

Board of Education Regular Meeting
Monday, November 11, 2024 6:00 PM
Boardroom at Central Office
1700 14th Ave
Nebraska City, NE 68410

1. Call to Order
 - 1.1. Roll Call
 - 1.2. Pledge of Allegiance
 - 1.3. Requests from Board Members to be Absent from this meeting
 - 1.4. Welcome to Visitors and Public
 - 1.5. Approval of Agenda
 - 1.6. Public Comment Time
 - 1.7. Approval of Minutes
 - 1.8. Claims and Accounts
 - 1.9. Financial Report
2. Reports
 - 2.1. Principal's Reports – “What's Happening With The PIONEERS!
 - 2.2. Committee Reports
 - 2.2.1. Education, Americanism and Civics
 - 2.2.2. Buildings and Grounds
 - 2.2.3. Finance
 - 2.2.4. Policy
 - 2.3. Superintendent's Report
3. Business
 - 3.1. Non-Action Items
 - 3.1.1. Policy Reviews
 - 3.1.1.1. Policy Cycle Review
 - 3.1.1.2. Annual Review of Policy 4070 and 4070.R1, Early Voluntary Separation Agreement
 - 3.1.2. Superintendent Evaluation
 - 3.1.3. Use of High School Spaces
 - 3.2. Action Items
 - 3.2.1. Policy 3024-External Booster Clubs and Parent-Teacher Organizations
 - 3.2.2. Hayward Door Project
 - 3.2.3. High School Old Gym Air Handlers
 - 3.2.4. Scoreboards - Old Gym
 - 3.2.5. Disposal of High School Old Gym Scoreboards
 - 3.2.6. Executive Session
4. Adjournment

PUBLIC PARTICIPATION

INSTRUCTIONS FOR MEMBERS OF THE PUBLIC WHO WISH TO SPEAK:
This is the portion of the meeting when members of the public may speak to the board about matters of public concern.

- **Getting Started:** When you have been recognized, please stand and state your name.
- **Time Limit:** The board will generally allow a total of 30 minutes for the presentation of all public comments. Individuals may speak only one time, and must limit comments to around 5 minutes. If there are more than 6 individuals who wish to address the board, the 30 minutes will be divided equally between the number of speakers. These time limits may be changed by a majority vote of the board members in attendance to extend the time for a specific item or speaker.
- **Personnel or Student Topic:** If you are planning to speak about a personnel or a student matter involving an individual, please understand that the district has a complaint policy and/or procedures to resolve such complaints and concerns. The Board requests that you follow the policy and procedures before addressing these matters with the Board. Board members will generally not respond to any questions you ask or comments about individual staff members or students.
- **General Rules:** This is a public meeting for the conduct of business. Comments from the audience while others are speaking will not be tolerated. Lewd, obscene, profane, slanderous, threatening and hostile conduct or statements and fighting words (words whose mere utterance entails a call to violence) will not be tolerated.
- **No Action by the Board:** The board will not act on any matter unless it is on the published agenda.

Public Participation at Board Meetings Form
Nebraska City Public Schools Board of Education

PUBLIC COMMENTS

The purpose of “Public Participation” is for the Board of Education to hear comments from the public. Since comments are not on the published agenda the Board will not discuss and/or answer questions during “Public Comments.”

The board will generally allow a total of 30 minutes for the presentation of all public comments. Individuals may only speak one time per topic and must limit comments to around five (5) minutes. In the event more than six individuals wish to address the board, the 30 minutes will be divided equally between the number of speakers. At the discretion of the Board President or Chair, speakers may be allotted additional time.

PLEASE PRINT

Name _____ Date _____

Address _____

City _____ State _____ Zip Code _____

Subject of Public Comment: _____

UNAPPROVED MINUTES
Board of Education Work Session
Education Committee on American Civics Meeting
Monday, October 14, 2024 at 5:30 PM
Boardroom at Central Office
1700 14th Avenue
Nebraska City, NE 68410

The News Press and B103 were notified.

Notice was published in the Nebraska City News Press on Friday, October 4, 2024 and on the Nebraska City Public Schools website on Tuesday, September 10, 2024 stating the time and place of the meeting and stating that the known subjects on the agenda were on file and available for public inspection at the District Central Office, 1700 14th Avenue, Nebraska City, Nebraska. Copies of the postings from Friday, October 4, 2024 and Tuesday, September 10, 2024 are attached to these minutes.

This meeting is subject to the Open Meetings Law and Availability of the Agenda pursuant to Nebr. Rev. Stat. Chapter 84, Article 1412(8). A current copy of the Open Meeting Act is posted in the meeting room and the agenda is available.

1. Call to Order

Board President Jim Nemeč called the meeting to order at 5:30 PM.

1.1 Roll Call

Kent Blum: Present
Lisa Chaney: Present
Don Loseke: Present
Jeff Frields: Absent
Stacie Higgins: Present
Jim Nemeč: Present
Nick Schmitz: Present
Rob Elson: Present
Brent Shanholtz: Present
Present: 8, Absent: 1

2. Public Comment Time

No one addressed the board during Public Comment Time.

3. Review Checklist

Kate Sherwin reviewed the checklist with the Board and Superintendent Fritch followed by discussion. Included in her presentation were examples of classroom lessons and student work across all grade levels as it pertains to the items on the checklist for American Civics.

4. Adjournment

Order #17221-Motion Passed: Motion to adjourn at 5:57 PM passed with a motion by Kent Blum and seconded by Don Loseke. No discussion.

Kent Blum: Yea
Lisa Chaney: Yea
Don Loseke: Yea
Jeff Frields: Absent
Stacie Higgins: Yea
Brent Shanholtz: Yea
Jim Nemeč: Yea
Nick Schmitz: Yea
Rob Elson: Yea

Yea: 8, Nay: 0, Absent: 1

Submitted by Mark Fritch, Secretary

UNAPPROVED MINUTES
Board of Education Regular Meeting
Monday, October 14, 2024
Boardroom at Central Office
1700 14th Avenue
Nebraska City, NE 68410

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1. Call to Order

Board President, Jim Nemeec, called the meeting to order at 6:00 PM.

1.1. Roll Call

Kent Blum: Present
Lisa Chaney: Present
Don Loseke: Present
Jeff Frields: Absent
Stacie Higgins: Present
Jim Nemeec: Present
Nick Schmitz: Present
Brent Shanholtz: Present
Rob Elson: Present
Present: 8, Absent: 1

1.2. Pledge of Allegiance

1.3. Requests from Board Members to be Absent from this Meeting

Order #17222-Motion Passed: Motion to approve the request to be absent from this meeting on October 14, 2024 from Jeff Frields passed with a motion by Jim Nemeec and a second by Don Loseke. No discussion.

Kent Blum: Yea
Lisa Chaney: Yea
Don Loseke: Yea
Jeff Frields: Absent
Stacie Higgins: Yea
Jim Nemeec: Yea
Nick Schmitz: Yea
Brent Shanholtz: Yea
Rob Elson: Yea
Yea 8, Nay: 0, Absent: 1

1.4. Welcome to Visitors and Public

President Nemeec welcomed the visitors and public to the meeting.

1.5. Approval of Agenda

Order #17223-Motion Passed: Motion to approve the agenda for this meeting on October 14, 2024 passed with a motion by Stacie Higgins and a second by Lisa Chaney. No discussion.

Kent Blum: Yea
Lisa Chaney: Yea
Don Loseke: Yea
Jeff Frields: Absent
Stacie Higgins: Yea
Jim Nemeec: Yea

Nick Schmitz: Yea
Brent Shanholtz: Yea
Rob Elson: Yea
Yea 8, Nay: 0, Absent: 1

1.6. Public Comment Time

No one addressed the Board during Public Comment Time.

1.7. Approval of Minutes

Order #17224-Motion Passed: Motion to approve the minutes from the Tax Request Hearing and Special Meeting on September 23, 2024 passed with a motion by Stacie Higgins and a second by Kent Blum. No discussion.

Kent Blum: Yea
Lisa Chaney: Yea
Don Loseke: Yea
Jeff Frields: Absent
Stacie Higgins: Yea
Jim Nemecc: Yea
Nick Schmitz: Yea
Brent Shanholtz: Yea
Rob Elson: Yea
Yea 8, Nay: 0, Absent: 1

1.8. Claims and Accounts

Order #17225-Motion Passed: Motion to approve the claims and accounts as presented passed with a motion by Kent Blum and a second by Stacie Higgins. Kent Blum reviewed the bills and found everything to be in order. He mentioned several bills that were for two months of service as well as the payment of the loan for the Central Office/IMPACT Building and larger annual payments for the new school year.

General Fund: \$577,652.00; **Payroll Fund:** \$1,264,083.96; **Depreciation Fund:** \$142,670.00; **Payroll Benefits Fund:** \$220,917.66;
School Nutrition Fund: \$68,780.24; **Building Fund:** \$405,706.09

Kent Blum: Yea
Lisa Chaney: Yea
Don Loseke: Yea
Jeff Frields: Absent
Stacie Higgins: Yea
Jim Nemecc: Yea
Nick Schmitz: Yea
Brent Shanholtz: Yea
Rob Elson: Yea
Yea 8, Nay: 0, Absent: 1

1.9. Financial Report

Order #17226-Motion Passed: Motion to approve the financial report as presented passed with a motion by Jim Nemecc and a second by Kent Blum. The current balance in the treasury being \$2,995,267.15. Mr. Nemecc gave a review of the monthly financials and funds and projected how they will reflect the new approved budget and tax request. We still have outstanding grant reimbursements from the state due from last year that are still expected to come in.

Kent Blum: Yea
Lisa Chaney: Yea
Don Loseke: Yea
Jeff Frields: Absent
Stacie Higgins: Yea
Jim Nemecc: Yea
Nick Schmitz: Yea
Brent Shanholtz: Yea
Rob Elson: Yea
Yea 8, Nay: 0, Absent: 1

2.0. Reports

2.1. Principal's Reports- "What's Happening with the Pioneers!"

2.2. Committee Reports

2.2.1. Education, Americanism and Civics Committee

Lisa Chaney gave the report of the committee highlighting the presentations from the Activity Directors and Assistant Principals Matt Thompson and Dave Purdham as well as updates regarding the Inservice/PD Day, Parent Teacher Conferences and the work on the district report card.

2.2.2. Building and Grounds Committee

Rob Elson gave the report of the committee highlighting the upcoming projects on this agenda as well as potential projects they are discussing including, new bleachers, sinks, air handling units and transportation.

2.2.3. Finance Committee

Kent Blum gave the report of the committee highlighting the information regarding staff benefits received from our Alliant representative, Ian Shada, who presented information about the EAP, short-term disability and long-term disability benefits.

2.2.4. Policy Committee

Don Loseke gave the report of the committee highlighting the report from Mr. Hippen on the work of his teams. They reviewed policies in the review cycle and also will present two updates to policy attachments on this agenda.

2.3. Superintendent Report

Mr. Fritch shared information regarding staffing updates and the upcoming State Education Conference in November. He stated that the district is still looking for a Special Education Teacher and will begin advertising for a Music Teacher at Hayward. Classified positions have been filled at this time. Mr. Nemecek added that Mr. Fritch and the Board will be working on the Superintendent Evaluation process that will be on the November and December Regular Meeting agendas.

3.0. Business

3.1. Non-Action Items

3.1.1. Policy Cycle Review

The Policy Committee and Administration recommended the Board of Education review the following policies as outlined in the policy review cycle:

5020 Rights of Custodial and Non-Custodial Parents
5039 Fundraising Activities
5042 Bulletin Boards
5043 School-Sponsored Publications
5050 Reporting Related to Exempt (Home) Schools
5056 Free Expression by Students
5064 Title Supplement, Not Supplant

3.1.2. Financial Literacy Report

Kate Sherwin gave the annual Financial Literacy Status Report. This report will be added to the annual October agenda calendar.

3.1.3. BOE Negotiations Team 2025-2026

President Nemecek appointed Kent Blum, Brent Shanholtz, Rob Elson and himself to represent the Board of Education in the 2025-2026 negotiations process. The first meeting will be scheduled soon.

3.2. Action Items

3.2.1. Policy Revision

3.2.1.1. Policy 6004-Curriculum Development

Order #17227-Motion Passed: Motion to approve the revision to the Curriculum Development Timeline as presented passed with a motion by Stacie Higgins and a second by Don Loseke. Mr. Nemecek shared the small changes to the schedule.

Kent Blum: Yea
Lisa Chaney: Yea
Don Loseke: Yea

Jeff Frields: Absent
Stacie Higgins: Yea
Jim Nemecc: Yea
Nick Schmitz: Yea
Brent Shanholtz: Yea
Rob Elson: Yea
Yea 8, Nay: 0, Absent: 1

3.2.1.2. Policy 3022.R1-Volunteer Service Agreement Form

Order #17227-Motion Passed: Motion to approve the Policy 3022.R1-Volunteer Service Agreement form as presented passed with a motion by Lisa Chaney and a second by Stacie Higgins. No discussion.

Kent Blum: Yea
Lisa Chaney: Yea
Don Loseke: Yea
Jeff Frields: Absent
Stacie Higgins: Yea
Jim Nemecc: Yea
Nick Schmitz: Yea
Brent Shanholtz: Yea
Rob Elson: Yea
Yea 8, Nay: 0, Absent: 1

3.2.1. Policy Revision

3.2.2. Snow Removal Pricing

Order #17228-Motion Passed: Motion to approve the bid from Mr. L'Heureux for snow removal for the 2024-2025 school year passed with a motion by Nick Schmitz and a second by Rob Elson. Mr. Fritch shared that the district is very fortunate to have his continued service as he prioritizes the schools, is flexible and available when needed.

Kent Blum: Yea
Lisa Chaney: Yea
Don Loseke: Yea
Jeff Frields: Absent
Stacie Higgins: Yea
Jim Nemecc: Yea
Nick Schmitz: Yea
Brent Shanholtz: Yea
Rob Elson: Yea
Yea 8, Nay: 0, Absent: 1

3.2.3. HVAC Project

Order #17229-Motion Passed: Motion to approve the HVAC Projects at the High School by Facility Advocates as presented, passed with a motion by Nick Schmitz and a second by Stacie Higgins. Mr. Nemecc shared the list of locations that this project will encompass.

Kent Blum: Yea
Lisa Chaney: Yea
Don Loseke: Yea
Jeff Frields: Absent
Stacie Higgins: Yea
Jim Nemecc: Yea
Nick Schmitz: Yea
Brent Shanholtz: Yea
Rob Elson: Yea
Yea 8, Nay: 0, Absent: 1

3.2.4. Door Project

Order #17230-Motion Passed: Motion to approve the replacement of the exterior doors at Hayward Elementary and the Middle School as presented passed with a motion by Nick Schmitz and a second by Kent Blum. Mr. Fritch shared the list of locations that this project will encompass. He noted that these doors are used heavily and are in need of replacement. Some doors were able to be repaired.

Kent Blum: Yea
Lisa Chaney: Yea
Don Loseke: Yea
Jeff Frields: Absent
Stacie Higgins: Yea
Jim Nemecek: Yea
Nick Schmitz: Yea
Brent Shanholtz: Yea
Rob Elson: Yea
Yea 8, Nay: 0, Absent: 1

3.2.5. High School Weight Room and Equipment

Order #17231-Motion Passed: Motion to approve the purchase of the weight room equipment and accept the responsibility for the remaining balance after fundraising efforts, passed with a motion by Kent Blum and a second by Nick Schmitz. Mr. Fritch reported the district has received donations for this project to cover approximately half of the cost of the equipment.

Kent Blum: Yea
Lisa Chaney: Yea
Don Loseke: Yea
Jeff Frields: Absent
Stacie Higgins: Yea
Jim Nemecek: Yea
Nick Schmitz: Yea
Brent Shanholtz: Yea
Rob Elson: Yea
Yea 8, Nay: 0, Absent: 1

3.2.6. NASB Legislative Committee Member

Order #17232-Motion Passed: Motion to approve Gary Kubicek as the NASB Legislative Committee Member #12 ballot choice passed with a motion by Jim Nemecek and a second by Stacie Higgins. Both Jim Nemecek as Stacie Higgins know Mr. Kubicek and are confident in his abilities to serve.

Kent Blum: Yea
Lisa Chaney: Yea
Don Loseke: Yea
Jeff Frields: Absent
Stacie Higgins: Yea
Jim Nemecek: Yea
Nick Schmitz: Yea
Brent Shanholtz: Yea
Rob Elson: Yea
Yea 8, Nay: 0, Absent: 1

3.2.7. NCPS Foundation Restated and Amended Bylaws

Order #17233-Motion Passed: Motion to approve the resolution as read for the NCPS Foundation Restated and Amended Bylaws and appointment Rob Elson as the school board liaison passed with a motion by Lisa Chaney and a second by Don Loseke. No discussion.

Kent Blum: Yea
Lisa Chaney: Yea
Don Loseke: Yea
Jeff Frields: Absent
Stacie Higgins: Yea
Jim Nemecek: Yea
Nick Schmitz: Yea
Brent Shanholtz: Yea
Rob Elson: Yea
Yea 8, Nay: 0, Absent: 1

3.2.4. Personnel Resignation

Order #17234-Motion Passed: Motion to accept the resignation of Ray Girard, High School Math Teacher effective at the end of the 2024-2025 school year passed with a motion by Jim Nemecek and a second by Kent Blum. The Board recognized the service of Mr. Girard to the district and this will allow Mr. Fritch to begin the search for a math teacher next school year.

Kent Blum: Yea
Lisa Chaney: Yea
Don Loseke: Yea
Jeff Frields: Absent
Stacie Higgins: Yea
Jim Nemeec: Yea
Nick Schmitz: Yea
Brent Shanholtz: Yea
Rob Elson: Yea
Yea 8, Nay: 0, Absent: 1

4.0. Adjournment

Order #17235-Motion Passed: Motion to adjourn at 7:06 p.m. passed with a motion by Jim Nemeec and a second by Kent Blum. No discussion.

Kent Blum: Yea
Lisa Chaney: Yea
Don Loseke: Yea
Jeff Frields: Absent
Stacie Higgins: Yea
Jim Nemeec: Yea
Nick Schmitz: Yea
Brent Shanholtz: Yea
Rob Elson: Yea
Yea 8, Nay: 0, Absent: 1

Submitted by:
Mark Fritch, Secretary

DRAFT

AFFIDAVIT OF PUBLICATION

See Proof on Next Page

STATE OF NEBRASKA
SS.
COUNTY OF OTOE

I, Jennifer Spencer, of lawful age, being duly sworn upon oath, deposes and says that I am the Agent of Nebraska City News Press, a publication that is a "legal newspaper" as that phrase is defined for the city of Nebraska City, for the County of Otoe, in the state of Nebraska, that this affidavit is Page 1 of 2 with the full text of the sworn-to notice set forth on the pages that follow, and that the attachment hereto contains the correct copy of what was published in said legal newspaper in consecutive issues on the following dates:

PUBLICATION DATES:

Oct. 4, 2024

Notice ID: hsCobl67QQATH4JyXry6

Publisher ID: 2672120

Notice Name: October Work Session Notice 2024

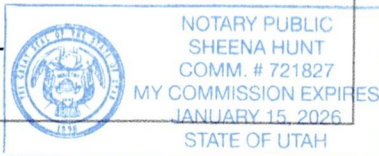
PUBLICATION FEE: \$12.86

Jennifer Spencer
Agent

Signed or attested before me on this

8 day of Oct., A.D. 2024.

Sheena Hunt
Notary Public



NOTARY PUBLIC
SHEENA HUNT
COMM. # 721827
MY COMMISSION EXPIRES
JANUARY 15, 2026
STATE OF UTAH

**NOTICE OF MEETING
OTOE COUNTY SCHOOL DIS-
TRICT 111**

IN THE STATE OF NEBRASKA
NOTICE IS HEREBY GIVEN that
the **Education Committee on
American Civics Work Session**
of the Board of Education of Otoe
County School District 111, in the
State of Nebraska, will be held at
5:30 P.M., October 14, 2024 at
Central Office, 1700 14th Avenue
Nebraska City, Nebraska, in the
Boardroom, which meeting will be
open to the public. An agenda for
such meetings, kept continuously
current, is available for public in-
spection at the office of the Super-
intendent. The agenda is not final
until 24 hours prior to the meeting.
Mark Fritch
Superintendent of Schools
Published in the Nebraska City
News Press on October 4, 2024.
2672120 ZNEZ



NOTICE OF WORK SESSION-OCTOBER 14, 2024

Carla Zaroban

September 10, 2024

NOTICE IS HEREBY GIVEN that the **Education Committee on American Civics Work Session** of the Board of Education of Otoe County School District 111, in the State of Nebraska, will be held at **5:30 P.M., October 14, 2024 at Central Office, 1700 14th Avenue**, Nebraska City, Nebraska, in the Boardroom, which meeting will be open to the public. An agenda for such meetings, kept continuously current, is available for public inspection at the office of the Superintendent. The agenda is not final until 24 hours prior to the meeting.

Mark Fritch
Superintendent of Schools

AFFIDAVIT OF PUBLICATION

See Proof on Next Page

STATE OF NEBRASKA
SS.
COUNTY OF OTOE

I, Jennifer Spencer, of lawful age, being duly sworn upon oath, deposes and says that I am the Agent of Nebraska City News Press, a publication that is a "legal newspaper" as that phrase is defined for the city of Nebraska City, for the County of Otoe, in the state of Nebraska, that this affidavit is Page 1 of 2 with the full text of the sworn-to notice set forth on the pages that follow, and that the attachment hereto contains the correct copy of what was published in said legal newspaper in consecutive issues on the following dates:

PUBLICATION DATES:

Oct. 4, 2024

Notice ID: PVqBm38Rar3V7IE8Tv1G

Publisher ID: 2654550

Notice Name: October Meeting Notice 2024

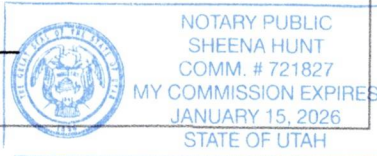
PUBLICATION FEE: \$12.86

Jennifer Spencer
Agent

Signed or attested before me on this

8 day of Oct., A.D. 2024.

Sheena Hunt
Notary Public



**NOTICE OF MEETING
OTOE COUNTY SCHOOL DIS-
TRICT 111
IN THE STATE OF NEBRASKA**

NOTICE IS HEREBY GIVEN that the **Regular Meeting** of the Board of Education of Otoe County School District 111, in the State of Nebraska, will be held at **6:00** o'clock P.M., October 14, 2024 at **Central Office, 1700 14th Avenue**, Nebraska City, Nebraska, in the Boardroom, which meeting will be open to the public. An agenda for such meetings, kept continuously current, is available for public inspection at the office of the Superintendent. The agenda is not final until 24 hours prior to the meeting.

Mark Fritch
Superintendent of Schools
Published in the Nebraska City
News Press on October 4, 2024.
2654550 ZNEZ



NOTICE OF REGULAR MEETING-OCTOBER 14, 2024

Carla Zaroban

September 10, 2024

NOTICE IS HEREBY GIVEN that the **Regular Meeting** of the Board of Education of Otoe County School District 111, in the State of Nebraska, will be held at **6:00 o'clock P.M.**, October 14, 2024 at **Central Office, 1700 14th Avenue**, Nebraska City, Nebraska, in the Boardroom, which meeting will be open to the public. An agenda for such meetings, kept continuously current, is available for public inspection at the office of the Superintendent. The agenda is not final until 24 hours prior to the meeting.

Mark Fritch
Superintendent of Schools

11/07/2024 08:17 AM

Oct-24

Vendor Name	Description	Check Total
Checking Account ID	Fund Number	09 QCPUF Fund
COMPUTERSHARE	BOND PAYMENT	11,346.90
Fund Number	09	<u>11,346.90</u>
Checking Account ID		<u>11,346.90</u>
Checking Account ID	Fund Number	01 General Fund
AMANDA KUHLENENGEL	MILEAGE	121.25
AMAZON CAPITAL SERVICES	MISC CHARGES	4,016.36
AMERICAN NATIONAL BANK	LOAN PAYMENT	2,995.50
AMERICAN RECYCLING AND SANITATION	TRASH SERVICE	2,500.19
APACE	CONTRACTED SERVICES	1,600.22
ARBOR DAY FARM	ANNUAL TREE ADV PASS	129.00
ARBOR LANES	HW BOWLING CLUB	90.00
BEN KAYE-SKINNER	MARCHING BAND	3,000.00
BIO CORPORATION	MS SCIENCE SUPPLIES	101.25
BOHL PLUMBING	REPAIRS	1,103.73
CAPITAL BUSINESS SYSTEMS	FAX AND COPIES	350.87
CAPITAL BUSINESS SYSTEMS	COPIER LEASE	2,870.21
CAPITAL ONE	MISC CHARGES	668.47
CARD SERVICES	MISC CHARGES	1,702.19
CITIZEN PRINTING COMPANY	DEPOSIT ENVELOPES	67.54
COLUMN SOFTWARE PBC	PUBLIC NOTICE	219.08
COMPUTER HARDWARE-LINCOLN	CHROMEBOOKS	6,145.00
DAS STATE ACCOUNTING - CENTRAL	DISTANCE LEARNING	292.87
DIETZE MUSIC	BAND AND MUSIC SUPPLIES	640.44
DOUGLAS TIRE	VEHICLE REPAIRS	1,266.96
ESU #4	CONTRACTED SERVICES	4,433.85
ESU #5	WORKSHOP REGISTRATION	20.00
ESU #6	WORKSHOP REGISTRATION	160.00
EYMAN PLUMBING HEATING AND AIR	HS GIRLS RESTROOM SEWER	1,343.50
FACILITY ADVOCATES	SERVICE CALL	480.50

FAREWAY STORES	CO SUPPLIES	19.76
FBG SERVICE CORPORATION	CUSTODIAL SERVICES	29,751.00
FIRST STUDENT INC	TRANSPORATION SERVICES	43,222.25
FOLLETT SCHOOL SOLUTIONS LLC	HW BOOKS	421.78
GARY'S GARAGE DOORS AND MORE	REPLACE GARAGE DOOR MOTOR	200.00
GRAINGER	NS FAUCETS	612.12
GROWING WORDS THERAPY	CONTRACTED SERVICES	504.26
HEGGERTY- LITERACY RESOURCES, LLC	PREK CURRICULUM	657.72
HD SUPPLY FORMERLY HOME DEPOT PRO	CUSTODIAL SERVICES	1,476.63
J.F. AHERN CO.	INSPECTIONS	480.00
JAIME FRITCH	MILEAGE	57.22
Jason Hippen	SUPPLY REIMBURSEMENT	298.28
JENNA HENRICHS	MILEAGE	33.30
JEO CONSULTING GROUP	HW DOOR DESIGNS	2,975.00
JUDY GOERING	CLUB SUPPLIES	109.70
JW PEPPER & SON, INC	VOCAL MUSIC	188.99
KSB SCHOOL LAW, PC, LLO	LEGAL SERVICES	576.00
LANT HARDWARE, INC	MAINT SUPPLIES	119.42
LINCOLN PUBLIC SCHOOLS	MARCHING BAND ENTRY	200.00
MARSHA BIAGGI	LODGING REIMB	311.36
MATHESON TRI-GAS INC.	SUPPLIES	1,110.77
MEAD LUMBER	MAINT SUPPLIES	178.87
MECHANICAL SALES PARTS, INC.	MOTOR FOR HS	558.85
NACIA	MEMBERSHIP	40.00
NASB	ED LAW BOOK	181.00
NCSA	ANNUAL MEMBERSHIP	2,735.00
NEBRASKA CITY UTILITIES	SEPT UTILITIES	43,949.34
NEBRASKA FCCLA	NATIONALS DEPOSIT AND DUES	1,070.00
NEBRASKA STATE FIRE MARSHAL AGENCY	BOILER CERTIFICATION	216.00
NVAA DISTRICT 1	DISTRICT DUES FFA	270.00
OMAHA DOOR & WINDOW CO	NS AND HW DOOR REPAIRS	2,780.00
ONE SOURCE	BACKGROUND CHECKS	59.50
O'REILLY AUTO PARTS	VEHICLE REPAIRS	12.38
PAPER TIGER SHREDDING, INC.	SHREDDING SERVICE	40.00

PAYROLL ACCOUNT-NC PUBLIC SCH	OCTOBER 2024 PAYROLL	1,330,732.26
PEARSON	DIGITAL TESTING	1,063.75
PERCUSSION SOURCE	MS BAND SUPPLIES	82.77
PERU STATE COLLEGE	JOB FAIR REGISTRATION FEE	250.00
PURCHASE POWER	POSTAGE	1,000.00
RIVER VIEW PEST CONTROL, INC.	PEST CONTROL	700.00
RIVERSIDE CONSTRUCTION INC	REPLACE ROOF LADDER	4,450.00
SARAH ROBERTS	CONTRACTED SERVICES	9,319.77
SARAH STEFFEN PINEDA	PT INTERPRETING	532.56
SECURITY EQUIPMENT INC.	NS DOOR REPAIRS	2,578.46
SPORTS FACILITY MAINTENANCE	GYM SAFETY INSPECTIONS	8,290.00
TAMMY BLOBAUM	SCIENCE SUPPLY REIMBURSEMENT	39.34
TK ELEVATOR CORPORATION	SERVICE CONTRACT	937.04
UPS	RETURN NURSE SUPPLIES	17.90
VAN DIEST SUPPLY COMPANY	LAWN MAINT	771.90
VERIZON WIRELESS	CELL PHONES	710.83
VOSS LIGHTING	DISTRICT LIGHTS	2,163.00
VOYAGER FLEET SYSTEMS	FUEL CHARGES	4,670.73
WESTLAKE ACE HARDWARE	MAINT SUPPLIES	86.53
WEX BANK	FUEL CHARGES	182.10
WINDSTREAM	PHONE	1,105.12
ZULTYS INC	PHONE	4,163.95
Fund Number	01	<u>1,545,583.49</u>
Checking Account ID		<u>1,545,583.49</u>
Checking Account ID	Fund Number	01 <u>General Fund</u>
BLUE CROSS BLUE SHIELD	OCT HEALTH & DENTAL PREMIUMS	222,097.32
MADISON NATIONAL LIFE	OCT LIFE INS PREMIUMS	1,597.05
TRANSAMERICA LIFE INS COMPANY	SEPT & OCT PREMIUMS	7,574.60
VSP, INC	SEPT & OCT PREMIUMS	2,924.89
Fund Number	01	<u>234,193.86</u>
Checking Account ID		<u>234,193.86</u>
Checking Account ID	Fund Number	06 <u>Nutrition Services</u>
GOODWIN TUCKER	MS FREEZER REPLACEMENT	36,720.00
LUNCHTIME SOLUTIONS, INC.	SEPT FOOD SERVICE	94,102.63

TAMMY WHITE

LUNCH REFUND

15.30

Fund Number

06

130,837.93

Checking Account ID

130,837.93

Activity Fund Balance Report - Summary - Exclude Encumbrances

10/2024 - 10/2024

Regular; Beginning Month 10/2024; Processing Month 10/2024; Accounts to Include Accounts with Activity; Fund Balance Account 133 Records Selected; Fund Number 05

Fund: 05 Activity Fund

<u>Chart of Account Number</u>	<u>Chart of Account Description</u>	<u>Beginning Balance</u>	<u>Expenses</u>	<u>Revenues</u>	<u>Balance Change</u>	<u>Balance</u>
05 704 0001	VARSITY FOOTBALL BALANCE	(9,098.70)	1,565.00	4,127.50	0.00	(6,536.20)
05 704 0002	9TH FOOTBALL BALANCE	(3,285.59)	680.00	1,508.00	0.00	(2,457.59)
05 704 0003	7-8 FOOTBALL BALANCE	(2,956.92)	845.00	1,569.26	0.00	(2,232.66)
05 704 0004	VARSITY BBB BALANCE	(3,375.00)	0.00	1,250.00	0.00	(2,125.00)
05 704 0009	NC INVITATIONAL TRACK BALANCE	4,698.31	0.00	0.00	0.00	4,698.31
05 704 0010	TRAVELING GIRLS BB BALANCE	3,775.89	0.00	0.00	0.00	3,775.89
05 704 0012	VARSITY WRESTLING BALANCE	32.30	0.00	0.00	0.00	32.30
05 704 0014	CROSS COUNTRY BALANCE	(556.95)	1,947.00	1,170.00	0.00	(1,333.95)
05 704 0015	VARSITY GIRLS TRACK BALANCE	192.30	0.00	0.00	0.00	192.30
05 704 0016	VARSITY GBB BALANCE	(3,375.00)	0.00	1,250.00	0.00	(2,125.00)
05 704 0018	VARSITY VOLLEYBALL BALANCE	865.42	1,138.50	1,000.02	0.00	726.94
05 704 0019	9TH VOLLEYBALL BALANCE	(125.67)	0.00	0.00	0.00	(125.67)
05 704 0020	7-8 VOLLEYBALL BALANCE	790.00	300.00	1,244.25	0.00	1,734.25
05 704 0021	BOYS TENNIS BALANCE	(40.50)	209.15	150.00	0.00	(99.65)
05 704 0022	GIRLS TENNIS BALANCE	(90.50)	0.00	0.00	0.00	(90.50)
05 704 0023	UNIFIED ACTIVITIES	1,281.03	0.00	0.00	0.00	1,281.03
05 704 0025	FFA BALANCE	12,556.46	3,844.24	0.00	0.00	8,712.22
05 704 0026	FCCLA BALANCE	2,645.60	3,418.98	7,457.00	0.00	6,683.62
05 704 0027	PIONNER YOUTH BOYS BASKETBALL BALANCE	3,206.24	0.00	0.00	0.00	3,206.24
05 704 0028	NS BOOK FUND BALANCE	(3,440.93)	0.00	0.00	0.00	(3,440.93)
05 704 0029	SINGERS BALANCE	732.47	0.00	0.00	0.00	732.47
05 704 0030	MUSICAL BALANCE	9,283.20	0.00	0.00	0.00	9,283.20
05 704 0031	DECA BALANCE	167.16	0.00	0.00	0.00	167.16
05 704 0032	MS CONCESSIONS BALANCE	2,027.52	1,331.15	1,333.40	0.00	2,029.77
05 704 0033	FBLA BALANCE	6,709.21	0.00	70.00	0.00	6,779.21
05 704 0034	HS POP MONEY BALANCE	14.16	0.00	0.00	0.00	14.16
05 704 0035	MS POP BALANCE	3,176.07	0.00	0.00	0.00	3,176.07
05 704 0036	HS BAND RESALE BALANCE	(521.19)	0.00	0.00	0.00	(521.19)
05 704 0037	MS BAND RESALE BALANCE	3,342.30	0.00	20.00	0.00	3,362.30
05 704 0038	MS WRESTLING CLUB BALANCE	3,206.91	0.00	0.00	0.00	3,206.91
05 704 0039	PIONEER FOOTBALL BALANCE	3,271.79	0.00	0.00	0.00	3,271.79
05 704 0040	WEIGHTLIFTING BALANCE	201.95	0.00	280.00	0.00	481.95
05 704 0041	MS TRACK CLUB BALANCE	483.77	0.00	0.00	0.00	483.77
05 704 0042	CHILDRENS CHOIR BALANCE	275.71	0.00	0.00	0.00	275.71
05 704 0043	HW BOOK FUND BALANCE	1,522.61	0.00	0.00	0.00	1,522.61
05 704 0044	WRESTLING MATMAIDS BALANCE	322.14	0.00	0.00	0.00	322.14

Activity Fund Balance Report - Summary - Exclude Encumbrances

10/2024 - 10/2024

Regular; Beginning Month 10/2024; Processing Month 10/2024; Accounts to Include Accounts with Activity; Fund Balance Account 133 Records Selected; Fund Number 05

Fund: 05 Activity Fund

<u>Chart of Account Number</u>	<u>Chart of Account Description</u>	<u>Beginning Balance</u>	<u>Expenses</u>	<u>Revenues</u>	<u>Balance Change</u>	<u>Balance</u>
05 704 0045	CHEERLEADERS BALANCE	4,828.53	0.00	0.00	0.00	4,828.53
05 704 0046	CLASS OF 2027 BALANCE	957.95	0.00	125.00	0.00	1,082.95
05 704 0048	SPEECH CONTEST BALANCE	2,237.05	0.00	0.00	0.00	2,237.05
05 704 0049	DRAMA ACTIVITY BALANCE	2,667.35	0.00	0.00	0.00	2,667.35
05 704 0050	MS STUDENT COUNCIL BALANCE	9,861.50	219.15	221.85	0.00	9,864.20
05 704 0051	HS STUDENT COUNCIL BALANCE	2,255.94	0.00	245.00	0.00	2,500.94
05 704 0052	JOURNALISM BALANCE	10,545.43	0.00	930.00	0.00	11,475.43
05 704 0053	BIG MAC MATH BALANCE	595.35	0.00	0.00	0.00	595.35
05 704 0054	ART CLUB BALANCE	1,545.81	0.00	0.00	0.00	1,545.81
05 704 0055	CONSTRUCTION CLASS BALANCE	2.91	0.00	0.00	0.00	2.91
05 704 0056	NATIONAL HONOR SOCIETY BALANCE	(387.05)	0.00	0.00	0.00	(387.05)
05 704 0057	DISTRICT ACTIVITY FUND BALANCE	10,652.33	0.00	575.00	0.00	11,227.33
05 704 0058	HS BAND ACTIVITY BALANCE	1,088.18	0.00	0.00	0.00	1,088.18
05 704 0059	6TH GRADE BAND BALANCE	(985.68)	0.00	0.00	0.00	(985.68)
05 704 0060	HS BOOK SALES BALANCE	4,330.27	0.00	0.00	0.00	4,330.27
05 704 0061	HS SCIENCE GRANT BALANCE	2.02	0.00	0.00	0.00	2.02
05 704 0064	HS SCIENCE CLUB BALANCE	637.20	931.66	545.00	0.00	250.54
05 704 0065	HS COLOR GUARD BALANCE	(1,587.58)	0.00	0.00	0.00	(1,587.58)
05 704 0066	HS METALS BALANCE	104.82	0.00	0.00	0.00	104.82
05 704 0067	MS HOME EC. LAB BALANCE	50.03	0.00	0.00	0.00	50.03
05 704 0068	HS CONCESSIONS BALANCE	16,275.48	9,187.85	7,142.55	0.00	14,230.18
05 704 0069	PRECORDERS BALANCE	655.20	0.00	0.00	0.00	655.20
05 704 0070	VARSITY CLUB BALANCE	26,911.12	6,305.67	9,340.00	0.00	29,945.45
05 704 0071	WELLNESS BALANCE	6,483.43	0.00	6,035.00	0.00	12,518.43
05 704 0072	DRIVER EDUCATION BALANCE	12,119.78	0.00	0.00	0.00	12,119.78
05 704 0073	MS SHOP ACTIVITY BALANCE	1,513.46	0.00	0.00	0.00	1,513.46
05 704 0075	SPECIAL EQUIPMENT BALANCE	0.00	0.00	0.00	0.00	0.00
05 704 0077	HS GOLF FUNDRAISING	621.25	0.00	0.00	0.00	621.25
05 704 0078	HS WRESTLING FUNDRAISER	426.12	0.00	0.00	0.00	426.12
05 704 0079	HORTICULTURE BALANCE	603.27	0.00	0.00	0.00	603.27
05 704 0082	NC DRUG FEE BALANCE	183.32	0.00	0.00	0.00	183.32
05 704 0085	HW PURPLE JAM BALANCE	500.32	0.00	0.00	0.00	500.32
05 704 0086	SUMMER SB LEAGUE BALANCE	(16.75)	0.00	0.00	0.00	(16.75)
05 704 0087	HAYWARD FUNDRAISER BALANCE	3,322.07	199.96	0.00	0.00	3,122.11
05 704 0088	MS BOOK SALES BALANCE	(2,098.71)	0.00	0.00	0.00	(2,098.71)
05 704 0090	VOLLEYBALL CLUB BALANCE	4,648.64	0.00	0.00	0.00	4,648.64

