internal controls.
 - 1) When thermostat calls for cooling, unit shall be activated.
 - 2) When thermostat is satisfied, unit shall be deactivated.
- b. T-100-IU-1: Remote room wall mounted adjustable thermostat.
 - 1) Digital by unit manufacturer.
 - 2) Set points: minimum 40 degrees F; maximum 85 degrees F.
 - 3) Range: 3 to 5 degrees

4.5. Garage/Storage Rooms 100-108/100-201:

- a. Written Description:
 - 1) Ventilation: System operation shall be controlled by Intermittent Ventilation Switch, Timer, and CO2/NO2 monitor.
 - 2) Heating: Systems shall be controlled by thermostats.
- b. 100-AHU-3: Control with timer TM-100-AHU-3, switch S-100-AHU-3, thermostat T-100-AHU-3, room light switches (occupancy), CO/NO2 sensors by Division 23, and internal controls. System is designed for intermittent operation. Interlock with fan 100-EF-3 and damper 100-DM-3.
 - 1) When switch S-100-AHU-3 is in ON position, unit high-speed shall be activated.
 - 2) When switch S-100-AHU-3 is in AUTO position, fan shall be controlled by CO/NO2 sensor, light switches and timer. When switch S-100-AHU-3 is in OFF position, AHU shall turn off and damper shall close.

- ~~2)~~ ~~When switch S-100-AHU-3 is in AUTO position, fan shall be controlled by light switch and timer.~~
- 3) When timer TM-100-AHU-3 calls for operation, unit shall be activated. When timer is not activated, unit shall be controlled by other devices
- 4) When either rooms 100-109 and 100-201 light switch is in ON position, unit shall be activated. When both light switches are in OFF position, unit shall be controlled by other devices.
- 5) When switch is turned off, AHU shall turn off and damper shall close.
- 6) Heater shall be operated to maintain discharge air temperature within thermostat set-point range while unit is activated. When unit is deactivated, heat shall not be available.
- 7) Provide means to lock out heater during warm temperatures. Set-point temperature of lock-out shall be field adjustable from minimum of 45-degrees F to maximum 70-degrees F.
- 8) When ~~freeze-stat~~thermostat T-100-AHU-3 indicates that temperatures are below thermostat set-point, unit shall be deactivated and alarm shall be activated. Provide indicator light on control panel for when low temperature is indicated, and manual override button to override and activate unit.
- c. T-100-AHU-3: Interlock control with heater 100-AHU-3.
- 1) Thermostat to sense temperature in duct outlet and provide remote setpoint adjustment at the control panel.
- ~~1)2)~~ Remote adjustment shall be Digital, set back type. Type acceptable to unit manufacturer
- ~~2)3)~~ Set points: minimum 40 degrees F; maximum 85 degrees F.
- ~~4)~~ Range: 3 to 5 degrees F.
- d. TM-100-AHU-3:
- 1) TM-100-AHU-3: Interlock with AHU-3 and 100-EF-3
- a) Digital programmable timer. Shall be located at control panel and shall be able to be adjusted without opening the panel.
- e. S-100-AHU-3
- 1) S-100-AHU-3: Interlock with 100-AHU-3 and 100-EF-3.
- a) Switch is HOA three position switch with indicator light. Indicator light shall be activated when air handling unit is active.
- b) Switch shall be located on AHU controller. Switch shall be able to be activated without opening the panel.
- d.f. 100-EF-3: Controlled by 100-AHU-3. Interlock control with damper 100-DF-3~~and damper 100-DM-3.~~
- 1) Whenever 100-AHU-3 is activated fan shall be activated.
- 2) Whenever 100-AHU-3 is deactivated, unit shall be deactivated.
- ~~1)~~ ~~Fan ON/OFF shall be by manual switch provided by Division 26.~~
- ~~2)~~ ~~When switch is turned on and 100-AHU-3 is activated, fan shall turn on and dampers shall open.~~
- 3) ~~When switch is turned off and 100-AHU-3 is deactivated, fan shall turn off and dampers shall close.~~
- c.g.
f.h. Existing unit heaters located in rooms shall remain with existing controls. Field verify.
Dampers:
- 1) 100-DF-3: Interlock with fan 100-EF-3
- a) Fast acting type: full movement within 20-seconds.
- b) Operation: Two-position, fail closed, power open/spring close.
- c) When unit is activated, damper shall be in 100% open position. Damper shall need not be in 100% open position for unit to be activated.
- d) When unit is deactivated, damper shall be in 100% closed position. Damper need not be in 100% closed position for unit to be deactivated.
- 2) 100-DM-3: Interlock with ~~fan-unit~~ 100-AHU-3

- a) Fast acting type: full movement within 20-seconds.
- b) Operation: Two-position, fail closed, power open/spring close.
- c) When unit is activated, damper shall be in 100% open position. Damper ~~shall-need not~~ be in 100% open position for unit to be activated.
- d) When unit is deactivated, damper shall be in 100% closed position. Damper need not be in 100% closed position for unit to be deactivated.

Grit Rooms 100-B104/100-105/100-203:

- a. Written Description:
 - ~~1)~~ Ventilation: ~~System operation shall be controlled by a light switch by division 26 and SCADA.~~
 - ~~2)~~ Heating: Systems shall be controlled by thermostats.
- b. 100-AHU-4: Control with room light switches (occupancy), Division 26 SCADA, freeze-stat by Division 26, T-100-AHU-4, MCC switch by Division 26 and internal controls. Interlock with fan 100-EF-4 and 100-DM-4
 - ~~1)~~ When MCC switch is in HAND position, unit shall be activated. When MCC switch is in AUTO, system shall be controlled by light switch and SCADA.
 - ~~2)~~ When MCC switch is in AUTO position and light switch is in ON position, unit shall be activated. When light switch is in OFF position, unit shall be controlled by SCADA and MCC switch.
 - ~~1)~~ AHU ON/OFF shall be by manual switch by Division 26
 - ~~2)~~ When switch is turned on, AHU shall turn on and damper shall open.
 - ~~3)~~ When switch is turned off, AHU shall turn off and damper shall close.
 - ~~4)~~ Heater shall be operated to maintain discharge air temperature within thermostat set-point range while unit is activated. When unit is deactivated, heat shall not be available.
 - ~~5)~~ Provide means to lock out heater during warm temperatures. Set-point temperature of lock-out shall be field adjustable from minimum of 45-degrees F to maximum 70-degrees F.
 - ~~6)~~ When freeze-stat indicates that temperatures are below thermostat set-point, unit shall be deactivated and alarm shall be activated.
- c. T-100-AHU-4: Discharge air thermostat in air handling unit 100-AHU-4 and remote room override thermostat by unit manufacturer
 - ~~1)~~ Monitor and control discharge air temperature of unit.
- ~~c.~~ Interlock control with heater 100-AHU-4.
- ~~d.~~ Analog, non-set back type, corrosion resistant, XP rated. Type acceptable to unit manufacturer
- ~~c.~~ Set points: minimum 40 degrees F; maximum 85 degrees F.
- ~~f.d.~~ Range: 3 to 5 degrees F.
- ~~g.e.~~ 100-EF-4: Controlled by SCADA by Division 26 and switch on MCC by Division 26. Interlock control with damper 100-DF-4 ~~and damper 100-DM-4.~~
 - 1) Fan ON/OFF shall be by manual switch provided by Division 26.
 - 2) When switch is turned on, fan shall turn on and dampers shall open.
 - 3) When switch is turned off, fan shall turn off and dampers shall close.
- ~~h.f.~~ 100-CH-7: Control with thermostat T-100-CH-7:
 - 1) When thermostat calls for heating, unit shall be activated.
 - 2) When thermostat is satisfied, unit shall be deactivated.
- ~~i.g.~~ T-100-CH-7: Interlock control with heater 100-CH-7.
 - 1) Analog, non-set back type, corrosion resistant, XP rated. Type acceptable to unit manufacturer
 - 2) Set points: minimum 40 degrees F; maximum 85 degrees F.
 - 3) Range: 3 to 5 degrees F.
- ~~j.h.~~ 100-CH-8: Control with thermostat T-100-CH-8:
 - 1) When thermostat calls for heating, unit shall be activated.
 - 2) When thermostat is satisfied, unit shall be deactivated.
- ~~k.i.~~ T-100-CH-8: Interlock control with heater 100-CH-8.

- 1) Analog, non-set back type, corrosion resistant, XP rated. Type acceptable to unit manufacturer
- 2) Set points: minimum 40 degrees F; maximum 85 degrees F.
- 3) Range: 3 to 5 degrees F.



Dampers:

- 1) 100-DF-4: Interlock with fan 100-EF-4
 - a) Two-position actuator with NEMA 4X enclosure. Spring open, power closed.
 - b) When ~~switch is turned fan~~ on and 100-AHUEF-4 is activated, fan shall turn on and dampers shall be in 100% open position. Damper does not need to be in 100% open position for unit to be activated
 - c) When ~~switch is turned off and fan~~ 100-AHUEF-4 is deactivated, ~~fan shall turn off and dampers shall be in 100% closed position.~~
- 2) 100-DM-4: ~~Interlock with fan 100-AHU-4~~ Controlled by SCADA
 - a) Two-position actuator with NEMA 4X enclosure. Spring open, power closed.
 - b) When unit is activated, damper shall be in 100% open position. Damper shall be in 100% open position for unit to be activated.
 - c) When unit is deactivated, damper shall be in 100% closed position. Damper need not be in 100% closed position for unit to be deactivated.

7. Toilet Room 100-116:

a. Written Description:

- 1) Ventilation: System operation shall be controlled by light switch by division 26

b. 100-EF-9: Interlock control with damper 100-DF-9

- 1) Fan ON/OFF shall be by manual switch provided by Division 26.
- 2) When switch is turned on, fan shall turn on and dampers shall open.
- 3) When switch is turned off, fan shall turn off and dampers shall close.

c. Dampers:

- 1) 100-DF-9: Interlock with fan 100-EF-9
 - a) Fast acting type: full movement within 20-seconds.
 - b) Two-position actuator. Spring open, powered closed.
 - c) When switch is turned on and 100-EF-9 is activated, fan shall turn on and damper shall open
 - d) When switch is turned off and 100-EF-9 is deactivated, fan shall turn off and damper shall close.

8. Mechanical Room 100-103

a. Written description:

- 1) Ventilation: System shall be controlled by thermostat
- 2) Heating: System shall be controlled by thermostat

b. 100-CH-2: Control with thermostat T-100-CH-2:

- 1) When thermostat calls for heating, unit shall be activated.
- 2) When thermostat is satisfied, unit shall be deactivated.

c. T-100-CH-2: Interlock control with heater 100-CH-2.

- 1) Analog, non-set back type, corrosion resistant, XP rated. Type acceptable to unit manufacturer
- 2) Set points: minimum 40 degrees F; maximum 85 degrees F.
- 3) Range: 3 to 5 degrees F.

d. Damper

- 1) 100-DL-4: Controlled by thermostat 100-CH-2
 - a) Fast acting type: full movement within 20 seconds.
 - b) Two-position actuator. Spring open, powered closed.
 - c) When room temperature is above 40°F, damper shall be open.
 - d) When room temperature is less than 40°F, damper shall be closed.

9. East Electric Room 100-104

a. Written Description:

- 1) Ventilation: System operation shall be controlled by switch and thermostat
- 2) Heating: System shall be controlled by thermostat
- b. 100-EF-8: Control Fan with S-100-EF-8 and thermostat T-100-EF-8. Interlock control with dampers 100-DF-8 & 100-DL-3.
 - 1) When switch is activated, fan shall be activated.
 - 2) When switch is deactivated, fan shall be deactivated.
 - 3) When thermostat calls for cooling, fan shall be activated.
 - 4) When thermostat is deactivated, fan shall be deactivated.
- c. 100-CH-3: Control with thermostat T-100-CH-3:
 - 1) When thermostat calls for heating, unit shall be activated.
 - 2) When thermostat is satisfied, unit shall be deactivated.
- d. T-100-CH-3: Interlock control with heater 100-CH-3.
 - 1) Analog, non-set back type, corrosion resistant, XP rated. Type acceptable to unit manufacturer
 - 2) Set points: minimum 40 degrees F; maximum 85 degrees F.
 - 3) Range: 3 to 5 degrees F.
- e. Dampers:
 - 1) 100-DF-8: Interlock with fan 100-EF-8, and damper 100-DL-3
 - a) Fast acting type: full movement within 20-seconds.
 - b) Two-position actuator. Spring open, powered closed.
 - c) When 100-EF-8 is activated, fan shall turn on and damper shall open
 - d) When 100-EF-8 is deactivated, fan shall turn off and damper shall close.
 - 2) 100-DL-3: Interlock with fan 100-EF-8, and damper 100-DF-8
 - a) Fast acting type: full movement within 20-seconds.
 - b) Two-position actuator. Spring open, powered closed.
 - c) When 100-EF-8 is activated, fan shall turn on and damper shall open
 - d) When 100-EF-8 is deactivated, fan shall turn off and damper shall close.