Activity Fund Balance Report - Summary - Exclude Encumbrances

10/2024 - 10/2024

Regular; Beginning Month 10/2024; Processing Month 10/2024; Accounts to Include Accounts with Activity; Fund Balance Account 133 Records Selected; Fund Number 05

Fund: 05 Activity Fund

<u>Chart of Account Number</u>	<u>Chart of Account Description</u>	<u>Beginning Balance</u>	<u>Expenses</u>	<u>Revenues</u>	<u>Balance Change</u>	<u>Balance</u>
05 704 0091	GIRLS SOCCER CLUB BALANCE	1,823.95	0.00	423.50	0.00	2,247.45
05 704 0092	CLASS OF 2024 BALANCE	309.28	0.00	0.00	0.00	309.28
05 704 0094	HS SHOP RESALE BALANCE	62.77	0.00	0.00	0.00	62.77
05 704 0095	HS ENGLISH BALANCE	291.86	0.00	0.00	0.00	291.86
05 704 0096	PIONEER PERKS BALANCE	585.13	0.00	0.00	0.00	585.13
05 704 0097	NS FUNDRAISER BALANCE	1,635.44	399.00	1,515.00	0.00	2,751.44
05 704 0098	BBB SUMMER LEAGUE BALANCE	4,650.36	0.00	0.00	0.00	4,650.36
05 704 0099	DISTRICT WELLNESS BALANCE	3,824.97	459.90	0.00	0.00	3,365.07
05 704 0100	HW DARE BALANCE	79.52	0.00	0.00	0.00	79.52
05 704 0101	PIONEER CROSS COUNTRY BALANCE	831.98	0.00	0.00	0.00	831.98
05 704 0103	DISTRICT II MUSIC CONTEST BALANCE	41.54	0.00	0.00	0.00	41.54
05 704 0104	HS SCIENCE SCHOLARSHIP BALANCE	351.51	0.00	0.00	0.00	351.51
05 704 0105	B&G SOCCER BALANCE	(3,375.00)	0.00	1,250.00	0.00	(2,125.00)
05 704 0106	BOYS TENNIS CLUB BALANCE	(219.34)	0.00	0.00	0.00	(219.34)
05 704 0107	GIRLS GOLF BALANCE	(85.00)	281.40	0.00	0.00	(366.40)
05 704 0108	EXPRESSIONS BALANCE	4,740.80	0.00	0.00	0.00	4,740.80
05 704 0109	FB JERSEYS BALANCE	60.83	0.00	0.00	0.00	60.83
05 704 0110	MS VOCAL BALANCE	190.00	0.00	0.00	0.00	190.00
05 704 0111	HS SPED BALANCE	1,089.87	0.00	0.00	0.00	1,089.87
05 704 0112	SUMMER GBB BALANCE	1,241.78	0.00	0.00	0.00	1,241.78
05 704 0115	GIRLS TENNIS CLUB BALANCE	(1,246.21)	0.00	0.00	0.00	(1,246.21)
05 704 0116	STUDENT FEE DONATION BALANCE	707.00	0.00	0.00	0.00	707.00
05 704 0117	BOYS SOCCER CLUB BALANCE	2,636.04	0.00	0.00	0.00	2,636.04
05 704 0118	Girls Wrestling Club Balance	2,536.21	0.00	324.00	0.00	2,860.21
05 704 0119	WASHINGTON TRIP BALANCE	789.49	0.00	0.00	0.00	789.49
05 704 0121	CLASS OF 2026 BALANCE	692.38	0.00	0.00	0.00	692.38
05 704 0123	SOFTBALL BALANCE	(2,844.64)	2,854.63	6,983.00	0.00	1,283.73
05 704 0124	CD/INTEREST BALANCE	(10,530.03)	0.00	399.16	0.00	(10,130.87)
05 704 0126	MUSIC TRIP BALANCE	1,247.70	0.00	0.00	0.00	1,247.70
05 704 0127	HAL BALANCE	370.46	0.00	0.00	0.00	370.46
05 704 0128	BASEBALL CLUB BALANCE	849.55	0.00	0.00	0.00	849.55
05 704 0129	CAREER & HUMAN DEVELOPMENT BALANCE	2.00	0.00	0.00	0.00	2.00
05 704 0130	HS SOUND SYSTEM BALANCE	846.25	0.00	0.00	0.00	846.25
05 704 0131	SUMMER SCHOOL BALANCE	7,240.32	0.00	0.00	0.00	7,240.32
05 704 0132	HS ART FEES BALANCE	5,090.07	0.00	0.00	0.00	5,090.07
05 704 0133	HS SPANISH FEES BALANCE	274.72	0.00	0.00	0.00	274.72

Activity Fund Balance Report - Summary - Exclude Encumbrances

10/2024 - 10/2024

Regular; Beginning Month 10/2024; Processing Month 10/2024; Accounts to Include Accounts with Activity; Fund Balance Account 133 Records Selected; Fund Number 05

Fund: 05 Activity Fund

<u>Chart of Account Number</u>	<u>Chart of Account Description</u>	<u>Beginning Balance</u>	<u>Expenses</u>	<u>Revenues</u>	<u>Balance Change</u>	<u>Balance</u>
05 704 0134	MS FCS BALANCE	796.47	0.00	0.00	0.00	796.47
05 704 0135	MS ART FEES BALANCE	2,518.30	23.34	0.00	0.00	2,494.96
05 704 0136	MS IT FEES BALANCE	5,218.82	0.00	0.00	0.00	5,218.82
05 704 0137	HS FOOD FEES BALANCE	2,161.82	0.00	20.00	0.00	2,181.82
05 704 0138	COLLEGE TUITION FEES BALANCE	735.17	0.00	0.00	0.00	735.17
05 704 0139	CONSUMER MATH SCHOLARSHIP BALANCE	1,654.00	0.00	0.00	0.00	1,654.00
05 704 0140	Education Quest	11,000.76	1,292.79	0.00	0.00	9,707.97
05 704 0141	CO BALANCE	25,540.79	751.36	1,213.06	0.00	26,002.49
05 704 0144	PIONEER PETE BALANCE	2,966.52	0.00	0.00	0.00	2,966.52
05 704 0145	HS TRACK CLUB BALANCE	509.28	0.00	0.00	0.00	509.28
05 704 0148	NAT'L JR. HONOR SOCIETY BALANCE	1,795.08	0.00	0.00	0.00	1,795.08
05 704 0150	MS VOLLEYBALL CLUB BALANCE	569.53	0.00	0.00	0.00	569.53
05 704 0152	ACTIVITY ADMIN. BALANCE	5,695.31	0.00	0.00	0.00	5,695.31
05 704 0153	ROBOTICS BALANCE	(3.64)	0.00	0.00	0.00	(3.64)
05 704 0155	MS ROBOTICS BALANCE	2,341.80	0.00	0.00	0.00	2,341.80
05 704 0157	TECHNOLOGY BALANCE	43,753.88	0.00	50.00	0.00	43,803.88
05 704 0158	MS LIFE SKILLS BALANCE	3,164.43	0.00	415.25	0.00	3,579.68
05 704 0159	CA CONSTRUCTION BALANCE	6,834.95	263.75	0.00	0.00	6,571.20
05 704 0160	CLASS OF 2025 BALANCE	(147.89)	0.00	0.00	0.00	(147.89)
05 704 0161	CA WELDING BALANCE	413.61	0.00	0.00	0.00	413.61
05 704 0162	CA-INFORMATION TECHNOLOGY BALANCE	600.59	0.00	0.00	0.00	600.59
05 704 0163	YOUTH TENNIS CLUB BALANCE	747.30	0.00	0.00	0.00	747.30
05 704 0164	JAG BALANCE	431.61	0.00	0.00	0.00	431.61
05 704 0165	ESPORTS BALANCE	729.63	0.00	0.00	0.00	729.63
05 704 0166	TURF AND DIRT BALANCE	2,350.00	1,700.00	0.00	0.00	650.00
Fund Total: 05		308,635.61	40,149.48	60,181.80	0.00	328,667.93

Nebraska City Public Schools
 October 2024
 Summary Financial Report

General Fund

The General Fund finances all facets of services rendered by the school district including payroll, benefits, equipment, supplies, insurance, building occupancy, contracted services, and other daily functions and operations of the district. The tax levy for this fund is restricted to \$1.05 plus qualified exclusions. The approved General Fund levy for 2024-25 .865308

	2024	2023
Balance Forward	2,743,617.98	
Revenue	1,324,993.36	
Expenses	<u>1,353,852.07</u>	
Balance	2,714,759.27	2,345,625.03

Building Fund

The Building Fund is used to acquire or improve sites and/or to erect, alter or improve buildings. The sale of bonds, the sale of property, or tax receipts will be the primary sources of revenue for the Special Building Fund. Regardless of the source of money to be used for building construction and related costs, all income for the purposes of this fund shall be accountable through this fund. The tax levy for this fund falls under the \$1.05 levy limit and is further restricted to \$0.14 with local board approval or \$0.175 following a vote of the people for a term not to exceed ten years. The approved Building Fund levy for 2024-25 .052995

	2024	2023
Balance Forward	16,114.53	
Revenue	38,014.78	
Expenses	<u>0.00</u>	
Balance	54,129.31	185,949.71

QCPUF Fund

A Qualified Capital Purpose Undertaking Fund (QCPUF) may be established for the removal of environmental hazards, the reduction or elimination of accessibility barriers in school district buildings, modifications for life safety code violations, life safety hazards, and mold abatement and prevention projects for existing facilities only. General Fund expenditures for the purpose of this fund are not allowable. Effective April 19, 2016, the tax levy for this fund is restricted to \$0.03. The tax levy for QCPUF projects in place prior to April 19, 2016, remains at \$0.052. The levy may exceed the \$0.03 levy limit if the valuation has decreased from the last year bonds were issued and the bond principal and interest obligation cannot be met. Tax levies cannot exceed ten years for each project. The approved QCPUF levy for 2024-25 .020631

	2024	2023
Balance Forward	380,763.54	
Revenue	18,259.53	
Expenses	<u>11,346.90</u>	
Balance	387,676.17	383,604.98

Depreciation Fund

The purpose of the Depreciation Fund is to facilitate the eventual purchase of costly items by spreading replacement costs over a period of years in order to avoid a disproportionate tax effort in a single year to make the purchase. To allocate monies from the General Fund, a school district will transfer funds as an expense from the General Fund, and the Depreciation Fund will show the transfer as revenue from the General Fund. The school district must divide this fund into more than one account to allocate a portion of this fund for different valid purposes. The Depreciation Fund is a component of the General Fund.

	2024	2023
Balance Forward	3,472,677.17	
Revenue	588.27	
Expenses	<u>0.00</u>	
Balance	3,473,265.44	1,886,440.93

School Nutrition Fund

The School Nutrition Fund (formerly School Lunch Fund) is required to accommodate the financial activities of all Nutrition Programs operated by the school district. The School Nutrition Fund shall reflect a record of all revenues and expenditures incident to the operation of all Nutrition Programs. If a deficit is incurred in the operation, the deficiency shall be covered by funds transferred from the General Fund.

	2024	2023
Balance Forward	567,095.57	
Revenue	24,484.59	
Expenses	<u>130,837.93</u>	
Balance	460,742.23	411,833.37

Payroll Account

An internal account created for exclusive use by Nebraska City Public Schools. This account receives funds from the General Fund on a monthly basis to cover monthly payroll, benefits, and associated expenses.

	2024	2023
Balance Forward	45,454.95	
Revenue	1,330,732.26	
Expenses	<u>1,335,503.54</u>	
Balance	40,683.67	42,226.08

Section 125 Account

An internal account created for exclusive use by Nebraska City Public Schools. This account receives funds from individual employees' monthly salary/wages to cover monthly employee-elected deductions for childcare and healthcare expenses.

	2024	2023
Balance Forward	34,707.49	
Revenue	5,492.24	
Expenses	<u>4,947.91</u>	
Balance	35,251.82	31,518.09

Meyer Memorial Fund

An internal account created for exclusive use by Nebraska City Public Schools. This fund, established by donations from the Meyer family, is used to fund scholarships.

	2024	2023
Balance Forward	229,318.63	
Revenue	5.33	
Expenses	<u>0.00</u>	
Balance	229,323.96	229,315.58

Bond Fund

The Bond Fund shall be used to record tax receipts, investment interest, and the payment of bond principal, interest, and other related costs (i.e., trustee fees). If the fund balance is not sufficient to meet interest or bond retirement payments from the Bond Fund, the General Fund shall be used for these payments. Revenue from a levy to retire bonds in any school district is retained in a separate fund by the county treasurer, the financial institution serving as a fiscal agent, or the school district. Funds shall be disbursed upon appropriate demand. All records of the transactions in this area shall be maintained in this fund. Proceeds from a bond issue shall be deposited into the Special Building Fund to be expended on the actual building project. The Bond Fund is a taxing fund and is not part of the \$1.05 cap. The tax levy for this fund is restricted for expenditures other than principal and interest on bonds. Proceeds from a bond issue shall be deposited into the Special Building Fund to be expended on the actual building project. The approved Bond Fund levy for 2024-25 .137968

	2024	2023
Balance Forward	2,790,696.52	
Revenue	95,917.65	
Expenses	<u>0.00</u>	
Balance	2,886,614.17	2,698,068.25

NEBRASKA CITY PUBLIC SCHOOLS 66-0111							24-25	23-24
GENERAL FUND MONTHLY FINANCIAL REPORT			REC'D MONTH	REC'D THRU:	REC'D THRU		% OF BUDGET TO	% OF BUDGET TO
	RECEIPTS:	BUDGETED	OCTOBER	10/31/2024	10/31/2023	DIFFERENCE	BE RECEIVED	BE RECEIVED
	LOCAL PROPERTY TAXES	9,815,871.00	560,359.16	2,665,691.75	2,528,635.30	137,056.45	72.84%	
	CARLINE TAX	10,000.00	846.15	1,023.92	2,052.97	(1,029.05)	89.76%	
	IN LIEU OF TAX, 5% GROSS	5,800.00				0.00	100.00%	
	MOTOR VEHICLE TAX	835,000.00	70,838.10	156,913.56	145,922.96	10,990.60	81.21%	
	PENALTIES AND INTEREST ON TAXES	0.00				0.00		
	TUITION FROM OTHER DISTRICTS-SPED	0.00				0.00		
	LOCAL LICENSE FEES, CITY	3,000.00		300.00		300.00	90.00%	
	RENTAL OF SCHOOL FACILITIES	2,000.00		1,400.00		1,400.00	30.00%	
	OTHER LOCAL REVENUE	1,500.00				0.00		
	COUNTY FINES & LICENSE FEES	140,000.00	13,550.89	27,949.64	22,539.82	5,409.82	80.04%	
	ESU RECEIPTS					0.00		
	OTHER COUNTY SOURCES	1,200.00	1,177.60	1,177.60	1,177.55	0.05		
	STATE AID	4,686,159.00	468,616.00	937,232.00	921,794.00	15,438.00	80.00%	
	SPECIAL EDUCATION PROGRAM	2,300,000.00				0.00	100.00%	
	SPECIAL EDUCATION TRANSP.	20,000.00				0.00	100.00%	
	HOMESTEAD EXEMPTION	295,000.00				0.00	100.00%	
	RELIEF TO PROPERTY TAXPAYERS	625,000.00				0.00	100.00%	
	PERSONAL PROPERTY TAX CREDIT					0.00		
	RAILROAD CREDIT					0.00		
	HIGH ABILITY LEARNERS	9,000.00			8,305.00	(8,305.00)	100.00%	
	RULE 4 TEXTBOOK LOAN					0.00		
	PRO-RATE MOTOR VEHICLE	30,000.00	277.18	277.18	312.84	(35.66)	99.08%	
	STATE APPORTIONMENT	270,000.00				0.00	100.00%	
	IN LIEU OF SCHOOL LAND TAX					0.00		
4,494.00	STATE EARLY CHILDHOOD	25,000.00		9,541.00	5,278.00	4,263.00	61.84%	
	CTE EXTENSION GRANT	8,551.00				0.00		
	SAFETY AND SECURITY GRANT					0.00		
18,316.66	PROJECT AWARE	200,000.00	8,827.50	8,827.50	23,920.56	(15,093.06)	95.59%	
249,074.00	TITLE I	350,000.00			27,520.00	(27,520.00)	100.00%	
17,684.00	TITLE II PART A	50,000.00	60,365.00	60,365.00	802.00	59,563.00	-20.73%	
63,521.00	IDEA BASE	350,611.00	51,359.00	110,756.00	14,743.00	96,013.00	68.41%	
1,412.00	IDEA PRESCHOOL BASE	8,379.00				0.00	100.00%	
4,891.00	IDEA NON PUBLIC	41,010.00		17,142.00		17,142.00	58.20%	
	IDEA PRESCHOOL BASE-ARP					0.00		
	IDEA BASE-ARP					0.00		
	IDEA NON PUBLIC -ARP					0.00		
	MEDICAID IN PUBLIC SCHOOLS	35,000.00	8,526.78	30,360.22		30,360.22		
	MAAPS RECEIPTS	40,000.00			8,997.84	(8,997.84)	100.00%	
	HOMELESS GRANT			1,696.00		1,696.00		
	ESSERS II	0.00				0.00		
	ESSERS III		62,605.00	62,605.00	69,185.00	(6,580.00)		
	N-SPDG GRANT					0.00		
36,453.00	TITLE IV, PART B, NCLB 21ST CENTURY	170,000.00				0.00	100.00%	
	SUMMER CLUB EXTENSION (6989)					0.00		
	CLUBS EXTENSION (6988)		17,645.00	17,645.00		17,645.00		
	LONG TERM LOAN-LOC	0.00				0.00		
	TAX ANTICIPATION NOTES	0.00				0.00		
	SALE OF BONDS					0.00		
	TRANSFERS FROM FUNDS					0.00		
	OTHER NON-REVENUE RECEIPTS					0.00		
	TOTAL WITHOUT INTERCOMPANY RECEIPT	20,328,081.00	1,324,993.36	4,110,903.37	3,781,186.84	329,716.53	79.78%	81.48%
	NON PROGRAM RECEIPTS							
395,845.66	GRAND TOTAL	20,328,081.00	1,324,993.36	4,110,903.37	3,781,186.84			

			DISB. MONTH	DISB. THRU:	DISB. THRU:		% OF BUDGET TO	% OF BUDGET TO
	DISBURSEMENTS:	BUDGETED	OCTOBER	10/31/2024	10/31/2023	DIFFERENCE	BE SPENT	BE SPENT
1100	INSTRUCTION	6,160,340.00	458,242.77	892,215.96	856,037.55	36,178.41	85.52%	
1150	ELL	407,050.00	33,889.63	67,253.73	59,936.42	7,317.31	83.48%	
1160	POVERTY	2,450,170.00	221,704.94	441,815.81	367,726.77	74,089.04	81.97%	
1190	PRESCHOOL LOCAL FUNDS	313,850.00	25,733.50	50,665.60	35,172.97	15,492.63	83.86%	
1200	SPECIAL EDUCATION	2,836,250.00	223,283.12	439,985.15	429,240.52	10,744.63	84.49%	
1300	DRIVER'S ED/SUMMER SCHOOL	20,455.00		1,740.23	-	1,740.23	91.49%	
2120	GUIDANCE	316,315.00	25,317.69	50,635.33	20,334.96	30,300.37	83.99%	
2130	HEALTH/NURSE	88,675.00	6,792.45	16,212.40	16,797.33	(584.93)	81.72%	
2140	PSYCHOLOGY	242,900.00	20,549.98	41,291.07	57,413.59	(16,122.52)	83.00%	
2150	SPEECH/AUDIOLOGY	307,700.00	32,110.00	65,460.80	41,640.27	23,820.53	78.73%	
2160	OCCUPATIONAL THERAPY	400.00				-	100.00%	
2170	PHYSICAL THERAPY	64,200.00	4,765.26	9,545.59	10,355.08	(809.49)	85.13%	
2180	VISION	600.00			516.74	(516.74)	100.00%	
2190	OTHER SUPPORT SERVICES	93,000.00	1,927.36	2,334.40	4,838.55	(2,504.15)	97.49%	
2212	CURRICULUM DIRECTOR	141,750.00	12,176.30	23,933.60	5,643.37	18,290.23	83.12%	
2214	STANDARDS DIRECTOR	9,500.00			550.00	(550.00)	100.00%	
2220	LIBRARY	193,615.00	12,770.58	26,524.00	36,542.24	(10,018.24)	86.30%	
2290	EARLY RETIREMENT	105,000.00		105,000.00	95,609.20	9,390.80	0.00%	
2310	SCHOOL BOARD	129,000.00	2,830.95	8,683.66	36,700.94	(28,017.28)	93.27%	
2320	SUPERINTENDENT	334,625.00	27,587.95	55,514.89	53,975.78	1,539.11	83.41%	
2410	PRINCIPALS	1,091,200.00	91,300.58	183,007.10	181,880.60	1,126.50	83.23%	
2510	BUSINESS OFFICE	246,050.00	21,106.92	42,593.35	37,792.31	4,801.04	82.69%	
2580	TECHNOLOGY	486,400.00	14,231.73	67,090.52	61,179.15	5,911.37	86.21%	
2610	PLANT OPERATION	1,143,500.00	78,417.16	395,727.43	336,865.68	58,861.75	65.39%	
2620	MAINTENANCE	1,102,850.00	64,072.66	121,373.25	119,248.72	2,124.53	88.99%	
2700	PUPIL TRANSPORTATION	383,925.00	50,357.85	55,111.23	73,050.38	(17,939.15)	85.65%	
3535	HIGH ABILITY LEARNERS	4,670.00	300.88	601.76	843.54	(241.78)	87.11%	
3540	STATE EARLY CHILDHOOD	26,175.00	2,247.69	4,495.38	17,288.37	(12,792.99)	82.83%	
3551	CTE EXTENSTION GRANT	8,551.00	1,430.00	1,430.00	-			
3552	SAFETY AND SECURITY GRANT	200,000.00	2,975.00	3,825.00	-			
3599	TEXTBOOK LOAN				-	-		
5000	DEBT SERVICES	40,000.00	2,995.50	5,991.00	-	5,991.00		
6200	TITLE I	386,415.00	31,933.91	63,867.82	63,333.75	534.07	83.47%	
6310	TITLE II PART A	116,650.00	8,842.68	17,685.36	18,673.29	(987.93)	84.84%	
6406	IDEA PART B PRESCHOOL	8,562.00	707.07	1,414.14	10,586.67	(9,172.53)	83.48%	
6408	IDEA BASE/ENROLLMENT/POVERTY	363,000.00	32,452.71	63,522.40	78,352.02	(14,829.62)	82.50%	
6412	NON-PUBLIC SPED	41,010.00	2,784.27	4,893.83	12,383.82	(7,489.99)	88.07%	
6418	PEAK GRANT	0.00	750.00	9,637.75		9,637.75		
6421	IDEA BASE-ARP	0.00				-		
6423	IDEA NON PUBLIC -ARP	0.00				-		
6700	PERKINS	0.00				-		
6968	TITLE IV, PART B, NCLB 21ST CENTURY	192,190.00	21,003.44	29,648.26	29,592.32	55.94	84.57%	
6988	EXTENDED CLUBS					-		
6989	SUMMER CLUBS					-		
6990	PROJECT AWARE	224,045.00	9,858.57	18,316.66	12,404.68	5,911.98	91.82%	
6994	HOMELESS GRANT							
6996	ESSERS/CARES GRANT	0.00				-		
6997	ESSERS II	0.00				-		
6998	ESSERS III	0.00			85,463.71	(85,463.71)		
	SUBTOTAL	20,280,588.00	1,547,451.10	3,389,044.46	3,267,971.29	115,818.17	78.93%	83.42%
	TRANSFER TO FUND							
	TOTAL DISBURSEMENTS:	20,280,588.00	1,547,451.10	3,389,044.46	3,267,971.29			

	Balance on hand District Treasury 8-31-24	1,862,626.63						
	Receipts through: 8-31-2025	4,110,903.37						
	TOTAL BALANCE & RECEIPTS	5,973,530.00						
	Outstanding warrants 8-31-2024	63,325.30						
	Warrants issued through: 8-31-2025	3,389,044.46						
	TOTAL WARRANTS	3,452,369.76						
	BALANCE	2,521,160.24						
	Balance in District Treasury	2,727,273.82 *						
	Outstanding warrants	206,113.58						
	BALANCE	2,521,160.24						

[1] these numbers here match column F in the 2022-2023 Data Enrollment sheet

		11/1/2024	Board Meeting Mileage Sheet								
DATE											
PURCHASED	YEAR	TRADE NAME	STYLE	NUMBER	BODY TYPE	CAPACITY	VEHICLE ID#	CYLINDERS	COST	LICENSE #	MILEAGE
11/19/2007	2007	FORD	VAN	WHITE	ECONOLINE	10	1FBNE31L27DA62220	8	19549	53028	202184
1/4/2008	2007	CHEVY	VAN	TAN	ES UPLANDER	7	GNDV23107D159355	6	15570	51495	182207
6/26/2018	2013	FORD	PICKUP	RED	F150	5	1FTFW1EF1DKF26059	8	21000	58436	144581
7/20/2009	2008	CHEVY	VAN	WHITE	UPLANDER LS	7	GNDV23118D104608	6	15926	55997	170187
7/22/2009	2008	CHEVY	VAN	RED	UPLANDER LS	7	GNDV23128D130117	6	15926	51678	194909
8/17/2009	2001	CHEVY	VAN	WHITE	EXPRESS	2	1GCHG35R111152386	6	9014	51494	113371
9/23/2009	2009	FORD	VAN	WHITE	ECONOLINE	10	1FBNE31LX9DA54328	6	22249	53021	91780
11/16/2012	2011	DODGE VAN	VAN	SILVER	GRAND CARAVAN	5	2D4RN3DG9BR628362	6	17500	56540	178120
12/17/2021	2016	CHEVY	SPED BUS	YELLOW	MICRO BIRD	13	1GB3G3BG5F1127886	8		60892	80455
4/25/2022	2014	DODGE VAN	VAN	NAVY	GRAND CARAVAN	6	2C4RDGBG4ER353286	6		60384	96121
6/2022	2019	DODGE VAN (SPED)	VAN	WHITE	GRAND CARAVAN	6	2C4RDGBG6HR735999	6		60884	41092
5/2022	2013	CHEVY VAN	VAN	WHITE	EXPRESS	10	1GAWGPFA7D1176079	6		60382	37921
12/2022	2019	DODGE VAN (Activity)	VAN	WHITE	GRAND CARAVAN	6	2C4RDGEG1KR739509	6		60890	86824
11/1/2023	2021	NISSAN VAN	VAN	SILVER		10	5BZAF0AA8MN850607	6		60902	66703
11/2023	2023	CHEVY	TRUCK	WHITE	2500 HD	3	1GC0YLE70PF209343	8		60898	15227
12/2023	2023	FORD	VAN	WHITE	TRANSIT	10	1FBAX2C89PKB95953	8		62998	5032
7/2024	2023	FORD	SUV	BLACK	EXPEDITION	6		8		68001	4023
7/2024	2019	DODGE VAN	VAN	DARK GRAY	GRAND CARAVAN	6		6		56539	70037

**NCPS Board of Education Report
Northside Elementary
November 13, 2023**

Strategies for 1 - High-Quality Instruction and Learning Expectations: Programs, Experiences, and Approaches

- We had our first PBIS store on October 30. Students were able to “spend” their apple tickets they have been earning for being safe, respectful, and responsible at the store. Thank you Mrs Lee for organizing and running the store, and our Nebraska City High School students who helped run the store!



- K-5 teachers, through their work with Dr Gossman at ESU 4, reviewed the work done for our math adoption last year, and learned new strategies to aid in student discourse.
- During our November 4 staff development day, teachers analyzed grade-level behavior data to examine current supports we have in place for individual students, classes, and grade-levels.

Strategies for 2 - Culture, Connectedness, and Personnel Effectiveness: Expectations, Development, and Excellence

- We held our annual PTO sponsored boosterthon fundraiser October 25. Students had fun running with their classmates and teachers.



Strategies for 3 - Whole Child Focused Learning; Curriculum, Instruction, Programs, Experience, and Approaches

- Book besties will be visiting November 12. The program allows volunteers to read a book to each class, and share copies of books and resources with each student.
- We held our first applealooze October 19 to celebrate our students being safe, respectful, and responsible. We drew apple tickets to choose who got to play a rock, paper, scissors game against our teachers.



Strategies for 4 - Communication and Stakeholder Engagement;

Communication, Engagement, and Transparency



- We held our Halloween Parade October 31 at 2:15 at Northside. Parents were able to see their student's walk with their class and show off their costumes.
- Teachers held Halloween parties in their classrooms to celebrate. Students ate snacks and played games

Strategies for 5 - District Resources; Budget, Facilities, and Staffing

- Maintenance has been working to replace emergency lighting throughout the building.

Hayward Board Report

Nov. 11, 2024

Guiding Principle 1	High Quality Instruction and Learning Expectations
	<p>Nov. 4th Teacher Inservice</p> <ul style="list-style-type: none">● Hayward<ul style="list-style-type: none">○ NSCAS Item Sampler & TOS○ Curriculum Assessments● District<ul style="list-style-type: none">○ ELA Adoption○ Math Acceleration
Guiding Principle 2	Culture, Connectedness, and Personnel Effectiveness; Expectations, Development, and Excellence
	<p>PJ Celebration 10-30-24</p> <ul style="list-style-type: none">● HW Heroes- Jesus Pedraza & Natalia Flores● Respect is our Col. Character focus for November● Lunchroom Expectations is our behavior focus <p>Pioneers on the Run- PTO Fundraiser</p> <ul style="list-style-type: none">● Goal \$25,000● Raised \$● Principal Slimed  
Guiding Principle 3	Whole Child Focused Learning; Curriculum, Instruction, Programs, Experience, and Approaches
	<p>Attendance</p> <ul style="list-style-type: none">● 124 Students received the October Monthly Perfect Attendance Award● 3 Students won the \$25 Family Gift Card<ul style="list-style-type: none">○ Jason Drewes, Brinley Creek & Ryder Arthur

Guiding Principle 4	Communication and Stakeholder Engagement; Communication, Engagement, and Transparency		
Guiding Principle 5	District Resources; Budget, Facilities, and Staffing		
	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p style="text-align: center;">August</p> <ul style="list-style-type: none"> ○ 3rd= 106 ○ 4th= 110 ○ 5th= 114 <p style="text-align: center;">Total= 330</p> </td> <td style="width: 50%; vertical-align: top;"> <p style="text-align: center;">Nov.</p> <p style="text-align: center;">3rd= 105</p> <p style="text-align: center;">4th= 113</p> <p style="text-align: center;">5th= 112</p> <p style="text-align: center;">Total= 330</p> </td> </tr> </table>	<p style="text-align: center;">August</p> <ul style="list-style-type: none"> ○ 3rd= 106 ○ 4th= 110 ○ 5th= 114 <p style="text-align: center;">Total= 330</p>	<p style="text-align: center;">Nov.</p> <p style="text-align: center;">3rd= 105</p> <p style="text-align: center;">4th= 113</p> <p style="text-align: center;">5th= 112</p> <p style="text-align: center;">Total= 330</p>
<p style="text-align: center;">August</p> <ul style="list-style-type: none"> ○ 3rd= 106 ○ 4th= 110 ○ 5th= 114 <p style="text-align: center;">Total= 330</p>	<p style="text-align: center;">Nov.</p> <p style="text-align: center;">3rd= 105</p> <p style="text-align: center;">4th= 113</p> <p style="text-align: center;">5th= 112</p> <p style="text-align: center;">Total= 330</p>		

NCPS Board of Education Report Nebraska City Middle School November 11th, 2024

Strategies for 1 - High-Quality Instruction and Learning Expectations; Programs, Experiences, and Approaches

- Mrs. Weaver's class has been utilizing the famous Edgar Allen Poe poem *The Raven* leading up to Halloween. Students could be heard rehearsing the poem in class and at lunch each day. It brought a fun and academic atmosphere to the school.
- Students can earn positive referrals from teachers based on following the Pioneer Way. Students are recognized Fridays during Lunch and earn house points. So far this school year, 162 students have been recognized at least once for the positive impact on the building.



Strategies for 2 - Culture, Connectedness, and Personnel Effectiveness; Expectations, Development, and Excellence

- NCMS students continue to be celebrated every other Friday for Honors Homeroom. Students with 1s and 2s, no missing assignments, and no office referrals get to spend Homeroom being rewarded with snacks, games, and other fun activities. Nearly 80 students participated on November 8th.
- Over the last month, the NCMS staff conducted professional development around our assessment. Teachers worked within the leadership and grade-level teams to review our assessment process as it relates to future success on the NSCAS state-wide assessments. Teams discussed and collaborated on test-taking strategies, environment, and feedback.

Strategies for 3 - Whole Child Focused Learning; Curriculum, Instruction, Programs, Experience, and Approaches

- The MS has conducted hearing, vision, and dental screenings of students to help out with any issues that students may have. This helps prevent issues from affecting the learning of our students.
- On Tuesday, October 22nd, Students attended the ESU4 Leadership Academy in Auburn. Students got to learn about Artificial Intelligence, technology, and its impact on the future of education and the world.

Strategies for 4 - Communication and Stakeholder Engagement; Communication, Engagement, and Transparency

- NJHS will present a breakfast to celebrate and honor Veterans at the Memorial Building on Saturday, November 9th. Over 100 people plan to attend to have breakfast, coffee, and fellowship. The board of the Memorial Building continues to show their appreciation and we hope the event continues to grow each year.
- NCMS will be hosting a Veterans Day program at the MS gym at 9 AM on Monday, November 11th. The 8th grade band will perform, the student council will give a speech, and a speaker is presenting to the student body.

Strategies for 5 - District Resources; Budget, Facilities, and Staffing

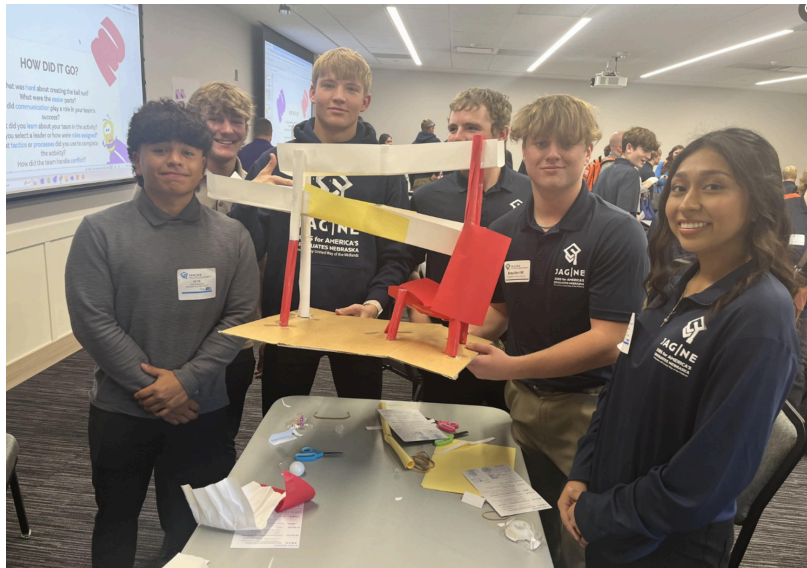
- Current Enrollment (October 14th, 2024):
 - 6th Grade: 86 Students
 - 7th Grade: 93 Students

- 8th Grade: 93 Students
- Total Enrollment: 272 Students (-2 from August 2024 Enrollment)

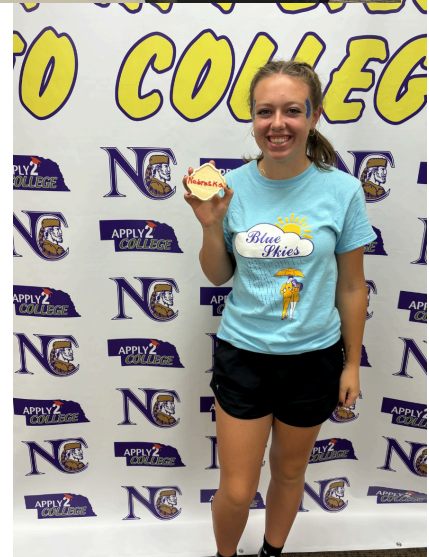
NCPS Board of Education Report High School November 11th, 2024

Strategies for 1 - High Quality Instruction and Learning Expectations; Programs, Experiences, and Approach

- Jobs for America's Graduates (JAG) officers attended a Leadership Development Conference at Creighton University in Omaha this week. Gabriela Rojas, the president; JJ Martinez, the vice president; and Greyson Flash, the secretary, represented JAG at Nebraska City High School impressively, even winning a competition in an activity alongside the Broken Bow JAG students. JAG Officers participated in leadership classes featuring speakers from Creighton University who spoke about the qualities of a good leader.



- NCHS seniors had the opportunity to participate in our Apply2College event. Representatives from local colleges met with seniors and assisted them in completing applications to any college of their choosing. Then, seniors could decorate cookies (provided by Renee Stidd) and receive a gift card. Through this event, over 50 seniors applied to a college yesterday!!
- [Beyond the Bunsen Burner](#) - Quarterly Science Newsletter



Strategies for 2 - Culture, Connectedness, and Personnel Effectiveness; Expectations, Development, and Excellence

- Juniors and Seniors have had an opportunity to visit SECC, Xenon, Bryan College, as well as other institutions over the past month. Thank you Mrs. Howell for arranging these opportunities.

Strategies for 3 - Whole Child Focused Learning; Curriculum, Instruction, Programs, Experience, and Approaches

- The class of 2027 had the opportunity to attend the Connecting the Dots event today, put on by Nebraska 4H/UNL Extension. Students browsed potential career paths, researched what it would take to have those careers as an adult, and even got to talk to community leaders in those fields.



Strategies for 4 - Communication and Stakeholder Engagement; Communication, Engagement, and Transparency

- *High Schoolers Volunteering their time!* Northside Elementary Post - Our very first school store was today. The kids were so excited! I saw kids spend every single ticket they had. I also had a few kids come in and just look because they are saving up for something big! It was so fun! I heard so many kids say, "I'm going to work really hard to earn more apple tickets!" We had 2 groups of high schoolers come and help. I would say it was a huge success!



Strategies for 5 - District Resources; Budget, Facilities, and Staffing

- *Update on Jobs for America's Graduates (JAG) provided by Mrs. Kathleen DeVorss:*
- Students were given a list of topics from which they chose their area of interest for presentations. Students are working on a slideshow presentation related to these topics, each speech to last between 6 to 8 minutes. Students will be graded on the completeness and clarity of their information and their delivery, including eye contact and speaking skills.

Recently, the students created "Boo Bags" for the residents of the Ambassador Nursing Home and personally delivered them. During this experience, they engaged in conversations with the residents, providing a valuable learning opportunity about communication with the elderly. I was impressed by how well the students conducted themselves, and the residents expressed their desire for them to return.

Additionally, the JAG program participated in the Student Safe Trick-or-Treat Night, during which JAG students handed out goody bags to trick-or-treaters. We concluded the week with an academic day, allowing students to catch up on missing assignments.

Looking ahead to next week, students will deliver their speech presentations, visit local businesses, and celebrate their officers. In the upcoming weeks, we will work on financial readiness-learning how to do taxes, students will visit Commercial bank, and learn about interest/credit cards, car loans, and team-building activities. Students continue to complete job shadowing opportunities.

- Students covered the following competencies:
 - Leadership/Self-Development
 - Job Attainment
 - Life Survival
 - Workplace

**NCPS Board of Education Report
Middle School Activities
November 7, 2024
Prepared by Dave Purdham**

**Strategies for 1 - High Quality Instruction and Learning Expectations:
Programs, Experiences, and Approaches**

- **Nebraska City Middle School Girls Wrestling**
 - We are so excited to be able to offer girls wrestling in the late fall/early winter season. This program will be led by Mrs. Vicki Hobbs the head coach of the NCMS Pioneer Girls wrestling program and assistant coaches Dr. Samantha Boyer and Mr. Adam Walters. The team has 24 student-athletes in their first season in the late Fall (used to be offered at the same time as girls basketball so our students had to choose one or the other). The Pioneer wrestling team travels to Ralston on Thursday, November 14, 2024 for their first competition of the season. The Pioneer wrestlers will host their own invitational on Saturday, December 7, 2024 at Nebraska City high school.



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- **Nebraska City Middle School Boys Basketball**
 - The NCMS Pioneer Boys Basketball team is off and running and has upcoming games at Plattsmouth on Monday, November 11, 4:30/5:30/6:30pm and at Malcolm on Thursday, November 14, 4:30/5:30/6:30pm. There are 26

student-athletes participating in boys basketball and 5 managers. They look forward to their season with Coaches Kevin Mohr and Clay Stovall.

- **Trailblazer Conference Honor Band**
 - Congratulations to the following 7th and 8th grade students selected for the Trailblazer Conference middle school honor band to be held on January 20, 2025 at Platteview high school. Students include: Alexis Graham, Brooke Bando, Ellasyn Phillips, Zoe Young, Aiden Howell, Nira Hayes, Sophia Avalos, Lucas Purdham, Kobe Cavanzon, Ryan Harger, Fabian Magana Rodriguez, and Andi Wietzki. Go Pioneers!

Strategies for 2 - Culture, Connectedness, and Personnel Effectiveness; Expectations, Development, and Excellence

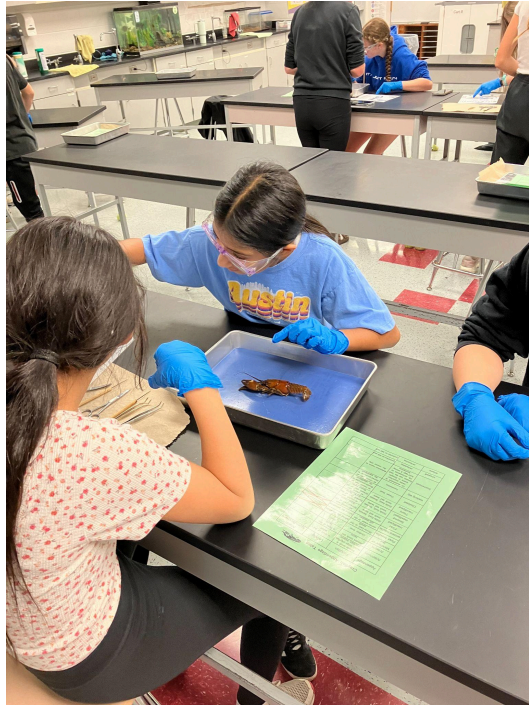
- **Veterans Day 2024**
 - On Saturday, November 9th the NCMS National Junior Honor Society (NJHS) will serve a hot breakfast to all veterans at the Nebraska City Memorial building from 7:30-11am. This breakfast is an ongoing tradition for our NJHS and we appreciate the partnership with the Nebraska City Memorial Building in letting us borrow their space to serve our Veterans again this year.
 - On Monday, November 11th, the Nebraska City Middle School 8th grade band will perform at our annual Veteran's Day program that will be held in the middle school gym at 9am.

Strategies for 3 - Whole Child Focused Learning; Curriculum, Instruction, Programs, Experience, and Approaches

- **Nebraska City Student Council**
 - Student council has had a couple of events over the past few weeks. The first being the Fall Dance for 7th and 8th graders.
- **Nebraska City FFA**
 - The NCMS FFA Program has been active in the last few weeks by attending a live stock judging event in Beatrice, Nebraska. 15 8th graders went to experience the event led by Ms. Knutson.

- **7th Grade Science**

- Mr. Case's 7th Grade science class dissected crawdads in class this week and learned about all of the different anatomy of the animal.





Strategies for 4 - Communication and Stakeholder Engagement; **Communication, Engagement, and Transparency**

- **Thrillshare**
 - We continue to utilize the communication resource Thrillshare to keep our parents/guardians, students/staff and stakeholders informed of the happenings in our building and other district events. This photo was shared from our NCPS website for samples to view. Thrillshare allows messages to be delivered in many different ways: text message, social media post, email, and phone calls to name a few. These messages can be delivered instantly or scheduled in advance to share important information and details.



The MS Weight room will be available on Tuesday, 10/22-Friday 10/25 this week 7-7:30 AM. Thank you for helping to get your students to school for this opportunity! Go Pioneers!

18 DAYS AGO, DAVID PURDHAM



Catch the Pioneer football game tonight on Fairbury's Hudl page. 7pm kickoff, Go Pioneers!!

<https://fan.hudl.com/usa/ne/fairbury/organization/193/fairbury-public-high-school/video>

20 DAYS AGO, DAVID PURDHAM



Good afternoon, Our first quarter choir concert is coming up this Monday, October 21st at 7pm in the middle school gym. This concert is only for 1st quarter choir students! You should have received a letter home from Mrs. Stanek with more details and wanted to remind you once again. Students can arrive dressed and ready to go at 6:30 to warmup and organize in the middle school commons and all visitors can enter through the activities door #13 entrance. Thank you for your support of our Pioneer Music department. We look forward to seeing you on Monday for the concert! Have a great weekend and Go Pioneers!

20 DAYS AGO, DAVID PURDHAM

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Strategies for 5 - District Resources; Budget, Facilities, and Staffing

- **NCMS Concessions and Fundraising Opportunities**
 - NCMS continues to provide student groups and organizations an opportunity to raise money for their activities by running the concession stand at all home events. Organizations can earn a portion of the profits to go toward their programs and activities! We have had the HS Wrestling, Life-Skills, and NC Fine Arts Boosters offer to help and work our events in the next couple of weeks! Thank you to all students and sponsors who help provide our community with snacks for the home events.

NCPS Board of Education Report

High School Activities

October, 2024

Strategies for 1 - High Quality Instruction and Learning Expectations; Programs, Experiences, and Approaches

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Strategies for 2 - Culture, Connectedness, and Personnel Effectiveness; Expectations, Development, and Excellence

- Girls Golf finished the season on a positive note. The team had one of their best days at Districts in Lincoln coming close to qualifying for state as a team. Individually, the Pioneers had the district champion in Isabelle Johnson. She went on to the state tournament where she became only the 2nd Nebraska City girl golfer to earn two state medals by placing 10th!
- Cheer had a very successful football season. The girls are now gearing up for basketball and competition season. We have practices at 6:30 in the morning on Mondays, Wednesdays, and some Fridays as we work around other sports practices and events. We have a choreographer coming to assist us with our competition routines on Saturday and Sunday, November 9 & 10. They are still working on some fundraising to pay for uniforms, competition registration fees, and hopefully some new mats.
- Nebraska City FFA has just started fruit sales and will be done selling on November 18th. Fruit comes in the week of December 16th.

Nebraska City FFA attended the National FFA Convention October 22-25 in Indianapolis, Indiana. While at the National Convention, we collected our Two-Star Gold National Chapter award and completed National Days of Service.

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- Pioneer Cross Country finished the season by sending one runner to the state meet. Jonathan Rico Avalos finished 10th place in the B1 districts to qualify for state and then at state finished 64th out of 89 runners. The team ended the season with all runners running their best times of the year in one of the last two meets. The Pioneers will look to build on these successes with increased recruiting efforts at both the middle school and high school and increased summer presence and mileage.
- The band program ended our marching season with straight superiors and a season-high score at our state marching competition! Students have quickly transitioned to concert band preparing for the Veteran's Day program on Monday at the high school and Hayward Elementary. We are also getting ready for our Winter Concert on December 8 and several students are active in auditioning and participating in area honor bands. We had six students selected to the Doane University's Fall Festival of Winds that took place on November 2nd: Alex Meyer (alto saxophone) and Manioz Turquiz (horn) in the Festival Band and Lizzie Ely (flute), Ryan Walker (alto saxophone), Jayden Bailey (trumpet), and Stella Young (trombone) in the Honor Band. It was a successful and fun day of music making that culminated in an exciting final performance!
- Pioneer Boys' Tennis finished their season at state without a victory. Four Seniors played their final matches. Cutler Adams, Maverick Weninger, Gavin Koberstein, & Rush Chipman. All four of these gentlemen had great careers for the Pioneers.
- One-Act is coming up on our performances. We have nearly 50 students participating this year. This year we opted to do a competition and noncompetition version of the play. This format gives more students an opportunity to get on stage earlier in their time at NCHS. Our home performances are November 15th and 16th. Our first competition will be at Beatrice High School on November 18th. Districts will be December 4th at Fairbury High School. We are excited to show off our play production!
- The Pioneer Speech Team has just started practices for the season and is looking forward to great things. We have a talented group of students getting involved in creating some competition pieces that look like they have the potential to be fantastic. We are looking forward to our first two meets coming up in December.
- FCCLA will be hosting their annual Tour of Homes on Saturday, December 8. Tickets will go on sale November 18. Multiple students will be attending the District Leadership Conference later this semester. Many students are working on STAR projects to present at districts in January.
- The 2024/2025 varsity club has 40 plus members this year. These members just finished up selling the 24/25 varsity discount cards. Money raised this year will assist with parts of the weight room renovation, as well as provide scholarships to the class of 2025 varsity club members.
- Pioneer Baseball will have a meeting in the near future to get students signed up for the 2025 spring season. We are excited about the season and anticipate having at least 40

participants from Nebraska City, LCC, JB, and JCC. We will look to begin our winter workouts in the coming months as well to help prepare for the upcoming season.

- Volleyball's 2024 season has come to an end. Though our record didn't show our growth the players battled till the very end. Holly Lechner and Ivey Dostal played their last high school game against Wavery High School and Waverly ended up winning the B4 District.

We have several girls who are going to continue their volleyball career by playing this winter in the club season. This spring our team will hold a youth camp & tournament fundraiser and will begin our own spring/summer training.

With the commitment of the girls in the summer months we will be working hard to change our record next season! I know their hard work and commitment to the sport will pay off!

We are looking forward to next year!

- Pioneer softball wrapped up our season with an appearance in the NSAA District 6 final losing to Gretna East 2 games to 1. We finished the season with a 27-6 record that included several team and individual records being broken. We held a team celebration on Saturday November 2nd at Pin High with a great turnout of players and family. We will begin off-season workouts soon and look forward to the process of getting our kids ready for next season.
- The Nebraska City Choral Department held their first successful concert of the year on Monday, October 28. The Expressions show choir participated in the Peru State College Contemporary Music Festival on Thursday October 24. We also had one student selected by audition to the 2024 Nebraska All-State Choir - Robin Stanek.
- Unified Bowling Season is underway and already in full swing! We have a record breaking attendance with 45 students signed up to bowl which equates to 8 full teams (we had 5 last year). There is a large variety of grades levels 9-12 participating this year which will create depth for the years to come. Our first dual is tomorrow Nov. 7 at Arbor Lanes vs Ralston at 3:30pm, we will have 4 teams competing . We will participate in the Trailblazer Conference Tournament on Monday Nov. 11 @ Wahoo starting at 1:00pm with our top team competing, and we have another meet on Tuesday, Nov. 12 vs. Multiple teams at Arbor Lanes (Syracuse home dual) with top 2 teams competing. We will be having practices on Thursdays during 5th hour at Arbor Lanes from 12-1pm.

Strategies for 3 - Whole Child Focused Learning; Curriculum, Instruction, Programs, Experience, and Approaches

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Strategies for 4 - Communication and Stakeholder Engagement; Communication, Engagement, and Transparency

Strategies for 5 - District Resources; Budget, Facilities, and Staffing

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3017
Official Communication with the Public

Only individuals who have prior administrative approval may issue press releases or other official communications regarding school-related activities and events in furtherance of the individual's official responsibilities. The superintendent may delegate responsibility for communicating with the media to building principals, the activities director, event sponsors, and other staff on an ad hoc basis.

Adopted on: November 14, 2016

Revised on: June 10, 2024

Reviewed on: April 11, 2022

3032 Fees for School District Records

Requests for copies of school district records shall be subject to applicable copying fees. No fee shall be charged for providing a copy of a student or public record if a specific law or regulation requires the copy to be provided without charge.

Student Records. Students and their parents or guardians shall not be charged any fee to inspect and review the student's files or records. Students and their parents or guardians who desire a copy of the student's files or records shall pay the reasonable cost of reproduction as follows:

- Black and white letter or legal-sized photocopies: No charge for the first 25 copies; 10 cents for each copied page thereafter.
- Computer data printouts: No charge for the first 25 pages; 10 cents for each page thereafter.
- Other medium: Actual cost of reproduction.
- Postage fees: Actual cost

Students and their parents or guardians **shall not be charged any fee:**

- To search for or retrieve any student's files or records.
- For a copy of a student's Individualized Education Plan (IEP).
- For copy of the special education evaluation report and the documentation of determination of eligibility for special education services upon completion of the administration of assessments and other evaluation measures.
- If the fee effectively prevents the parents from exercising their right to inspect and review student records.

Student Records – Transfer School. A copy of the student's files or records, including academic material and any disciplinary material relating to any suspension or expulsion shall be provided at no charge, upon request, to any public or private school to which the student transfers.

Public Records. Individuals requesting copies of public records shall pay the actual added cost of making the copies available.

- For photocopies, actual added costs may include a reasonably apportioned cost of the supplies, such as paper, toner, other equipment used in preparing the copies, and any additional payment obligation for the time of contractors necessarily incurred to comply with the copy request.

- For printouts of computerized data on paper, actual added cost may include computer run time and the cost of materials for making the copy.
- For electronic data, the actual added cost may include the reasonably calculated actual added cost of the computer run time, any necessary analysis and programming, and production of a report in the form furnished to the requester.
- For residents of Nebraska, the actual added cost shall not include any charge for the existing salary or pay obligation to public officers or employees for the first eight hours of searching, identifying, physically redacting, or copying records, but fees may be charged after the first eight hours. The fee for records shall not include any charge for the services of an attorney or any other person to review the requested public records seeking a legal basis to withhold the public records from the public. No special service charge or fee shall be charged for copies of blank forms or pages that have all meaningful information redacted.
- For nonresidents of Nebraska, the actual added cost used as the basis for the calculation of a fee for records may include a charge for the proportion of the existing salary or pay obligation to the public officers or employees, including a proportional charge for the services of an attorney to review the requested public records, for the time spent searching, identifying, physically redacting, copying, or reviewing such records.
- The district shall not charge any fee for copies of public records that is prohibited by law but reserves the right to charge any other fee allowed by law.

The fee schedule for public records copies is as follows:

- Black and white letter or legal-sized photocopies: No charge for the first 10 copies; 25 cents for each copied page thereafter.
- Computer data printouts: No charge for the first 10 pages; 25 cents for each page thereafter.
- Other medium: Actual cost of reproduction.
- Postage fees: Actual cost

Deposit. The school district may require a deposit before providing copies of student or public records if the estimated cost to fulfill the request exceeds fifty dollars.

Waiver. Documents may be furnished without charge or at a reduced charge where the district determines that waiver or reduction is in the public interest.

Adopted on: November 14, 2016

Revised on: June 10, 2024

Reviewed on: April 11, 2022

3041

Crisis Team Duties

The crisis team is responsible for planning for the safety and security of the school, staff, and students. The teams will respond to and manage any safety or security incident that occurs in the school setting or which has the potential to disrupt the orderly operation of the school system.

1. Membership on and Chair of Team

The superintendent will appoint members to serve on the crisis team.

If the superintendent does not serve on the crisis team personally, he/she shall appoint an individual to serve as the chair of the crisis team. The chair of the crisis team shall have the responsibility of scheduling crisis team meetings, documenting crisis team actions and reporting to the board at least annually on the district's All-Hazard School Safety Plan and other activities of the crisis team.

2. Meetings of the Crisis Team

The crisis team will meet at least twice annually with representatives from local law enforcement and local fire and rescue personnel. At these meetings, the team will coordinate with local agencies to prepare for and communicate about a variety of real world scenarios.

The crisis team will meet at such additional times as necessary to fulfill the duties given to it pursuant to this policy.

3. School Self-Assessment

The crisis team shall conduct the self-assessment created by the Nebraska Department of Education as part of its School Safety and Security Standards. This assessment shall be conducted for each school building. The team shall report the results of this self-assessment to the superintendent and to the board of education.

Either the superintendent or the chair of the safety committee will also report the results of the self-assessment to the Nebraska Department of Education.

4. All-Hazard School Safety Plan

The crisis team will create an All-Hazard School Safety Plan. The plan must be customized to the needs of each of the school district's buildings. The plan must include all of the components required by the School Safety and Security Standards adopted by the Nebraska Department of Education, and shall meet at least the minimum indicators set by those Standards.

The crisis team shall share a copy of the district's All-Hazard School Safety Plan with local authorities and first responders.

The chair of the crisis team shall provide a copy of the district's All-Hazard School Safety Plan to the NDE Security Assessor at least one-week prior to the assessor's scheduled visit to the district.

5. Standard Response Protocol (SRP)

Crisis team shall be knowledgeable about the Standard Response Protocol promoted by the "I love u guys" Foundation.

The crisis team will coordinate with members of the administrative team to arrange for all students, employees and other individuals who routinely use the district's facilities to receive SRP training and guidance.

The crisis team will assess the need for SRP to be implemented at off campus locations where students may be present for school activities.

The crisis team will confer with individuals knowledgeable about students, staff or patrons who may have special needs in order for those individuals to be able to understand and implement the SRP.

6. Consultation With Building Principals

The crisis team shall confer with the principal of each building within the district to ensure that visible signage is present in each building which meets the needs of local emergency responders

The crisis team will review the utility of non-required drills in light of the needs and unique circumstances present within each building within the district. Non-required drills recommended by NDE include lock-down, lock out, evacuation, shelter and reunification process. The crisis team will consult with building principals to review both required and non-required drills.

7. Consultation with Threat Assessment Team

The crisis team will consult with members of the threat assessment team to determine if the district's All-Hazard School Safety Plan has been appropriately implemented and if it should be modified or updated.

8. Review of Training

The crisis team shall review the training which the school system provides for specified employees in required areas to comply with local, state, and federal regulations.

The crisis team shall also review any non-required training which could be provided to appropriate staff to increase the safety and security of the school district and its students, staff and patrons. If the team believes such non-required training would be beneficial, it shall recommend to the superintendent that the training be provided to the identified staff member at district expense.

9. Communication with School Community and Stakeholders

The crisis team will work continuously to improve communication with the school community and relevant stakeholders. This communication shall include, but not be limited to, the communication strategies and protocols identified in the district's All-Hazard School Safety Plan.

10. Communication with the Board of Education

The crisis team will report to the board at least annually on its activities. This report may be included as part of the superintendent's report at a regular board meeting.

Adopted on: November 14, 2016

Revised on:

Reviewed on: April 11, 2022

4070
EARLY VOLUNTARY SEPARATION PROGRAM

A. PURPOSE

The Early Voluntary Separation Program ("Program") is intended to benefit qualified certificated teachers who are considering retirement. The Program's objectives include, but are not limited to, the following:

1. Offering financial incentives which will assist long-term teachers who are considering retirement;
2. Reducing costs to the school district by replacing maximum salaried teachers with lesser salaried teachers; and
3. Providing a balance of teacher experience.

B. QUALIFICATIONS

1. Certificated Teachers. To participate in the Program, a person must be a certificated teacher and be employed by the School District in a capacity which requires such certification, and meet eligibility requirements as set forth in this section.

Administrators are not eligible for the Program. For the purposes of this policy, certificated teacher means a certificated employee who is regularly employed for the instruction of pupils in the school district. Certificated teachers include classroom teachers, guidance counselors, media specialists, school psychologists, therapists and speech pathologists. For the purposes of this policy, administrator means any certificated employee such as the superintendent, assistant superintendent, principal, assistant principal, school nurse, or other supervisory or administrative personnel who do not have as a primary duty the instruction of pupils in the school district.

2. Full-Time Equivalency. Certificated teachers who are employed 1.0 full-time equivalency (FTE) in a teaching position that requires a certificate from the Nebraska Department of Education may participate in the Program.

3. Minimum Age and Years of Service. To be eligible for this Program, a certificated teacher must: (a) be fifty-five (55) years of age on or before August 31st after the school year of application; (b) have completed twenty (20) total years of continuous, credited service in the employment of the School District; (c) be within the first four (4) years of eligibility based on the age and years of service requirements (see Section H); and (d) meet any other criteria established by the board of education at the regular December meeting. Credited service shall be defined as continuous employment with the school district as a 1.0 FTE certificated teacher through the employee's last

year of service in a teaching position that requires a certificate from the Nebraska Department of Education. Board-approved leave for military service, for a sabbatical or for a leave of absence, or any leave required to be granted according to law, shall not be included as credited years of service. In determining years of credited service with the district for the purpose of meeting the eligibility requirement of twenty (20) total years of service, less than full-time employment would reduce the teacher's full-time equivalent employment for a school year.

C. ENROLLMENT REQUIREMENTS

1. Resignation. Participants in the Program will resign their positions with the school district effective at the close of the school year in consideration for the benefits outlined in Section D below.

2. Application. A certificated teacher must submit a signed Application and Agreement form to the board of education on or before February 1st of the certificated teacher's last intended school year of employment. The superintendent shall review the certificated teacher's record to determine whether the certificated teacher is eligible for the Program. The Board will notify the applicant on or before March 20th of its action on his or her application.

3. Certificated Teacher's Ineligibility. A certificated teacher who has received written notice of possible contract termination or cancellation shall not be eligible to participate in this Program unless (1) the notice of termination or cancellation is withdrawn by the administration, or (2) after a hearing before the board of education, the board determines that said certificated teacher's employment should not be canceled or terminated. Certificated teachers who are receiving or who have applied to receive long-term disability benefits are also not eligible to participate in the Program.

D. BENEFITS

1. Calculation of Benefits: The total benefit to be paid under this Program shall not exceed \$35,000.

2. Payment of Benefit. The benefit shall be paid in two (2) equal payments unless Medicare eligibility requires an accelerated payment. The first payment shall be made in September of the calendar year of the certificated teacher's resignation, with the remaining payments made in September of the following calendar year. The District will pay the benefit to a non-elective 403(b) fixed annuity. All payments shall be paid within five years after the voluntary termination of employment or prior to the certificated teacher becoming eligible for Medicare, whichever occurs first.

3. Limitation on Payment. The board of education shall, in its sole and unfettered discretion, determine whether to budget and fund any Early Voluntary Separation Program payments in a particular year, and shall determine the total amount of such payments, if any, that will be made available for such payments.

4. Source of Funds. The school district shall pay the entire cost of the plan.

5. Administration of Program. This Program shall be administered by the board of education by and through the administration of the school district.

6. Beneficiary Designation. In order for the application to be considered complete, a beneficiary must be designated.

7. Income Tax Consequences. Payments pursuant to this plan have been determined to be taxable income for state and federal income tax purposes, and will be treated as such. The school district will withhold such sums as are required by law, and payments will be reported as a taxable income.

8. COBRA Rights. A separating certificated teacher will have the opportunity to continue health insurance benefits as may be permitted by the provisions of the Comprehensive Omnibus Budget Reconciliation Act or other applicable law. The certificated teacher shall be responsible for any payments required to participate in the COBRA program.

E. ADMINISTRATION OF PROGRAM

Application and Waiver. A certificated teacher who elects to participate in the Program, and the school district, through its board of education, shall execute the Application and Agreement, Exhibit "A" attached hereto. That Application and Agreement shall inform the certificated teacher that the Voluntary Separation Program is totally voluntary in nature and provides each certificated teacher at least twenty-one (21) days to consider the ramifications of participation in the Program before making a decision. An certificated teacher may waive the twenty-one (21) day consideration period. The Application and Agreement shall also include a specific Waiver and Release of Claims of the participants' rights under the Age Discrimination and Employment Act (ADEA), 29 USC § 621-63 and the Act Prohibiting Unjust Discrimination in Employment Because of Age, NEB. REV. STAT. § 48-1001 *et seq.*, the Employee Separation Income Security Act of 1974 (ERISA), 29 USC § 1001 *et seq.*, and all other state and federal constitutions, statutes and

regulations that relate to the validity of the Program, and allows the employee to revoke the Release or Waiver at any time within seven (7) days after submitting the Application and Agreement, and advises the employee to consult with an attorney before signing the Application and Agreement.

A certificated teacher who submits an application to participate in the Program may withdraw the application within seven (7) days after submitting it, but not afterward without the written consent of the board of education. Each application will be reviewed on an individual basis. The board shall, in its sole discretion, determine the number of applications to be approved in any given year. If the Board receives more applications for voluntary separation than it approves, the Board shall approve the applications as follows:

- a. The Board will approve the application of the certificated teacher whose salary is higher.
- b. If the salaries of those involved are exactly the same, the Board will approve the application of the certificated teacher who first signed and returned his or her employment contract for the then current contract year.
- c. If the salaries and signing dates of those involved are exactly the same, the Board will approve the application of the certificated teacher which was submitted earlier.

A certificated teacher's application to participate in the Program is in itself not a resignation of a contract with the School District. However, the Board's approval of a certificated teacher's application will be considered the approval of the certificated teacher's voluntary resignation and termination of the certificated teacher's continuing contract. If the Board does not approve an certificated teacher's application, the certificated teacher's contract will continue in effect, and the certificated teacher will remain an employee by the School District unless he or she otherwise resigns or his or her contract is terminated for just cause.

F. TERM OF PROGRAM

This policy shall generally be reviewed annually and its availability terminated at any time at the Board's sole discretion. The Board will generally determine no later than its regular December meeting the number of early retirement applications that will be accepted in the then current school year and any other eligibility limitations or requirements (such as building or department requirements). In the event that no such determination is made, the program will not be available for that school year. This Program shall be offered only to eligible certificated teachers as defined herein, who satisfy the Program

requirements prior to the applicable deadline, and who submit an Application and Agreement prior to the applicable deadline.

G. LIMITATIONS OF APPLICATIONS

The Board reserves the right to limit the number of voluntary separation applications granted during any single school year if the number of requests results in separation payments that exceed budget constraints and/or if multiple requests from certificated teachers within a single department could, in the opinion of the school administration, result in the excessive loss of continuity of instruction and effectiveness of that department. If multiple certificated teachers from the same department submit requests in the same school year, the priority of applicants granted will be determined in accordance with paragraph E.

H. ELIGIBILITY WINDOW

The “eligibility window” requirement shall be administered as follows:

- For the program approved by the Board of Education on December 14, 2020 meeting: Certificated teachers who are employed by the school district as of the date of program approval, who are at least 55 years of age on or before August 31, 2021, and who have 20 years of continuous, credited service (or will have upon the completion of the 2020-21 school year), and meet all other eligibility or other requirements of the program shall be eligible to apply for the Program until February 1, 2024.
- For the program approved by the Board of Education on December 13, 2021 meeting: Certificated teachers who are employed by the school district as of the date of program approval, who are at least 55 years of age on or before August 31, 2022, and who have 20 years of continuous, credited service (or will have upon the completion of the 2021-22 school year), and meet all other eligibility or other requirements of the program shall be eligible to apply for the Program until February 1, 2025.
- For the program approved by the Board of Education on December 12, 2022 meeting: Certificated teachers who are employed by the school district as of the date of program approval, who are at least 55 years of age on or before August 31, 2023, and who have 20 years of continuous, credited service (or will have upon the completion of the 2022-23 school

year), and meet all other eligibility or other requirements of the program shall be eligible to apply for the Program until February 1, 2026.

- For the program approved by the Board of Education on December 11, 2023 meeting: Certificated teachers who are employed by the school district as of the date of program approval, who are at least 55 years of age on or before August 31, 2024, and who have 20 years of continuous, credited service (or will have upon the completion of the 2023-24 school year), and meet all other eligibility or other requirements of the program shall be eligible to apply for the Program until February 1, 2027.

I. MODIFY OR SUSPEND

The Board of Education reserves the right to modify the various requirements, provisions, definitions, conditions, limitations, and benefits associated with this Program, or to suspend the Program. Separated certificated teachers participating in the Program will be governed by the requirements, provisions, definitions, conditions, limitations, and benefits of the Program that exist at the time of their approval by the Board to participate in the Program.

Approved: December 9, 2019

Reviewed:

Revised: December 14, 2020; December 13, 2021; December 12, 2022;
December 11, 2023; June 10, 2024;

4070.R1
EARLY VOLUNTARY SEPARATION PROGRAM
APPLICATION AND AGREEMENT

This Agreement is made this _____ day of _____, 20____,
between Nebraska City Public Schools (School District) and
_____ (Certificated Teacher).

RECITALS

1. The School District has established an Early Voluntary Separation Program (hereinafter referred to as the "Program") for the purpose of rewarding eligible certificated teachers who are considering early separation or retirement in their employment plans;
2. Certificated Teacher desires to participate voluntarily in the Program;
3. Certificated Teacher has a full-time equivalency of 1.0 for the current school year;
4. Certificated Teacher has completed at least 20 consecutive years of credited service in the employment of the School District;
5. Certificated Teacher is now 55 years of age or will be prior to August 31st after the school year of application (i.e. August 31, 2020 of the 2019-20 school year); and
6. Certificated Teacher has met all other eligibility and all other requirements for the Program pursuant to policy 4070-Early Voluntary Separation Program.

TERMS OF AGREEMENT

The parties, in consideration of the mutual covenants and stipulations set forth above, hereby agree as follows:

1. INCORPORATION OF BOARD POLICY: This Agreement is made pursuant to policy 4070-Early Voluntary Separation Program of the Board of Education. The provisions of that policy existing at the time this Agreement is signed are incorporated by this reference and made a part of this Agreement.

2. CERTIFICATED TEACHER RESIGNATION: Subject only to the Board of Education's approval of the Certificated Teacher's application to participate in the Program, the Certificated Teacher voluntarily, unconditionally, and irrevocably (1) resigns his/her teaching position with the School District effective at the end of the current school year; (2) waives any and all further notice or action by the Board of Education to terminate the Certificated Teachers continuing contract; and (3) waives any and all rights the Certificated Teacher may have under NEB. REV. STAT. §79-824 to §842, as those statutes now exist or as they may be amended. The Certificated Teacher further authorizes the Board of Education to advertise for and contract with a replacement certificated employee for the Certificated Teacher's position for the next school year. Approval of this Agreement by the Board of Education shall constitute an acceptance of the Certificated Teacher's resignation. The Certificated Teacher agrees that he/she may not be eligible for part-time or full-time employment at the School District if the Board approves Certificated Teachers application to participate in the Program. While the School District may decide to employ the Certificated Teacher in some capacity after retirement, the Certificated Teacher agrees that the School District has no obligation to rehire the Certificated Teacher in any capacity at the School District. NOTE: Returning to work anywhere that participates in the Nebraska Public Employees' Retirement System (NPERS) within 180 days of your retirement may impact your ability to receive payments through NPERS. Please contact NPERS for further information.

3. BENEFITS: In consideration for the Certificated Teacher's resignation set forth in paragraph 2 above, the Certificated Teacher shall receive the following benefits:

(a) **TOTAL AMOUNT OF BENEFITS:** \$35,000.

(b) **PAYMENT OF BENEFITS:** All payments must be paid within five years after the voluntary termination of employment or prior to the employee becoming eligible for Medicare, whichever occurs first. With this understanding, payments shall be made as follows:

Installment 1: \$17,500

Installment 2: \$17,500

The School District shall pay the first installment in September of the calendar year in which the Certificated Teacher resigns, and the second installment shall be paid in September of the following year. The District will pay the benefit to a non-elective 403(b) fixed annuity.

5. BENEFICIARY DESIGNATION: In the event of the Certificated Teacher's death after the effective date of resignation, any sum of money

otherwise due to the Certificated Teacher under the terms of this Agreement will be paid to the following designated beneficiary pursuant to the provisions of this Agreement.

Beneficiary: _____

Address: _____

Social Security Number: _____

6. TAX CONSEQUENCES: Payments provided for under the Program have been determined to be taxable income for state and federal income tax purposes, will be treated as such, and will be reported as taxable retirement pay. The social security percentage and any other required state and federal withholdings will be subtracted from each payment to the participant in the Program.

7. CERTIFICATED TEACHERS VOLUNTARY ACT. The Certificated Teacher acknowledges that he/she has had twenty-one (21) or more days to consider the ramifications of participation in the Program or hereby waives the same; that his/her participation in the Program is voluntary; and that he/she was not coerced in any manner to participate in the Program. The Certificated Teacher acknowledges having been advised in writing by this Agreement to consult an attorney regarding his/her participation in the Program and execution of this Agreement.

8. WAIVER AND RELEASE OF CLAIMS: In consideration of the promises and payments specified in this Agreement, Certificated Teacher releases the School District and its officers, board members, administrators, employees, agents, representatives, successors, and assigns from all claims, demands, and actions, past or present, known or unknown, arising out of and/or related in any way, either directly or indirectly, to his or her employment with the School District, the termination of his or her employment, and/or any actions or occurrences taking place up to and including the date of execution of this Agreement, including but not limited to claims or rights under the Nebraska Wage Payment and Collection Act, Title VII of the Civil Rights Act of 1964, as amended, the Age Discrimination in Employment Act, the Civil Rights Act of 1866 and 1871, or any other Civil Rights Acts as amended, claims or rights under 42 U.S.C. § 1981, through and including 42 U.S.C. § 1988, the Americans with Disabilities Act, § 504 of the Rehabilitation Act, the Family Medical Leave Act of 1993, the Nebraska Act Prohibiting Unjust Discrimination Because of Age, all claims or rights relating to discrimination on the basis of age, race, color, religion, sex,

disability, handicap, or national origin before the federal Equal Employment Opportunity Commission, the Nebraska Equal Opportunity Commission, and any state or federal court under any state or federal constitution, law, rule, or regulation, or claims or rights of whatever nature arising under any other state, federal, or local constitution, executive order, statute, regulation, or ordinance arising from his or her employment or contractual relations with the School District or his or her resignation of employment. Certificated Teacher represents that no claims have now been filed against the School District. Certificated Teacher acknowledges that nothing in this agreement prohibits Employees from filing a Complaint with the Equal Employment Opportunity Commission or any other similar state agency, the Occupational Safety and Health Administration, the Secretary of Labor or otherwise participating in matters pending before those agencies. However, in the event Certificated Teacher files such a charge or complaint, he or she shall be entitled to no relief, no reinstatement, no remuneration, no damages, no back pay, no front pay and no compensation whatsoever from the School District as a result of such charge or complaint, since Certificated Teacher has released and extinguished any right to such relief under this agreement. Certificated Teacher also releases all contract, tort, and common law claims, and claims for attorney's fees, costs and expenses. Certificated Teacher covenants not to institute any complaints or proceedings against the School District or any of the above-mentioned persons in the future with respect to any of the claims, demands, causes of action, or rights hereby released.

The Certificated Teacher understands and acknowledges that, by giving up claims against the School District, he/she also gives up any claims that he/she may have against its predecessors, successors, subsidiaries, and affiliates, and any and all officers, directors, employees, and agents of the School District arising out of any actions, conduct, decisions, behavior, omissions, or events occurring up to the date hereof. Such waiver and release of claims does not cover rights or claims arising after the date of the execution of this contract. This Waiver and Release is given in exchange for consideration in addition to what the Certificated Teacher is already entitled to receive from the School District. The Certificated Teacher acknowledges having been advised in writing to consult with an attorney before signing this Voluntary Early Retirement Incentive Program Agreement. The Certificated Teacher further acknowledges having had sufficient time to decide whether or not to execute this Agreement, including the Waiver and Release of Claims.

9. REVOCATION AND CANCELLATION OF AGREEMENT: The Certificated Teacher may revoke this Agreement for a period of seven (7) days following its execution. In order to revoke the Agreement, the Certificated Teacher must submit a written statement to the Superintendent indicating that he/she is exercising his/her right to cancel the Agreement.

This Agreement shall not become effective or enforceable until the revocation period has expired.

[The Next Page is the Signature Page]



Mark Fritch <mfritch@nebcityps.org>

Supt Evaluation Contract

1 message

Mark Fritch <mfritch@nebcityps.org>

Wed, Oct 30, 2024 at 6:38 AM

To: Carla Zaroban <czaroban@nebcityps.org>

Bcc: Kent Blum <kent.blum@nebcityps.org>, Lisa Chaney <lisa.chaney@nebcityps.org>, Stacie Higgins <stacie.higgins@nebcityps.org>, Brent Shanholtz <brent.shanholtz@nebcityps.org>, Don Loseke <don.loseke@nebcityps.org>, Jeff Frields <jeff.frields@nebcityps.org>, Jim Nemec <jim.nemec@nebcityps.org>, Nick Schmitz <nick.schmitz@nebcityps.org>, Rob Elson <rob.elson@nebcityps.org>

Per Contract - The superintendent must notify the board of education in writing prior to the November board meeting of the Superintendent Evaluation to be an agenda item for the December regular board meeting. Written notice provided via email on October 30, 2024.

--

Mark Fritch

Superintendent
Nebraska City Public Schools
1700 14th Avenue
Nebraska City, NE 68410
Phone: 402-873-6033



3024

External Booster Clubs and Parent-Teacher Organizations

Parent-teacher organizations and booster clubs (collectively, "External Supporting Entities" or "ESE") create good will in the community and strengthen education programs by promoting parental and community involvement with the district. However, the district's involvement in an ESE may result in negative legal and political consequences.

External Supporting Entities. ESEs are separate entities from the district and board. They are independent, not formed under school sponsorship, and should be separately incorporated as Nebraska Nonprofit Organizations or determined to be tax-exempt organizations by the Internal Revenue Service. ESEs include parent-teacher organizations, booster clubs, and any other non-school sponsored or non-student sponsored organizations formed to support the school district and its students.