C.10. Blower Room 100-102:

- a. Written Description:
 - 1) Ventilation: System operation shall be controlled by switch and thermostat
 - 2) Heating/cooling: System shall be controlled by thermostat
- b. 100-EF-5 & 6: Control Fan with S-100-EF-5 & 6 and thermostat T-100-EF-5 & 6. Interlock control with damper 100-DF-5 & 6 & 100-DL-1.
 - 1) When switch is activated, fan shall be activated.
 - 2) When switch is deactivated, fan shall be deactivated.
 - 3) When thermostat calls for cooling, fan shall be activated.
 - 4) When thermostat is deactivated, fan shall be deactivated.
 - 5) Thermostats to be set at 5°F difference so one fan turns on before the other. Thermostat set points to be adjustable so fan that turns on first can be adjustable.
- c. 100-EF-7: Control Fan with S-100-EF-7 and thermostat T-100-EF-7. Interlock control with damper 100-DF-7 & 100-DL-2.
 - 1) When switch is activated, fan shall be activated.
 - 2) When switch is deactivated, fan shall be deactivated.
 - 3) When thermostat calls for cooling, fan shall be activated.
 - 4) When thermostat is deactivated, fan shall be deactivated.
- d. T-100-EF-5: Interlock control with fan 100-EF-5.
 - 1) Analog, non-set back type, corrosion resistant, XP rated. Type acceptable to unit manufacturer
 - 2) Set points: minimum 40 degrees F; maximum 85 degrees F.
 - 3) Range: 3 to 5 degrees F.
- e. T-100-EF-6: Interlock control with fan 100-EF-6.
 - 1) Analog, non-set back type, corrosion resistant, XP rated. Type acceptable to unit manufacturer
 - 2) Set points: minimum 40 degrees F; maximum 85 degrees F.
 - 3) Range: 3 to 5 degrees F.
- f. T-100-EF-7: Interlock control with heater 100-EF-7.

- 1) Analog, non-set back type, corrosion resistant, XP rated. Type acceptable to unit manufacturer
- 2) Set points: minimum 40 degrees F; maximum 85 degrees F.
- 3) Range: 3 to 5 degrees F.
- g. 100-CH-4: Control with thermostat T-100-CH-4:
 - 1) When thermostat calls for heating, unit shall be activated.
 - 2) When thermostat is satisfied, unit shall be deactivated.
- h. T-100-CH-4: Interlock control with heater 100-CH-4.
 - 1) Analog, non-set back type, corrosion resistant, XP rated. Type acceptable to unit manufacturer
 - 2) Set points: minimum 40 degrees F; maximum 85 degrees F.
 - 3) Range: 3 to 5 degrees F.
- 100-CH-6: Control with thermostat T-100-CH-6:
 - 1) When thermostat calls for heating, unit shall be activated.
 - 2) When thermostat is satisfied, unit shall be deactivated.
- j. T-100-CH-6: Interlock control with heater 100-CH-6.
 - 1) Analog, non-set back type, corrosion resistant, XP rated. Type acceptable to unit manufacturer
 - 2) Set points: minimum 40 degrees F; maximum 85 degrees F.
 - 3) Range: 3 to 5 degrees F.
- k. Dampers:
 - 1) 100-DF-5 & 6: Interlock with fan 100-EF-5 & 6, and damper 100-DL-1
 - a) Fast acting type: full movement within 20-seconds.
 - b) Two-position actuator. Spring open, powered closed.
 - c) When 100-EF-8 is activated, fan shall turn on and damper shall open
 - d) When 100-EF-8 is deactivated, fan shall turn off and damper shall close.
 - 2) 100-DF-7: Interlock with fan 100-EF-7, and damper 100-DL-2
 - a) Fast acting type: full movement within 20-seconds.
 - b) Two-position actuator. Spring open, powered closed.
 - c) When 100-EF-8 is activated, fan shall turn on and damper shall open
 - d) When 100-EF-8 is deactivated, fan shall turn off and damper shall close.
 - 3) 100-DL-1: Interlock with fan 100-EF-5 & 6, and damper 100-DF-5 & 6
 - a) Fast acting type: full movement within 20-seconds.
 - b) Two-position actuator. Spring open, powered closed.
 - c) When 100-EF-8 is activated, fan shall turn on and damper shall open
 - d) When 100-EF-8 is deactivated, fan shall turn off and damper shall close.
 - 4) 100-DL-2: Interlock with fan 100-EF-7, and damper 100-DF-7
 - a) Fast acting type: full movement within 20-seconds.
 - b) Two-position actuator. Spring open, powered closed.
 - c) When 100-EF-8 is activated, fan shall turn on and damper shall open
 - d) When 100-EF-8 is deactivated, fan shall turn off and damper shall close.

B. Building 500

- 1. Chemical Room 500-101
 - a. Written Description:
 - 1) Ventilations: System operation shall be controlled by switch and timer through SCADA
 - 2) Heating: System shall be controlled by thermostat.
 - b. Existing Fan: Control Fan with light switch and timer by SCADA
 - 1) When switch is activated, fan shall be activated.
 - 2) When switch is deactivated, fan shall be deactivated.
 - 3) When timer is activated, fan shall be activated.
 - 4) When timer is deactivated, fan shall be deactivated
 - c. 500-UH-1: Control with thermostat 500-UH-1:
 - 1) When thermostat calls for heating, unit shall be activated.

2) When thermostat is satisfied, unit shall be deactivated.

C. Building 650

1. Pump Room 650-101

a. Written Description:

1) Ventilations: System operation shall be controlled by switch, thermostat and SCADA.

2) Heating/Cooling: System shall be controlled by thermostat.

b. 650-IF-1: Control fan with thermostat and SCADA. Interlock control with damper 100-DF-1 and damper 100-DM-1.

1) Fan Hand/Auto shall be by manual switch provided by Division 26. Switch shall be located in MCC.

2) When switch is turned Hand, fan shall be on.

3) When switch is turned auto, fan shall be controlled by SCADA. Fan shall run continuously unless Thermostat, by Division 26, turns the system off.

4) Fan Disconnect to be used as off.

c. 650-IF-2: Control fan with S-650-IF-2 and T-650-IF-2 by Div 23. Interlock with damper 650-DF-2 and damper 650-DL-2

1) When switch is activated, fan shall be activated.

2) When switch is deactivated, fan shall be deactivated.

3) When thermostat calls for cooling, fan shall be activated.

4) When thermostat is deactivated, fan shall be deactivated.

d. 650-DF-1: Interlock with fan 650-IF-1, and damper 650-DL-1

1) Fast acting type: full movement within 20-seconds.

2) Two-position actuator. Spring open, powered closed.

3) When 650-IF-1 is activated, fan shall turn on and damper shall open

4) When 650-IF-1 is deactivated, fan shall turn off and damper shall close.

e. 650-DL-1: Interlock with fan 650-IF-1, and damper 650-DF-1

1) Fast acting type: full movement within 20-seconds.

2) Two-position actuator. Spring open, powered closed.

3) When 650-IF-1 is activated, fan shall turn on and damper shall open

4) When 650-IF-1 is deactivated, fan shall turn off and damper shall close.

f. 650-DF-2: Interlock with fan 650-IF-2, and damper 650-DL-2

1) Fast acting type: full movement within 20-seconds.

2) Two-position actuator. Spring open, powered closed.

3) When 650-IF-1 is activated, fan shall turn on and damper shall open

4) When 650-IF-1 is deactivated, fan shall turn off and damper shall close.

g. 650-DL-2: Interlock with fan 650-IF-2, and damper 650-DL-2

1) Fast acting type: full movement within 20-seconds.

2) Two-position actuator. Spring open, powered closed.

3) When switch is activated, fan shall turn on and damper shall open

4) When switch is deactivated, fan shall turn off and damper shall close.

5) When thermostat calls for cooling, fan shall turn on and damper shall open

6) When thermostat is deactivated, fan shall turn off and damper shall close.

h. 650-UH-1: Control with thermostat 650-UH-1:

1) When thermostat calls for heating, unit shall be activated.

2) When thermostat is satisfied, unit shall be deactivated.

2. Electrical Room 650-102

a. Written Description:

1) Heating/Cooling: System shall be controlled by thermostat by Div 23.

b. 650-UH-2: Control with thermostat 650-UH-2:

1) When thermostat calls for heating, unit shall be activated.

2) When thermostat is satisfied, unit shall be deactivated.

c. 650-IU-1 & 650-OU-1: Control with thermostat T-650-IU-1 and integral controls.

1) System fan shall turn on when thermostat calls for cooling

2) System fan shall turn off when thermostat does not call for cooling

D. Building 800

1. Garage Room 800-119

a. Written Description:

1) Ventilation: System operation shall be controlled by Switches, Intermittent Ventilation and CO/NO2 sensor.

2) Heating: Systems shall be controlled by thermostats.

h. Fans

1) 800-IF-1: Control with unit override switch S-800-IF-1, light switch, CO/NO2 sensor and timer TM-800-IF-1. Interlock with dampers, 800-DF-1, 800-DL-2 and louver, 800-L-2.

a) When switch S-800-IF-1 is "On" position, fan shall be activated.

b) When switch S-800-IF-1 is "Auto" position, fan shall be run per timer and CO/NO2 sensor and light switches.

c) When light switches by division 26 is on, fan shall be activated

d) Adjustable time TM-800-IF-1. Unit shall be set to run for 5 total hours every 24 hours.

e) Unit shall activate upon detection of CO/NO2 from sensor.

f) Unit shall run by other control devices when no detection of CO/NO2 in room.

2) 800-DS-1/2: Control with switch S-800-DS-1/2.

a) When switch is "on" position, fan shall be activated.

b) When switch is "off" position, fan shall be deactivated.

c. Dampers:

1) 800-DF-1: Interlock with fan 800-IF-1, Louver 800-L-2 and damper 800-DL-2

a) Two-position actuated damper.

b) Operation: Spring open, power close.

c) When fan is activated, damper shall be in 100% open position. Damper need not be 100% open for fan to be activated.

d) When fan is deactivated, damper shall be in 100% closed position.

2) 800-DL-2: Interlock with fan 800-IF-1, Louver 800-L-1 and damper 800-DF-1

a) Two-position actuated damper.

b) Operation: Spring open, power close.

c) When fan is activated, damper shall be in 100% open position. Damper need not be 100% open for fan to be activated.

d) When fan is deactivated, damper shall be in 100% closed position.

d. Heaters:

1) 800-UH-1: Control with thermostat T-800-UH-1

2) 800-UH-2: Control with thermostat T-800-UH-2

e. Switches:

1) S-800-IF-1/2: Interlock control with fan 800-IF-1

a) Remote room On/Auto switch.

2) S-800-DS-1/2: Interlock control with fan 800-DS-1/2

a) Remote room switch by unit manufacturer.

Thermostats:

1) T-800-UH-1: Interlock control with heater 800-UH-1.

a) Remote room adjustable thermostat.

b) Analog, non-setback type. Type acceptable to manufacturer

c) Set points: minimum 55 degrees F; maximum 95 degrees F.

d) Range: 3 to 5 degrees F.

2) T-800-UH-2: Interlock with heater 800-UH-2

a) Remote room thermostat.

b) Analog, non-setback type. Type acceptable to manufacturer

c) Set points: minimum 55 degrees F; maximum 95 degrees F.

d) Range: 3 to 5 degrees F.