As a condition of the school district's accepting funds or materials from an ESE and as a condition of an ESE using the school district's name, nickname, logo, or mascot, the ESE shall comply with the following conditions:

1. The ESE shall apply for and receive formal recognition and approval from the board of education.
2. Upon application for recognition and on or before September 1st of each school year after receiving recognition, the ESE shall designate a representative for communicating with and providing true and accurate information to the school district.
3. The ESE treasurer shall handle all funds.
4. Two signatures shall be required on all ESE checks.
5. ESE funds shall be deposited only into ESE-authorized bank accounts.
6. Two individuals shall count all money received by the ESE and provide the treasurer with a signed proceeds receipt.
7. Proof of payment in the form of a sales slip, receipt, or invoice shall be provided for every ESE expenditure.
8. Bank statements shall be reconciled by the ESE treasurer on a monthly basis and reviewed by another individual who does not have check signing authority.
9. A copy of the ESE budget shall be provided to the school district superintendent no later than the first day of each school year.
10. ESE funds shall not be deposited into school district accounts.
11. No school district employee is authorized to sign checks on behalf of the ESE.
12. The ESE shall provide a full and complete accounting of all funds raised as well as a full and complete accounting of all funds

- expended no later than the last day of each school year and upon request at any other time. The ESE shall also provide audited financial records concerning its activities upon request.
13. The ESE shall submit a list of activities planned for the school year to the superintendent, activities director, and liaison no later than the first day of each school year and at least 7 days in advance of any proposed change to the schedule. Each activity must be approved in writing by the superintendent or liaison.
 14. The ESE must obtain prior approval from the [superintendent/school board/school district] before conducting any fundraising activity or grant requests which will be used to support the school or its students and before including any students in a fundraising activity. In no event shall student participation include door-to-door sales.
 15. All ESE donations of equipment, improvements, cash, or any other item shall be in accordance with all applicable laws and shall belong to the school district without restriction.
 16. The ESE shall maintain adequate liability insurance as determined by the school district with the school district named as an additional insured.
 17. All ESE flyers, advertisements, newsletters, announcements, websites, or other written or electronic materials shall include a disclaimer that the ESE is a separate and legally distinct entity from the school district and contact information for the ESE.
 18. The ESE and its members shall comply with all applicable laws and regulations and all school policies.
 19. The ESE shall provide all information requested by the school district for purposes of determining compliance with Title IX of the Educational Amendments of 1972 (Title 20, U.S.C. 1681-1687, *et seq.*) and shall refrain from engaging in any activity which, in the opinion of the school district, adversely affects the school district's ability to comply with Title IX.
 20. The ESE shall provide a list of its members upon request by the school board, superintendent, or liaison.
 21. All ESE actions shall comply with any Nebraska School Activities Association rules, regulations, or bylaws.

Formal Recognition. To receive formal recognition from the board of education, an ESE must:

1. Submit evidence that the ESE is incorporated as a Nebraska Nonprofit Organization or has been determined to be a tax-exempt organization by the Internal Revenue Service
2. Submit to copies of all organizational documents and bylaws to the superintendent.

3. Submit a list of names, address, e-mail address, of all officers, updated annually and upon the occurrence of any changes.
4. Require bonding of the treasurer, and restrict access to banking accounts.
5. Implement the financial policies required by this policy, including, but not limited to, requiring deposits in an FDIC insured bank, proper accounting practices, with a submission of the annual (or more frequent) accounting to the liaison.
6. Submit proof of adequate liability insurance as determined by the school district with the school district named as an additional insured.

The board of education reserves the right to revoke recognition of any ESE at any time and for any reason.

School District Liaison. The board of education or superintendent shall appoint a school district liaison to the ESE after formal recognition.

Use of School District Facilities. ESE use of school district facilities shall be in accordance with school district policies.

Tax Identification Number. An ESE is not permitted to use the district's federal or state tax identification number.

School District Employees. District employees may not participate in an ESE in their capacity as a district employee and may not direct or receive ESE funds for their benefit. Nothing in this paragraph shall prevent a district administrator or liaison employed by the district from attending ESE meetings.

Adopted on: December 12, 2016

Revised on:

Reviewed on: April 11, 2022

Sheet Size: ARCH D (24.0 x 36.00 INCHES)

I:\Projects\241895 (04-Hayward Elementary School Security Improv)\2 Drawings and Supporting Data\2.1 Working Drawings\2.1.1 Architectural Drawings\Revit Model\Hayward-Elementary-Security-Improvements_ARCH_425.rvt



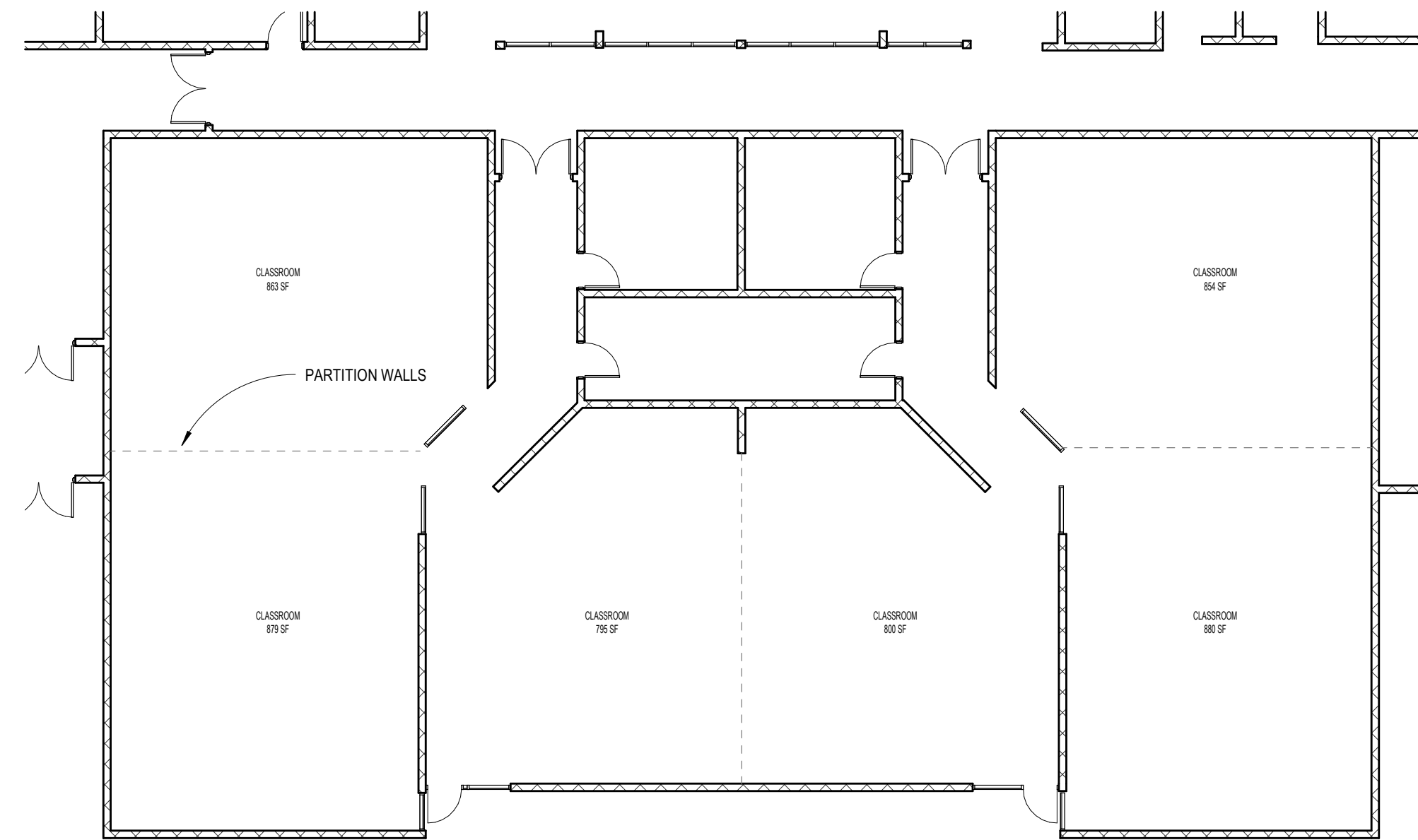
JEO ARCHITECTURE INC

1937 N CHESTNUT ST
WAHOO, NE 68066
800.723.8567 | jeo.com

JEO Architecture, Inc.
Organization Certificate of
Authorization Number: CA-3929

Consultant Title and Discipline
Organization Certificate of
Authorization Number: XX-000
Address
City, State 00000
000-000-0000

PRELIMINARY
NOT FOR
CONSTRUCTION
DATE:
PRELIMINARY
PRELIMINARY



EXISTING FLOOR PLAN
3/32" = 1'-0"

ISSUE

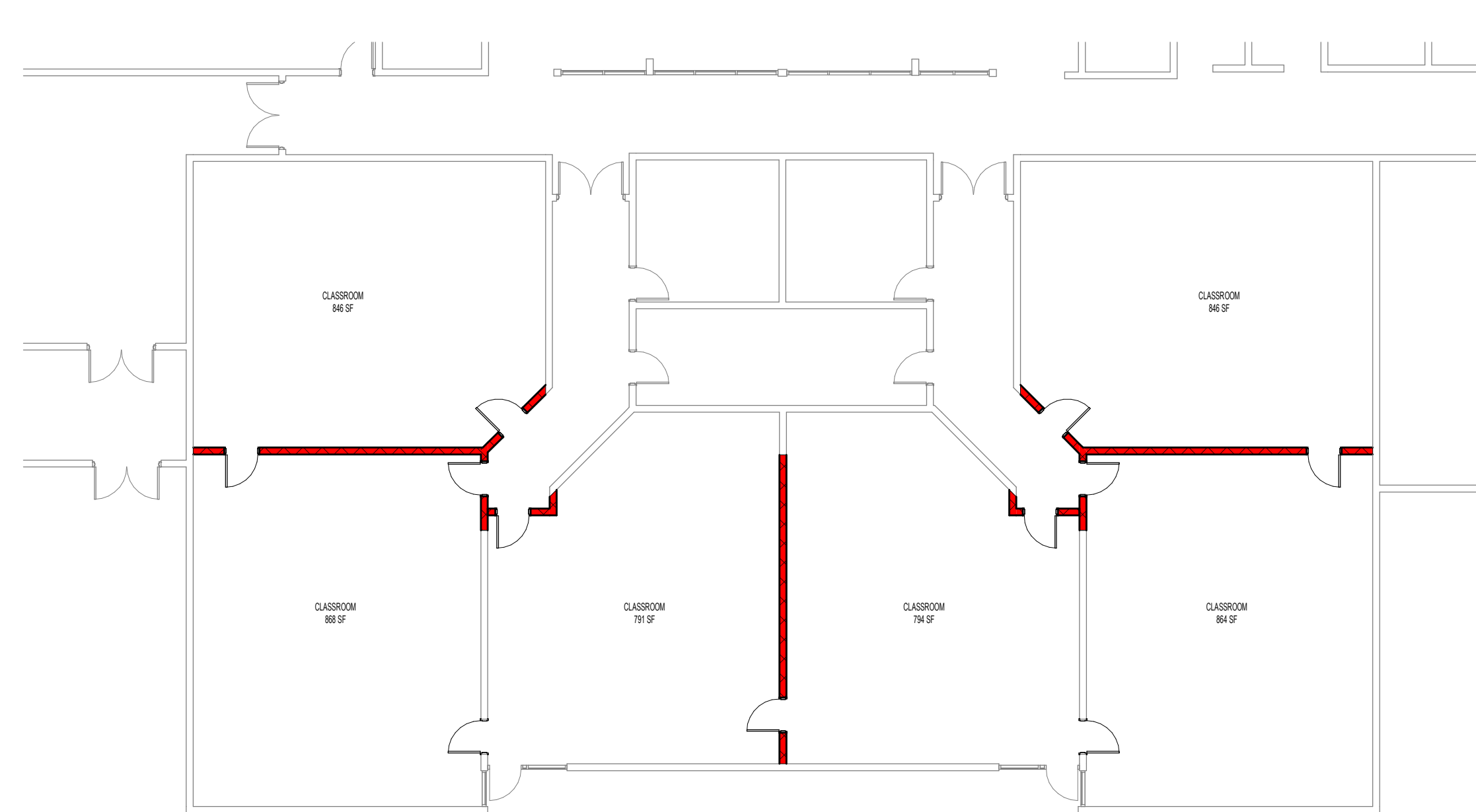
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**HAYWARD ELEMENTARY
SCHOOL SECURITY
IMPROVEMENTS**

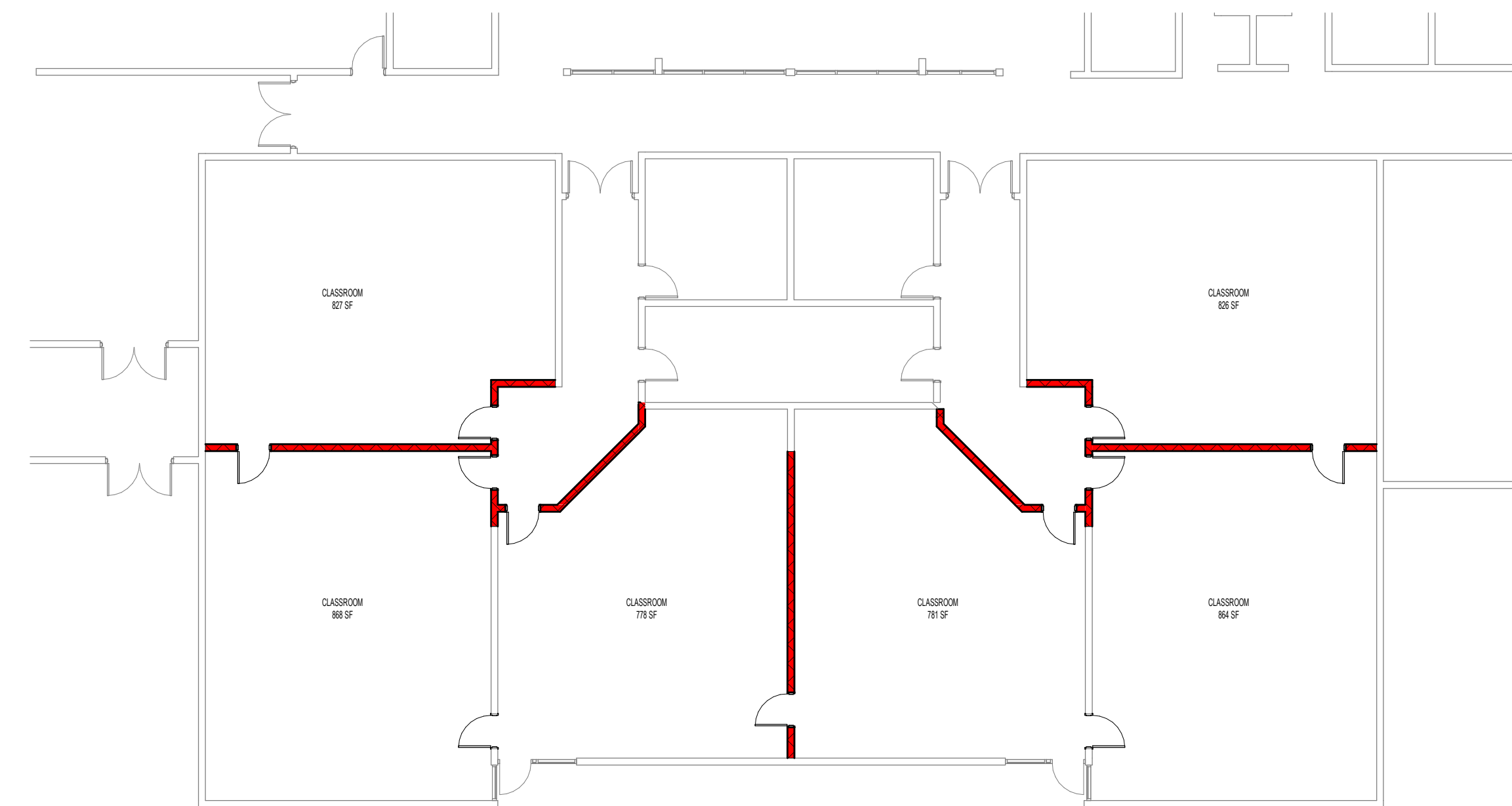
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306 S 14TH ST, NEBRASKA CITY, NE 68410

JEO Project No: 241895.00
Date: 10/10/2024
QAQC: Checker
Drawn By: N F
Additional Data 1:
Additional Data 2:

**ARCHITECTURAL
FLOOR PLAN**



1 OPTION 1
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2 OPTION 2
3/32" = 1'-0"

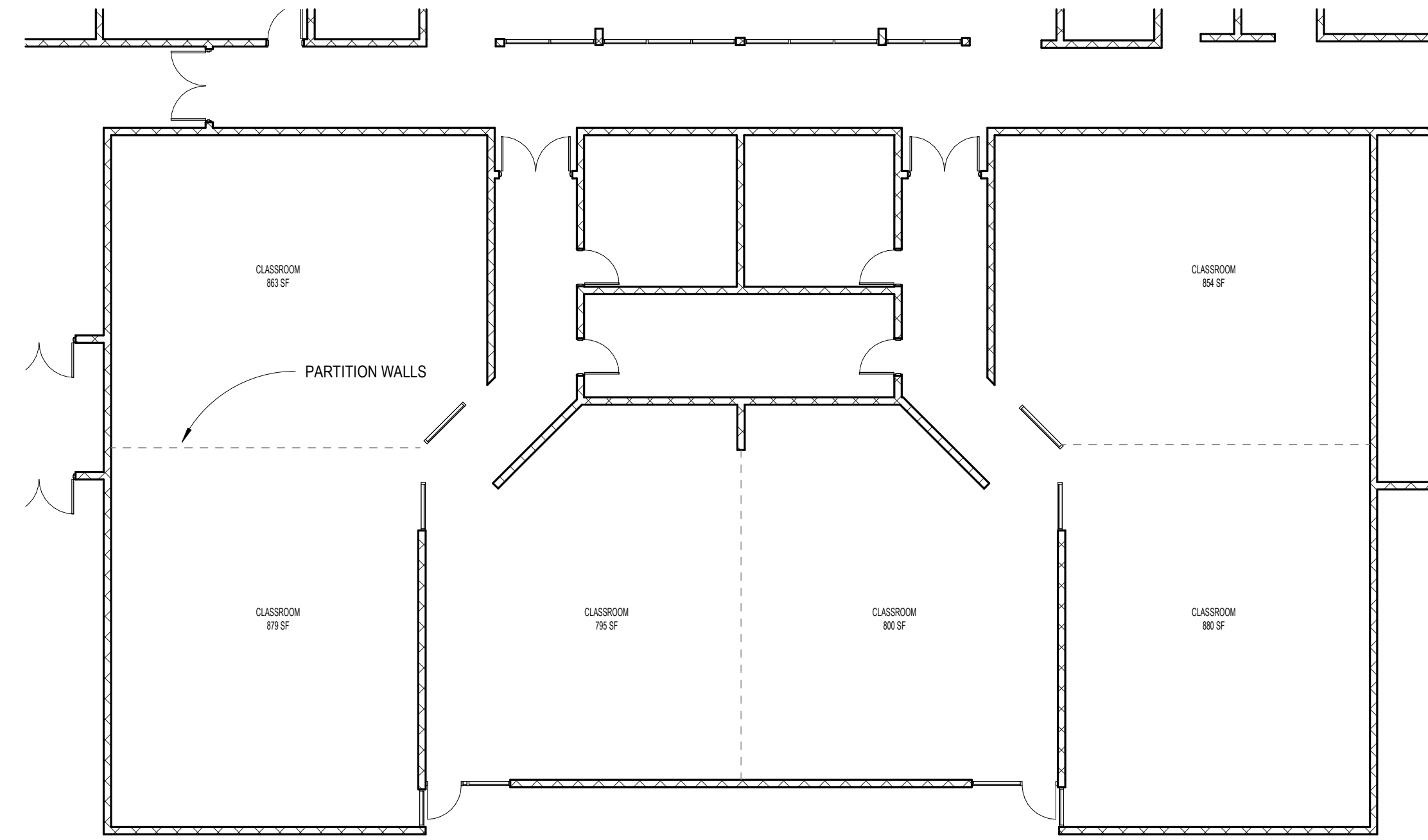


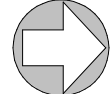
JEO ARCHITECTURE INC

1937 N CHESTNUT ST
WAHOO, NE 68066
800.723.8567 | jeo.com

JEO Architecture, Inc.
Organization Certificate of
Authorization Number: CA-3929

Consultant Title and Discipline
Organization Certificate of
Authorization Number: XX-000
Address
City, State 00000
000-000-0000



 **EXISTING FLOOR PLAN**
3/32" = 1'-0"

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NOT FOR
CONSTRUCTION
DATE:
PRELIMINARY

ISSUE

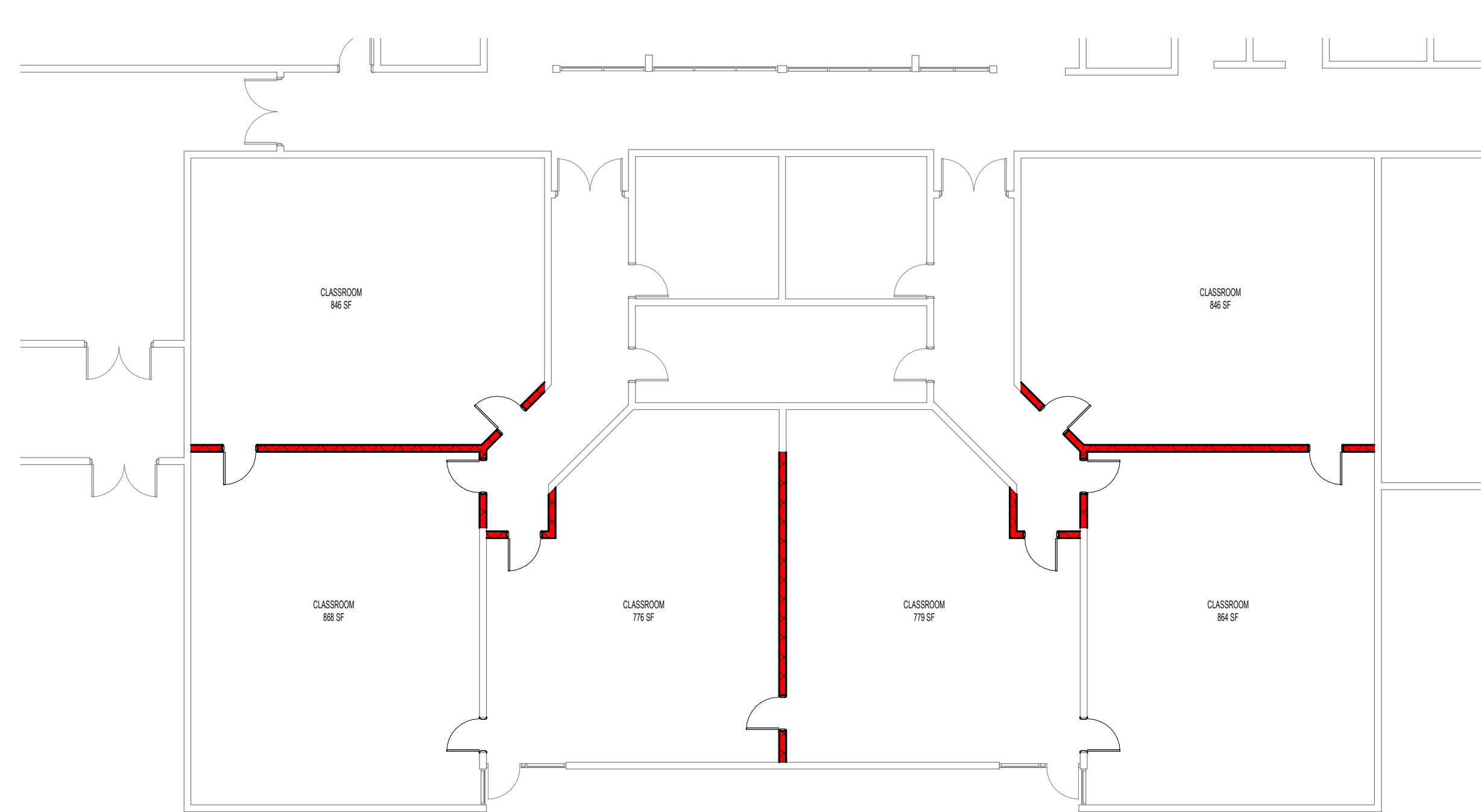
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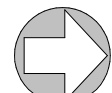
**HAYWARD ELEMENTARY
SCHOOL SECURITY
IMPROVEMENTS**

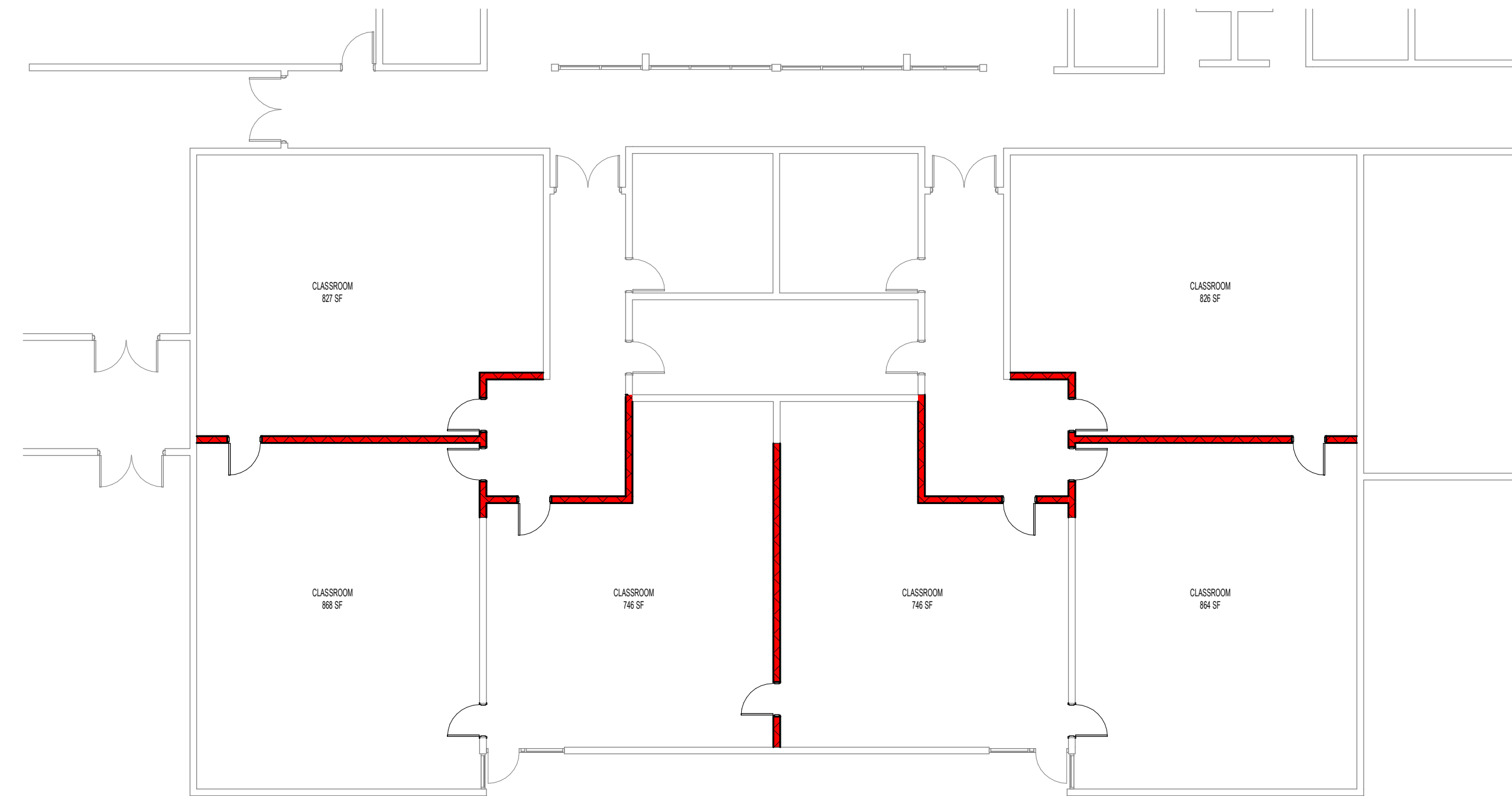
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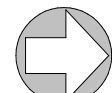
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QAQC: Checker
Drawn By: N F
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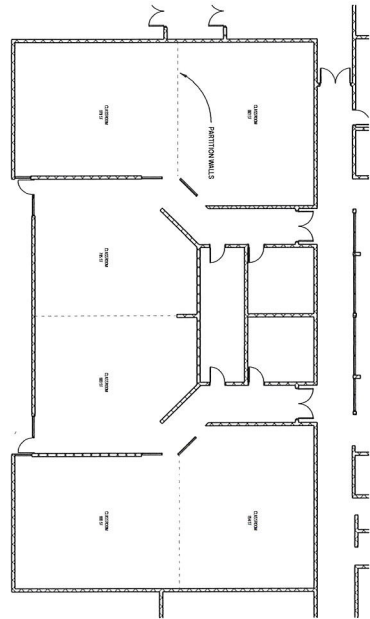
**ARCHITECTURAL
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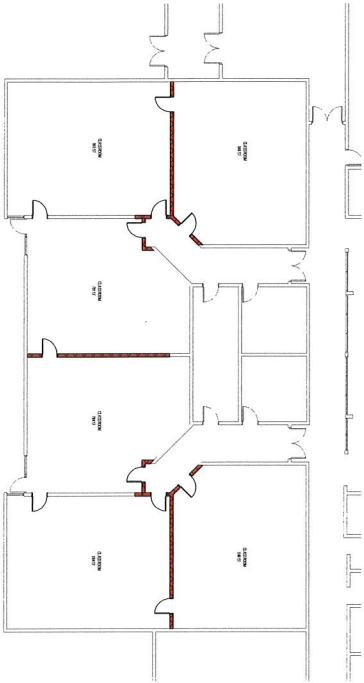
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 **2 OPTION 2**
3/32" = 1'-0"

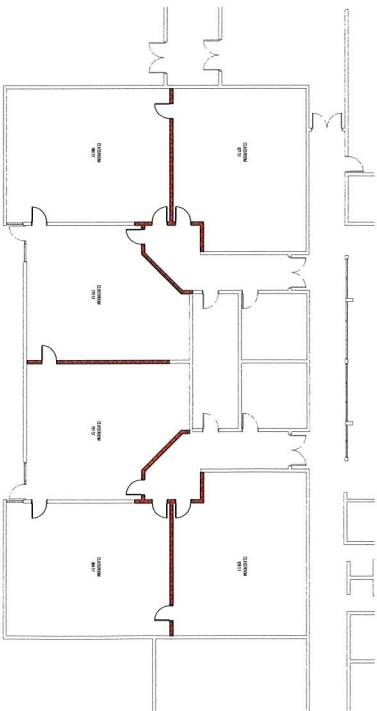


EXISTING FLOOR PLAN
SCALE = 1/8" = 1'-0"



OPTION 1
SCALE = 1/8" = 1'-0"

1L



OPTION 2
SCALE = 1/8" = 1'-0"

2R



JEO ARCHITECTURE INC

1871 N. CHESTNUT ST
SUNNYVALE, CA 94089
800.772.8593 | jeo.com
JEO Architecture, Inc.
California State License # C-45329
Architectural License # 00000000
Professional Seal and Signature
Address: 00000
Phone: 000.000.0000
Fax: 000.000.0000

PRELIMINARY
NOT FOR
CONSTRUCTION
DATE: 10/10/2024
BY: JAVANNI/TERSD

ISSUE

MARK DATE DESCRIPTION

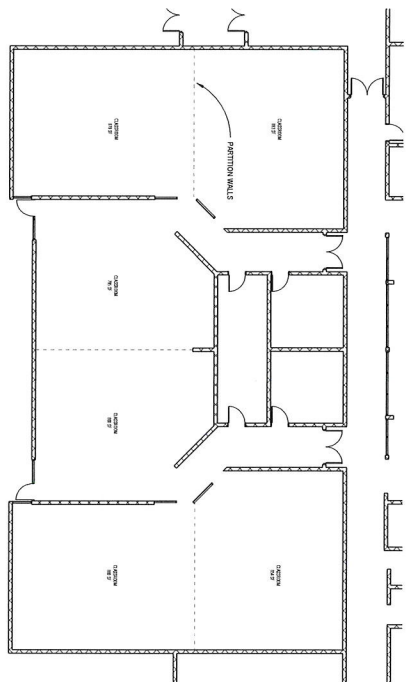
**HAYWARD ELEMENTARY
SCHOOL SECURITY
IMPROVEMENTS**

Owner
308 S 14TH ST, NEBASKA, OHIO, NE 8410

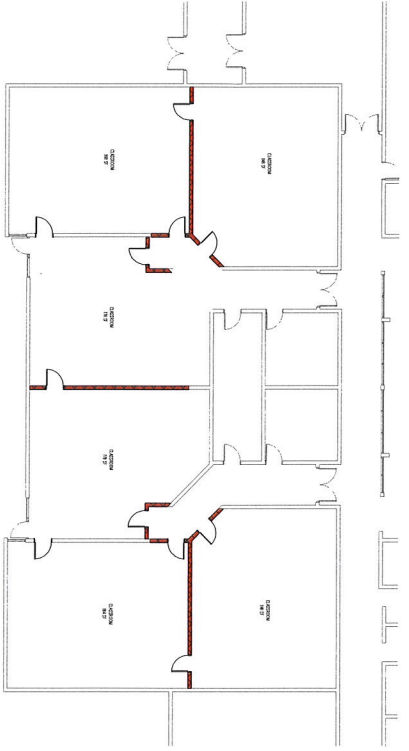
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Additional Data 2:

**ARCHITECTURAL
FLOOR PLAN**

A101

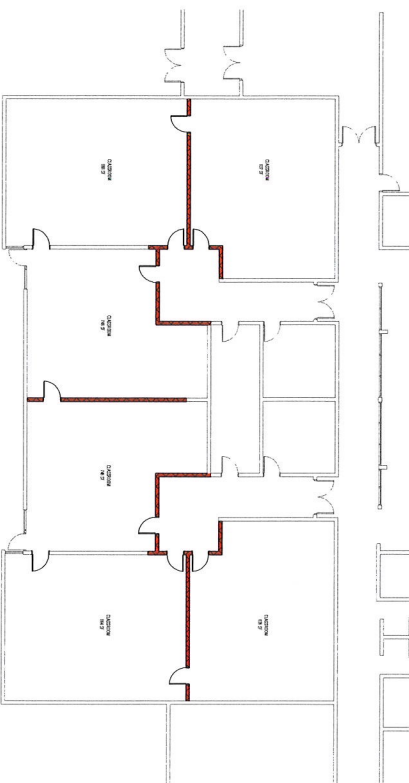


EXISTING FLOOR PLAN
3/2" = 1'-0"



OPTION 1
3/2" = 1'-0"

3L



OPTION 2
3/2" = 1'-0"

4R



JEO ARCHITECTURE INC

187 N CHESTNUT ST
WACO, NE 68686
800.723.8587 / jeo.com
JEO Architecture, Inc.
Organization Certificate of
Authorization Number: CA-3699
Consultant: The end Discipline
Organization Certificate of
Authorization Number: XX-000
Address:
187 N CHESTNUT ST
WACO, NE 68686
800.723.8587

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NOT FOR
CONSTRUCTION
DATE:
DATE:
DATE:

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**HAYWARD ELEMENTARY
SCHOOL SECURITY
IMPROVEMENTS**

Owner
305 S 4TH ST, NEBRASKA CITY, NE 68410

JEO Project No: 241855-00
Date: 10/01/2024
QA/QC: Checker N.F.
Drawn By: JEO
Scale: As Shown
Additional Data 2:

**ARCHITECTURAL
FLOOR PLAN**

A101



ESCO Partner with



**Nebraska City High School – Gold Gym Air
Conditioning Project**

October 14, 2024

Proposed High School “Gold Gym” Air Conditioning Project

Current Situation

High School – Gold Gym:

- The original building was built in 1967 and had two major additions in 1995 and 2010.
- Two AHU’s were installed for the Gold Gym during the original 1967 construction. Both units were completely shut down several years ago and are no longer in service.
 - These units provided all heating and ventilation for the gym, which included intake fans, exhaust fans, backdraft dampers, etc.
 - The large ductwork going down each side of the gym is also original to the building, and no longer serves any purpose.
 - The fire sprinkler lines below the ductwork will no longer be required and will be permanently removed.
- During construction of the 2010 Addition, two water-source heat pumps were installed and ducted into the Gold Gym to add auxiliary heat and provide some mechanical cooling. These units were not provided with outdoor air ventilation systems or ductwork.
 - One unit has a refrigerant leak and has been removed from service.
 - The other unit is far too small to manage on its own, but it is currently the gym’s sole source of both heating and cooling, and it cannot provide any ventilation air.



High School Gold Gym Ductwork and Sprinkler Piping – Remove in their Entirety



Gold Gym AHU, circa 1967 (Offline, Typical of Two) – Demo in Place



High School Gold Gym Heat Pump Ductwork – Remove and Replace

Opportunity Recommendation & Project Budget

High School

- Demo-in-place the two 1967 air handlers:
 - Remove all existing ductwork above the gym and relocate fire sprinklers to the ceiling.
 - Remove the two exhaust fans and two intake hoods from the roof and permanently cap their openings.
 - Permanently disconnect all existing electricity from existing equipment.
 - Drain existing hot water coils and piping, remove heating water pump from service.
- Remove the two 2010 water source heat pumps and all associated ductwork.