2. Office Areas
- a. Fans:
- 1) 800-EF-1: Control fan with fume hood. Interlock control with 800-F-3
 - a) When fume hood switch is ON position, fan shall be activated.
 - 1 800-ERU-1 shall supply makeup outdoor air when fan and fume hood are activated.
 - b) When fume hood switch is OFF position, fan shall be deactivated.
- b. Furnaces/Compressor:
- 1) 800-F-1 & 800-CU-1: Control with thermostat T-800-F-1 and integral controls.
 - a) System fan shall run continuously during all thermostat occupied and override periods
 - b) System fan shall operate intermittently during thermostat unoccupied periods to maintain set point temperature
 - 2) 800-F-2 & 800-CU-2: Control with thermostat T-800-F-2 and integral controls
 - a) System fan shall run continuously during all thermostat occupied and override periods
 - b) System fan shall operate intermittently during thermostat unoccupied periods to maintain set point temperature
 - 3) 800-F-3 & 800-CU-3: Control with thermostat T-800-F-3 and integral controls
 - a) System fan shall run continuously during all thermostat occupied and override periods
 - b) System fan shall operate intermittently during thermostat unoccupied periods to maintain set point temperature
- c. Split System:
- 1) 800-IU-1 & 800-OU-1: Control with thermostat T-800-IU-1 and integral controls.
 - a) System fan shall turn on when thermostat calls for cooling
 - b) System fan shall turn off when thermostat does not call for cooling
- d. Energy Recovery Unit:
- 1) 800-ERU-1: Control with integral controls and furnace thermostat occupancy and override settings and Fan 800-EF-1. Interlock with fan 800-EF-1 and furnaces 800-F-1, 800-F-2, and 800-F-3.
 - a) When thermostats are in unoccupied mode, system shall be deactivated (0 CFM).
 - b) When any thermostat is in occupied or override mode, system low speed (650 CFM) shall be activated.
 - c) When fume hood switch is in ON position, system high speed (1500 CFM) is activated.
 - d) System heater shall turn on when outdoor air is below system setpoint.
- e. Heaters:
- 1) 800-UH-3: Control with thermostat T-800-UH-3
 - 2) 800-UH-4: Control with thermostat T-800-UH-4
 - 3) 800-UH-5: Control with thermostat T-800-UH-5
 - 4) 800-RCP-1: Control with thermostat T-800-RCP-1
 - 5) 800-RCP-2: Control with thermostat T-800-RCP-2
 - 6) 800-EWH-1: Control with integral thermostat
 - 7) 800-EWH-2: Control with integral thermostat
 - 8) 800-EWH-3: Control with integral thermostat
 - 9) 800-EWH-4: Control with integral thermostat
 - 10) 800-EWH-5: Control with integral thermostat
- Thermostats:
- 1) T-800-UH-3: Interlock with heater 800-UH-3
 - a) Remote room thermostat.
 - b) Analog, non-setback type. Type acceptable to manufacturer

- c) Set points: minimum 55 degrees F; maximum 95 degrees F.
- d) Range: 3 to 5 degrees F.
- 2) T-800-UH-4: Interlock with heater 800-UH-4
 - a) Remote room thermostat.
 - b) Analog, non-setback type. Type acceptable to manufacturer
 - c) Set points: minimum 55 degrees F; maximum 95 degrees F.
 - d) Range: 3 to 5 degrees F.
- 3) T-800-UH-5: Interlock with heater 800-UH-5
 - a) Remote room thermostat.
 - b) Analog, non-setback type. Type acceptable to manufacturer
 - c) Set points: minimum 55 degrees F; maximum 95 degrees F.
 - d) Range: 3 to 5 degrees F.
- 4) T-800-RCP-1: Interlock with heater 800- RCP -1
 - a) Remote room thermostat.
 - b) Analog, non-setback type. Type acceptable to manufacturer
 - c) Set points: minimum 55 degrees F; maximum 95 degrees F.
 - d) Range: 3 to 5 degrees F.
- 5) T-800-RCP-2: Interlock with heater 800-RCP-2
 - a) Remote room thermostat.
 - b) Analog, non-setback type. Type acceptable to manufacturer
 - c) Set points: minimum 55 degrees F; maximum 95 degrees F.
 - d) Range: 3 to 5 degrees F.
- 6) T-800-F-1: Interlock with Furnace 800-F-1
 - a) Remote room thermostat.
 - b) Heating mode: Thermostat shall control furnace to maintain room temperature within set point range.
 - c) Cooling mode: Thermostat shall control condenser to maintain room temperature within set point range.
 - d) Programmable thermostat shall be capable of having separate set points for day (occupied) and night (unoccupied) for all seven days of the week. Shall also have timed night (unoccupied) override to activate day set point for a preprogrammed amount of time.
 - e) Automatic heating-cooling switch over with modulating or staged heating and cooling compatible with furnace and condensing unit.
- 7) T-800-F-2: Interlock with Furnace 800-F-2
 - a) Remote room thermostat.
 - b) Heating mode: Thermostat shall control furnace to maintain room temperature within set point range.
 - c) Cooling mode: Thermostat shall control condenser to maintain room temperature within set point range.
 - d) Programmable thermostat shall be capable of having separate set points for day (occupied) and night (unoccupied) for all seven days of the week. Shall also have timed night (unoccupied) override to activate day set point for a preprogrammed amount of time.
 - e) Automatic heating-cooling switch over with modulating or staged heating and cooling compatible with furnace and condensing unit.
- 8) T-800-F-3: Interlock with Furnace 800-F-3
 - a) Remote room thermostat.
 - b) Heating mode: Thermostat shall control furnace to maintain room temperature within set point range.
 - c) Cooling mode: Thermostat shall control condenser to maintain room temperature within set point range.

- d) Programmable thermostat shall be capable of having separate set points for day (occupied) and night (unoccupied) for all seven days of the week. Shall also have timed night (unoccupied) override to activate day set point for a preprogrammed amount of time.
- e) Automatic heating-cooling switch over with modulating or staged heating and cooling compatible with furnace and condensing unit.
- 9) T-800-IU-1: Interlock with split system 800-IU-1
 - a) Remote room thermostat.
 - b) Analog, non-setback type. Type acceptable to manufacturer
 - c) Set points: minimum 55 degrees F; maximum 95 degrees F.
 - d) Range: 3 to 5 degrees F.
- g. Dampers:
 - 1) 800-DL-3: Interlock with furnaces 800-F-1, 800-F-2, and 800-F-3.
 - a) Two-position actuated damper.
 - b) Operation: Spring open, power close.
 - c) When fan is activated, damper shall be in 100% open position. Damper need not be 100% open for fan to be activated.
 - d) When fan is deactivated, damper shall be in 100% closed position.
 - 2) 800-DL-4: Interlock with furnaces 800-F-1, 800-F-2, and 800-F-3.
 - a) Two-position actuated damper.
 - b) Operation: Spring open, power close.
 - c) When fan is activated, damper shall be in 100% open position. Damper need not be 100% open for fan to be activated.
 - d) When fan is deactivated, damper shall be in 100% closed position.
- a. ~~Written Description:~~
 - 1) ~~Ventilation: System operation shall be controlled by light switch and~~

3.29 SCHEDULE OF MECHANICAL IDENTIFICATION

- A. Identification shall be mounted on equipment or on wall directly above controls, unless noted otherwise.
- B. Identification shall match unit tags as called out on drawings and drawing schedules.
- C. Main Lift Station – Structure 10:
 - 1. Heaters:
 - a. 100-CH-1: "100-CH-1"
 - b. 100-CH-2: "100-CH-2"
 - c. 100-CH-3: "100-CH-3"
 - d. 100-CH-4: "100-CH-4"
 - e. 100-CH-5: "100-CH-5"
 - f. 100-CH-6: "100-CH-6"
 - g. 100-CH-7: "100-CH-7"
 - h. 100-CH-: "100-CH-8"
 - 2. Make-Up Air Units:
 - a. 100-AHU-1: "100-AHU-1"
 - b. 100-AHU-2: "100-AHU-2"
 - c. 100-AHU-3: "100-AHU-3"
 - d. 100-AHU-4: "100-AHU-4"
 - 3. Air Conditioners:
 - a. 100-IU-1: "100-IU-1" on interior and exterior units
 - 4. Fans:
 - a. 100-EF-1: "100-EF-1"
 - b. 100-EF-2: "100-EF-2"
 - c. 100-EF-3: "100-EF-3"
 - d. 100-EF-4: "100-EF-4"

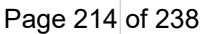
- e. 100-EF-5: "100-EF-5"
 - f. 100-EF-6: "100-EF-6"
 - g. 100-EF-7: "100-EF-7"
 - h. 100-EF-8: "100-EF-8"
 - 5. Dampers:
 - a. 100-DL-1: "100-DL-1" on actuator box
 - b. 100-DL-2: "100-DL-2" on actuator box
 - c. 100-DL-3: "100-DL-3" on actuator box
 - d. 100-DF-1: "100-DF-1" on actuator box
 - e. 100-DF-2: "100-DF-2" on actuator box
 - f. 100-DF-3: "100-DF-3" on actuator box
 - g. 100-DF-4: "100-DF-4" on actuator box
 - h. 100-DF-5: "100-DF-5" on actuator box
 - i. 100-DF-6: "100-DF-6" on actuator box
 - j. 100-DF-7: "100-DF-7" on actuator box
 - k. 100-DF-8: "100-DF-8" on actuator box
 - l. 100-DL-1: "100-DL-1" on actuator box
 - m. 100-DL-2: "100-DL-2" on actuator box
 - n. 100-DL-3: "100-DL-3" on actuator box
 - o. 100-DM-1: "100-DM-1" on actuator box
 - p. 100-DM-2: "100-DM-2" on actuator box
 - q. 100-DM-3: "100-DM-3" on actuator box
 - r. 100-DM-4: "100-DM-4" on actuator box
 - 6. Thermostats:
 - a. T-100-CH-1: "Unit Heater 100-CH-1"
 - b. T-100-CH-2: "Unit Heater 100-CH-2"
 - c. T-100-CH-3: "Unit Heater 100-CH-3"
 - d. T-100-CH-4: "Unit Heater 100-CH-4"
 - e. T-100-CH-5: "Unit Heater 100-CH-5"
 - f. T-100-CH-6: "Unit Heater 100-CH-6"
 - g. T-100-CH-7: "Unit Heater 100-CH-7"
 - h. T-100-CH-8: "Unit Heater 100-CH-8"
 - i. T-100-AHU-1: "Makeup Air Unit 100-AHU-1"
 - j. T-100-AHU-2: "Makeup Air Unit 100-AHU-2"
 - k. T-100-AHU-3: "Makeup Air Unit 100-AHU-3"
 - l. T-100-AHU-4: "Makeup Air Unit 100-AHU-4"
 - m. T-100-IU-1: "Split System Unit 100-IU-1"
 - 7. Switches:
 - a. S-100-AHU-3: None
 - b. S-100-EF-5: None
 - c. S-100-EF-6: None
 - d. S-100-EF-7: None
 - e. S-100-EF-8: None
- D. Chemical Building – Structure 500:
- 1. Heaters:
 - a. 500-UH-1: "500-UH-1"
 - 2. Dampers:
 - a. 500-DF-1: "500-DF-1"
 - b. 500-DL-1: "500-DL-1"
 - 3. Thermostats:
 - a. T-800-UH-1: "Unit Heater 800-UH-1"
- E. Sludge Pump Building – Structure 650
- 1. Fans:
 - a. 500-IF-1: "500-IF-1"
 - b. 800-IF-2: "800-IF-2"

2. Air Conditioners:
 - a. 100-IU-1: "100-IU-1" on interior and exterior units
3. Heaters:
 - a. 800-UH-1: "800-UH-1"
 - b. 800-UH-2: "800-UH-2"
4. Dampers:
 - a. 650-DL-1: "650-DL-1"
 - b. 650-DL-2: "650-DL-2"
5. Thermostats:
 - a. T-650-UH-1: "Unit Heater 650-UH-1"
 - b. T-650-UH-2: "Unit Heater 650-UH-2"
 - c. T-650-IU-1: "Unit Heater 650-IU-1"
6. Switches:
 - a. S-650-IF-2: None

E. Administration Building – Structure 800:

1. Furnace/AC:
 - a. 800-F-1: "800-F-1"
 - b. 800-CU-1: "800-CU-1"
 - c. 800-F-2: "800-F-2"
 - d. 800-CU-2: "800-CU-2"
 - e. 800-F-3: "800-F-3"
 - f. 800-CU-3: "800-CU-3"
2. Fans:
 - a. 800-EF-1: "800-EF-1"
 - b. 800-IF-1: "800-IF-1"
 - c. 800-DS-1: "800-DS-1"
 - d. 800-DS-2: "800-DS-2"
3. Heaters:
 - a. 800-UH-1: "800-UH-1"
 - b. 800-UH-2: "800-UH-2"
 - c. 800-UH-3: "800-UH-3"
 - d. 800-UH-4: "800-UH-4"
 - e. 800-UH-5: "800-UH-5"
 - 800-RCP-1: "800-RCP-1"
 - 800-RCP-2: "800-RCP-2"
 - e.h.
4. Dampers:
 - a. 800-DF-1: "800-DF-1"
 - b. 800-DL-2: "800-DL-2"
 - c. 800-DL-3: "800-DL-3"
 - d. 800-DL-4: "800-DL-4"
5. Thermostats:
 - a. T-800-UH-1: "Unit Heater 800-UH-1"
 - b. T-800-UH-2: "Unit Heater 800-UH-2"
 - c. T-800-UH-3: "Unit Heater 800-UH-3"
 - d. T-800-UH-4: "Unit Heater 800-UH-4"
 - e. T-800-UH-5: "Unit Heater 800-UH-5"
 - f. T-800-F-1: "Furnace 800-F-1"
 - g. T-800-F-2: "Furnace 800-F-2"
 - h. T-800-F-3: "Furnace 800-F-3"
 - i. T-800-RCP-1: "Heater 800-RCP-1"
 - j. T-800-RCP-2: "Heater 800-RCP-2"
6. Switches:
 - a. S-800-IF-1: None
 - S-800-DS-1/2: None

	NO. 100 TUBING UNIT HIGH ON EXTERIOR WALL. ROUTE PIPE TO INDOOR UNIT. RUN REFRIGERANT/POWER LINE AT THROUGH WALL WITH PROPER CONNECTION. INSTALL REFRIGERANT/POWER LINE KIT WHERE EXPOSED INSIDE AND OUTSIDE BUILDING IN FABRICATED LINET KIT COVER. ROUTE CONDENSATE TO TERMINATE AT THE EXTERIOR OF THE BUILDING.	17
27	DRYER VENT, PROVIDE VENT DUCTWORK WITH SLOPE/LESS CONSTRUCTION. INTERIOR CLEANOUT FOR LINET REMOVAL FROM VERTICAL DUCT. BACKRAFT DAMPER, AND EXTERIOR VENT CAP AT APPROXIMATELY 30" AFF. COORDINATE EXACT PENETRATION LOCATION WITH OWNER PROVIDED DRYER REQUIREMENTS.	



SHEET KEYNOTES

4	EXISTING PROP FAN WALL OPENING, COORDINATE SEALING OF WALL OPENING WITH ARCHITECTURAL.
22	HEATING CONTRACTOR SHALL FURNISH AND INSTALL NEW NATURAL GAS HEATING SYSTEM AND EXISTING GAS INLET CONNECTION PER MANUFACTURER REQUIREMENTS AND DETAILS.
23	FURNISH AND INSTALL FLE VENT AND COMBUSTION AIR INTAKE PIPING THROUGH ROOF IN EXISTING ROOF PENETRATION WITH CONCENTRIC VENT PER SELECTED BOILER/MANUFACTURERS RECOMMENDATIONS.

PLOT DATE: 2/10/2024 7:20:21 PM PlotSource: Dwg: 00052025 Key: WWT - ACC0000000101 FACILITY_MAL_R001-4

PROJECT DATE	DATE	BY
01/11/2024	01/11/2024	RJS
DESIGNED BY	DATE	REVISIONS
02/05/2024	02/05/2024	1
02/05/2024	02/05/2024	2

PROJECT DATE	DATE	BY
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DESIGNED BY	DATE	REVISIONS
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02/05/2024	02/05/2024	2

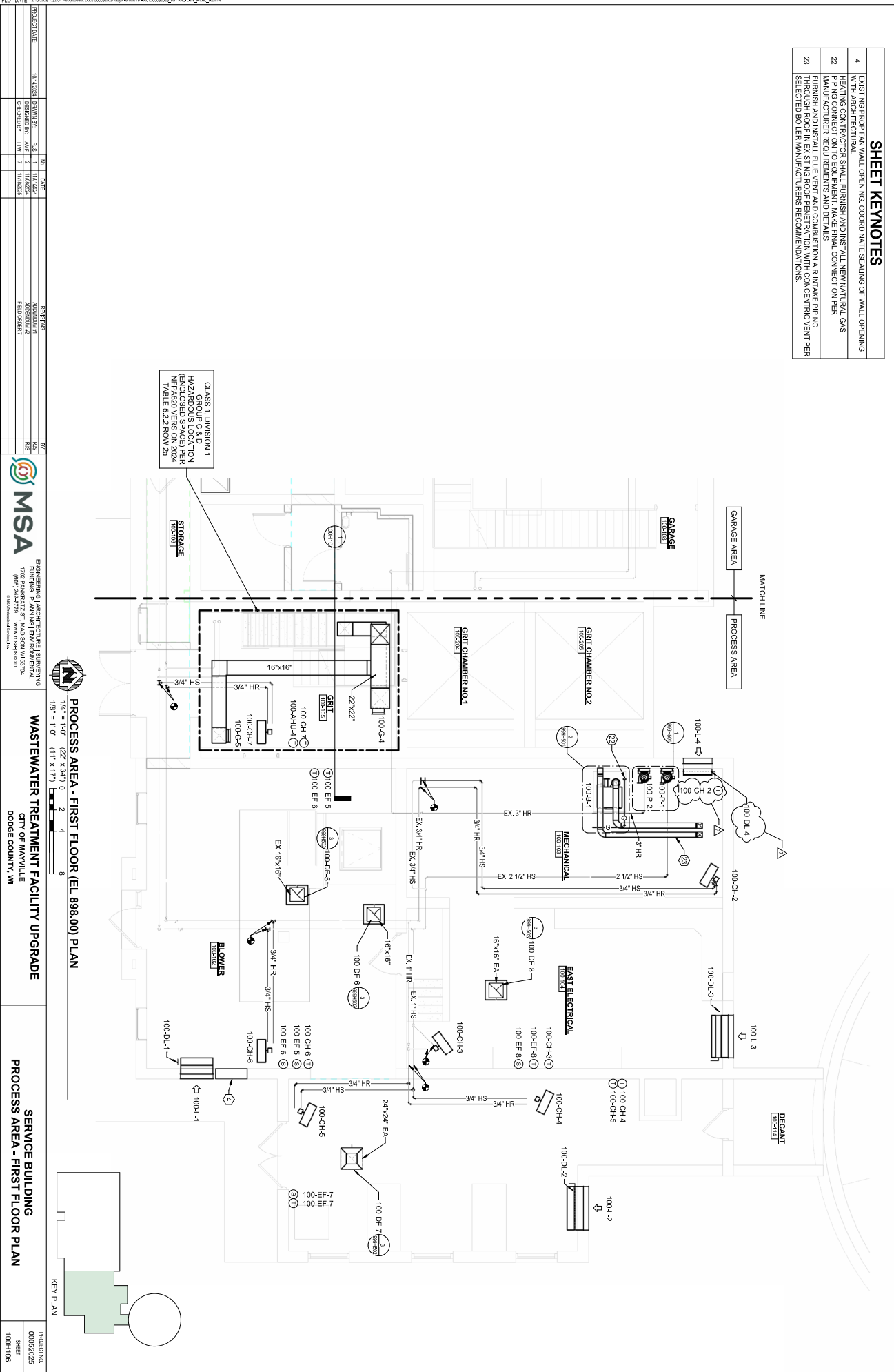
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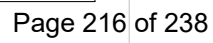
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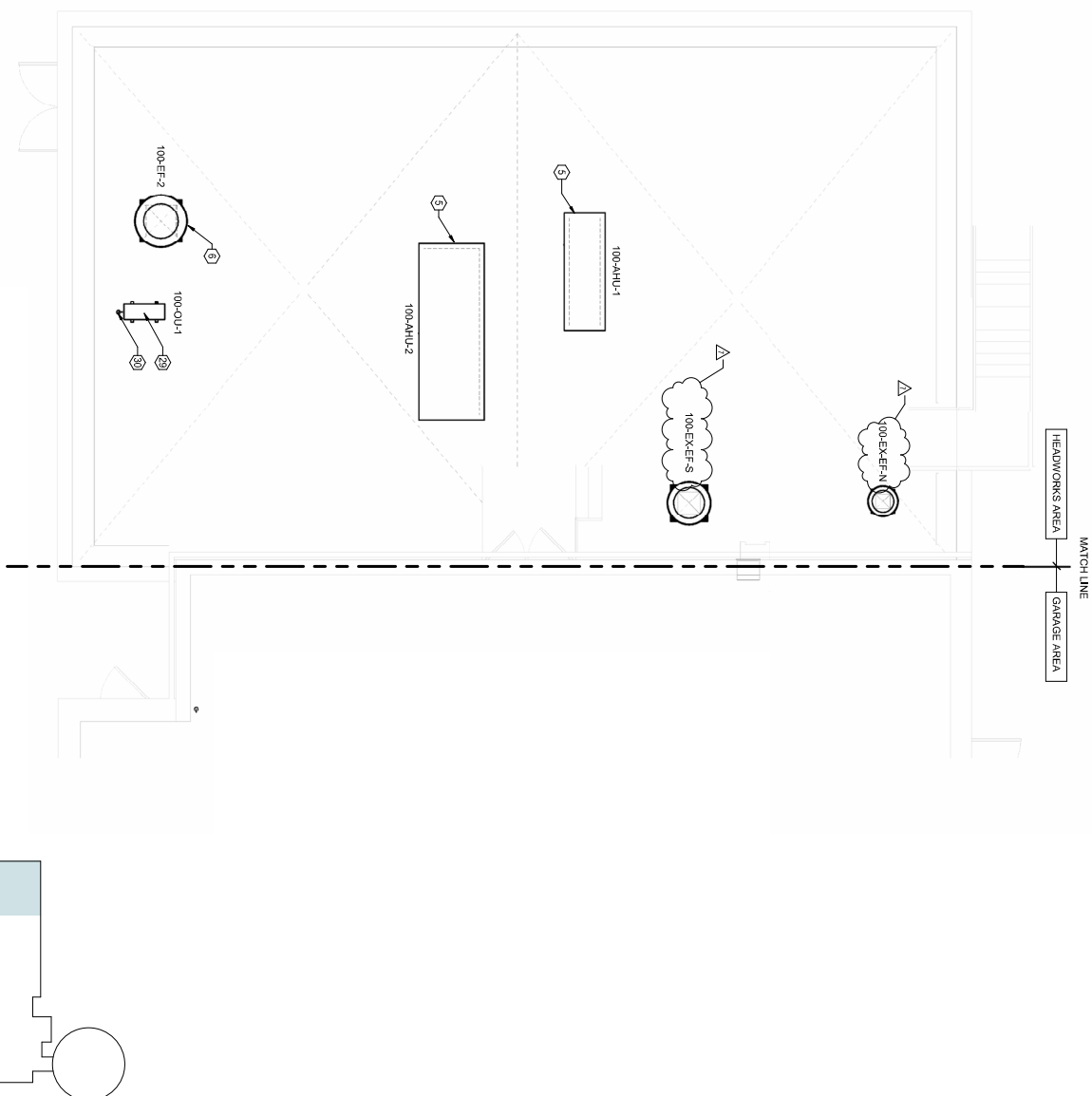
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02/05/2024	02/05/2024	2

PROJECT DATE	DATE	BY
01/11/2024	01/11/2024	RJS
DESIGNED BY	DATE	REVISIONS
02/05/2024	02/05/2024	1
02/05/2024	02/05/2024	2





30	THROUGH PIPE AND SEAL OPEN END OF PIPE WEAHERIGHT.
29	CONDENSING UNIT, HVAC CONTRACTOR TO PROVIDE MANUFACTURED GAS TO COFERT, BURNER AND THROUGH PREPARED ROOF PLANK FOR RETARGENTING RAIN ROOF PENETRATION AND PROVIDE 3" DIA. CPVC PIPE W/ GOSSENCOCK-FOR RETARGENTING THE W/ ROOF FLASHING, HAVE CONTRACTOR TO RUN PIPES THROUGH PIPE AND SEAL OPEN END OF PIPE WEAHERIGHT.
6	PROVIDE EXHAUST FAN AND CURB ABOVE EXISTING DUCT OPENING, AS REQUIRED
5	PROVE CURB TO ALLOW FOR DUCT TRANSITION ABOVE ROOF, AS REQUIRED
4	CONNECT MAKEUP AIR UNIT INTO EXISTING DUCTWORK BELOW ROOF. MODIFY ROOF CURB TO ALLOW FOR DUCT TRANSITION ABOVE ROOF, AS REQUIRED
3	NEW DUCTS THROUGH EXISTING OPENING, AS REQUIRED