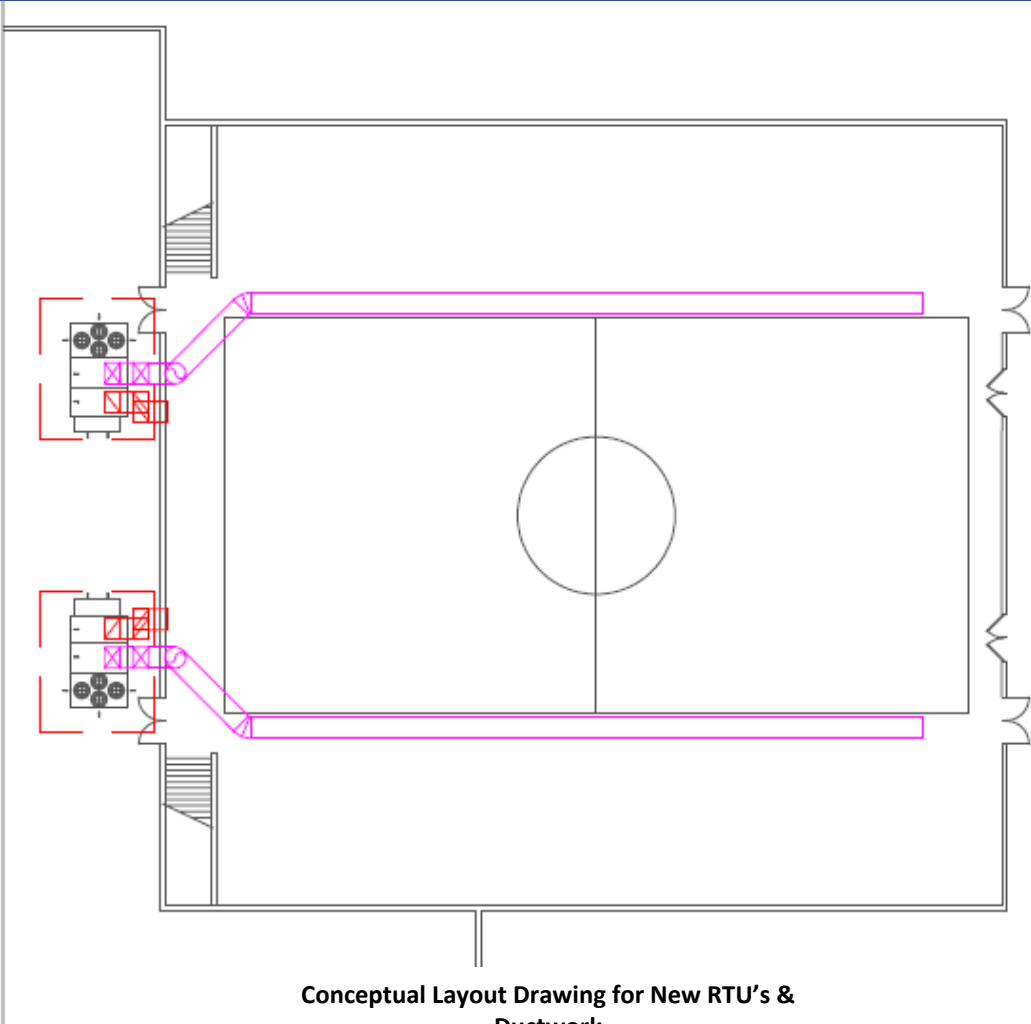
- Set two new RTU curbs on the roof just south of the south gym wall. Route new ductwork, controls, and electrical power down through the new roof curb, and into the gym via the original heat pump ductwork openings through the gym wall.
 - Install fabric duct down each side of the gym for optimal air distribution.
- Provide and install two new gas-fired/DX RTU's on the new curbs. Each unit will be provided with staged gas heat, staged DX compressors, 100% outdoor air economizer (provides both free-cooling and ventilation), dehumidification controls, and powered exhaust.
 - Route new gas piping on the roof from the new units to the existing medium-pressure gas line nearby.
 - Route new BACnet MSTP communications from the BAS and integrate into the existing automation system.
 - Route new electrical conduit and wiring to the PE storage room service panel H1A.
- Pricing assumes that the existing roof can support the weight of the new equipment without the need for substantial structural modification or reinforcement.

Budget Pricing

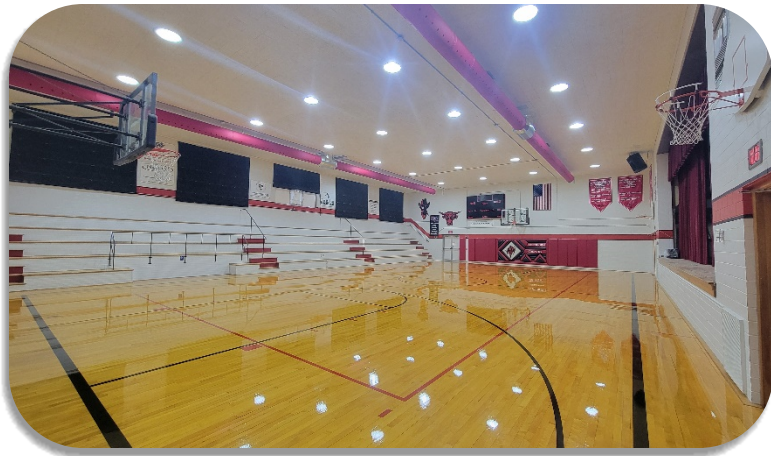
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|--|------------------|
| • (2) 20-Ton RTU (600 Person Capacity) Base Project Estimate: | \$389,750 |
| • (2) 15-Ton RTU (400 Person Capacity) DEDUCT: | -\$25,000 |

Next Steps

- October 14 – BOE to discuss/approve the above project and Guaranteed Maximum Price (GMP)
 - Final Design
 - Order Equipment
 - Invitation to Bid Documents Prepared (Labor Only)
- November 11 – update to BOE on final project scope & status
 - Invitation to bid documents prepared and executed
- Spring & Summer 2025 – Implementation of Project

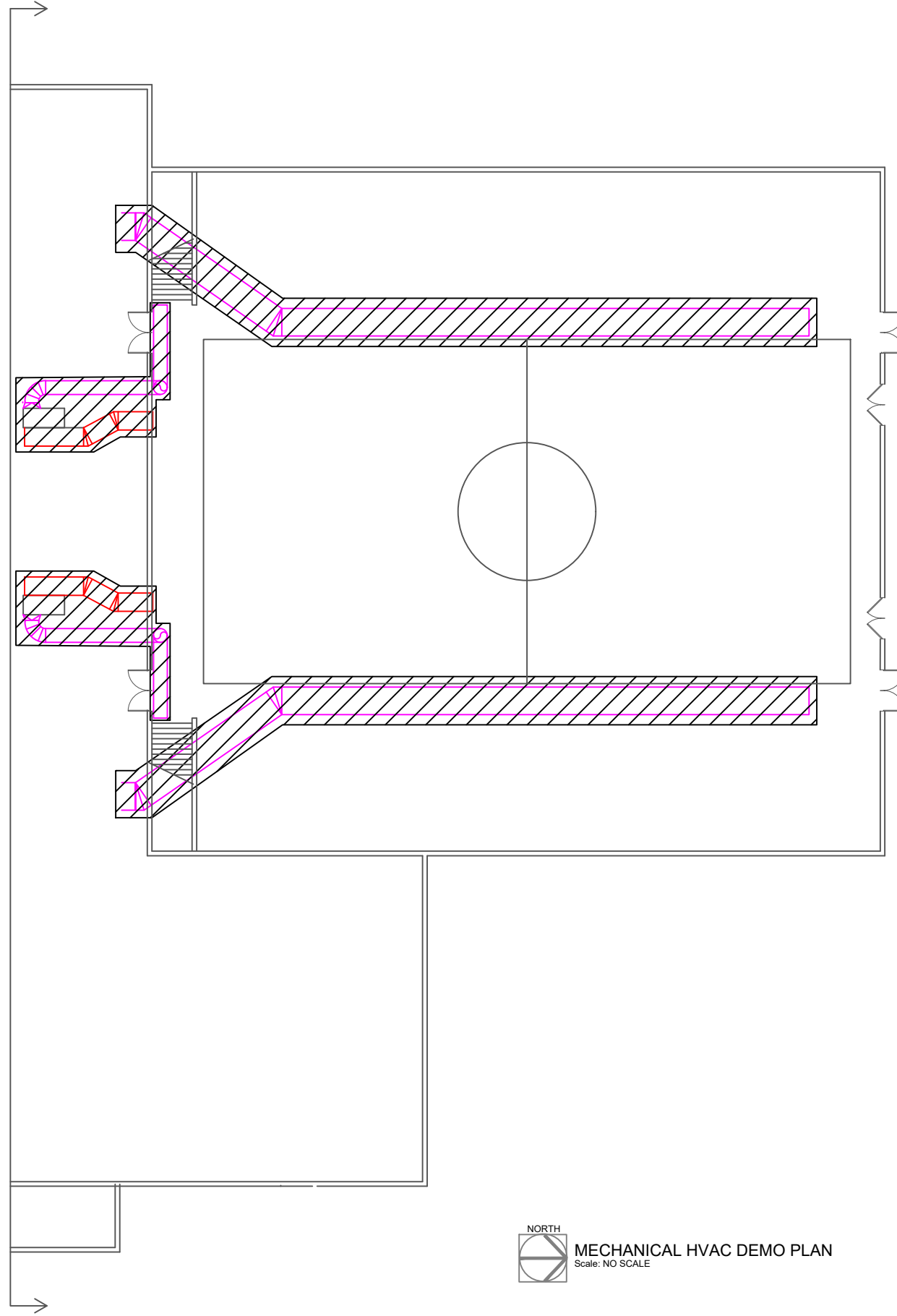
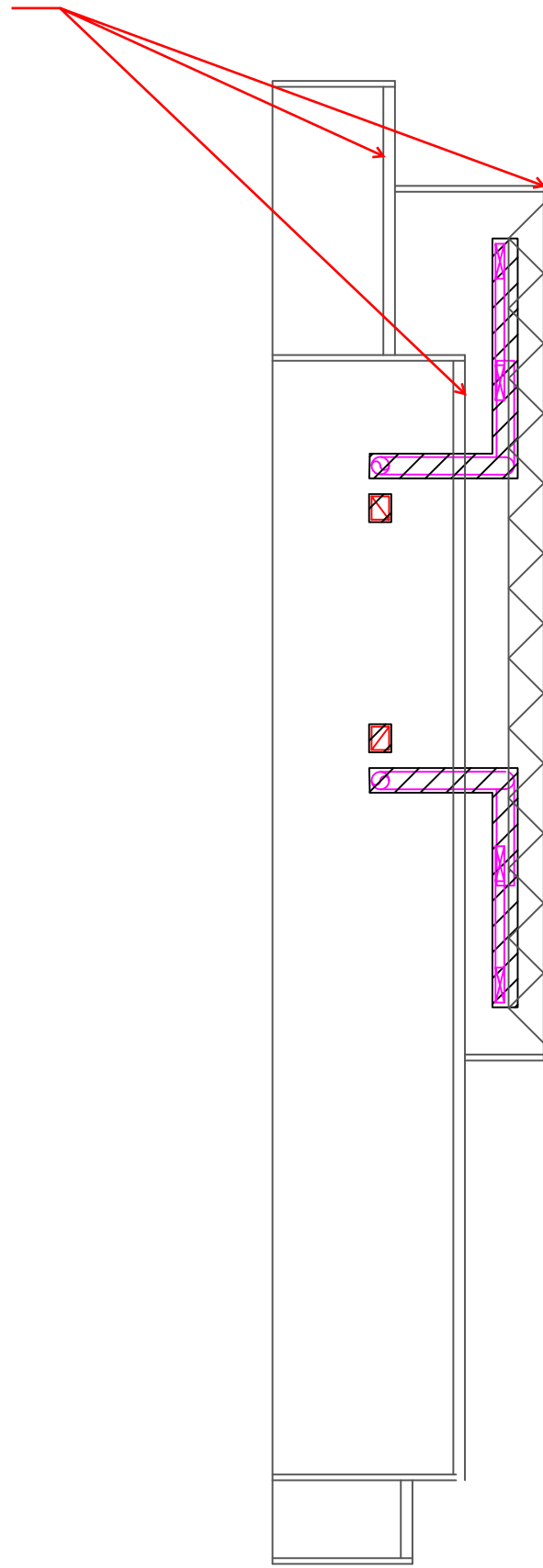


Conceptual Layout Drawing for New RTU's & Ductwork



Sample Fabric Duct Project - Completed Summer 2024

Roof height?



MECHANICAL HVAC DEMO PLAN
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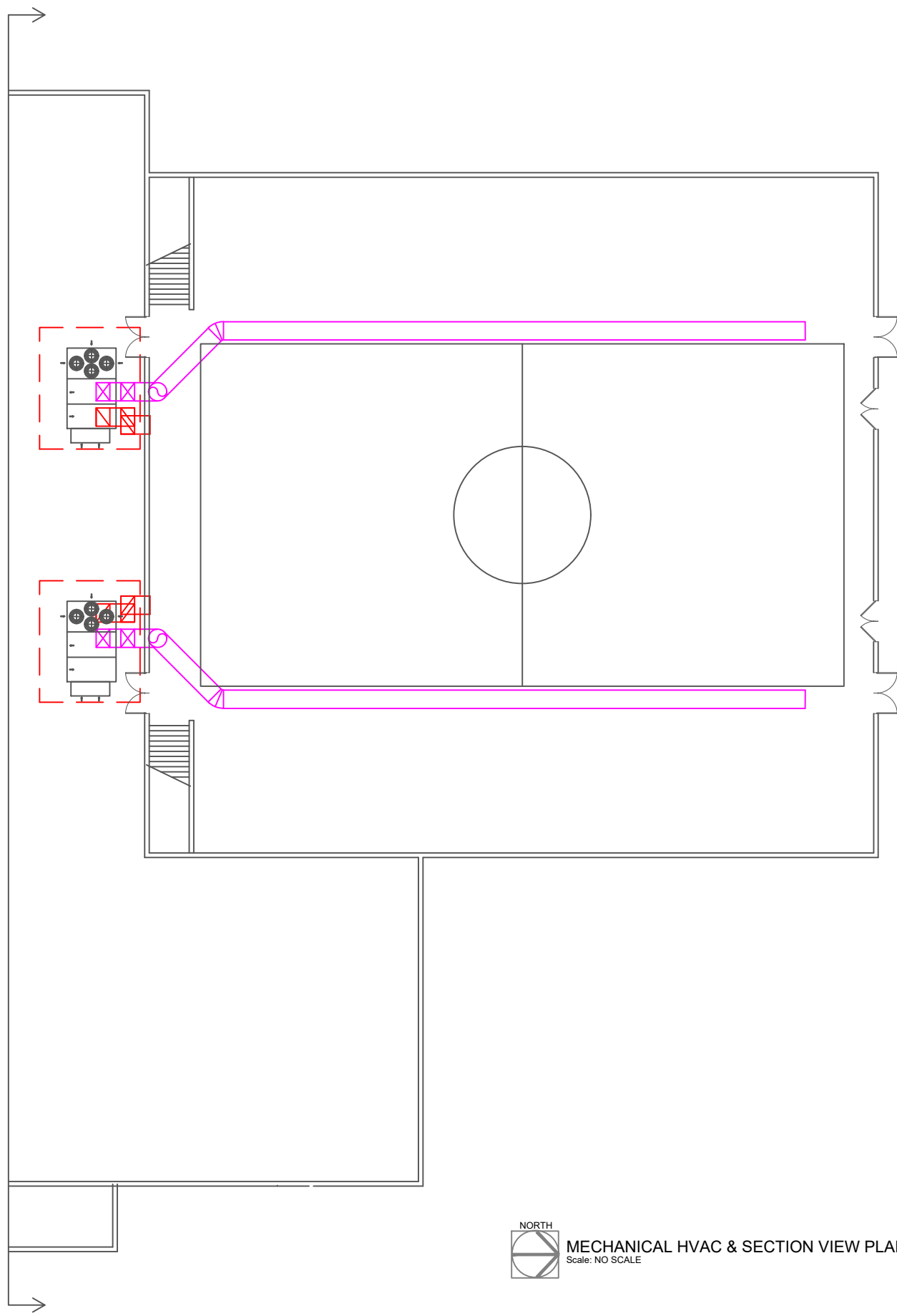
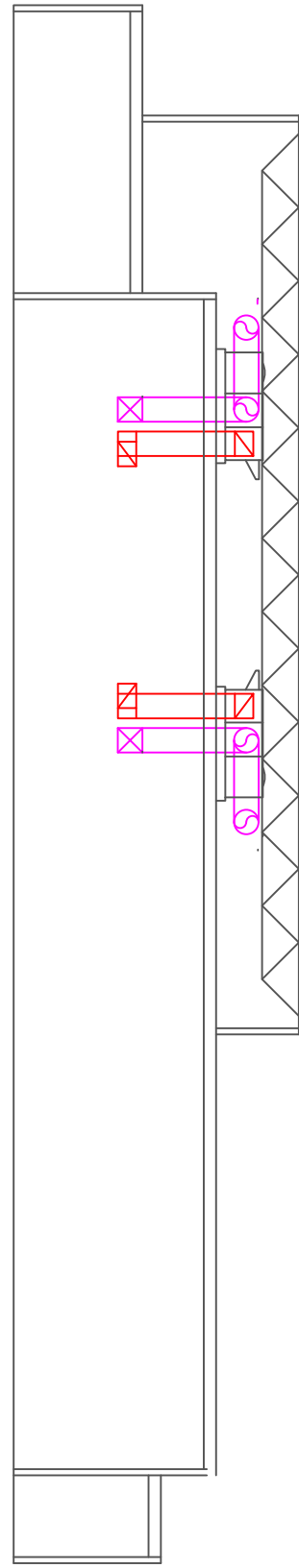
NEBRASKA CITY HIGH SCHOOL GYM
NEBRASKA CITY, NEBRASKA

3738 S. 149th St.
Suite 102
Omaha, NE 68144

FACILITY
ADVOCATES

Sheet #

MD.1



MECHANICAL HVAC & SECTION VIEW PLAN

Scale: NO SCALE

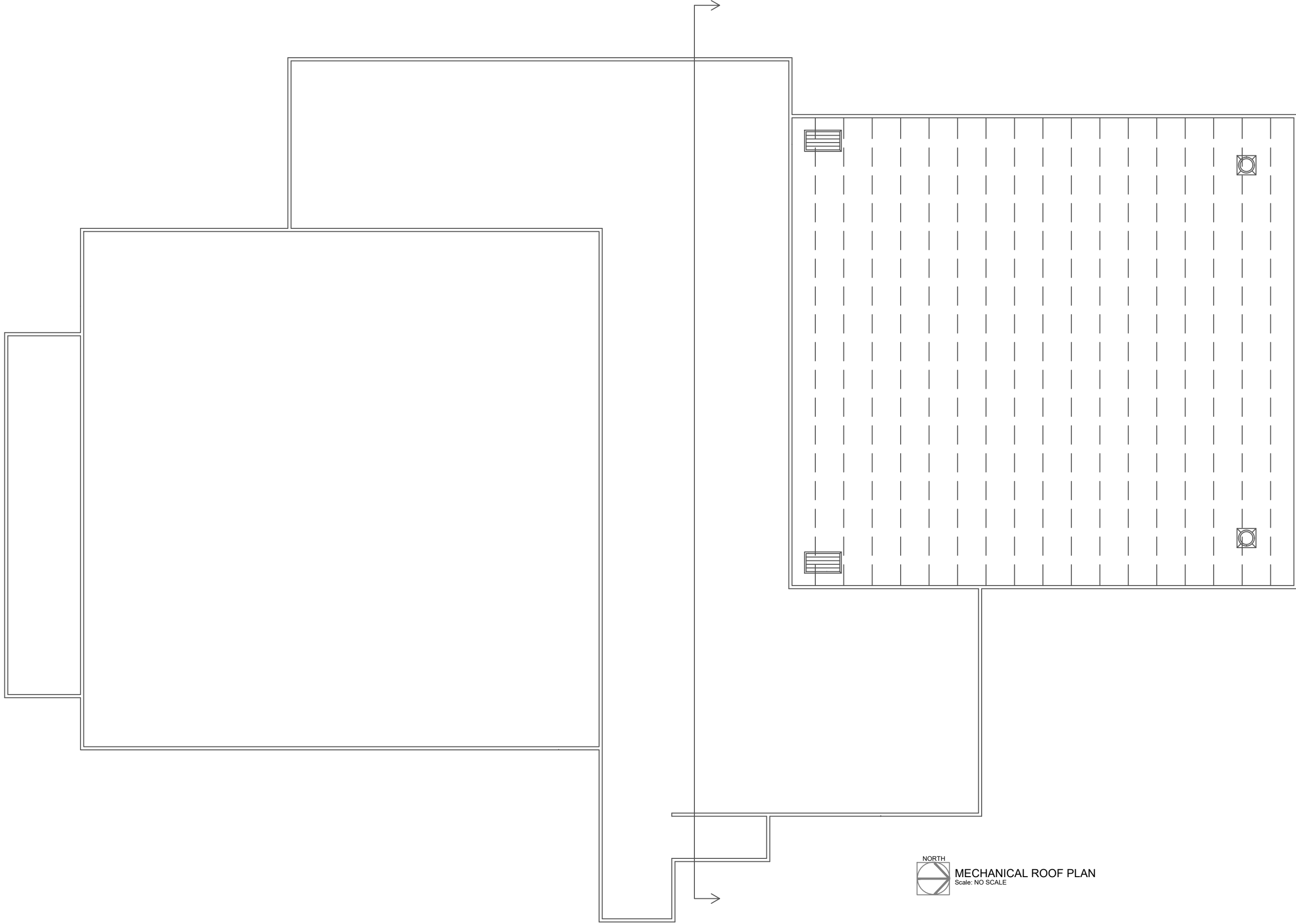
3738 S. 149th St.
Suite 102
Omaha, NE 68144

FACILITY
ADVOCATES

Sheet #

M.1

NEBRASKA CITY HIGH SCHOOL GYM
NEBRASKA CITY, NEBRASKA



MECHANICAL ROOF PLAN
Scale: NO SCALE

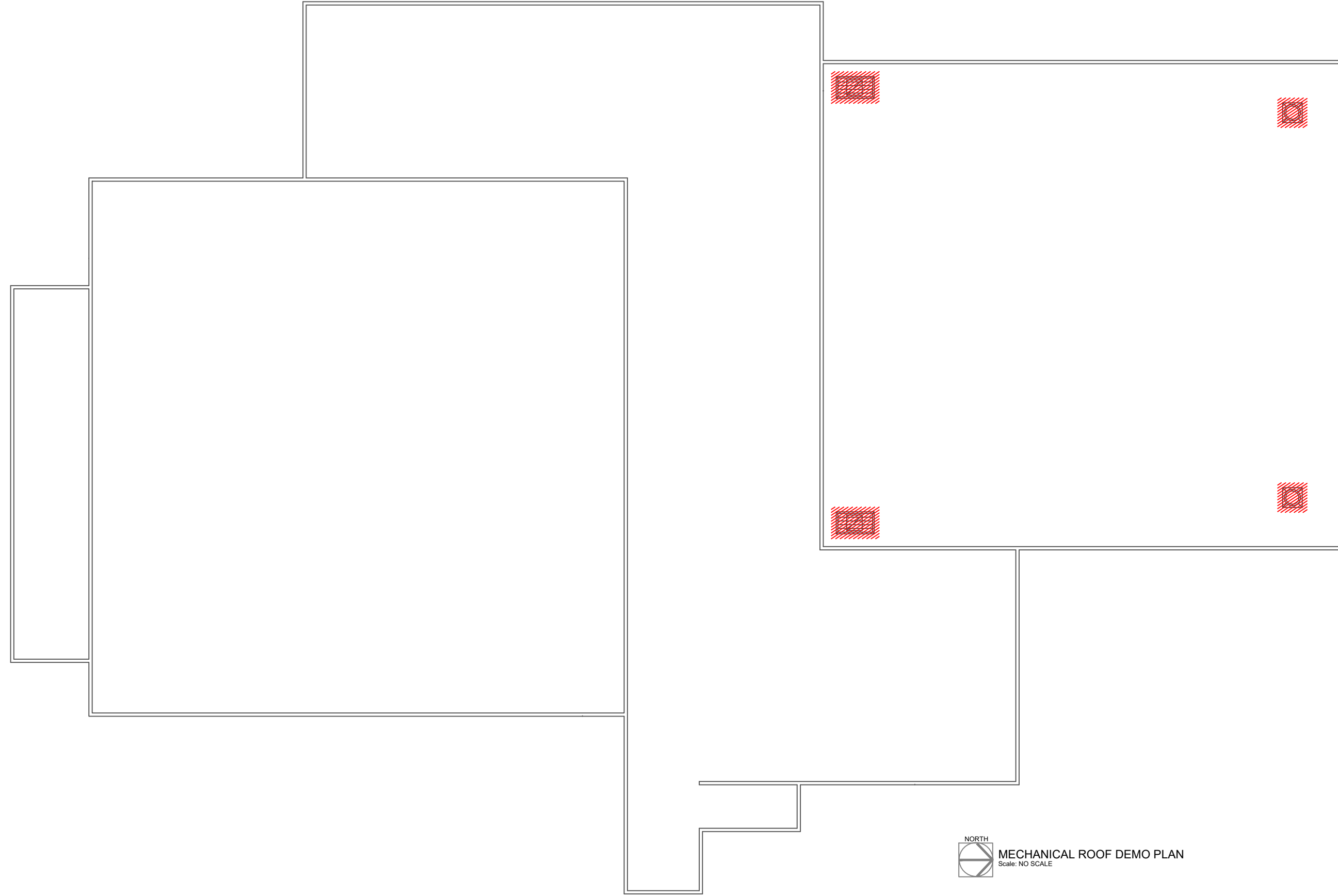
3738 S. 149th St.
Suite 102
Omaha, NE 68144

FACILITY
ADVOCATES

Sheet #

M.3

NEBRASKA CITY HIGH SCHOOL GYM
NEBRASKA CITY, NEBRASKA



MECHANICAL ROOF DEMO PLAN
Scale: NO SCALE

3738 S. 149th St.
Suite 102
Omaha, NE 68144

FACILITY
ADVOCATES

Sheet #

MD.2

NEBRASKA CITY HIGH SCHOOL GYM
NEBRASKA CITY, NEBRASKA



HVAC Equipment Submittal Data

For Review and Approval

09/25/2024

Project Info

Project Name: **Nebraska City HS Gold Gym**
Software version: **3.0**

Submitted By

Dealer Name: **David Kros**
Email: **dkros@mechsales.com**

Certifications:

Daikin brand heating and cooling units are certified as follows:

- AHRI Certified
- ETL & CETL Listed
- GAMA Certified

Limited Warranty:

- 5 year parts limited warranty
- 20 year heat exchanger limited warranty
- Complete warranty details attached

Daikin North America, LLC is not responsible for products installed outside the United States or its territories, or Canada.

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Design Requirements

Cooling Capacity **20 Ton**
 Tap **T5**
 Configuration **Downflow**

Standard Features: DS Series Packaged Units

- R-32 chlorine-free refrigerant
- High-efficiency Copeland scroll compressor(s)
- Copper tube / aluminum fin coils
- High-capacity, steel-cased filter dryer
- High- and Low-pressure switches
- Lugged electrical contactor
- Single-point power
- Color Coded Wiring
- Foil Faced Internal Insulation
- Heavy-gauge, galvanized-steel cabinet
- UV-resistant powder-paint finish
- Full perimeter base rail

Unit Electrical Data

Power Supply **460/3/60 VOLT/PH**
 Total Unit MCA **65.7 A**
 Total Unit MOP **70.0 A**
 Indoor Motor HP **5.0 HP**
 Total Unit FLA **62.30 A**
 • Compressor RLA **27.4**
 • Blower FLA **21.2**
 • Outdoor Fan FLA **5.6**
 • MPE Connection FLA **8.1**
 SCCR **5 kA**

Model Number: DSG2404WM00019C

Code String: DSG2404W360CSADCSAEXBX

Tag: RTU-1 (20-ton) Gas Heat

Cooling Performance

Total Capacity **238,125 BTU/h**
 Sensible Capacity **180,975 BTU/h**
 Cooling Stages **Two**
 Refrig Type **R-32**
 Compressor Type **Copeland Scroll**
 Pressure Switches **High & Low Pressure (std)**
 Outdoor Design Temp **95.0°F**
 Entering Air Temp(db) **80.0°F**
 Entering Air Temp(wb) **67.0°F**
 Leaving Air Temp(db) **59.6°F**
 Leaving Air Temp(wb) **57.7°F**
 Efficiency **14 IEER/10.8 EER**

Heating Performance

Heat Type **Gas**
 High Stage Input / Output **360,000/291,600 (BTU/h)**
 Low Stage Input / Output **270,000/218,700 (BTU/h)**
 Entering Air Temp **55.0°F**
 Leaving Air Temp **88°F**
 Heat Exchanger **409 Stainless Steel**

Supply Air Blower Performance

ACFM **8082 CFM**
 SCFM **8082 CFM**
 ESP **1.5 IWG**
 Ultra Low-Leak Downflow Economizer W/ Enthalpy Sensor **0.27 IWG**
 Total ESP **1.77 IWG**
 Blower Type **Direct Drive - High Static**
 Elevation **0 ft**

Physical Attributes

Base Unit Oper. Weight (lbs) **2175**
 Filter(s) **Qty (8) 20"X20"X2"**

Outdoor sound (db) at 60 Hz									
Model	A-Weighted	63	125	250	500	1000	2000	4000	8000
7	92.1	109.4	96.5	96.5	87.7	84.3	81.2	75.0	68.7

db - decibel

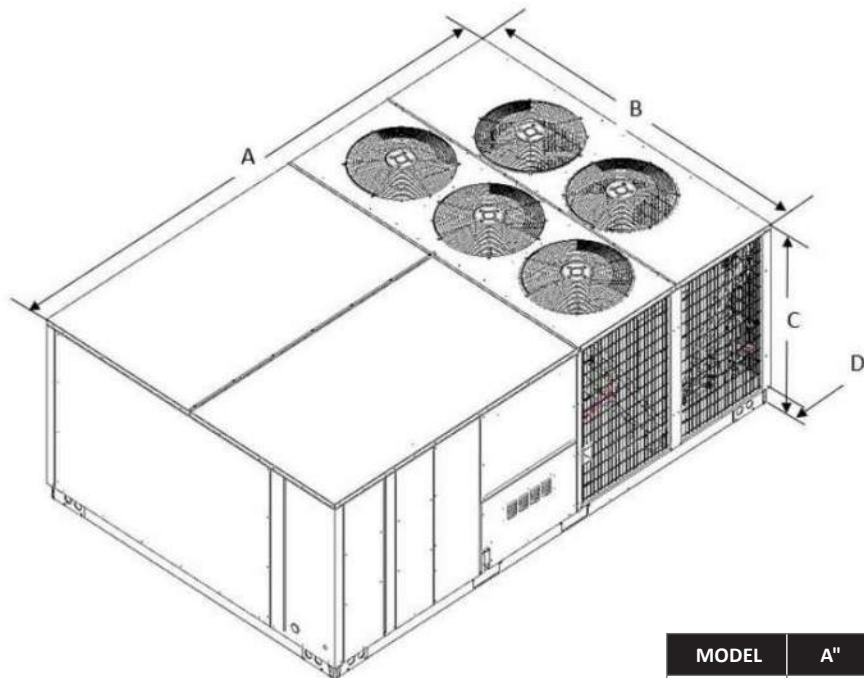
Notes:

- 1 Outdoor sound data is measured in accordance with AHRI standard 270.
- 2 Measurements are expressed in terms of sound power. Do not compare these values to sound pressure values because sound pressure depends on specific environment factors which normally do not match individual applications. Sound power values are independent of the environment and therefore more accurate.
- 3 A-weighted sound ratings filter out high and very low frequencies, to better approximate the response of "average" human ear. A-weighted measurements for Daikin units are taken in accordance with AHRI standard 270.

LIST OF ACCESSORIES

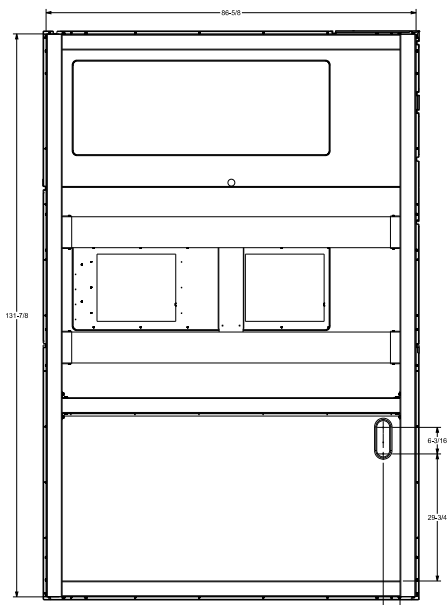
Model Number: DSG2404WM00019C; Code String: DSG2404W360CSADCXAEXBX; Tag: RTU-1 (20-ton) Gas Heat;

Accessories					
Fld Inst	Fct Inst	Item #	Description	Dimensions	lbs
	Y	0257L00378	409 Stainless Steel Heat Exchanger	Fact Inst	N/A
	Y	HAILGD180300FI	Hail Guard		N/A
	Y	HGDRSB180240GD	Hinged Panels		34
	Y	DSC100C50YD02FI	Non Fused Disconnect Switch	Fact Inst	5
	Y	0270L02471	Single Point Power Connection For Power Exhaust		N/A
	Y	0270L01789	Non Powered GFCI Convenience Outlet	Fact Inst	2
Y		0270L02503	Ultra Low-Leak Downflow Economizer W/ Enthalpy Sensor		N/A
Y		14CURB180300	14" Roof Curb	24x80x15	285
Y		0270L02561	Modulating downflow power exhaust		N/A
Y		DPOFSK03	Overflow Switch		N/A
Y		0160L00270	Filtration-MERV8		N/A
Y		0270L02333	Economizer Hood		N/A
Y		DT4272C	Comm Touch Digital Stat w/ WiFi 4h/2c	6x4x2	.25
	Y		R32 Sensor		N/A
			Base Unit Oper. Weight		2175
			Total Weight		2501.25

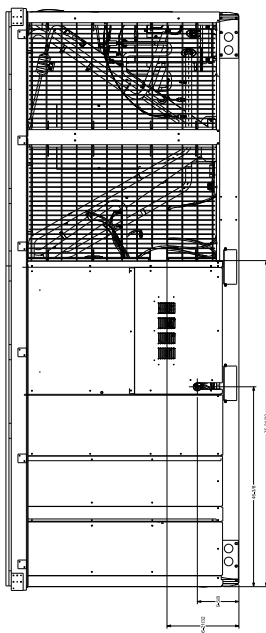


NOTE: 15 ton has 3 fans; 20 ton has 4 fans; 25 ton has 5 fans

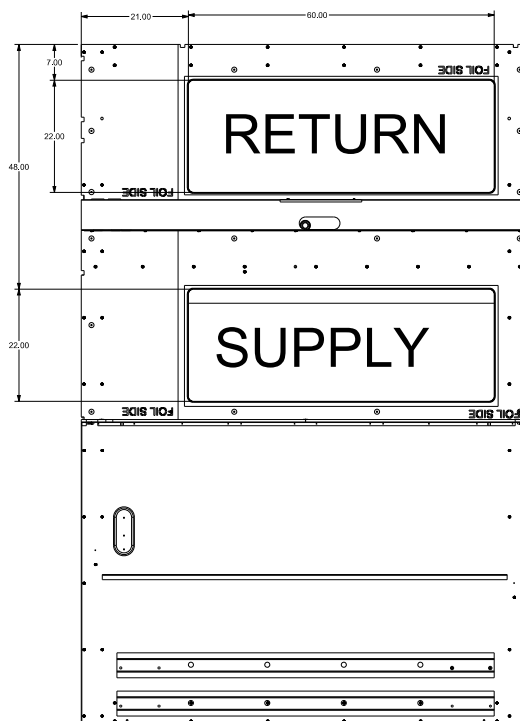
MODEL	A"	B"	C"	D"
15 Ton			51 ¹¹ / ₁₆	5 ⁷ / ₃₂
20 Ton	133 ³ / ₄	88 ¹ / ₂	51	
25 Ton				



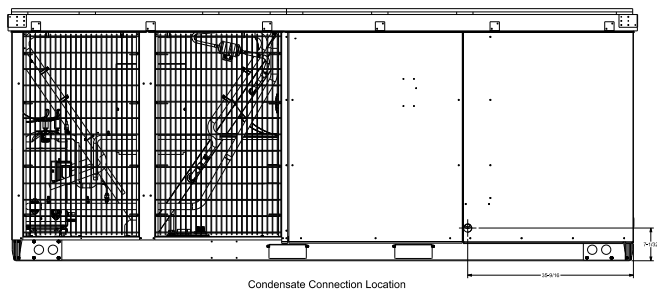
Vertical Discharge (Bottom View)



Gas Inlet Location



Vertical Discharge (Top View)



Condensate Connection Location

THE WORLD LEADER IN CLEAN AIR SOLUTIONS

PerfectPleat® SC M8

(Standard Capacity MERV 8)

EXTENDED SURFACE PLEATED PANEL FILTERS



- Mechanical efficiency – does not rely on eletret charge technology
- Self-supporting DuraFlex® media made from virgin fiber – no wire support needed
- Consistent media with controlled fiber size and blend
- Available in 2" and 4" models
- Environmentally friendly – no dies, no metal, fully incinerable
- Patented media, filter design, and manufacturing process. Patents covered under one or more of the following: US 6398839 B2; US 6254653 B1; US 6159318; US 6165242; US 6387140 B1

PerfectPleat SC M8 filters are designed to consistently increase efficiency throughout the service life of the filter. They have an initial MERV 8 rating respectively, but the efficiency increases significantly when dust loading begins. PerfectPleat SC M8 filters have distinctive self-supporting characteristics that allow a pleating pattern, which promotes airflow and maximizes Dust Holding Capacity (DHC). The PerfectPleat SC M8 filter is best suited for standard capacity pleated panel filter applications, where pleated filters are currently in use. They can also be used to upgrade applications using panel filters.

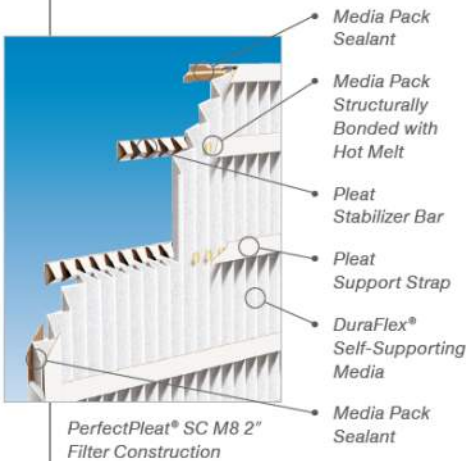
Superior Design and Construction

The perimeter frame is constructed from the highest wet-strength 28 pt. beverage carrier board, securely bonded to the media pack. Support straps on the air entering side are used in combination with uniquely designed pleat stabilizers on the air leaving side of the 2" model to provide additional strength. The support straps and pleat stabilizers ensure integrity against turbulent airflow. The 2" filter resists crushing and abuse and provides excellent lateral stability for installation in side access systems.

The 4" model utilizes a two piece die cut frame with integral pleat spacers on the air leaving side. Pleat spacing is controlled by straps bonded to the air entering side and the multiple rows of pleat spacers on the air leaving side. The pleat spacers also ensure the pleats remain open during use, maximizing filter life.

DuraFlex® Media—Patented Media Design

Uniform size virgin fibers are assembled in closely controlled blends to create a media that is both self-supporting and consistent in performance. When pleated, DuraFlex media will hold its shape without the wire support characteristic of conventional pleated filters. That means no potential for the formation of rust and safer handling. With the superior resiliency of DuraFlex media and no need for wire support, PerfectPleat SC M8 filters can sustain significant abuse and maintain their shape and pleat spacing. The absence of wire also makes the filter totally incinerable, which can simplify disposal.



PerfectPleat® SC M8 Filters

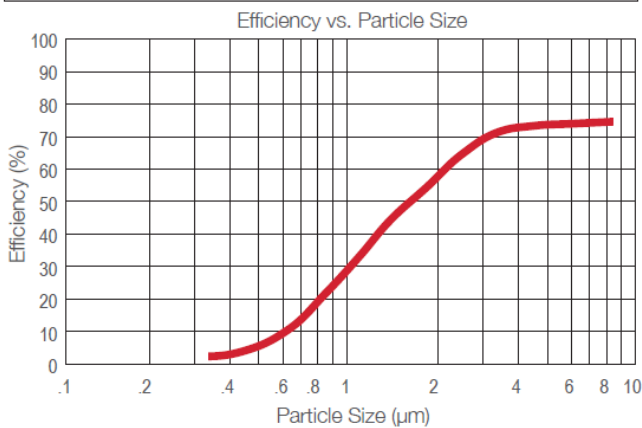
Performance Data

Filter	Pleats Per Linear Foot	Rated Initial Resistance (in. w.g.)			Recommended Final Resistance (in. w.g.)	ASHRAE 52.2 MERV	Continuous Operating Temperature Limits
		300 FPM	500 FPM	625 FPM			
2" PerfectPleat SC M8	10	.13	.24	.33	1.0	8	150°F (66°C)
4" PerfectPleat SC M8	9	.11	.23	.35	1.0	8	200°F (93°C)

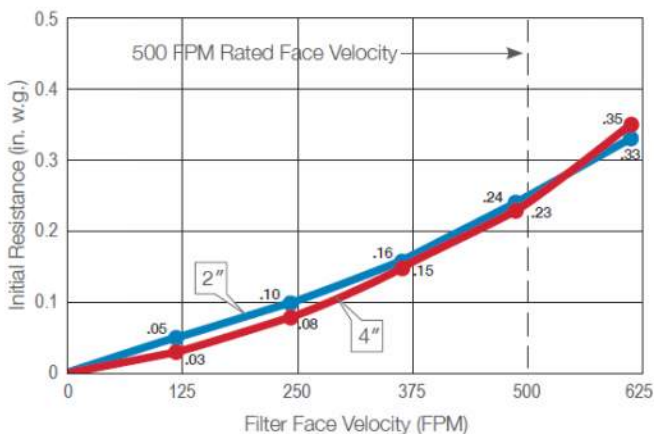
All performance data based on ASHRAE Standard 52.2. Performance tolerance conforms to Section 6.4 of ANSI/AHRI Standard 850-2013.

Underwriters Laboratories Classification – PerfectPleat filters are UL Classified. Testing was performed according to UL Standard 900.

Composite Minimum Efficiency Curve



Initial Resistance vs. Filter Face Velocity



Product Information – Standard Sizes

Nominal Sizes (Inches) (W x H x D)	Actual Sizes (Inches) (W x H x D)	Rated Airflow (SCFM)			Pleats Per Filter
		300 FPM	500 FPM	625 FPM	
10 x 20 x 2	9½ x 19½ x 1¼	400	700	850	8
12 x 20 x 2	11½ x 19½ x 1¼	500	850	1050	10
12 x 24 x 2	11¾ x 23¾ x 1¼	600	1000	1250	10
14 x 25 x 2	13½ x 24½ x 1¼	750	1200	1500	11
15 x 20 x 2	14½ x 19½ x 1¼	650	1050	1300	12
15 x 25 x 2	14½ x 24½ x 1¼	800	1300	1650	12
16 x 16 x 2	15½ x 15½ x 1¼	550	900	1100	13
16 x 20 x 2	15½ x 19½ x 1¼	650	1100	1400	13
16 x 24 x 2	15¾ x 23¾ x 1¼	800	1350	1650	13
16 x 25 x 2	15½ x 24½ x 1¼	850	1400	1750	13
18 x 24 x 2	17¾ x 23¾ x 1¼	900	1500	1900	15
18 x 25 x 2	17½ x 24½ x 1¼	950	1550	1950	15
20 x 20 x 2	19½ x 19½ x 1¼	850	1400	1750	17
20 x 24 x 2	19¾ x 23¾ x 1¼	1000	1650	2100	17
20 x 25 x 2	19½ x 24½ x 1¼	1050	1750	2150	17
24 x 24 x 2	23¾ x 23¾ x 1¼	1200	2000	2500	20
25 x 25 x 2	24½ x 24½ x 1¼	1300	2150	2700	21
12 x 24 x 4	11¾ x 23¾ x 3¼	600	1000	1250	8
16 x 20 x 4	15¾ x 19¾ x 3¼	650	1100	1400	11
16 x 25 x 4	15¾ x 24¾ x 3¼	850	1400	1750	11
18 x 24 x 4	17¾ x 23¾ x 3¼	900	1500	1875	12
20 x 20 x 4	19¾ x 19¾ x 3¼	850	1400	1750	14
20 x 25 x 4	19¾ x 24¾ x 3¼	1050	1750	2150	14
24 x 20 x 4	23¾ x 19¾ x 3¼	1000	1650	2100	14
24 x 24 x 4	23¾ x 23¾ x 3¼	1200	2000	2500	17
25 x 29 x 4	24¾ x 28¾ x 3¼	1500	2500	3150	21

Energy savings may be realized by operating the PerfectPleat SC M8 filters to a lower final resistance. Contact your local AAF Flanders representative for a Total Cost Of Ownership analysis for your specific application.

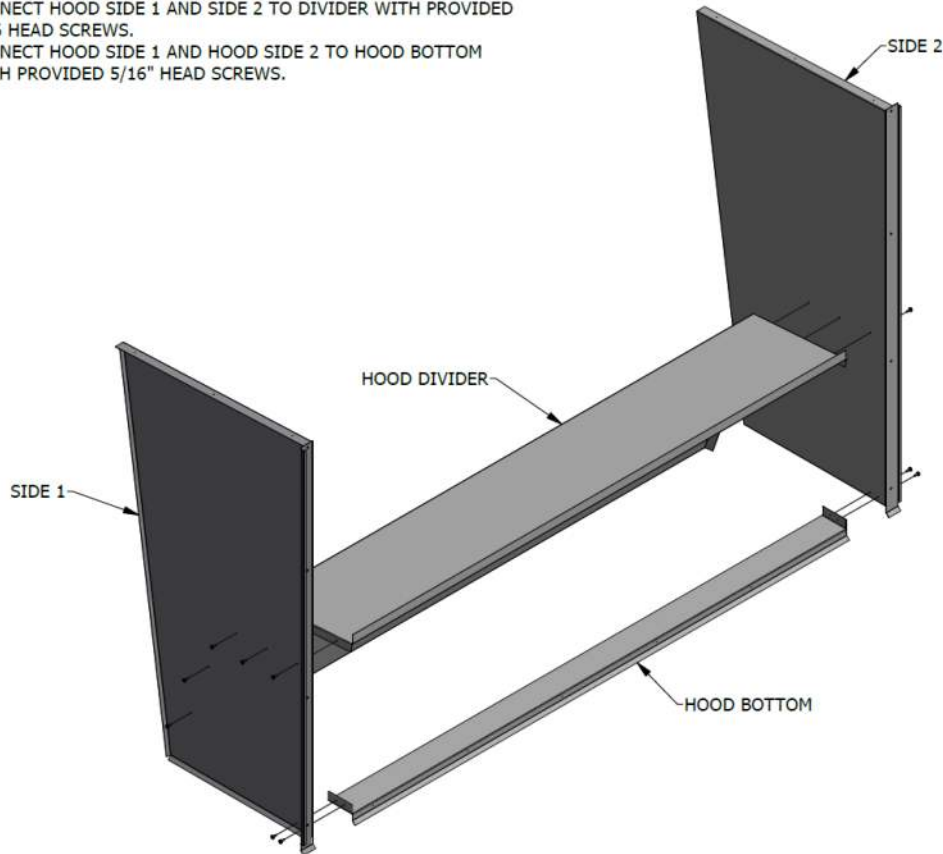
PerfectPleat® and DuraFlex® are registered trademarks of AAF International in the U.S. and other countries.



AAF Flanders has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice.



1. CONNECT HOOD SIDE 1 AND SIDE 2 TO DIVIDER WITH PROVIDED 5/16 HEAD SCREWS.
2. CONNECT HOOD SIDE 1 AND HOOD SIDE 2 TO HOOD BOTTOM WITH PROVIDED 5/16" HEAD SCREWS.

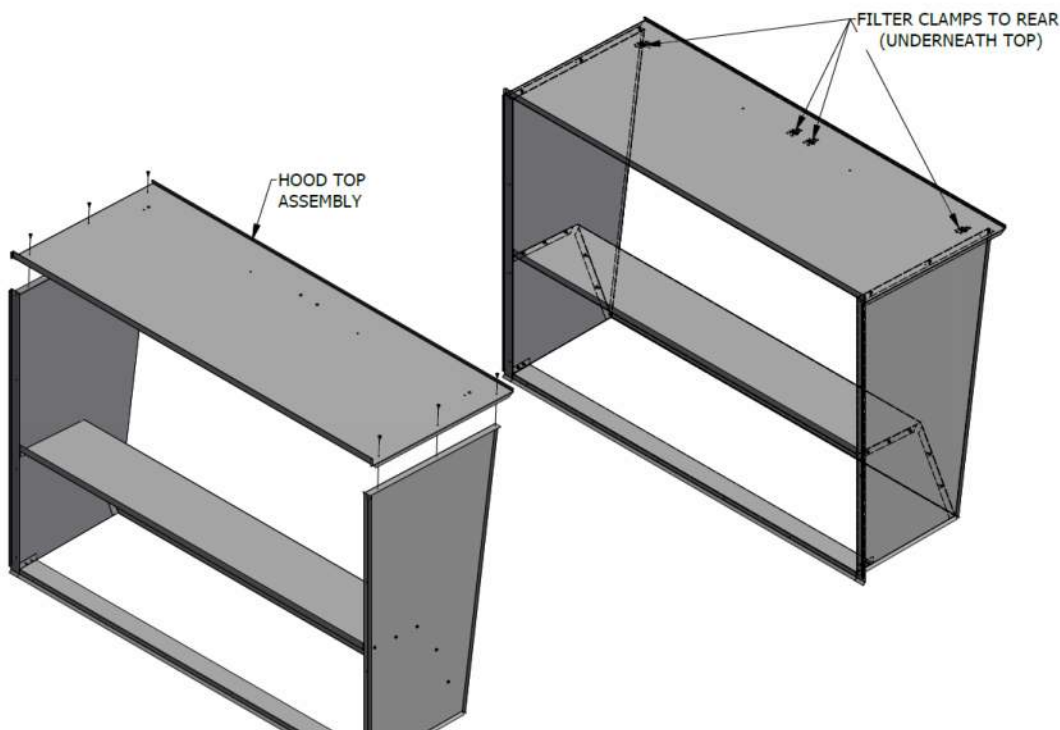


Hood Assembly Instructions

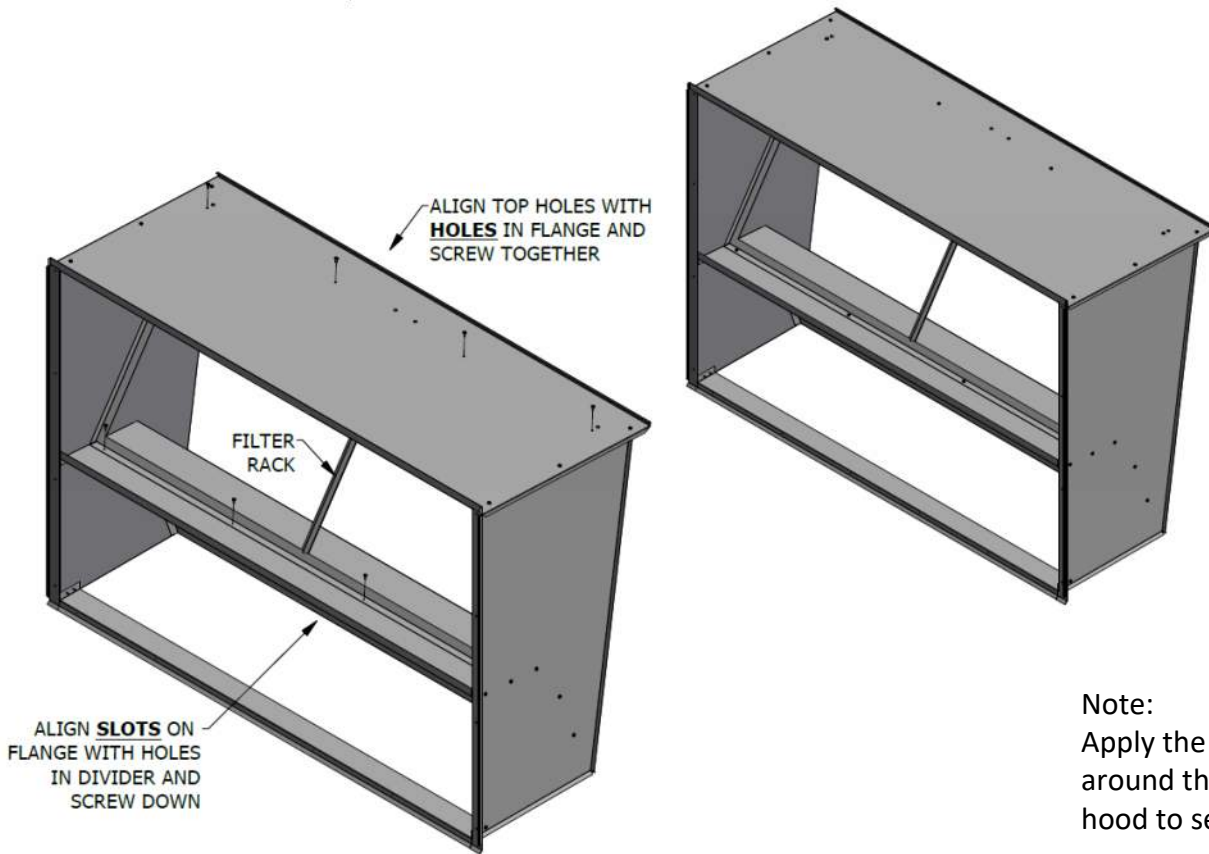
Note:

The Internal Damper must be installed before the Hood Assembly is attached.

3. CONNECT TOP ASSEMBLY TO SIDES USING PROVIDED 5/16 HEAD SCREWS.

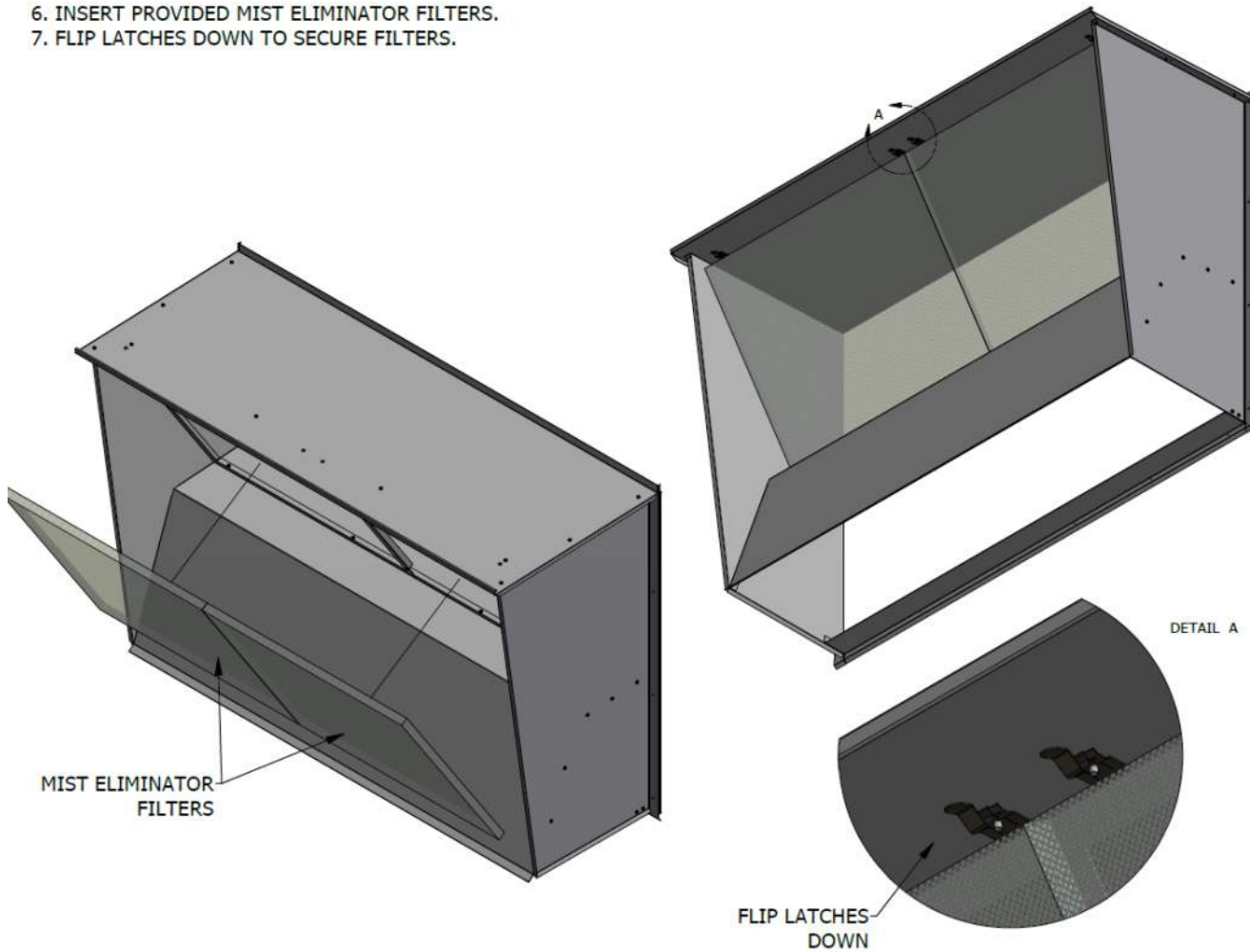


4. SLIDE FILTER RACK ASSEMBLY INTO HOOD IN THE POSITION SHOWN.
5. ATTACH USING THE PROVIDED 5/16" HEAD SCREWS.



Note:
Apply the included gasket material around the inside edges of the hood to seal to unit opening.

6. INSERT PROVIDED MIST ELIMINATOR FILTERS.
7. FLIP LATCHES DOWN TO SECURE FILTERS.





ECONOMIZER 101

Economizers are designed to provide “free” air conditioning when outside conditions are appropriate. When the outside air is cool and dry enough, the economizer automatically opens to introduce the cool air to the interior space, thereby eliminating the need to run the air conditioning compressor.

If the outside air becomes too warm or humid, the economizer automatically closes the fresh air damper and the compressor engages to begin cooling the space mechanically.

If a two stage thermostat is used it is possible to use a combination of economizer and mechanical cooling to condition the space.

The economizer can also be set to allow a minimum amount of fresh air to enter the space when the equipment’s indoor blower is operating.

Economizers are valuable tools to enhance indoor air quality, save energy and prolong the life of the air conditioning equipment.

SEQUENCE OF OPERATION

This sequence assumes employment of a single enthalpy economizer using a two stage thermostat.

1. A call for cooling comes from room thermostat.
2. The enthalpy sensor determines if the atmospheric conditions are conducive for using outside air for cooling. If YES, go to step 3. If NO, or if outdoor air temperature rises above dry bulb set point, go to step 4.
3. The outside air dampers open and modulate to maintain a mixed air temperature (outside air + indoor air) of 53 degrees F. If the outdoor air is insufficient to satisfy the thermostat alone and a second stage of cooling is required, the first stage compressor starts and works in conjunction with the economizer to cool the space. (Go to step 5).

4. Outdoor air dampers open to minimum position and the compressor engages to provide mechanical cooling.
5. When the thermostat is satisfied the outside air dampers return to a closed position.

INSTALLATION

1. Open the containers and inspect the contents for shortages and damage.
2. Remove the large evaporator access panel from the package unit and discard. Remove the smaller filter access panel.

Retain screws for attaching economizer hood.

3. Slide the base plate into the opening with the wider flange toward the outside of the unit and place it over the return air opening. It should be centered between the evaporator opening side posts. (Figure 1)
4. Slide the damper rack into the large opening until the front flange is against the evaporator support bracket. (Figure 2)



Figure 1



Figure 2

5. Slide the damper rack to the right until the damper side flanges are even with the evaporator access panel opening flange. The top flange of the damper rack should be even with or just inside the top cap of the unit. (Figure 3&4)

Warranty: Honeywell Jade components have 5 year parts warranty.
Workmanship and all other parts, 1 year parts only

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$$(T_o \times OA) + (T_r \times RA) = T_m$$

To = Outdoor air temperature

OA= Percent of outdoor air

Tr = Return air temperature

RA= Percent of return air

Tm= Resulting mixed air temperature

Example:

Fresh air required is 10% outdoor air.

Outdoor air temperature is 60 degrees F.

Return air temperature is 75 degrees F.

$$(0.1 \times 60) + (0.9 \times 75) =$$

$$6.0 + 67.5 = 73.5$$

Mixed air temperature will be 73.5 degrees F when the OA is 60 degrees F and the RA is 75 degrees F with 10% outdoor air.



Figure 3



Figure 4



Figure 5

6. Assemble the fresh air / barometric relief hood using the instructions in this document.
7. Install the hood assembly taking care to slide the top flange of the hood under the top cap of the unit.
8. Secure the hood with the screws from step 2.
9. Install the mist eliminators and secure them using the latches provided.
10. Locate the unit economizer 9 pin plug inside the evaporator section near the filter access opening and plug it into the corresponding 9 pin plug on the economizer.

NOTE: Ensure neither the wire nor the plugs interfere with the movement of the dampers during operation.

11. Remove the blower access panel on the unit and install the mixed air sensor on the blower housing toward the outside edge ensuring that the screws do not interfere with the blower wheel. (Figure 5)
12. Connect the pink mixed air sensor wire to the sensor and then feed the pink wire back to the Jade control and connect it on the MAT terminal.
13. Seal the hood using silicone or other approved method to ensure a water tight seal
14. Replace the blower and filter access panel.

CONTENTS	
QTY	DESCRIPTION
1	DAMPER w/ECONOMIZER CONTROLS
1	BASE PLATE
1	C7250A1001 MIXED AIR SENSOR
1	JADE ECONOMIZER MANUAL
1	INSTALLATION INSTRUCTION

ACCESSORIES / CAPABILITIES

Demand Control Ventilation - Requires a CO2 sensor.

Dual Enthalpy - Requires an additional C7400 enthalpy control installed in the return air duct.

Power Exhaust - SPE180300X, 145-DK-14X or 146-DK-14X power exhausts are used in applications where barometric relief is not sufficient.

Important Notes

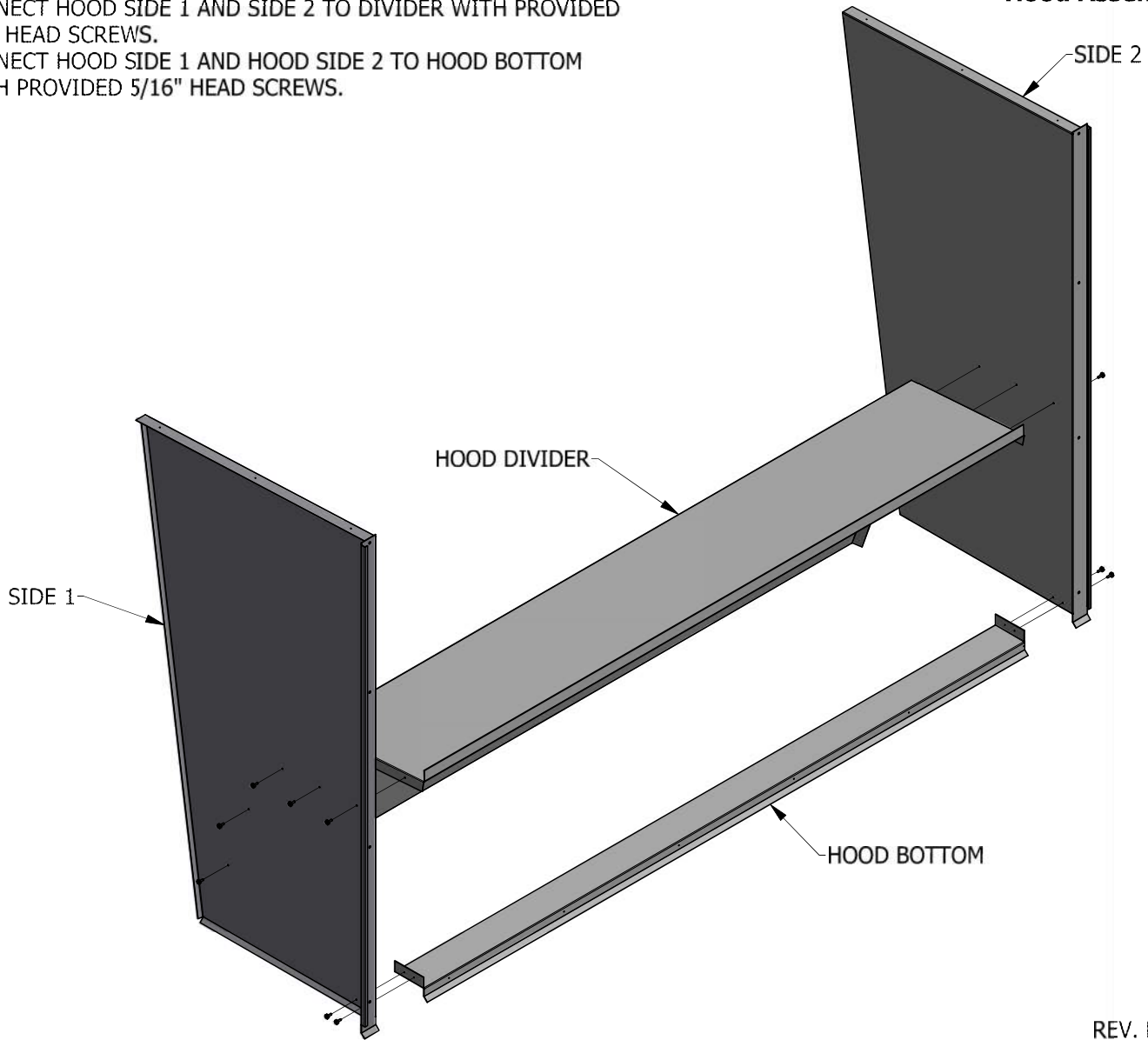
Please see enclosed brochure for Honeywell component trouble shooting and configuration instructions.

The fresh air mist eliminator should be flushed periodically with warm soapy water.

A two stage thermostat is recommended with this accessory

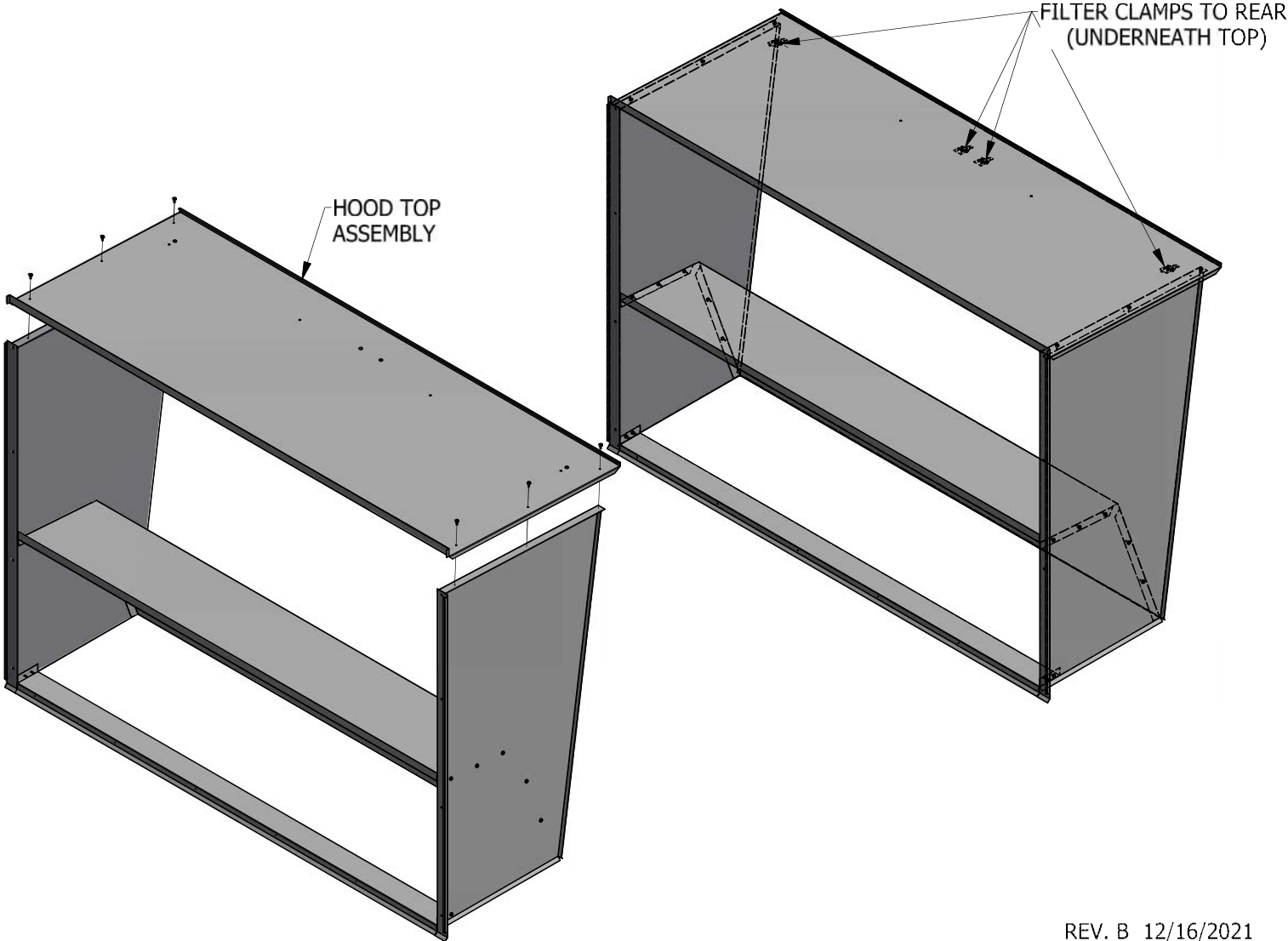
1. CONNECT HOOD SIDE 1 AND SIDE 2 TO DIVIDER WITH PROVIDED 5/16" HEAD SCREWS.
2. CONNECT HOOD SIDE 1 AND HOOD SIDE 2 TO HOOD BOTTOM WITH PROVIDED 5/16" HEAD SCREWS.

Hood Assembly



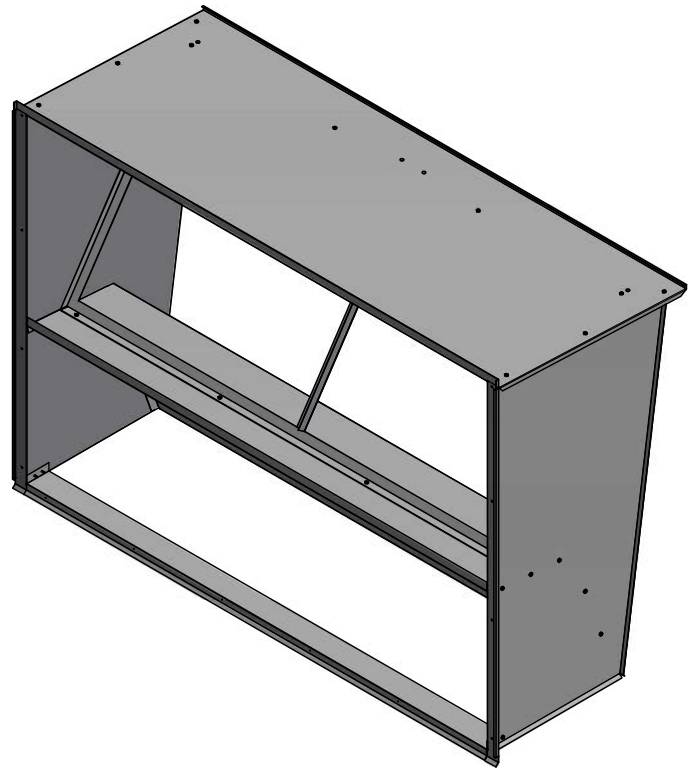
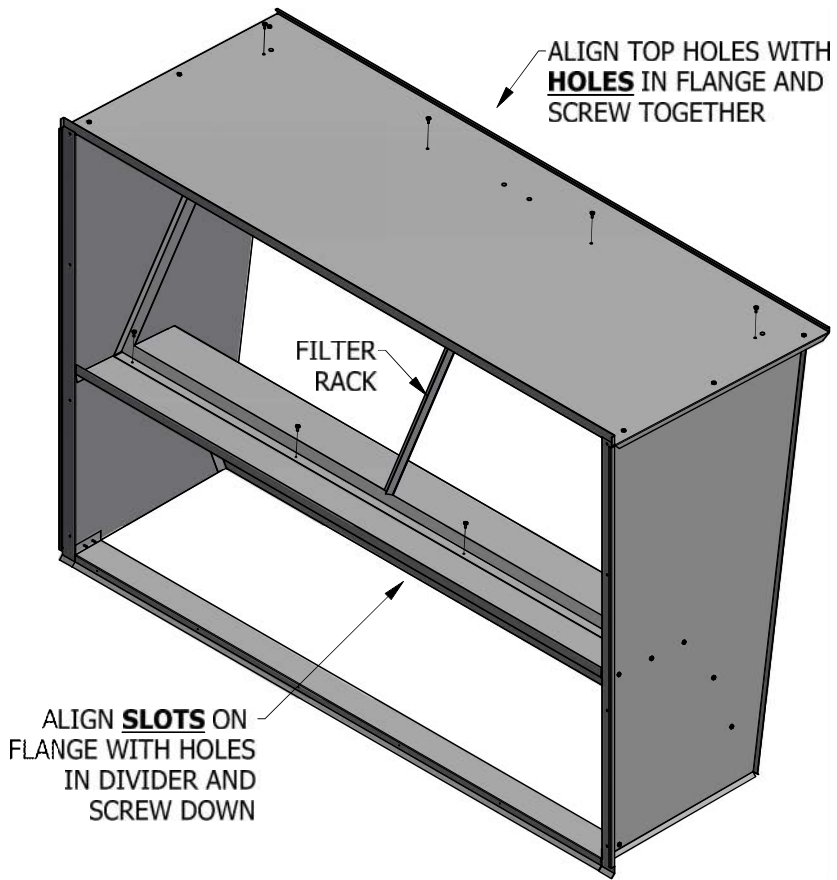
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3. CONNECT TOP ASSEMBLY TO SIDES USING PROVIDED 5/16 HEAD SCREWS.



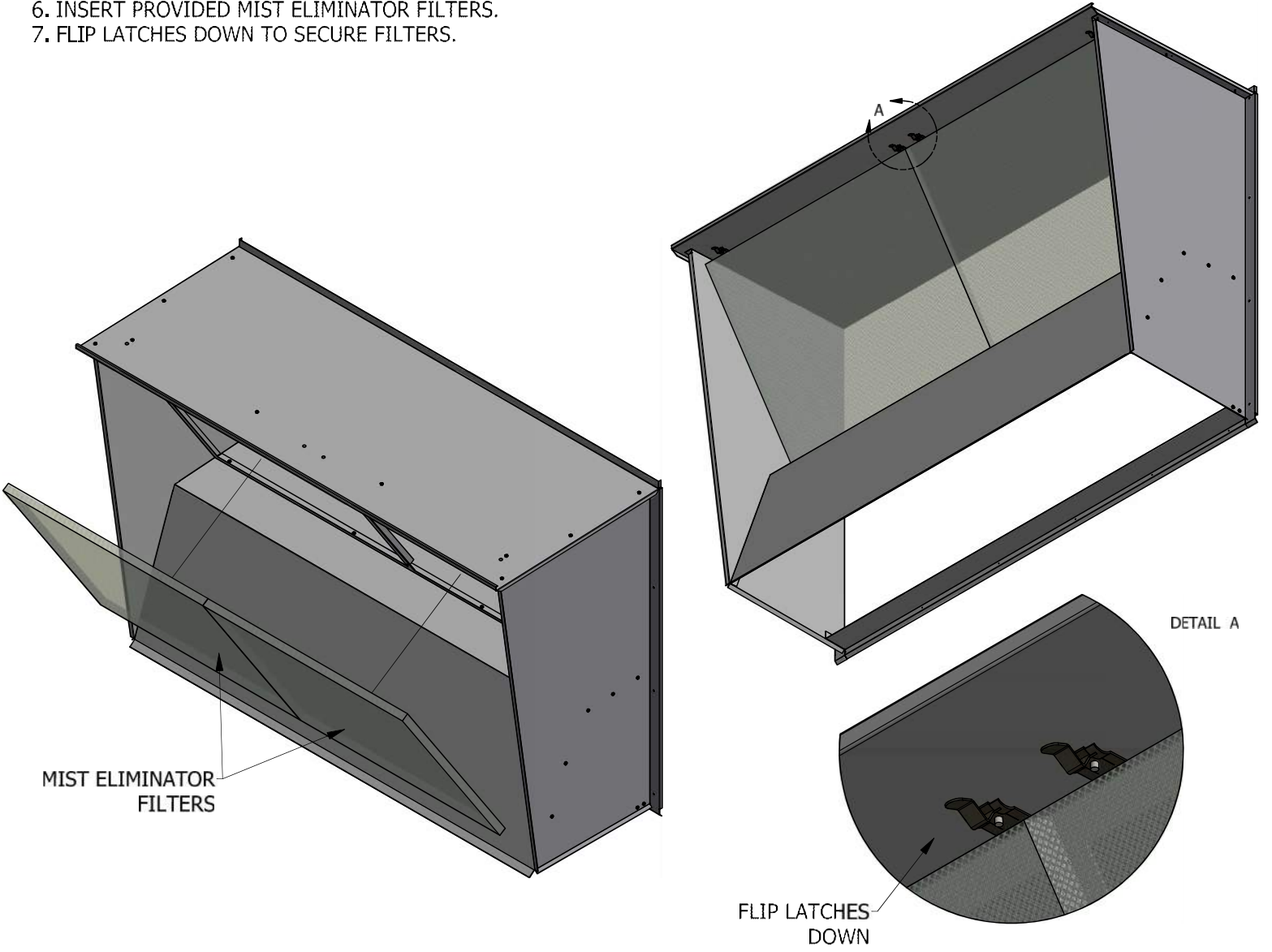
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4. SLIDE FILTER RACK ASSEMBLY INTO HOOD IN THE POSITION SHOWN.
5. ATTACH USING THE PROVIDED 5/16" HEAD SCREWS.