PLOT DATE: 27/09/2008																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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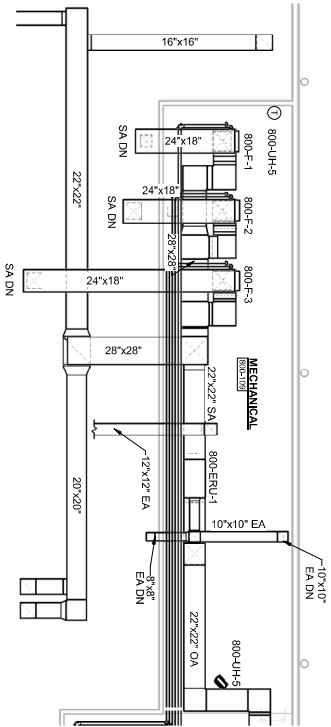
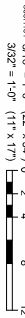
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CITY OF MAYVILLE
DODGE COUNTY, WI

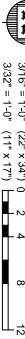
**SERVICE BUILDING
HEADWORKS AREA - ROOF PLAN**

PROJECT NO.	00052025
SHEET	100H109

1 800 HVAC FIRST FLOOR PLAN - UNDER PLATFORM



800 HVAC PLATFORM

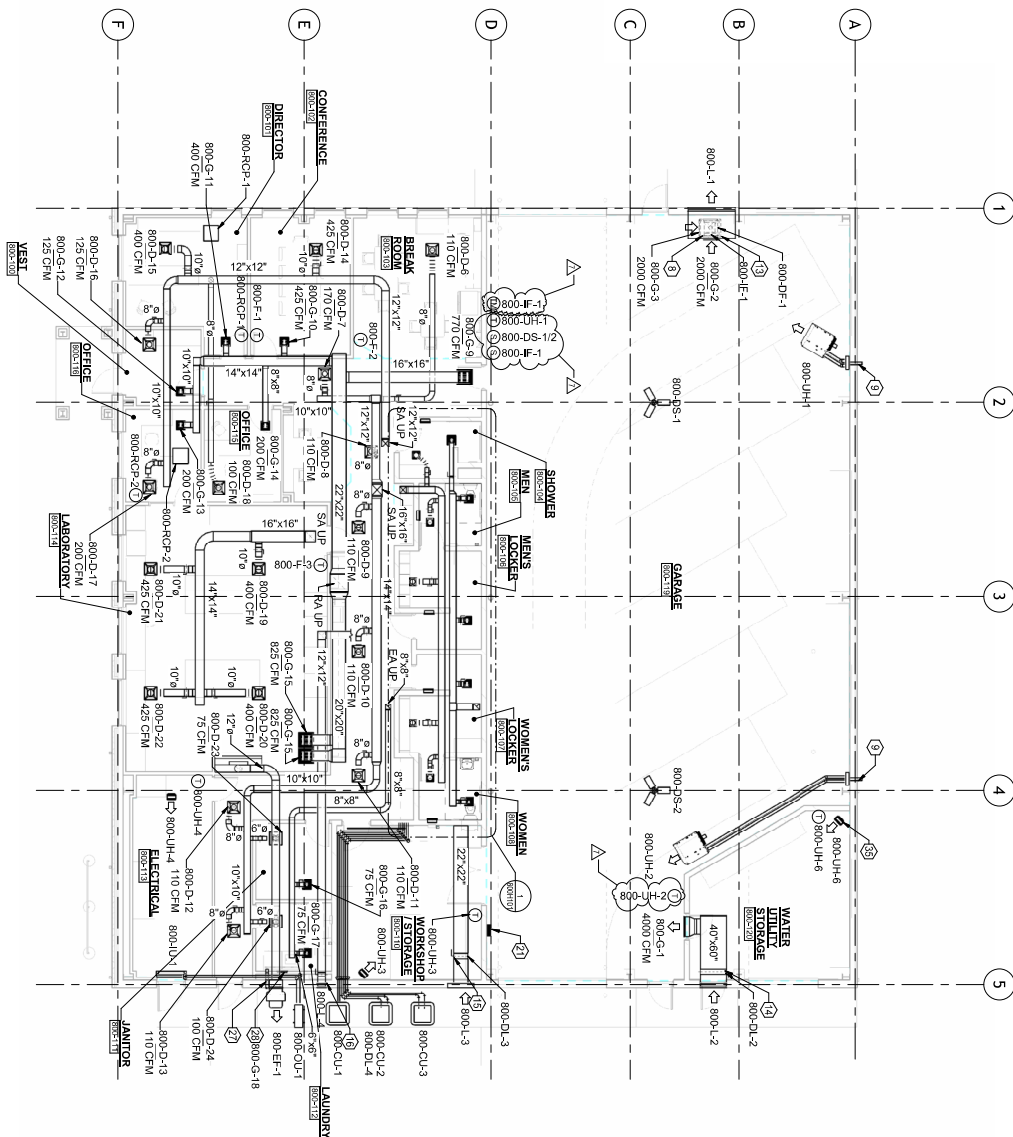



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WASTEWATER TREATMENT FACILITY
CITY OF MAYVILLE
DODGE COUNTY, WISCONSIN

ADMINISTRATION BUILDING HVAC PLANS

PROJECT NO.	00052025
SHEET	800H101



	COMPRESSOR						CONDENSER							WIDTH DIMENSIONS							
	NO. OF SERVICES	NOM. CAP. TONS	SUCT. TEMP.	REF. TYPE	ERR.	SEER	CEN OF STD. AIR	ENT. AIR TEMP.	NO. OF FANS	FAN TYPE	DRIVE	SUPPORT	LENGTH	HEIGHT	WEIGHT LBS.	MANUF. MODEL	VOLTAGE	PHASE	MCA	MCP	Comments
800-CL-1	O/H-CES	1	44°F	R32	12.2	14	1200 CFM	95.9°	1	PBPG.	DIRECT	EQUIPMENT PAD	2'-11 1/2"	3'-5 1/2"	0.33 lbs	DAMEN DYX55A	208 V	1	26 A	45	1,2,4,14,15,20
800-CL-2	BRE	1	44°F	R32	11.7	14	1550 CFM	95.9°	1	PBPG.	DIRECT	EQUIPMENT PAD	2'-11 1/2"	3'-5 1/2"	0.33 lbs	DAMEN DYX55A	208 V	1	26 A	45	1,2,4,14,15,20
800-CL-3	LAB	1	44°F	R32	11.7	14	1550 CFM	95.9°	1	PBPG.	DIRECT	EQUIPMENT PAD	2'-11 1/2"	3'-5 1/2"	0.33 lbs	DAMEN DYX55A	208 V	1	26 A	45	1,2,4,14,15,20

[illegible]

UNIT NO.	TYPE	INPUT IN HH	FUEL TYPE	GAS PRESS. AT INLET TO TRAIN	EXHAUST AIR PIPE SIZE	SUPPORT	Voltage	MANUF. MODEL	Comments
100B-1	HOT WATER CONDENSING	3599000.0	NAT. GAS	7-14 IN HG	4"	CONC. PAD	120 V	LOOKINVAR K8X040IN	1;16;17;18

UNIT NO.	TYPE	MOTOR HP	SPEED	ACTUAL	VOLTAGE	PHASE	MAINT.
100-CH-1	SEWER PUMP	1	120 V	120 V	1	1	MOONLINE H-63
100-CH-2	SEWER PUMP	1	120 V	120 V	1	1	MOONLINE H-63
100-CH-3	EAST ELECTRICAL ROOM	0.05	1	126	1	1	MOONLINE H-18
100-CH-4	COMPRESSOR ROOM	0.08	1	120 V	1	1	MOONLINE H-23
100-CH-5	COMPRESSOR ROOM	0.08	1	120 V	1	1	MOONLINE H-23
100-CH-6	BOILER ROOM	0.12	1	120 V	1	1	MOONLINE H-27
100-CH-7	BOILER ROOM	0.12	1	120 V	1	1	MOONLINE H-27
100-CH-8	GENI ROOM	0.08	1	162	1	1	MOONLINE H-24
100-CH-9	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-10	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-11	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-12	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-13	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-14	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-15	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-16	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-17	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-18	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-19	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-20	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-21	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-22	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-23	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-24	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-25	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-26	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-27	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-28	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-29	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-30	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-31	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-32	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-33	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-34	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-35	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-36	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-37	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-38	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-39	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-40	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-41	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-42	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-43	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-44	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-45	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-46	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-47	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-48	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-49	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-50	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-51	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-52	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-53	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-54	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-55	GENI ROOM	0.08	1	120 V	1	1	MOONLINE H-24
100-CH-56	GENI ROOM	0.					

UNIT NO.	SERVICE	CFM OF STD. AIR	FAN DIA.	MOTOR WATTS	SOLID SPEED CONTROLLER	BLADE HEIGHT A.F.F.	MANUF. MODEL	VOLTAGE	PHASE	Comments
800-05-1	GARAGE ROOM	3,861	4' - 0"	45 W	YES	18' - 6"	QWAKR	120 V	1	-
800-05-2	GARAGE ROOM	3,961	4' - 0"	45 W	YES	18' - 6"	QWAKR	120 V	1	-

UNIT NO.	Damper Air PD	Damper Height	Damper Width	System	HAUNIT/ MODEL	Comments
100-D-1-3	10.0 mmHg	30"	5A	DA	GREENHECK CD-45	1,2,1
100-D-1-3	10.0 mmHg	22"	4B	DA	GREENHECK CD-45	1,2,1
100-D-1-3	10.0 mmHg	16.0 mmHg	5A	DA	GREENHECK CD-45	1,2,1
100-D-1-4	10.0 mmHg	46"	32"	32"	GREENHECK CD-45	1,2,1
100-D-1-4	10.0 mmHg	32"	32"	32"	GREENHECK CD-45	1,2,1
100-D-1-4	10.0 mmHg	32"	24"	32"	GREENHECK CD-45	1,2,1
100-D-1-4	10.0 mmHg	32"	24"	32"	GREENHECK CD-45	1,2,1
100-D-1-3	10.0 mmHg	32"	32"	DA	GREENHECK CD-45	1,2,1
100-D-1-3	10.0 mmHg	32"	32"	DA	GREENHECK CD-45	1,2,1
100-D-1-4	10.0 mmHg	12"	12"	DA	GREENHECK CD-45	1,2,1, 3,3

UNIT NO.	Damper Air PD	Damper Height	Damper Width	System Abbreviation	MANUF./MODEL	Comments
100-DMA-1	0.10 in-wg	18"	30"	RA	GREENHECK TCD-45	1.21.
100-DMA-2	0.10 in-wg	24"	44"	RA	GREENHECK TCD-45	1.21.
100-DMA-3	0.10 in-wg	24"	28"	RA	GREENHECK TCD-45	1.21.
100-DMA-4	0.10 in-wg	22"	22"	SA	GREENHECK TCD-45	1.21.

UNIT NO.	PS	Diameter	Diameter Width	System Abbreviation	MANUIZ Model	Comments
100-3-1	0.0	16	16	EA	GREENHICK-CD-5	1.21.
100-3-2	0.0	16	16	EA	GREENHICK-CD-5	1.21.
100-3-3	0.0	24	24	BA	GREENHICK-CD-5	1.21.
100-3-4	0.0	24	24	SA	GREENHICK-CD-5	1.21.
100-3-5	0.0	16	16	EA	GREENHICK-CD-5	1.21.
100-3-6	0.0	16	16	EA	GREENHICK-CD-5	1.21.
100-3-7	0.0	24	24	EA	GREENHICK-CD-5	1.21.
100-3-8	0.0	24	24	EA	GREENHICK-CD-5	1.21.
100-3-9	0.0	10	10	EA	GREENHICK-CD-5	1.21.
100-3-10	0.0	10	10	EA	GREENHICK-CD-5	1.21.
100-3-11	0.0	20	20	EA	GREENHICK-CD-5	1.21.
100-3-12	0.0	28	28	EA	GREENHICK-CD-5	1.21.