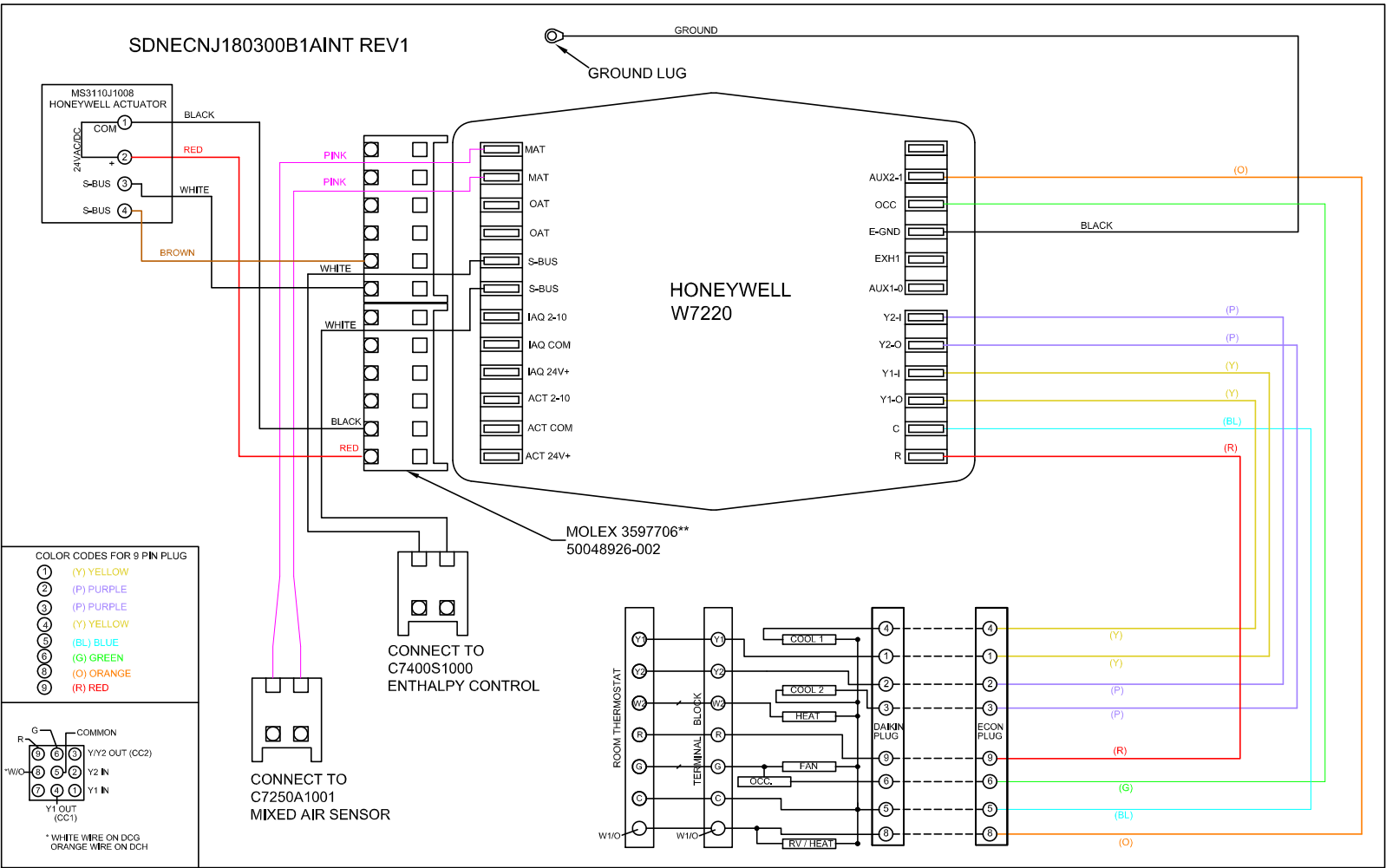


REV. B 12/16/2021

- 6. INSERT PROVIDED MIST ELIMINATOR FILTERS.
- 7. FLIP LATCHES DOWN TO SECURE FILTERS.



REV. B 12/16/2021



REV. B 12/16/2021

McDaniel Metals

281-987-8400 • 281-987-9494 (fax)
1318 Buschong, Houston, TX 77039
www.mcdanielmetals.com

SDNECNJ180300B1AINT

ULTRA LOW LEAK DOWNFLOW JADE
ECONOMIZER FOR DAIKIN
D*G180-300 AND D*C180-300 TITLE 24
COMPLIANT





Reliability Certification

Model: McDaniel Metals SDNECNJ180300B1AINT

The damper sections of this economizer are in full compliance with the reliability requirements set forth in California Title 24 Building Efficiency Standard as verified by Energistics Laboratory, Houston TX. The standard states:

"Suppliers of economizers shall certify that the economizer assembly, including but not limited to outdoor air damper, return air damper, drive linkage and actuator have been tested and are able to open and close against the rated airflow and pressure of the system after 60,000 damper opening and closing cycles."

Test Start Information	
Test Number: 0765	
Start Date: 5/23/2019	
Start Time: 1:30 P.M.	
Test Operator: Ernesto Arriaga	
Signature:	
	Digitally signed by earriaga@energisticslab.com DN: cn=earriaga@energisticslab.com Date: 2020.05.21 07:27:41 -05'00'
Test End Information	
End Date: 3/11/2020	
End Time: 8:45 A.M.	
Cycles: 60,285	
Test Operator: Ernesto Arriaga	
Signature:	
	Digitally signed by earriaga@energisticslab.com DN: cn=earriaga@energisticslab.com Date: 2020.05.21 07:27:56 -05'00'
Economizer Information:	
OEM: Daikin	
OEM Part Number: SDNECNJ180300B1AINT	
McDaniel Metals Part Number: SDNECNJ180300B1AINT	
Actuator: Honeywell MS3110J	
Actuator Torque: 88 lbs-in.	

This economizer design has been rated and approved to open and close against the rated airflow of this system after opening and closing for at least 60,000 cycles.

McDaniel Metals Engineering Manager



Date 6-27-2020

Leakage Test

McDaniel Metals SDNECNJ180300B1AINT (Actuator Changed), Client Free Area: 10.38, Core Area: 10.38, Blade Type: Airfoil

Test Details	Device Under Test	Psychrometric Data	
Experiment Number: 1800 Test Number: 765 LTO Number: N/A Date: 8/29/2019 Personnel: TF Witness(es): Lab: Energistics Laboratory Location: 4633 Winfield Houston, TX 77039 Program Version:	Manufacturer: McDaniel Metals Model: SDNECNJ180300B1AINT (Actuator Changed) Unit Size: Client Free Area: 10.38 Core Area: 10.38 Damper Type: Economizer Blade Orientation: Horizontal Flow Direction: Fresh Air Opening Blade Type: Airfoil Blade Action:	T _D : 71.89 T _W : 61.2 %RH: 52.71 P _{BAR} : 29 ρ ₀ : 0.0719 ρ ₀ /ρ: 0.9590	
		Primary 1 A: 30.4 B: 0.4963 Source: POP 1 1/2	
Comments: Pass: Max CFM allowed per sq/ft = 3 (Inlet = 10.38 sq/ft. ; Max CFM allowed = 31.14) Max CFM allowed does not exceed 31.14 CFM. Actuator Changed.			

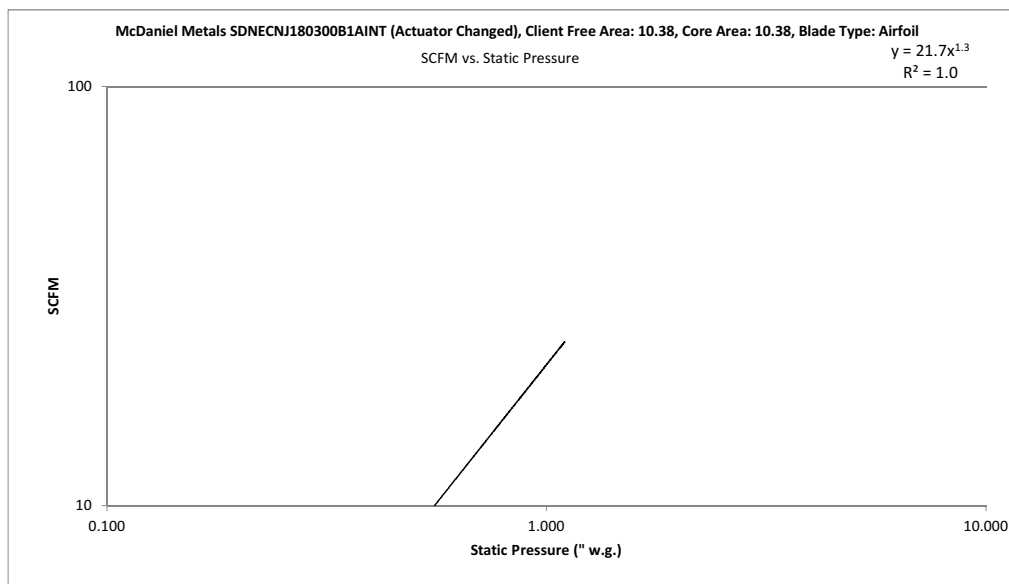
Leakage Test

Enter Static

CFM	Static Pressure
24.6	1.10
21.69	1.00
18.88	0.90
16.16	0.80
13.55	0.70
11.05	0.60
8.69	0.50
6.47	0.40
4.43	0.30
2.59	0.20
1.04	0.10

Equation Coefficients

A:	21.7
B:	1.3
R ² :	0.9



Leakage Test

McDaniel Metals SDNECNJ180300B1AINT (Actuator Changed), Client Free Area: 10.38, Core Area: 10.38, Blade Type: Airfoil

Test Details	Device Under Test	Psychometric Data		
Experiment Number: 1800 Test Number: 765 LTO Number: N/A Date: 8/29/2019 Personnel: TF Witness(es): Lab: Energistics Laboratory Location: 4633 Winfield Houston, TX 77039 Program Version:	Manufacturer: McDaniel Metals Model: SDNECNJ180300B1AINT (Actuator Changed) Unit Size: Client Free Area: 10.38 Core Area: 10.38 Damper Type: Economizer Blade Orientation: Horizontal Flow Direction: Return Air Opening Blade Type: Airfoil Blade Action:	T _D : 77.7 T _w : 63.96 %RH: 44.97 P _{BAR} : 29 ρ ₀ : 0.0711 ρ ₀ /p: 0.9483		
		Primary 1 A: 30.4 B: 0.4963 Source: POP 1 1/2		
Comments: Pass: Max CFM allowed per sq/ft = 3 (Inlet = 10.38 sq/ft. ; Max CFM allowed = 31.14) Max CFM allowed does not exceed 31.14 CFM. Actuator Changed.				

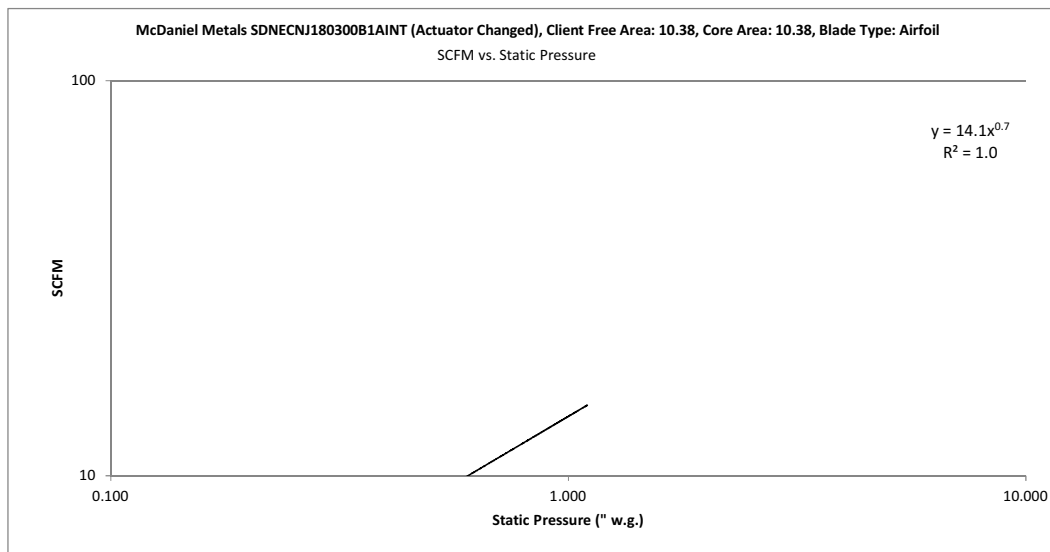
Leakage Test

Enter Static

CFM	Static Pressure
15.08	1.10
14.13	1.00
13.15	0.90
12.13	0.80
11.07	0.70
9.96	0.60
8.79	0.50
7.54	0.40
6.19	0.30
4.69	0.20
2.92	0.1

Equation Coefficients

A:	14.1
B:	0.7
R ² :	1.0



Pressure Drop

McDaniels SDNECNJ180300B1AINT, Parallel hp

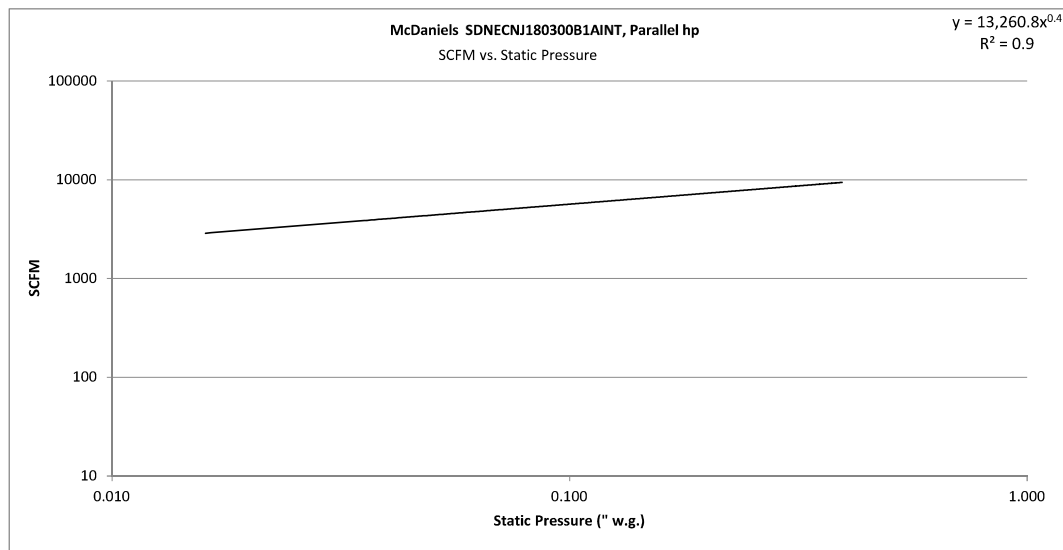
Test Details	Device Under Test	Psychometric Data
Experiment Number: 1800 Test Number: TST0765 LTO Number: Date: 9/23/2019 Personnel: EA Witness(es): Lab: Energistics Laboratory Location: 4633 Winfield Houston, TX 77039 Program Version:	Manufacturer: McDaniels Model: SDNECNJ180300B1AINT Unit Size: Client Free Area: Core Area: Damper Type: Economizer Blade Orientation: Horizontal Flow Direction: Return Air Opening Blade Type: Blade Action: Parallel	T _D : 80.1 T _w : 67.8 %RH: 51.75 P _{BAR} : 28.94 ρ ₀ : 0.0706 ρ ₀ /ρ: 0.9408
		Primary 1 A: 6050 B: 0.5 Source:
Comments: Pressure drop retest.		

Pressure Drop

Enter CFM

10000 CFM	Static Pressure
10000	0.47
8000	0.26
6000	0.12
4000	0.04
2000	0.01

Equation Coefficients	
A:	13260.8
B:	0.4
R ² :	0.9



Pressure Drop

McDaniels SDNECNJ180300B1AINT, Parallel hp

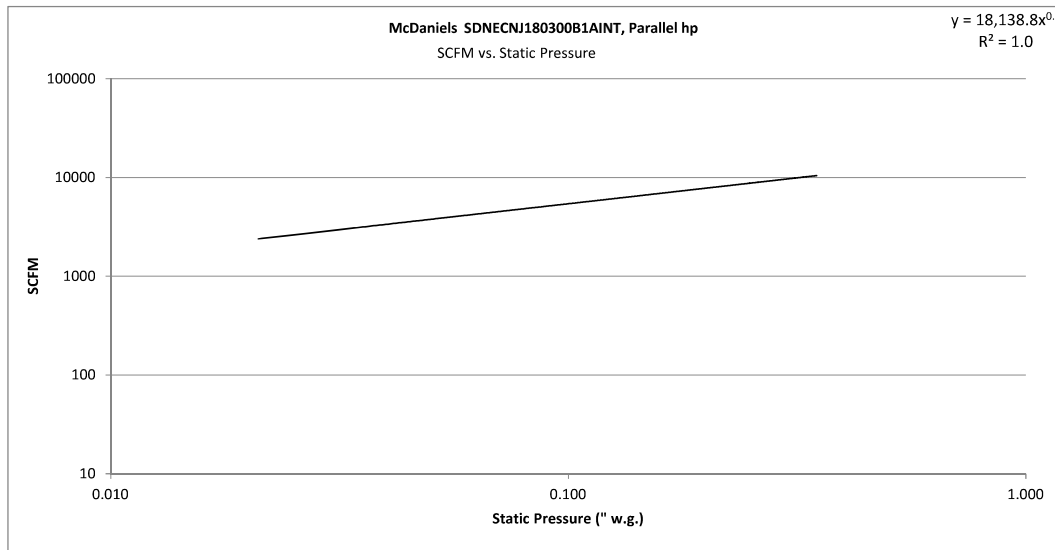
Test Details	Device Under Test	Psychometric Data		
Experiment Number: 1800 Test Number: TST0765 LTO Number: Date: 9/23/2019 Personnel: EA Witness(es): Lab: Energistics Laboratory Location: 4633 Winfield Houston, TX 77039 Program Version:	Manufacturer: McDaniels Model: SDNECNJ180300B1AINT Unit Size: Client Free Area: Core Area: Damper Type: Economizer Blade Orientation: Horizontal Flow Direction: Fresh Air Opening Blade Type: Blade Action: Parallel	T _D : 80.1 T _W : 67.8 %RH: 51.75 P _{BAR} : 28.94 ρ ₀ : 0.0706 ρ ₀ /ρ: 0.9408		
		Primary 1 A: 6050 B: 0.5 Source:		
Comments: Pressure Drop retest.				

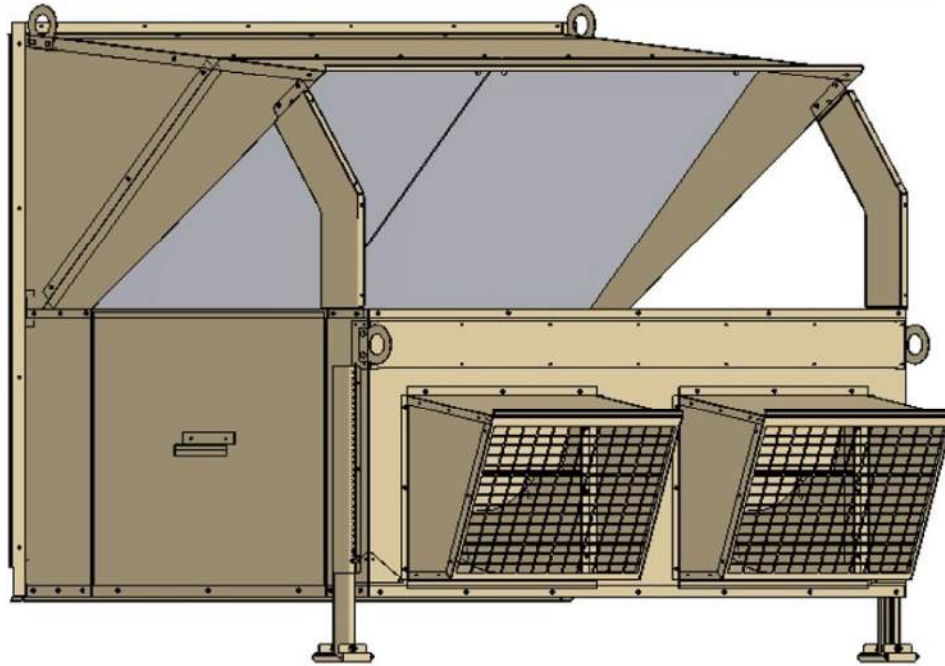
Pressure Drop

Enter CFM

CFM	Static Pressure
10000	0.32
8000	0.21
6000	0.12
4000	0.06
2000	0.01

Equation Coefficients	
A:	18138.8
B:	0.5
R ² :	0.9





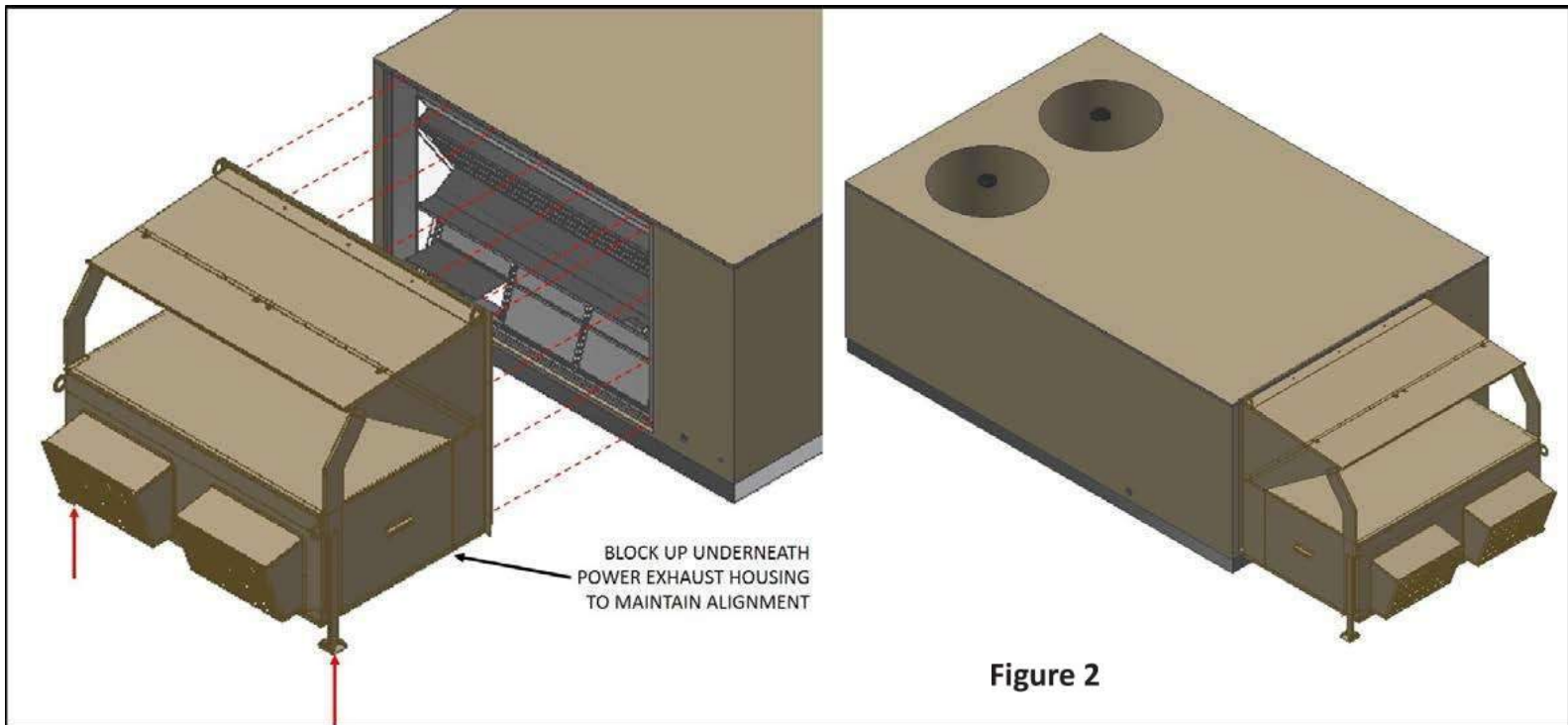
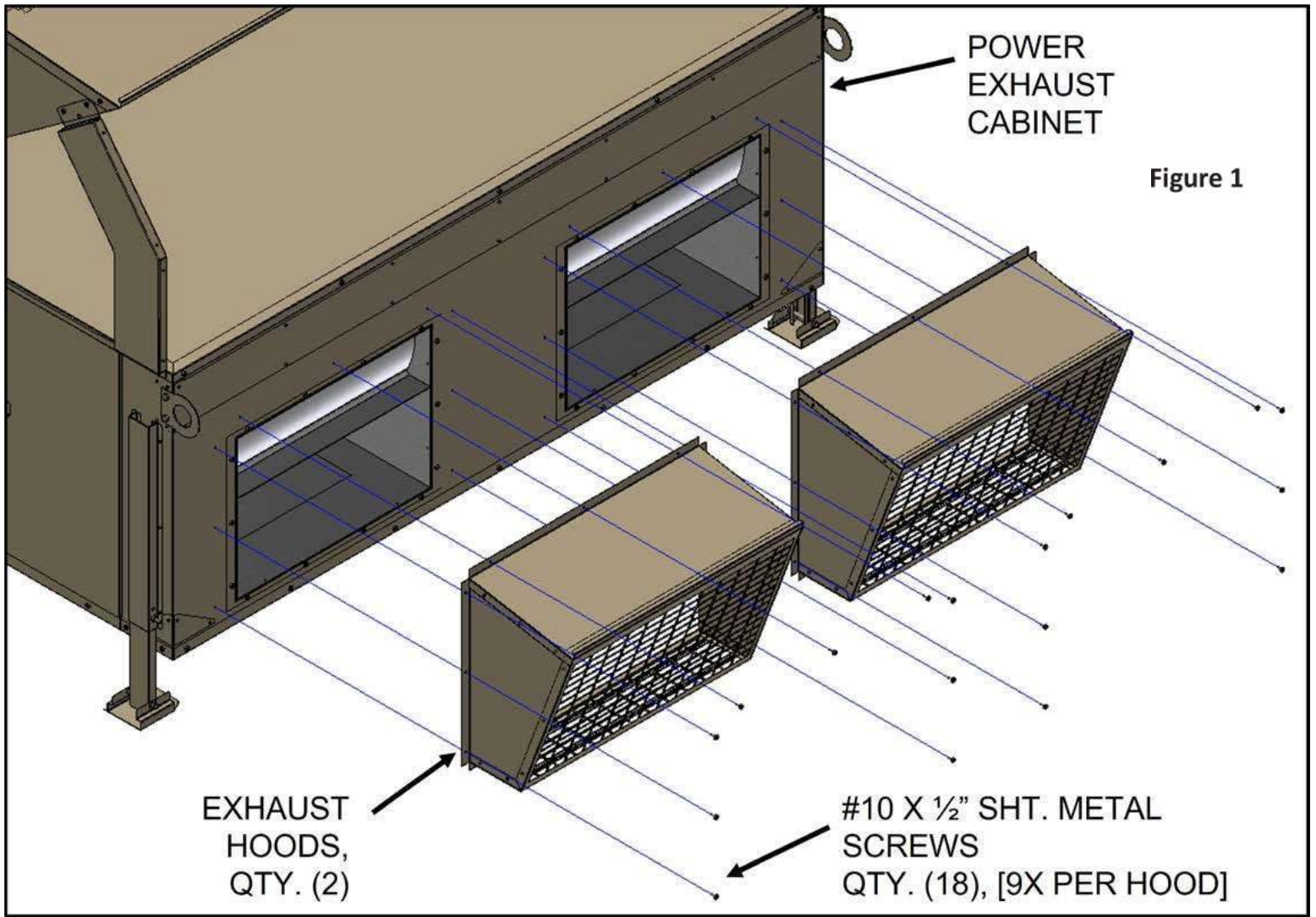
SEQUENCE OF OPERATION – HONEYWELL JADE

This sequence assumes employment of a single enthalpy economizer using a two-stage thermostat.

1. A call for cooling comes from a room thermostat.
2. The enthalpy sensor determines if the atmospheric conditions are conducive for using outside air for cooling. If YES, the fresh air damper section of the economizer begins to open.
3. The EXH SET potentiometer should be set such that when the fresh air dampers are open approximately 70% of their full open capacity, EXH1 is energized and the modulating power exhaust control system is energized.
4. A pressure transducer contained within the power exhaust control system will measure building static pressure, and if this pressure is greater than a predetermined setpoint programmed within the motor Variable Frequency Drive (VFD), the VFD will energize the blower motor and regulate its speed to drive the building static pressure back down to its setpoint. The pressure transducer can regulate building static pressure between 0.0 – 0.1" water column (W.C.), and the setpoint is factory programmed at 0.02" W.C. These instructions contain a procedure for altering the setpoint by field personnel.
5. When the dampers modulate below the 70% open position due to a satisfied thermostat or atmospheric conditions, the power exhaust disengages immediately.

INSTALLATION WITH ECONOMIZER

1. Open carton and inspect contents for shortages and damage.
2. Per Figure 1, attach (2) exhaust hoods to cabinet using 18X provided sheet metals screws.
3. Using suitable rigging equipment and the four lifting eyes, lift the power exhaust to its installation location.
4. Verify the control box is located on the correct side, otherwise move it to the other side of the cabinet, which has pre-cut mounting holes.
5. Turn off main disconnect power to the rooftop unit. Also verify it has enough load capacity to additionally power this power exhaust.
6. If the economizer is already fully installed, remove the economizer hood, and discard. If a new installation, do not install the economizer hood, but install the economizer per its provided instructions.
7. Remove the filter and horizontal access panels.
8. Slide the support legs through the guides, and suitably block up the power exhaust to align it with the rooftop unit opening. See Figure 2.
9. Remove the power exhaust cabinet door and locate the high voltage power wires and low voltage control signal wires. See Figure 3.
10. Feed the line voltage and low voltage wires through the knockouts provided in the economizer, per Figure 4.
11. Attach the power exhaust flanges to the economizer with (14) screws, and shim legs to suit fit-up.



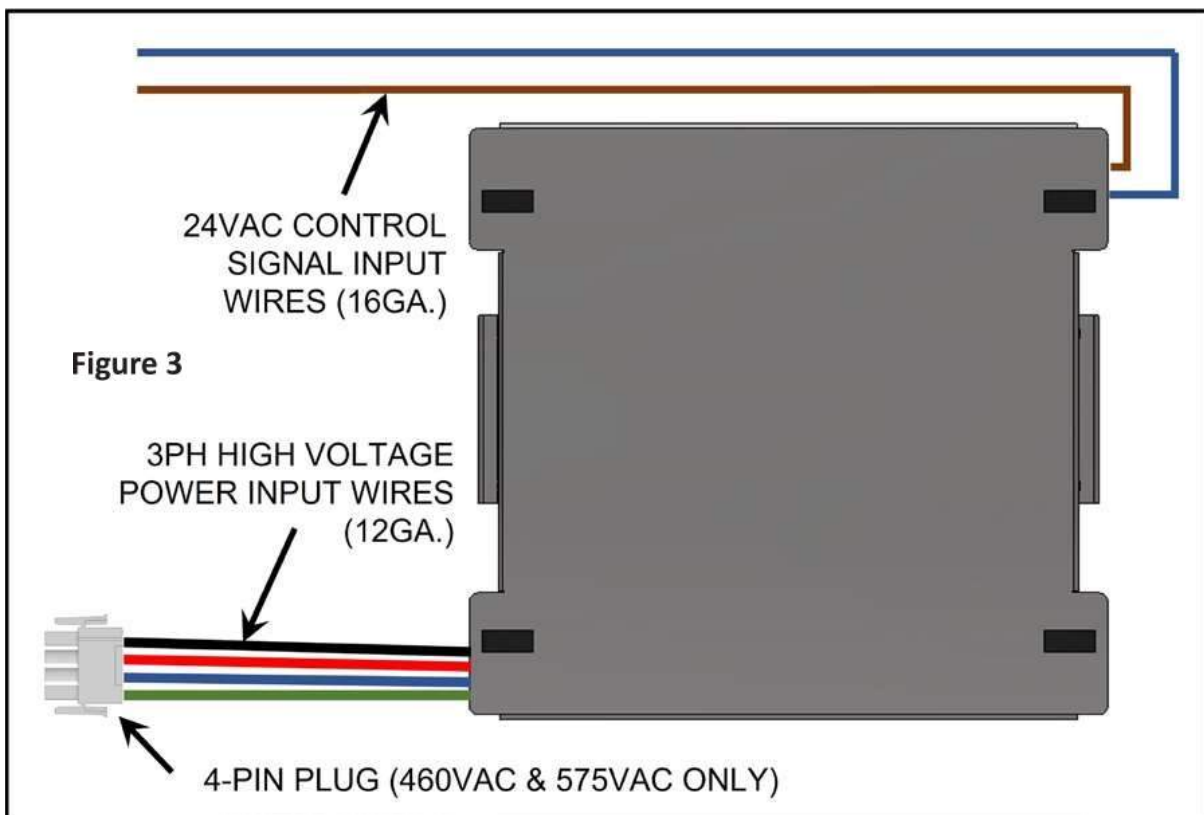


Figure 4
 (Remove the bushing, cut it in one place, twist it to fit the control & power wires into it, then re-insert it into the economizer hole)

INSTALLATION WITH ECONOMIZER (cont.'d)

12. Attach the low voltage wires to 'EXH1' and 'C' of the 7220 Jade control module on the economizer, using the provided connectors per Figures 5 & 6.
NOTE: For a DDC Controller application, remove the control harness spade terminals from the relay coil in Figure 5, and discard the harness & Jade side connectors. Connect the DDC Economizer 'Power Exhaust' control wires to the same terminals on this relay.
13. For 460VAC & 575VAC installations, plug the 4-pin male power plug into the female power plug located in the return cavity of the rooftop unit. For a 208-230VAC installation, terminate the BLACK, RED & BLUE power wires directly to the power block located in the rooftop unit, & connect the GREEN wire to a suitable 'earthed' ground.
14. On the Jade controller, set the position at which the exhaust will be ready to energize under the SETPOINTS menu.
15. The installer will be responsible for providing Clear Vinyl Tubing, 5/16" O.D. X 3/16" I.D. (Parker P/N PV53-1 or equal), to connect from the High Pressure hose barb on the side of the control box, to a predetermined location of where the building static pressure will be measured from. Typically, this would be a wall plate mounted in a centrally located pick-up location, away from drafts. Connect per Figure 7.
16. Reinstall the filter and horizontal access panels.

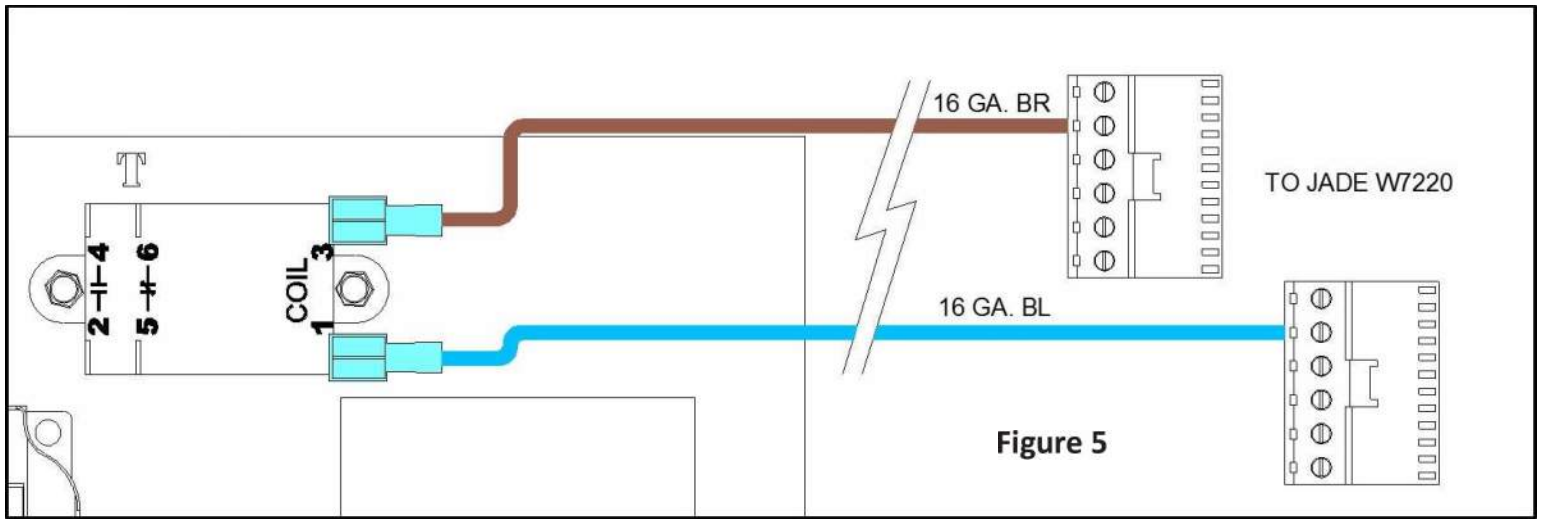


Figure 5

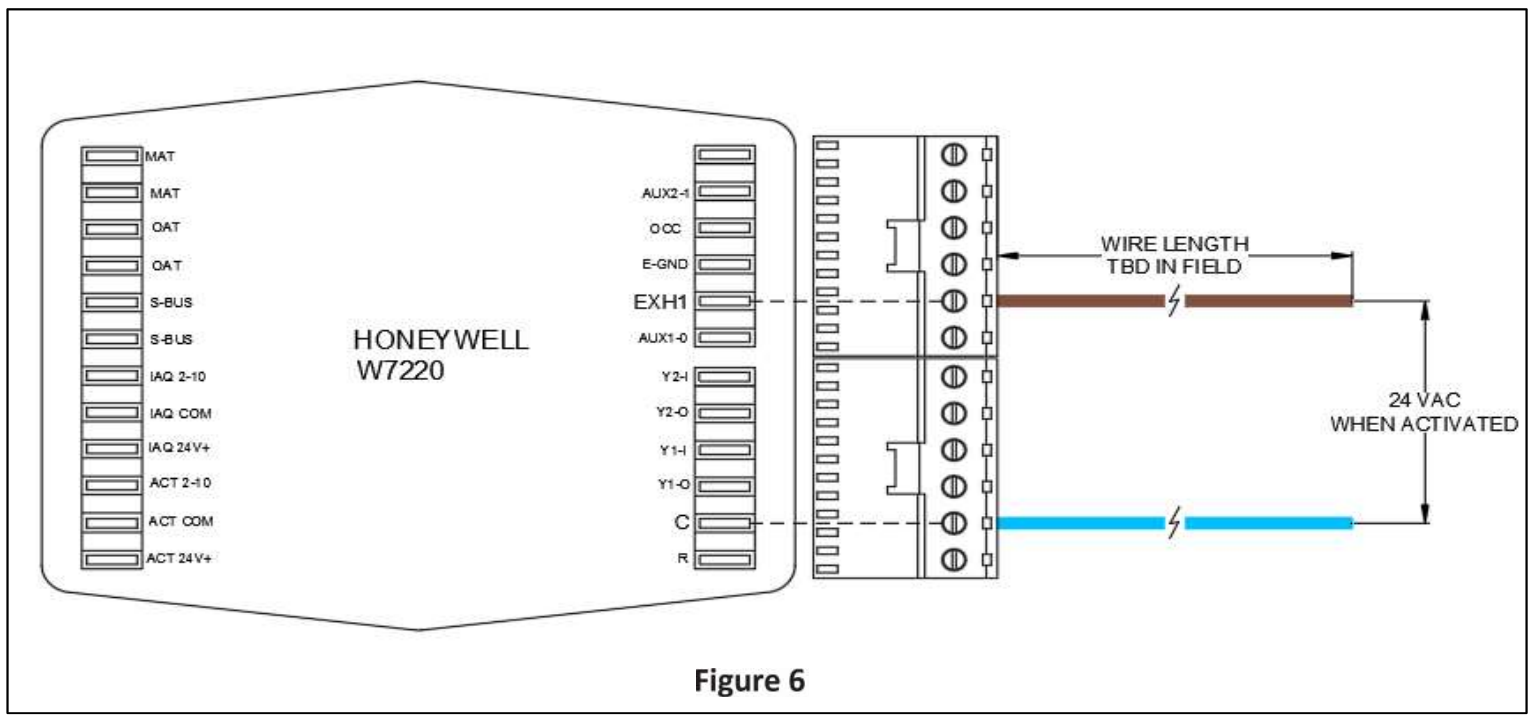


Figure 6

INSTALLATION WITH ECONOMIZER (cont'd)

17. Turn on main disconnect power. The GA500 Vector Drive Digital Operator (digital display) should illuminate after a few seconds. However, the power exhaust blower motor will not operate unless it receives both a 24VAC signal from the Jade controller AND the building static pressure is at least the factory-default setpoint of 0.02" W.C.
18. If the blower motors start, check for proper rotation of each motor by determining air is being exhausted through the exhaust hoods. The correct motor forward direction is as shown in Figure 8, when facing the motor from the pulley side.
19. To reverse direction of a motor, turn off the main disconnect power, and swap any TWO power legs (L1, L2 or L3) of either motor overload in the control box.
20. Turn the main disconnect power back on and verify proper blower motor rotation.
21. If the blower motors did not start up, verify 24VAC at the coil of the control box relay, terminals 1 and 3, per Figure 5. If there is no 24VAC, go the next step.
22. Remove the horizontal access panel.