[illegible]

1. SEE PROJECT MANUAL (PMA) SPECIFICATION FOR SEQUENCE OF OPERATION.
2. MAINTAIN MANUFACTURER SPECIFIED CLEARANCES. PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
3. DISCONNECT BY UNIT MANUFACTURER.
4. FURNISH DISCONNECT. INSTALLATION BY ELECTRICAL.
5. MAINTAIN EXTERIOR UNIT TO MAINTAIN CLEARANCES REQUIRED BY MANUFACTURER.
6. RYMAK COATING. COLOR TO BE SELECTED BY ARCHITECT.
7. PROVIDE MANUFACTURER'S OPTIMAL (SSI) CORROSION RESISTANT CONSTRUCTION FOR EXTERIOR UNIT.
8. INSTALL IN EXISTING OPENING. CONTRACTOR TO FIELD VERIFY OPENING SIZE AND ADJUST SCHEDULED LOUVER SIZE TO FIT WITHIN EXISTING OPENING WITHOUT MODIFICATIONS.
9. SCALD CONNECTION - SEE DIVISION 26.
10. SET FURNACE AIRFLOW SWITCHES TO OBTAIN SCHEDULED COOLING AIRFLOW RATE.
11. PROVIDE EXHAUST FAN WITH EXHAUST FLOW CURVES AND EXHAUST FAN RUNNING AND OUTSIDE AIR EXHAUST FAN RUNNING.
12. SCALD CONNECTION - SEE DIVISION 26.
13. MEDIA FILTER CABINET. INSTALL AT UNIT RETURN CONNECTION.
14. SET FLOW OF MINIMUM 2. HIGH MAINTAINABLE EQUIPMENT P.A.O. - EXTEND MIN 2' BEYOND UNIT.
15. INDOOR IN-DUCT COOLING COIL. APPROPRIATELY SIZED FOR CONDENSING UNIT AND FURNACE.
16. PROVIDE CONDENSATE NEUTRALIZATION KIT.
17. PROVIDE EXHAUST FAN WITH EXHAUST FLOW CURVES.
18. BOILER START-UP PROCEDURES SHALL BE COMPLETED BY MANUFACTURER APPROVED TECHNICAL. CONTRACTOR SHALL VERIFY MINIMUM RECOMMENDED CLEARANCE REQUIREMENTS.
19. CLASS 1 DIVISION 1, XP RATED CORROSION RESISTANT CONSTRUCTION.
20. DAMPER TO BE INSTALLED IN DUCT TYPE. SIZE LISTED IS OUTSIDE OF DAMPER SIZE.
21. ALUMINUM AIRPO SCREEN.
22. PROVIDE LOOKING MANUAL BALANCING DAMPER IN BRANCH DUCT (NOT AS PART OF GRILLE).
23. CORROSION RESISTANT COATING BY MANUFACTURER (H-PRO POLYESTER, PERMATECTION OR HERSETEL).
24. MANUFACTURER'S PERFORMANCE BARRIER.
25. PROVIDE MANUFACTURER'S IMAGING VERIFICATION ISOLATORS.
26. FURNISH ALUMINUM PREPARED FINISH AND FINISH AS LOUVER.
27. BOTTOM OF EXHAUST FAN TO BE 15'-7" AFF.
28. BOTTOM OF LOUVER TO BE 12'-0" AFF.
29. BOTTOM OF LOUVER TO BE 12'-0" AFF.
30. TURN ON OUTDOOR FAN 800-0-5181-1 WITH 800-0-51-1. WHEN FLAME HOOD EXHAUST IS TURNED ON OUTDOOR FAN THROUGH DAMPER AND ENERGY RECOVER UNIT SHALL INCREASE FROM 650 CFM TO 1500 CFM.

CITY OF MAYVILLE
DODGE COUNTY, WI

10010000

ENERGY RECOVERY UNITS																									
UNIT NO.	SERVICE	SUPPLY SIDE										EXHAUST SIDE						DESIGN DIMENSIONS		MANUF. MODEL	WGT	VOLTAGE	PHASE	Comments	
		WINTER					SUMMER					WINTER			SUMMER			WIDTH	LENGTH						HEIGHT
		E.T. S.P. IN IN.	D.B. W.B.	L.A.T. W.B.	E.T. S.P. IN IN.	D.B. W.B.	E.T. S.P. IN IN.	D.B. W.B.	L.A.T. W.B.	E.T. S.P. IN IN.	D.B. W.B.	E.T. S.P. IN IN.	D.B. W.B.	L.A.T. W.B.											
800-00-1	FURNACE	1,500	44 °F	32 °F	25 °F	88 °F	75 °F	83 °F	71 °F	650	0.5	88 °F	73 °F	5 °F	5 °F	65 - 0"	84 - 0"	31 - 0"	OXYGEN8 C20H18P	29 A	30	480 V	3	1,12 A, 33.	

UNIT	SERVICE	CFM OF STD. AIR	CFM OF O.A.	MCA	EXT. S.P. INTR.	GAS INTR.	GAS PRESS.	GAS INPUT PSIG	GAS OUTPUT BTU	SUPPORT	MANUF. MODEL	VOLTAGE	PHASE	Comments		
800-1	OFFICES	1125 CFM	350 CFM	8.8	0.10 in-Hg	WATER	TYPE	NAT.	2,00 PSIG	80000.00	7760.00	CONC. PAD	DARTER 095797C	120 V	1	1,2,4,11,13,14
800-2	BREKROOM	1400 CFM	200 CFM	8.8	0.10 in-Hg	GAS	NAT.	2,00 PSIG	80000.00	7760.00	CONC. PAD	DARTER 095797C	120 V	1	1,2,4,11,13,14	
800-3	LAB	1250 CFM	850 CFM	15.4	0.10 in-Hg	GAS	NAT.	2,00 PSIG	100000.00	7760.00	CONC. PAD	DARTER 095797C	120 V	1	1,2,4,11,13,14	

DIFFUSERS						
HAIR	SERVICE	NECK SIZE	DOUG CORN. SIZE	VOLUME PAPER	AIR PATTERN	HAIR, PRICE \$50
800-D-1	PLAQUE DIFFUSER	12x12	8"0	DOUG TANGOF	4-WAY	PRICE \$50 24
800-D-2	PLAQUE DIFFUSER	12x12	8"0	DOUG TANGOF	4-WAY	PRICE \$50 24
800-D-3	PLAQUE DIFFUSER	12x12	8"0	DOUG TANGOF	4-WAY	PRICE \$50 24
800-D-4	PLAQUE DIFFUSER	12x12	8"0	DOUG TANGOF	4-WAY	PRICE \$50 24
800-D-5	PLAQUE DIFFUSER	12x12	8"0	DOUG TANGOF	4-WAY	PRICE \$50 24
800-D-6	PLAQUE DIFFUSER	12x12	8"0	DOUG TANGOF	4-WAY	PRICE \$50 24
800-D-7	PLAQUE DIFFUSER	12x12	8"0	DOUG TANGOF	4-WAY	PRICE \$50 24
800-D-8	PLAQUE DIFFUSER	12x12	8"0	DOUG TANGOF	4-WAY	PRICE \$50 24
800-D-9	PLAQUE DIFFUSER	12x12	8"0	DOUG TANGOF	4-WAY	PRICE \$50 24
800-D-10	PLAQUE DIFFUSER	12x12	8"0	DOUG TANGOF	4-WAY	PRICE \$50 24
800-D-11	PLAQUE DIFFUSER	12x12	8"0	DOUG TANGOF	4-WAY	PRICE \$50 24
800-D-12	PLAQUE DIFFUSER	12x12	8"0	DOUG TANGOF	4-WAY	PRICE \$50 24
800-D-13	PLAQUE DIFFUSER	12x12	8"0	DOUG TANGOF	4-WAY	PRICE \$50 24
800-D-14	PLAQUE DIFFUSER	12x12	10"0	DOUG TANGOF	4-WAY	PRICE \$50 24
800-D-15	PLAQUE DIFFUSER	12x12	10"0	DOUG TANGOF	4-WAY	PRICE \$50 24
800-D-16	PLAQUE DIFFUSER	12x12	8"0	DOUG TANGOF	4-WAY	PRICE \$50 24
800-D-17	PLAQUE DIFFUSER	12x12	8"0	DOUG TANGOF	4-WAY	PRICE \$50 24
800-D-18	PLAQUE DIFFUSER	12x12	8"0	DOUG TANGOF	4-WAY	PRICE \$50 24
800-D-19	PLAQUE DIFFUSER	12x12	8"0	DOUG TANGOF	4-WAY	PRICE \$50 24
800-D-20	PLAQUE DIFFUSER	12x12	10"0	DOUG TANGOF	4-WAY	PRICE \$50 24
800-D-21	PLAQUE DIFFUSER	12x12	10"0	DOUG TANGOF	4-WAY	PRICE \$50 24
800-D-22	PLAQUE DIFFUSER	12x12	10"0	DOUG TANGOF	4-WAY	PRICE \$50 24
800-D-23	PLAQUE DIFFUSER	12x12	6"0	DOUG TANGOF	4-WAY	PRICE \$50 24

[illegible]

- | | | |
|---|-------------|----------|
| <h1>STANDARD DETAILS AND SCHEDULES</h1> <h2>HVAC SCHEDULES</h2> | PROJECT NO. | 00052025 |
| | SHEET | 999H602 |

PUMPS								
		PUMP			SUCTION DIFFUSER			
UNIT NO.	SERVICE	GPM	FEET OF WATER HEAD	MOTOR HP	MOTOR TYPE	INLET SIZE	OUTLET SIZE	START-UP STRAINER
BUILDING 100 UNIT 10A-1	50 GPM	30	1	ECH	1 1/2"	1 1/2"	YES	BAG SERIES ECCO/CIC
BUILDING 100 UNIT 10C-2	50 GPM	30	1	ECH	1 1/2"	1 1/2"	YES	BAG SERIES ECCO/CIC ML 65-130
						VOL/TAGE	PHASE	Comments
						208 V	1	1.

NOTE: SCHEDULED PUMP HEAD ALREADY INCLUDES FACTORS FOR GLYCOL.

RADIANT CEILING PANELS								
UNIT NO.	SERVICE	CABINET SIZE H	CABINET SIZE L	CAB. RTU CAP. WATTS	VOLTAGE	PHASE	MANUF. MODEL	
800-CD-1	OFFICES	0'-1"	2'-0"	855.20 Btu/h	250 W	120 V	1	QDAK CP
800-CD-2	OFFICES	0'-1"	2'-0"	855.20 Btu/h	250 W	120 V	1	QDAK CP

ROOM AIR CONDITIONING UNITS - INDOOR/OUTDOOR

INDOOR UNITS									
UNIT NO.	SERVICE	TYPE	CFM OF STD. AIR	COOLING CAP. (BTU)	OUTDOOR UNITS				Comments
					UNIT NO.	SERVICE	NOM. CAP. (TONS)	MIN. SEER	
609-1-1	ELECTRICAL ROOM	HEB2	53	18,000	01-1	ELECTRICAL ROOM	1.5	19	MITSUBISHI HEATING-GE-INDIA
609-1-1	ELECTRICAL ROOM	HEB2	53	18,000	01-1	ELECTRICAL ROOM	1.5	19	MITSUBISHI HEATING-GE-INDIA
609-1-1	ELECTRICAL ROOM	HEB2	53	18,000	01-1	ELECTRICAL ROOM	1.5	19	MITSUBISHI HEATING-GE-INDIA

GAS UNIT HEATERS

UNIT NO.	SERVICE	GAS INPUT BTU	GAS OUTPUT BTU	CFM OF SUPPLY AIR	MOTOR HP	DISPENSER	ELEV. ABOVE FIN. FL.	MAINF. MODEL	VOLTAGE	PHASE	Comments
500-HH-1	CHEMICAL	300000 Btu/h	264000 Btu/h	456	0.02	HORIZ.	0'-0"	REINFOR. I/OZ	120 V	1	12.3, 3.4
650-HH-1	PUMP ROOM	300000 Btu/h	264000 Btu/h	456	0.02	HORIZ.	0'-0"	REINFOR. I/OZ	120 V	1	12.3, 3.4
800-HH-1	PUMP ROOM	325000 Btu/h	189500 Btu/h	2,882	0.25	HORIZ.	0'-0"	REINFOR. I/OZ	120 V	1	12.3, 3.4
800-HH-2	GARAGE ROOM	225000 Btu/h	189500 Btu/h	2,882	0.25	HORIZ.	0'-0"	REINFOR. I/OZ	120 V	1	12.3, 3.4

ELECTRIC UNIT HEATERS

UNIT NO.	SERVICE	TYPE	CAP. CFM OF MOTOR	HPM	SPEED	DIFFUSER	ELEV. ABOVE FTY. LVL.	MANUF.	CAP. KW	VOLTAGE	PHASE	Comments
800-1H3	ROB. ROOM	HORIZ.	350	0.01	1560	HORIZ.	0'-0"	QUARK NHH	1.3V	480 V	3	1,2,3,4
800-1H4	ROB. ROOM	HORIZ.	350	0.01	1560	HORIZ.	0'-0"	QUARK NHH	1.3V	480 V	3	1,2,3,4
800-1H5	ELECTRICAL ROOM	HORIZ.	350	0.01	1560	HORIZ.	0'-0"	QUARK NHH	1.3V	480 V	3	1,2,3,4
800-1H6	MEZANINE	HORIZ.	350	0.01	1560	HORIZ.	0'-0"	QUARK NHH	3W	480 V	3	1,2,3,4
800-1H6	WORKROOM	HORIZ.	350	0.01	1560	HORIZ.	0'-0"	QUARK NHH	5W	208 V	3	1,2,3,4

WEATHERPROOF HOODS

			CEN OF STD. AIR	THROAT DIMENSIONS WIDTH	MIN. HOOD FREE AREA (% OF THROAT AREA)	MIN. OPENING HEIGHT ABOVE ROOF	SUPPORT	MANUF. MODEL	Comments
650-WPH-1	SERVICE PUMP ROOM	EXHAUST	4250 CPM	2 - 6"	200%	3' - 0"	ROOF CLIMB	GREENHECK WPH-XD30	-

WEATHERPROOF LOUVERS

UNIT NO.	SERVICE	WDM. (M)	NOH. HEIGHT (M)	CFM	MAX.FREE VELOCITY	MANUF.	Comments
100-1-1	SUPPLY AIR	36"	52"	4250	1000 FPM	GREENHECK EDJ001	1.6,2.3,2.8
100-1-2	SUPPLY AIR	48"	72"	8000	1000 FPM	GREENHECK EDJ001	1.6,2.3,2.8
100-1-3	SUPPLY AIR	48"	16"	5200	1000 FPM	GREENHECK EDJ001	1.6,2.3,2.8
100-1-4	SUPPLY AIR	32"	46"	50 CFM	1000 FPM	GREENHECK EDJ001	1.6,2.3,2.8
300-1-1	SUPPLY AIR	24"	16"	1100	1000 FPM	GREENHECK EDJ001	1.6,2.3,2.8
600-1-1	SUPPLY AIR	56"	46"	4250	1000 FPM	GREENHECK EDJ001	1.6,2.3,2.8
800-1-1	EXHAUST AIR	72"	46"	7000	1000 FPM	GREENHECK EDJ001	1.6,2.3,2.8
800-1-2	SUPPLY AIR	48"	66"	7000	1000 FPM	GREENHECK EDJ001	1.6,2.3,2.8
800-1-3	OUTDOOR	46"	24"	1500	1000 FPM	GREENHECK EDJ001	1.6,2.3,2.8,3.1
800-1-4	EXHAUST AIR	14"	14"	650	1000 FPM	GREENHECK EDJ001	1.6,2.3,2.8,3.2

WASTEWATER TREATMENT FACILITY UPGRADE

STANDARD DETAILS AND SCHEDULES

HVAC SCHEDULES

1. SEE PROJECT MANUAL HVAC SPECIFICATION FOR SEQUENCE OF OPERATION.
2. MAINTAIN MANUFACTURER REQUIRED CLEARANCES PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
3. DISCONNECT BY UNIT/MANUFACTURER.
4. FURNISH DISCONNECT, INSTALLATION BY ELECTRICAL.
5. MAINTAIN EXTERIOR UNIT TO MAINTAIN CLEARANCES REQUIRED BY MANUFACTURER.
6. HVAC COATING, COLOR TO BE SELECTED BY ARCHITECT.
7. PROVIDE CORROSION RESISTANT CONSTRUCTION.
8. UNIT MATCH EXTERIOR FINISH, INSTALL COLOR FINISHING BY ROOFING CONTRACTOR.
9. MAINTAIN EXISTING OPENING, CONTRACTOR TO FIELD VERIFY OPENING SIZE AND ADJUST SCHEDULED LOUVER SIZE TO FIT WITH EXISTING OPENING WITHOUT MODIFICATIONS.
10. SCAUD CONNECTION, SEE DIVISION 28.
11. BALANCE DUCTWORK, RALLIES, AND OFFTISERS w/o EXHAUST FAN RUNNING AND BALANCE DUCTWORK AIR W/ EXHAUST FAN RUNNING.
12. SCAUD CONNECTION, SEE DIVISION 28.
13. MEAN FILER CANINE, INSTALL AT UNIT RETURN CONNECTION.
14. EQUIPMENT, MINIMUM 2" HIGH MANUFACTURER EQUIPMENT TAG - EXTEND MIN 2" BEYOND EQUIPMENT.
15. INDOOR AIR DUCT COOLING COIL, APPROPRIATELY SIZED FOR CONDENSING UNIT AND FURNACE.
16. PROVIDE CORROSION RESISTANT DUCTWORK KIT.
17. VENT THROUGH ROOF PER MFR RECOMMENDATIONS.
18. BOLT/LE START-UP PROCEDURES SHALL BE COMPLETED BY MANUFACTURER APPROVED TECHNICAL CONTRACTOR SHALL VERIFY MINIMUM RECOMMENDED CLEARANCE REQUIREMENTS.
19. PROVIDE MANUFACTURER'S 1" XP RATED CORROSION RESISTANT CONSTRUCTION.
20. DAMPER TO BE INSTALLED IN DUCT TYPE, SIZE LISTED IS OUTSIDE OF DAMPER SIZE.
21. ALUMINUM BIRD SCREEN.
22. ALUMINUM INSECT SCREEN.
23. BALANCING DAMPER IN BRANCH DUCT (NOT AS PART OF GRILLE ASSEMBLY, 1 WHEN SHOWN ON PLAN OR NOT CORROSION RESISTANT COATING BY MANUFACTURER (HIPPO POLYESTER, PERMAFLECTOR OR HERSELT).
24. MAINTAIN PERFORMANCE RATING.
25. PROVIDE CORROSION RESISTANT CONSTRUCTION.
26. EXTENDED SILL, WITH END DAMS, SAME CONSTRUCTION AND FINISH AS LOUVER.
27. FURNISH ALUMINUM PREFINISHED CURB.
28. BOTTOM OF EXHAUST FAN TO BE 12" AFF.
29. BOTTOM OF LOUVER TO BE 12-10" AFF.
30. INTERLOCK 800-D-1, 800-D-2 AND 800-EGU-1 WITH 800-EF-1, WHEN FUME HOOD EXHAUST IS TURNED ON OUTDOOR AIR THROUGH DAMPER AND ENERGY RECOVER UNIT SHALL INCREASE FLOW 650 CFM TO 1500 CFM.

SCHEDULE REMARKS

COR 026 - Response to Owner Request STR 800 Garage Striping Credit



PCI #COR0026

C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935
Phone: 1 920 924.2900

Project: 240224 - Mayville WWTF 2024 Upgrade
400 Kekoskee Street
Mayville, WI 53050

Potential Change Item #COR0026

Str. 800 Garage Striping

To:	City Of Mayville 15 S School Street Mayville, WI 53050	From:	C.D. Smith Construction, Inc. 125 Camelot Drive Fond du Lac WI, 54935
Status:	Pricing-No Forecast	Created Date	2026-05-08
Schedule Impact:		OCO Number:	

POTENTIAL CHANGE ITEM SCOPE DESCRIPTION: *(The Contract Is Changed As Follows)*

Remove Str. 800 Garage Striping per Owner's Request

ATTACHMENTS:

Description	Cost Code	Category	Quantity	W/M	Rate	Final Amount
Garage Striping	037500	M		LS	\$	\$-700.00
Subcontractor Markup:						\$-35.00
Grand Total:						\$-735.00

City Of Mayville
15 S School Street
Mayville, WI 53050

SIGNATURE

C.D. Smith Construction, Inc.
125 Camelot Drive
Fond du Lac WI, 54935

5/14/26

Karley Krupp

Digitally signed by Karley Krupp
Date: 2026.05.08 11:44:02-0500

SIGNATURE

DATE

201

RESOLUTION 6077-2026

ACTION ON 2026-2027 LIQUOR AND FERMENTED MALT BEVERAGE LICENSES – NEW CHINA OF MAYVILLE LLC AND FAMILY DOLLAR STORES OF WISCONSIN, LLC

WHEREAS, on June 22, 2026, the Public Safety Commission did meet to consider the Class “B” Fermented Malt Beverage license application for New China of Mayville, LLC, located at 101 S Main Street, appointed agent: Wai Kwan; and

WHEREAS, on June 22, 2026, the Public Safety Commission did meet to consider the Class “B” Fermented Malt Beverage and “Class B” Intoxicating Liquor license applications for Family Dollar Stores of Wisconsin, LLC, DBA Family Dollar #30511, located at 1091 Horicon Street, appointed agent: Joshua Nighbor; and

WHEREAS, said renewals will be for the period of the passing of this resolution, through June 30, 2027; and

WHEREAS, approval will be contingent upon all application fees, delinquent taxes, and financial claims owed to the City are paid in full and each property must pass an inspection by the Mayville Police Department, as well as any conditions mandated by the Common Council; and

NOW, THEREFORE, BE IT RESOLVED that the Common Council of the City of Mayville does hereby approve the licenses for the establishments, as enumerated, from the date of passage of this resolution through June 30, 2027.

Introduced by: _____ Seconded by: _____

Vote: ____ Ayes ____ Nays Passed and approved: _____

Rob Boelk - Mayor

Attest:

Anastasia Gonstead – Clerk/Executive Assistant

RESOLUTION 6078-2026

ACTION ON 2026-2027 TOBACCO, VAPE, AND CIGARETTE RETAIL LICENSE – FAMILY DOLLAR STORES OF WISCONSIN, LLC

WHEREAS, on June 22, 2026, the Public Safety Commission did meet and recommend approval of the Tobacco, Vape, and Cigarette Retail License application for Family Dollar Stores of Wisconsin, LLC, DBA Family Dollar #30511, located at 1091 Horicon Street, appointed agent: Joshua Nighbor; and

WHEREAS, said renewals will be for the period of the passage of this resolution through June 30, 2027; and

WHEREAS, approval will be contingent upon all application fees, delinquent taxes, and financial claims owed to the City are paid in full and each property must pass an inspection by the Mayville Police Department, as well as any conditions mandated by the Common Council; and

NOW, THEREFORE, BE IT RESOLVED that the Common Council of the City of Mayville does hereby approve the Tobacco, Vape, and Cigarette Retail Licenses for the establishment, as enumerated above, from the date of the passage of this resolution through June 30, 2027.

Introduced by: _____ Seconded by: _____

Vote: ____ Ayes ____ Nays Passed and approved: _____

Rob Boelk - Mayor

Attest:

Anastasia Gonstead – Clerk/Executive Assistant

RESOLUTION 6079-2026

APPOINTMENT TO POLICE & FIRE & EMS COMMISSIONS

WHEREAS, in accordance with Municipal Code 22-5 A, the Mayor shall appoint, subject to confirmation of the Common Council; and

WHEREAS, Melanie Siegel has resigned from the Police & Fire & EMS Commissions; and

WHEREAS, Melanie Siegel was serving an appointment with expires April 30, 2027; and

THEREFORE, the Mayor hereby appoints Brian Wehrle to serve on the Police & Fire & EMS Commissions, with a term expiring April 20, 2027.

NOW, THEREFORE, BE IT RESOLVED, that the Common Council of the City of Mayville, Dodge County, Wisconsin, does hereby approve the aforementioned Mayoral appointment to the Police & Fire & EMS Commissions.

Introduced by: _____

Seconded by: _____

Vote: ____ Ayes ____ Nays

Passed and approved: _____

Attest:

Rob Boelk - Mayor

Anastasia Gonstead - Clerk/Executive Assistant

RESOLUTION 6080-2026

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF MAYVILLE AUTHORIZING THE SUBMISSION OF A GRANT APPLICATION TO THE WISCONSIN ECONOMIC DEVELOPMENT CORPORATION OPPORTUNITY ATTRACTION FUND

WHEREAS, the City of Mayville recognizes the importance of investing in public spaces and redevelopment projects that strengthen the community, enhance quality of life, support economic growth, and attract residents, businesses, employees, and visitors; and

WHEREAS, the City of Mayville acquired the property located at 102-108 S. Main Street, Tax Parcel No. 251-1216-2314-093, for the purpose of removing blighted structures and redeveloping the site into a vibrant public gathering space that complements the City's downtown business district; and

WHEREAS, the proposed redevelopment will create a welcoming community asset that supports downtown revitalization, encourages private investment, enhances community livability, and contributes to the long-term economic vitality of the City of Mayville; and

WHEREAS, the Wisconsin Economic Development Corporation (WEDC) has established the Opportunity Attraction Fund to support projects that strengthen Wisconsin communities by creating attractive places to live, work, and invest through strategic public infrastructure and placemaking investments; and

WHEREAS, the City of Mayville Common Council has reviewed the proposed project and finds that the redevelopment of the property at 102-108 S. Main Street is in the best interests of the City and its residents and will provide significant economic and community benefits; and

WHEREAS, the City of Mayville is committed to providing the local financial participation and other resources necessary to complete the project in accordance with the requirements of the WEDC Opportunity Attraction Fund.

NOW, THEREFORE, BE IT RESOLVED by the Common Council of the City of Mayville, Dodge County, Wisconsin, as follows:

- Section 1. The Common Council hereby authorizes the submission of a grant application to the Wisconsin Economic Development Corporation Opportunity Attraction Fund to assist in funding the demolition of the existing buildings located at 102-108 S. Main Street and the redevelopment of the property into a community park and public gathering space.
- Section 2. The Common Council authorizes the Mayor, Clerk/Executive Assistant, or their designee to prepare, execute, and submit all grant application materials, certifications,

agreements, and any other documents necessary to apply for and administer the grant, should funding be awarded.

- Section 3. The City of Mayville agrees to comply with all applicable federal, state, and local laws, regulations, and grant requirements associated with the Opportunity Attraction Fund.
- Section 4. This Resolution shall take effect immediately upon its adoption.

Introduced by: _____

Seconded by: _____

Vote: ____ Ayes ____ Nays

Passed and approved: _____

Rob Boelk - Mayor

Attest:

Anastasia Gonstead - Clerk/Executive Assistant

OPPORTUNITY ATTRACTION FUND

FLEXIBLE FUNDING TO DRAW OPPORTUNITIES TO WISCONSIN

Attracting major events and programs to Wisconsin can help raise awareness of the state's attributes as a prime destination for travel, business, and living—but attracting these events and programs can be a competitive endeavor among states. In some cases, these opportunities require an investment of funds that will lead to a multiplier effect, as the multiplier program generates economic impact over and above the amount of the up-front investment. In 2023, the state Legislature passed Wisconsin Act 169 directing the Wisconsin Economic Development Corporation (WEDC) to create and administer a fund for this purpose.

How it works

With initial funding of \$5 million, the **Opportunity Attraction Fund** will allow Wisconsin to bid against other states or jurisdictions outside Wisconsin to attract opportunities or events that will draw national exposure and drive economic development and visitors to Wisconsin. The program rules also allow for using dollars from the fund to host opportunities and events that are awarded to Wisconsin through this competitive bidding process. Grant sizes will vary based on the project, with a maximum of \$100,000 available for bid-related expenses and up to \$5 million for hosting expenses. Applicants are required to match the grant amount with non-WEDC funds.

Eligibility criteria

Eligible applications for this program include:

- Cities, villages, towns, or counties in Wisconsin
- American Indian Tribes or bands within the state
- Area visitor and convention bureaus
- Business improvement districts
- Private entities

Successful applications will involve events with the potential to drive economic impact, increase tourism, and elevate Wisconsin's profile on a national level.

LEARN MORE

For more information about the Opportunity Attraction Fund, please contact:

Sarah Duchemin

Vice President, Marketing and Brand Strategy, WEDC
Email: sarah.duchemin@wedc.org
Tel: 608.210.6794



Opportunity Attraction Fund Program

Program Guidelines for Fiscal Year 2026	
Lead Division: Marketing and Brand Strategy	
☐ New	☒ Revised 7/1/2025
☒ Grant	☐ Loan ☐ Tax Credit ☐ Technical Assistance

Introduction

Background Information: The Opportunity Attraction Fund was established by 2023 Wisconsin Act 169, to create a grant program designed to attract high-impact events and opportunities to the state. Recognizing the economic potential of hosting major conventions, sporting events, and cultural programs, the Wisconsin Legislature authorized an annual \$5 million allocation to help communities and organizations bid for and secure events that elevate Wisconsin's national profile. The fund was created in response to increasing competition from other states and aims to position Wisconsin as a premier destination for tourism, business, and talent attraction.

Program's Purpose: The purpose of the Opportunity Attraction Fund Program is to attract major opportunities and events to the State of Wisconsin, to improve perception and increase awareness of Wisconsin as a place to travel and live. The Program provides funds for eligible entities to attract to Wisconsin, or host in Wisconsin, opportunities and events that are secured through competitive bidding against other states or jurisdictions outside of Wisconsin. Events or major opportunities secured through this program should drive economic impact within Wisconsin. Additional benefits may include increased travel and tourism activity within the state, as well as out-of-state talent attraction.

Eligibility Requirements

Eligible Applicants: Opportunity Attraction Fund applicants may be:

- A city, village, town, or county.
- An American Indian tribe or band in this state.
- An area visitor and convention bureau.
- A business improvement district.
- A private entity.¹

Eligible Use of Funds: Applicants may use Opportunity Attraction grant funds on a project as specified in the application to attract to Wisconsin, or host in Wisconsin, or both, a major opportunity event that is open to the public, whether or not free of charge². Specifically, grant funds may be used to undertake a project to do one or more of the following:

¹ Wis. Stat. § 238.143(1)

² Wis. Stat. § 238.143(3)(b)

1. Bid: Bid against other states or jurisdictions outside of Wisconsin to attract an opportunity or event that will draw national exposure and drive economic development and visitors to Wisconsin.³
2. Such costs may include, among others, documented out-of-pocket expenses for materials and travel to present the bid, or the use of staff time or outside consultants to prepare a bid, or the bid fee itself.
3. Host: Host an opportunity or event that will attract national exposure and drive economic development and visitors to Wisconsin that the applicant has secured through a competitive bid against other states or jurisdictions outside of Wisconsin.⁴

Such costs may include, among others, sponsorship or other fees required for hosting the event in Wisconsin, costs related to event space and logistic expenses, lodging, catering, and capital investment for infrastructure related to the event, as well as expenses related to marketing the event.

Matching: A 1:1 cash match from non-state sources is required. In-kind contributions are not eligible.⁵

Available Incentives

FY26: \$3,067,898

Award sizes:

1. Bid: The maximum grant amount to a bid for an event or opportunity is \$2,000,000.
2. Host: The maximum grants for expenses related to hosting an event or opportunity is \$3,067,898

Activities and Expected Outcomes

Assist 4 communities and achieve a leverage of 1:1 of other investment.

Impact: Direct and indirect economic impact through increased out-of-state visitor attraction to Wisconsin, national exposure via earned media, tourism and related spending by visitors, event-related spending, and possible capital investment related to an event.

Metrics: As an event attraction program, performance reporting metrics for OAF are focused on measuring bid completion or event preparation and hosting. OAF program metrics include the following list, and each project will include one or more of these metrics in its reporting requirements depending on the project's specified use of funds.

³ Wis. Stat. § 238.143(3)(b)1

⁴ Wis. Stat. § 238.143(3)(b)2

⁵ Wis. Stat. § 238.143(4)

1. Bid
 - Plans Completed
 - Performance Milestone
 - Leverage – Total
2. Host
 - Capital Investment
 - Individuals Served/Engaged
 - Marketing Impressions
 - Leverage – Total

Application Guideline

Timeline: The Opportunity Attraction Fund program has a continuous application process.

Review Considerations: Applicants must include a detailed cost-benefit analysis demonstrating the projected direct and indirect economic benefits to Wisconsin. This analysis should include assumptions, methodology, and justification for projections, along with any third-party data or models used.⁶ In addition, all applicants will be expected to provide the following:

- An estimate of the number of event attendees from outside the state.
- Estimates of total or out-of-state visitor spending, broken down by category, as well as the basis for those estimates.
- A breakdown of planned capital expenditures, including construction and equipment, that will be made to host the event.

WEDC may consult with the Wisconsin Department of Tourism⁷ prior to making an award under this program and may take the following into account when evaluating applicants:

1. Bid
 - Whether or not the event or opportunity is appropriate and desirable for support by the State of Wisconsin.
 - Whether or not the applicant has demonstrated sufficient direct and indirect impact to justify WEDC's investment.
 - Whether or not the applicant's expected out-of-pocket costs for preparing and submitting its bid are reasonable.
 - Whether or not the bid fee is reasonable.
 - Whether or not the applicant is based in Wisconsin.
2. Host
 - Whether or not the event or opportunity is appropriate and desirable for support by the State of Wisconsin.
 - Whether or not the applicant has demonstrated sufficient direct and indirect impact to justify WEDC's investment.
 - Whether or not the applicant is based in Wisconsin.

⁶ Wis. Stat. § 238.143(3)(a)

⁷ Wis. Stat. § 238.143(5)



- The extent to which Wisconsin vendors will be used in supporting the event or opportunity.

How to Apply: An interested applicant should contact a WEDC Account Manager to determine if their project is right for the program. Upon review of the project, and alignment with eligibility criteria, an applicant will be invited to submit their application through Network Wisconsin.

Award Process: The completed application will be assigned to a WEDC underwriter and go through WEDC's awards administration process.

Performance Reporting: Recipients must periodically submit a performance report documenting specific project activities and any other contract deliverables.

WEDC annually selects awards on a sample basis for an audit. All backup to the performance report and financial records are required to be maintained by the Recipient for a period of at least three (3) years after the last performance report is due.

WEDC may impose additional reporting requirements to evaluate project performance and to ensure compliance with contract deliverables.

Opportunity grants are not subject to Wis. Stat. § 238.03(3)(a).⁸

Helpful Information

Definitions:

"Direct economic benefits" – economic benefits from the event itself, including spending by the event host and organizer.

"Indirect economic Benefits" – economic benefits from attendees of the event, including spending on categories like food and beverages, lodging, transportation, retail, and recreation and entertainment.

Revision History

Program Inception – Fiscal Year 2025

- 7/1/2025: Removes criteria that are more restrictive than statute requires; increases bid fee limit to 2 million; removes in-kind match

⁸ Wis. Stat. § 238.143(3)(c)



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PROPERTY REZONE HEARING – PUBLIC NOTICE
CITY OF MAYVILLE

The City of Mayville Common Council will meet on July 13, 2026, at 6:00PM, at Mayville City Hall, 15 S. School Street, Mayville, Wisconsin, to consider the request of Mayville EMS, requesting a change in zoning from P-C Parks Conservation to I-1 Institutional, for the newly created parcel, the lower section of Parcel No. 251-1216-2213-040.

Any persons wishing to be heard are invited to attend.

Mayor Rob Boelk



Published July 3, 2026, and July 9, 2026

Posted June 25, 2026

ORDINANCE 1142-2024

TO REZONE PARCEL 251-1216-2313-103 IN THE CITY OF MAYVILLE AND TO AMEND THE ZONING MAP OF THE CITY OF MAYVILLE PURSUANT TO SECTION §430-32 OF THE MUNICIPAL CODE

WHEREAS, the Common Council for the City of Mayville adopted zoning regulations for the City of Mayville and has amended such regulations from time to time; and

WHEREAS, the zoning regulations are codified as Chapter 430 of the City of Mayville municipal code, which is titled “Zoning”; and

WHEREAS, the City of Mayville does hereby propose to amend the zoning classification of Tax Parcel 251-1216-2313-106; and

WHEREAS, the proposed rezoning has been submitted to the City of Mayville Plan Commission for report and recommendation; and

WHEREAS, the City of Mayville Plan Commission considered that matter at its meeting on October 14, 2024, and recommended approval; and

WHEREAS, the Plan Commission conducted a public hearing on October 14, 2024; and

WHEREAS, the Plan Commission has recommended to the Common Council that a permanent rezoning classification of I-1 Institutional be made; and of the recommendation of the Plan Commission, having determined that all procedural requirements and notice requirements have been satisfied, having given the matter due consideration, and having based its determination of the effect of granting of said zoning on the health, safety, and welfare for the community, and the immediate neighborhood in which said use will be located, and having given due consideration to the municipal problems involved, as well as the impact on the surrounding properties, has hereby determined that the zoning classification will not violate the spirit or intent of the zoning ordinance for the City of Mayville, will not be hazardous, harmful, noxious, offensive, or a nuisance by reason of noise, dust, smoke, odor, or other similar factors, and will not for any other reason cause a substantial adverse effect on the property values and general desirability of the neighborhood as long as the development is conducted pursuant to the following conditions and is in strict compliance with the same.

NOW, THEREFORE, BE FUTHER RESOLVED, the City of Mayville Common Council ordains as follows:

SECTION 1. To amend the zoning designation of the subject property, as described above, and depicted as Parcel 251-1216-2313-103, on Exhibit A, attached hereto, from RM Multifamily and B-2 Outlying Business to I-1 Institutional, and to amend the zoning map of the City of Mayville to incorporate the zoning of the subject property.

SECTION 2. This ordinance shall be in full force and effect from and after its passage and publication, as provided by law.

Introduced: _____

Seconded by: _____

Vote: _____ aye _____ nay

Passed and approved: _____

Rob Boelk - Mayor

Attest:

Anastasia Gonstead - City Clerk