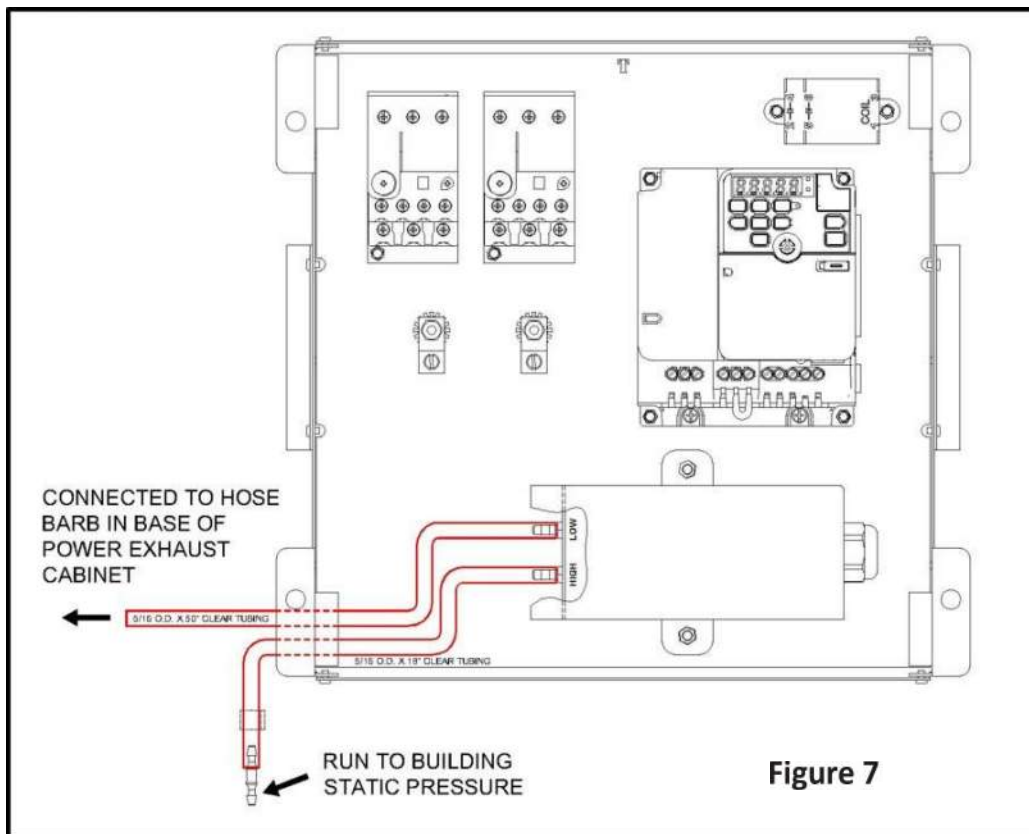


Figure 7

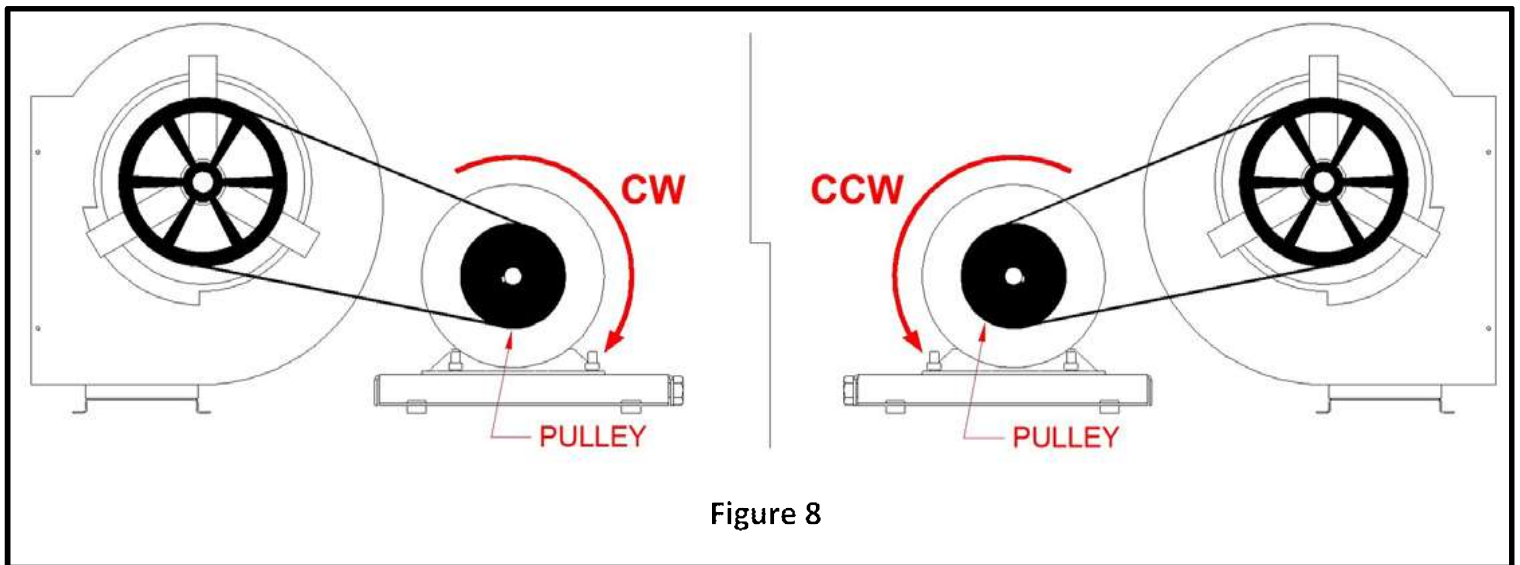


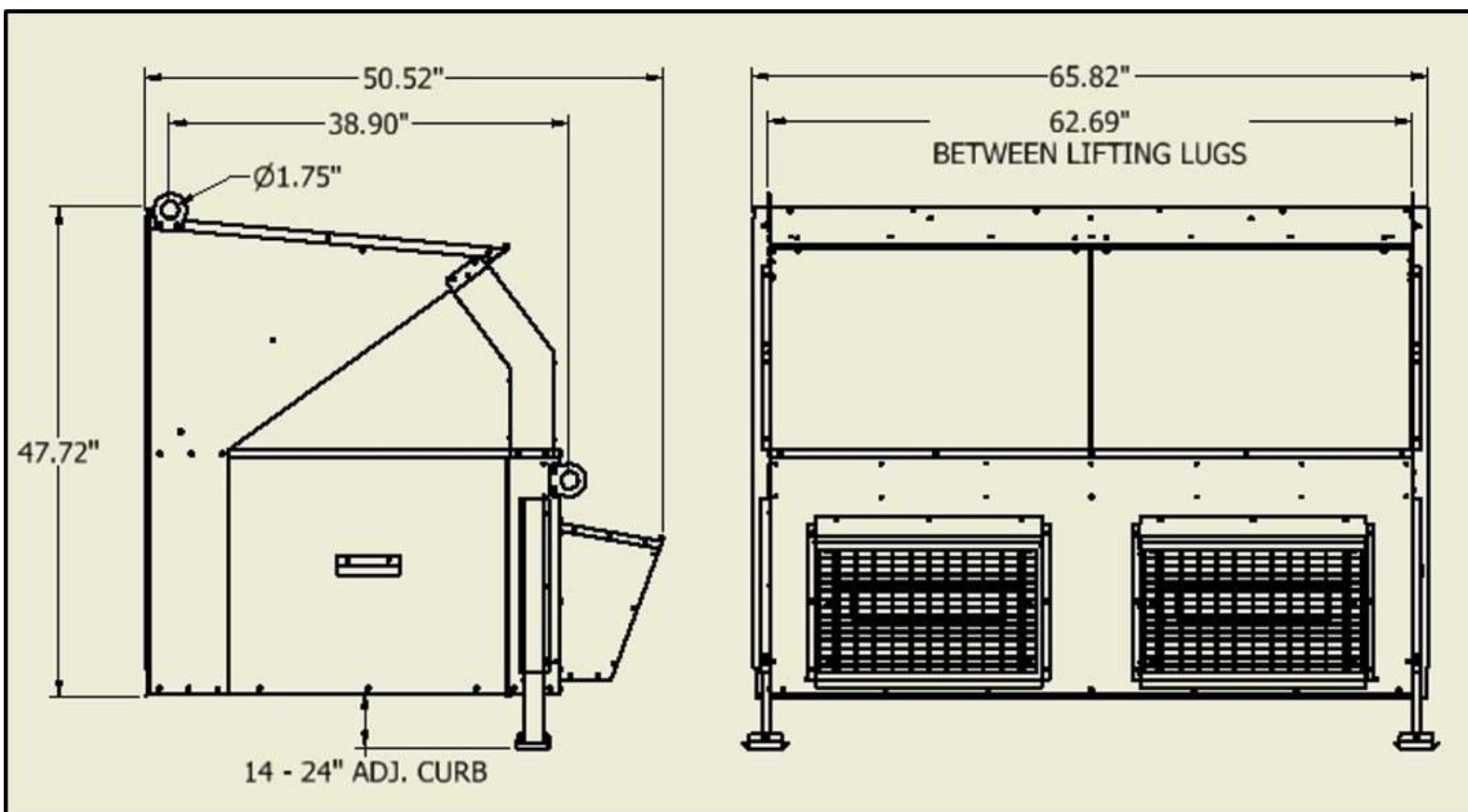
Figure 8

INSTALLATION WITH ECONOMIZER (cont'd)

23. On the Jade controller, go to the Menu CHECKOUT, and select Parameter CONNECT EXH1. This will send 24VAC to the power exhaust relay.
24. If the blower motors still do not run, slightly squeeze the building static pressure hose connected to the side hose barb on the control box, just before the hose barb, then squeeze it again between the first pinch point and the control box. The blower motors should start up, as forcing a little bit of pressure to the pressure transducer will exceed the 0.02" water gauge default setpoint.
25. Repeat the above steps to assure the blower motors are rotating in the proper direction.
26. Set the Jade Controller back to the STATUS menu.
27. Re-attach the horizontal access panel, control box cover and the power exhaust cabinet door.

Product Specifications

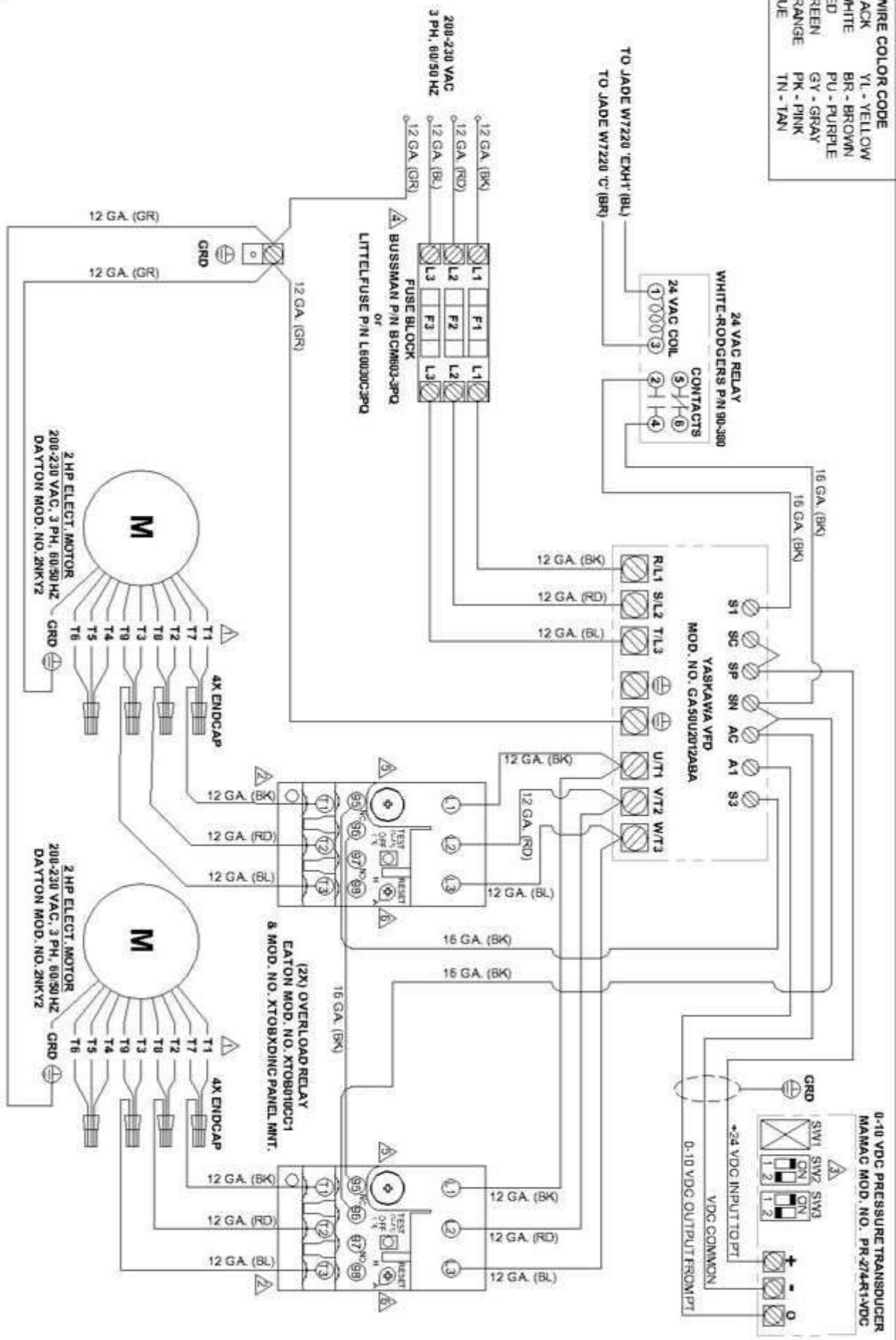
MODULATED MCM MODEL NO.	TONNAGE	VOLT.	PH.	MOTOR			UNIT				
				QTY.	H.P.	RPM	FLA	MCA	FUSE SIZE	MAX. CFM	BLOWER SIZE
145-DK-142	15 to 25	208-230		2	2	1745	13.9	17.4	20	9750	A12-15A
145-DK-144		460					8.1	10.1	12		
145-DK-147		575					8.3	10.4	12		



CONTENTS	
QTY	DESCRIPTION
1	POWER EXHAUST CABINET ASSEMBLY
2	EXHAUST HOOD ASSEMBLY
2	LEG ASSEMBLY
18	SHT. MTL. SCREWS, #10 x 1/2" LG.
2	HEX HD BOLT, 1/4-20UNC X 2-3/4" LG.
2	S/L HEX NUT, 1/4-20UNC
2	TERMINAL BLOCK, 6-PIN JADE CONNECTOR
1	YASKAWA GA500 / A1000 DOCUMENTATION
1	INSTALLATION INSTRUCTION

WIRE COLOR CODE

BK - BLACK	YL - YELLOW
WH - WHITE	BR - BROWN
RD - RED	PU - PURPLE
GR - GREEN	GY - GRAY
OR - ORANGE	PK - PINK
BL - BLUE	TN - TAN

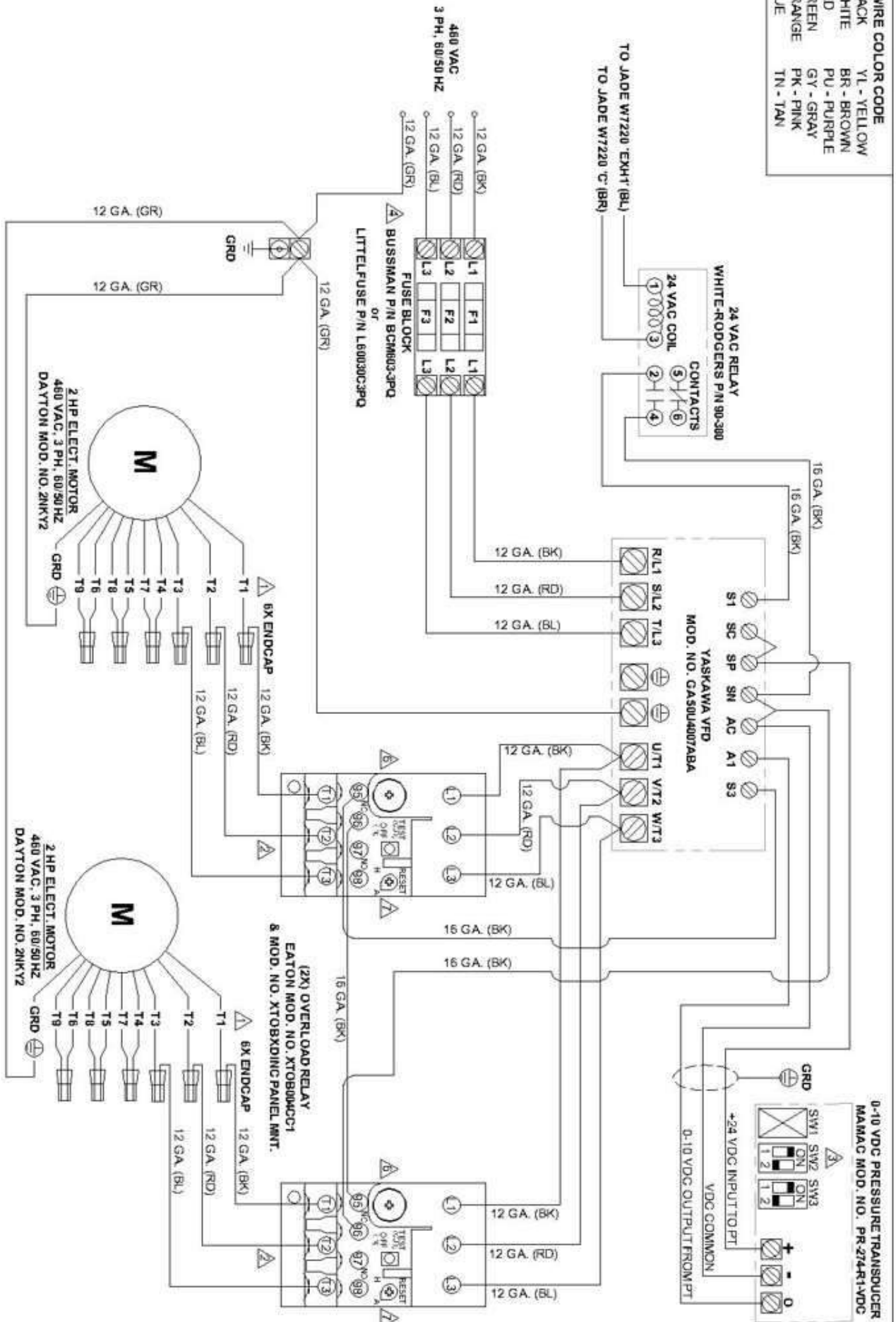


- NOTES:**
- △ WIRED FOR 208-230 VAC, 3 PHASE, 60/50 HZ, PER DAYTON MODEL NO. 2MKY2
 - △ TO REVERSE ROTATION OF MOTOR, INTERCHANGE ANY TWO LEADS OF T1, T2 OR T3
 - △ SWITCHES SHOULD BE SET AS SHOWN (FACTORY DEFAULT), TO PROVIDE 0-10VDC OUTPUT @0-10" W.C. SWITCH
 - △ SW1 IS FACTORY SEALED AND CANNOT BE ADJUSTED
 - △ USE 3X LITTELFUSE PIN KLDOR-020, 20 AMP CLASS CC, DUAL ELEMENT TIME DELAY FUSE
 - △ SET THE OVERLOAD RELAY CURRENT DIAL TO A TRIP POINT OF 70AMPS
 - △ SET THE OVERLOAD RELAY 'RESET' SELECTOR KNOB TO AUTOMATIC RESET, OR 'A', THE THERMAL OVERLOADS MAY REQUIRE COOLING DOWN BEFORE AUTOMATIC RESETTING OCCURS.

Drawn by:	B. KELL	MCDANIEL METALS INC.	
Date submitted:	09/17/2021		
Checked by:	MG		
Date checked:	09/17/2021		
Customer:	DAIKIN	Part Part No:	145-DK-142
Customer Part No:	145-DK-142	M.H. Drawn by:	REV:
			3

WIRE COLOR CODE

BK - BLACK	YL - YELLOW
WH - WHITE	BR - BROWN
RD - RED	PU - PURPLE
GR - GREEN	GY - GRAY
OR - ORANGE	PK - PINK
BL - BLUE	TN - TAN



NOTES:

- ▲ WIRED FOR 480 VAC, 3 PHASE, 60/50 HZ, PER DAYTON MODEL NO. 2NKKY2.
- ▲ TO REVERSE ROTATION OF MOTOR, INTERCHANGE ANY TWO LEADS OF T1, T2 OR T3.
- ▲ SWITCHES SHOULD BE SET AS SHOWN (FACTORY DEFAULT), TO PROVIDE 0-10VDC OUTPUT @ 0-0.10" W.C. SWITCH.
- ▲ SW1 IS FACTORY SEALED AND CANNOT BE ADJUSTED.
- ▲ USE 3X LITTELFUSE P/N KLDK-012, 12 AMP CLASS CC, DUAL ELEMENT TIME DELAY FUSE.
- ▲ SET THE OVERLOAD RELAY CURRENT DIAL TO A TRIP POINT OF 35 AMPS.
- ▲ SET THE OVERLOAD RELAY 'RESET' SELECTOR KNOB TO AUTOMATIC RESET OR 'A'. THE THERMAL OVERLOADS MAY REQUIRE COOLING DOWN BEFORE AUTOMATIC RESETTING OCCURS.

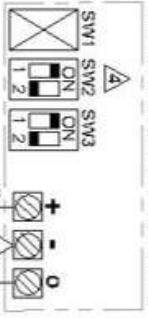
DESIGNER:	B. KELL	DATE COMPLETED:	05/18/2021
CHECKED BY:	MS	DATE CHECKED:	05/18/2021
CUSTOMER:	DAIKIN	CUSTOMER PART NO.:	145-DK-144
REV:	3		

MCDANIEL METALS INC.

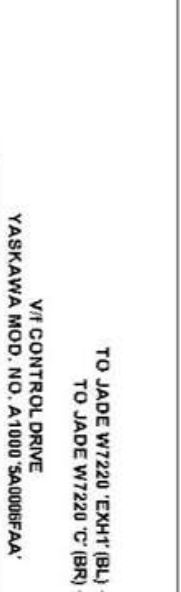
WIRE COLOR CODE

BK - BLACK	YL - YELLOW
WH - WHITE	BR - BROWN
RD - RED	PU - PURPLE
GR - GREEN	GY - GRAY
OR - ORANGE	PK - PINK
BL - BLUE	TN - TAN

0-10 VDC PRESSURE TRANSDUCER
MAMAC MOD. NO. PR-214-R1-VDC



01 02 03 04 05 06 07 08
TERMINAL BLOCK 11B9
GRAINGER P/N 6YH86

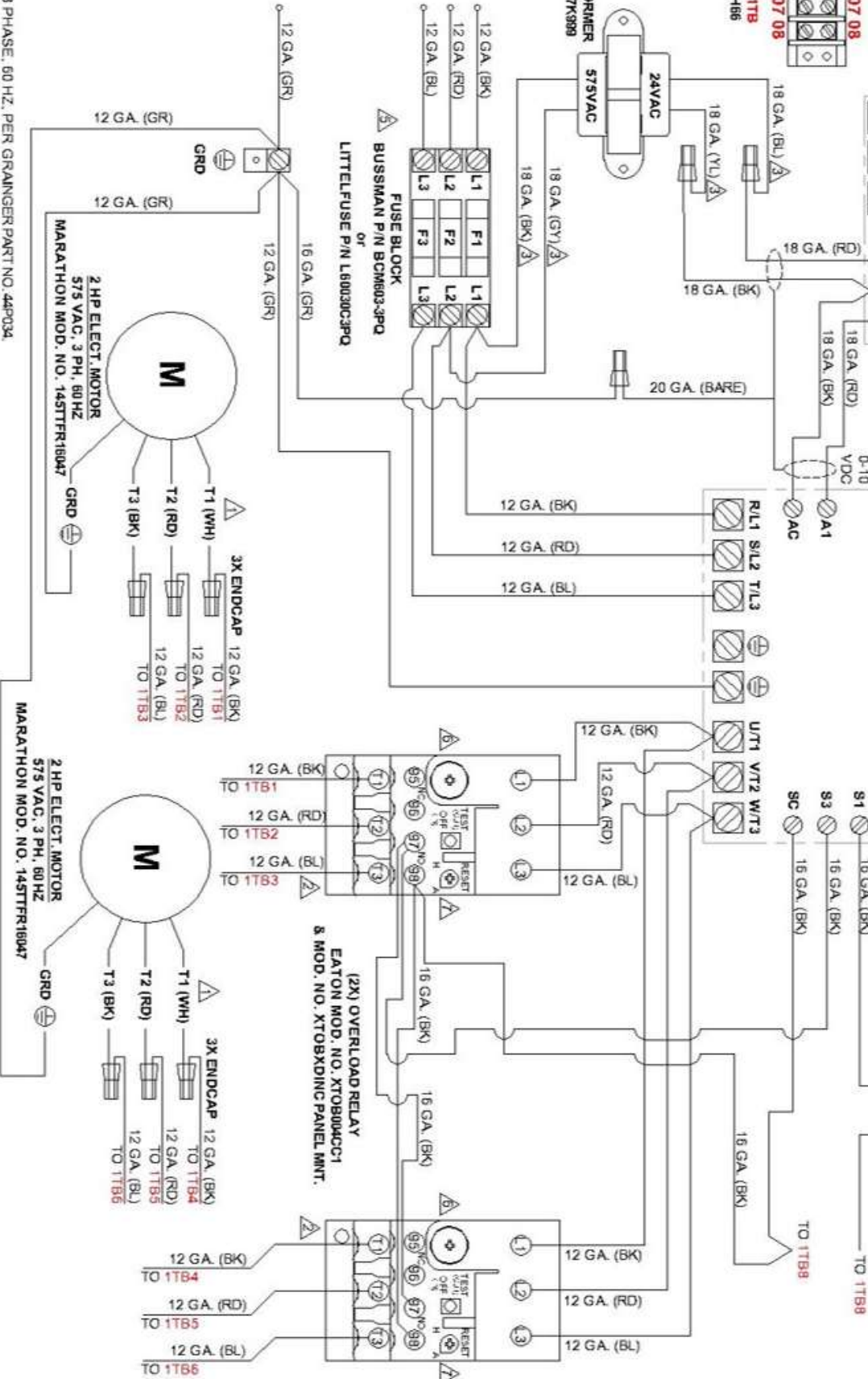


24 VAC RELAY
WHITE-RODGERS P/N 90-390

YASKAWA MOD. NO. A1000 5A0005FAA
V/F CONTROL DRIVE

575 / 24VAC TRANSFORMER
TYCO P/N 4000-78E07K998

575 VAC
3 PH, 60 HZ



NOTES:

- 1 WIRED FOR 575 VAC, 3 PHASE, 60 HZ, PER GRAINGER PART NO. 44P034
- 2 TO REVERSE ROTATION OF MOTOR, INTERCHANGE ANY TWO LEADS OF T1, T2, OR T3.
- 3 USE THE TRANSFORMER WIRES FOR THESE CONNECTIONS.
- 4 SWITCHES SHOULD BE SET AS SHOWN (FACTORY DEFAULT), TO PROVIDE 0-10 VDC OUTPUT @ 0.0, 10° W.C. SWITCH SW 1 IS FACTORY SEALED AND CANNOT BE ADJUSTED.
- 5 USE 3X LITTELFUSE PIN KLDR-012, 12 AMP CLASS CC, DUAL ELEMENT TIME DELAY FUSE.
- 6 SET THE OVERLOAD RELAY CURRENT DIAL TO A TRIP POINT OF 3.0 AMPS.
- 7 SET THE OVERLOAD RELAY 'RESET' SELECTOR KNOB TO AUTOMATIC RESET, OR 'A'. THE THERMAL OVERLOADS MAY REQUIRE COOLING DOWN BEFORE AUTOMATIC RESET OCCURS.

DESIGN BY:	B. KELL	MCDANIEL METALS INC.
DATE COMPLETED:	05/09/2019	
CHECKED BY:		
DATE CHECKED:		
CUSTOMER:	DAIKIN	WIRING DIAGRAM MODULATING CENTRIFUGAL PUMP EXHAUST EXCHANGER 575VAC / 3PH / 60HZ INPUT, 480VAC / 3PH OUTPUT
CUSTOMER PART NO.:	145-DK-147	M/M PART NO.
	145-DK-147	
REV:	2	

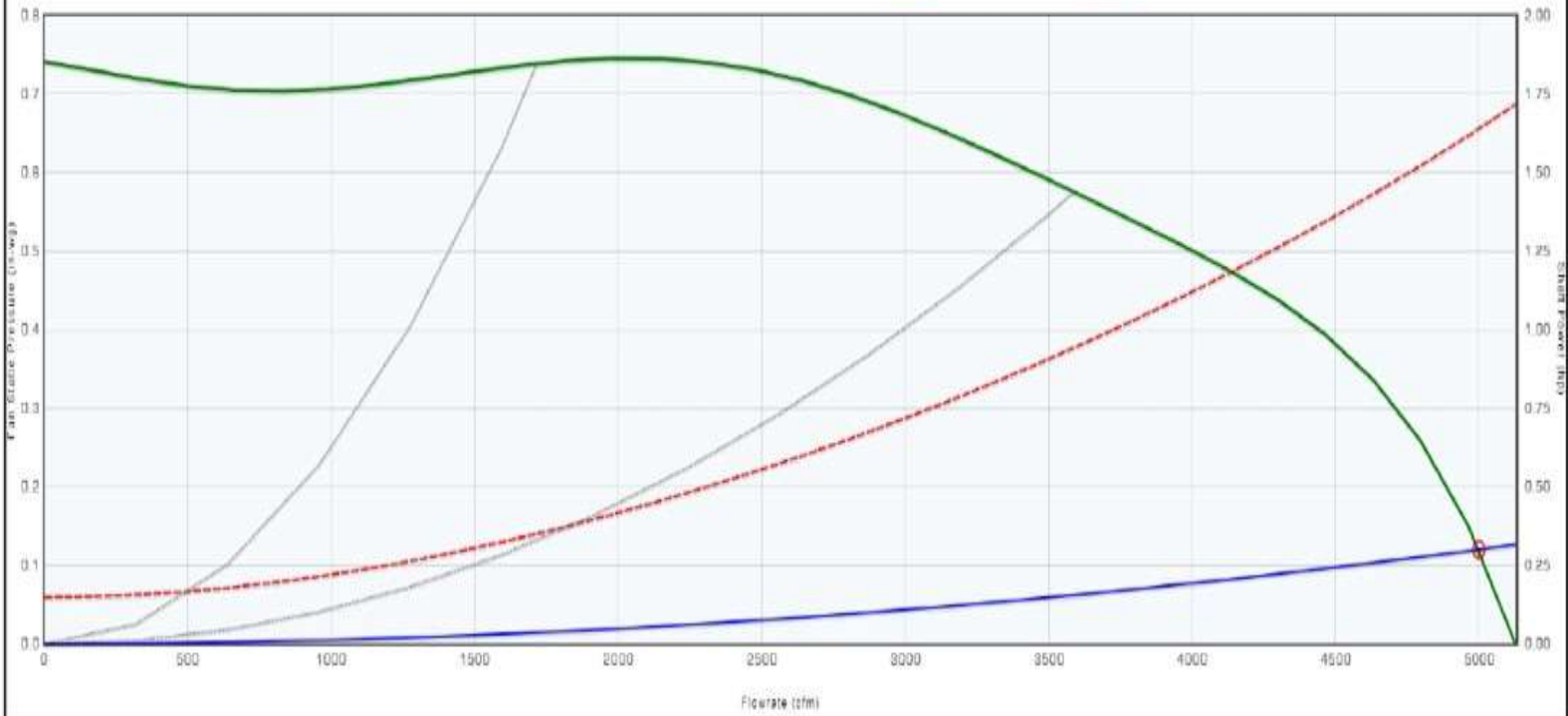


Date 16-8-2019

Job Name					Submitted by/notes			
Model A12-15A	Flow 5000 cfm	Pressure 0.12 in-wg	Temperature 70 °F	Altitude 0 ft	Density 0.075 lb/ft ³	Q Derate 0 cfm	P Derate 0.00 in-wg	Vav Set Point 0.00 in-wg
Fan Tag	Flow 5000 cfm	Pressure 0.12 in-wg	Power 1.64 hp	Static Efficiency 5.8 %	Total Efficiency 30.9 %	Speed 708 rpm	Outlet Velocity 2900 fpm	Efficiency Rating FEG75
	Impeller Dia 12.0 in	Outlet Area 1.72 ft ²	Max. Speed 1400 rpm	AMCA Class 0	Drive Belt Drive	Blades 43	P Volume 5.17 ft ³	TurnDown 100 %

Performance

Pressure Power Limit System









Sound(Lwi)	63	125	250	500	1000	2000	4000	8000	Lw	LwA
	81	80	76	75	74	71	70	68	85	79

PROCEDURE FOR CHANGING BUILDING STATIC PRESSURE VFD SETPOINT

The Differential Pressure Transducer (DPT) is outfitted with a Low Pressure and High Pressure fitting suitable for 3/16" O.D. x 1/8" I.D. rubber pressure tubing. The DPT has a differential pressure range of 0 - 0.1" Water Column, with a proportional output of 0 - +10 VDC, at an accuracy of +/- 1% of Full Scale, and Overpressure Protection of 10 PSI, minimum. The low pressure line is connected to a hose barb located in the bottom of the power exhaust cabinet behind the blower motor, and has a shroud covering it on the underneath side to protect it from local wind velocity, so it may accurately check atmospheric pressure. The installer shall run a suitable pressure hose from the high pressure hose barb located on the back of the control box to a static pressure pick-up strategically located in the building to measure its indoor static pressure. The VFD is factory-programmed with a setpoint of 0.02" W.C., which equates to an output signal of +2.0 VDC at terminals 'A1' and 'AC' of the GA500 VFD motor drive. The VFD is always energized, but the blower will only start to exhaust air when the building static pressure reaches the programmed setpoint, and will modulate using a closed-loop P-I algorithm to maintain the setpoint building pressure, up to 2400 CFM. Contact the factory for other available building static pressure ranges. Below is the procedure for changing the **Building Static Pressure Setpoint** value, or Parameter B5-19.

GENERAL NOTE

Use the  button to select the digit you would like to change and the  and  buttons to adjust the value. The  button will toggle through the characters that are shown. The  button will input your selection, and a message END will appear confirming the selection. The parameter you selected will re-appear.

1. Reset the VFD by turning off power from the main disconnect box. Wait for the D.O. display to extinguish, then turn the main disconnect power back on. The D.O. should be illuminated.
2. Press the  button on the D.O. twice until the D.O. shows the Parameter menu (PAR), as shown below:

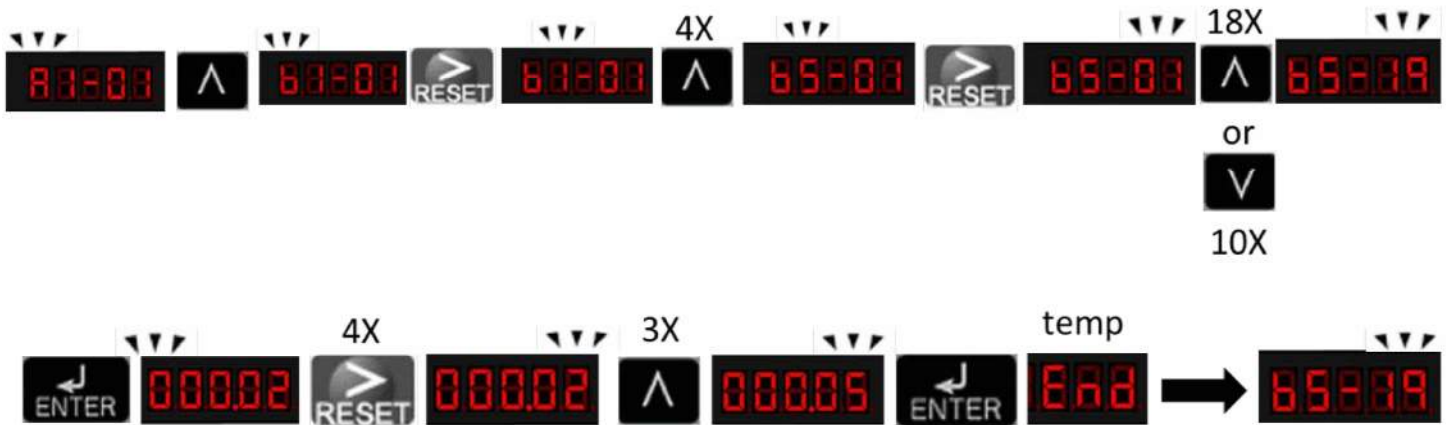


3. Press ENTER on the D.O. to begin setting parameters, the D.O. should show Parameter A1-01, with the 'A' blinking:



PROCEDURE FOR CHANGING BUILDING STATIC PRESSURE VFD SETPOINT (cont.'d)

4. As an example, press the following string of buttons to access Parameter B5-19, and changing it from '000.02' (.02" W.C.) to '000.05' (0.05" W.C.):

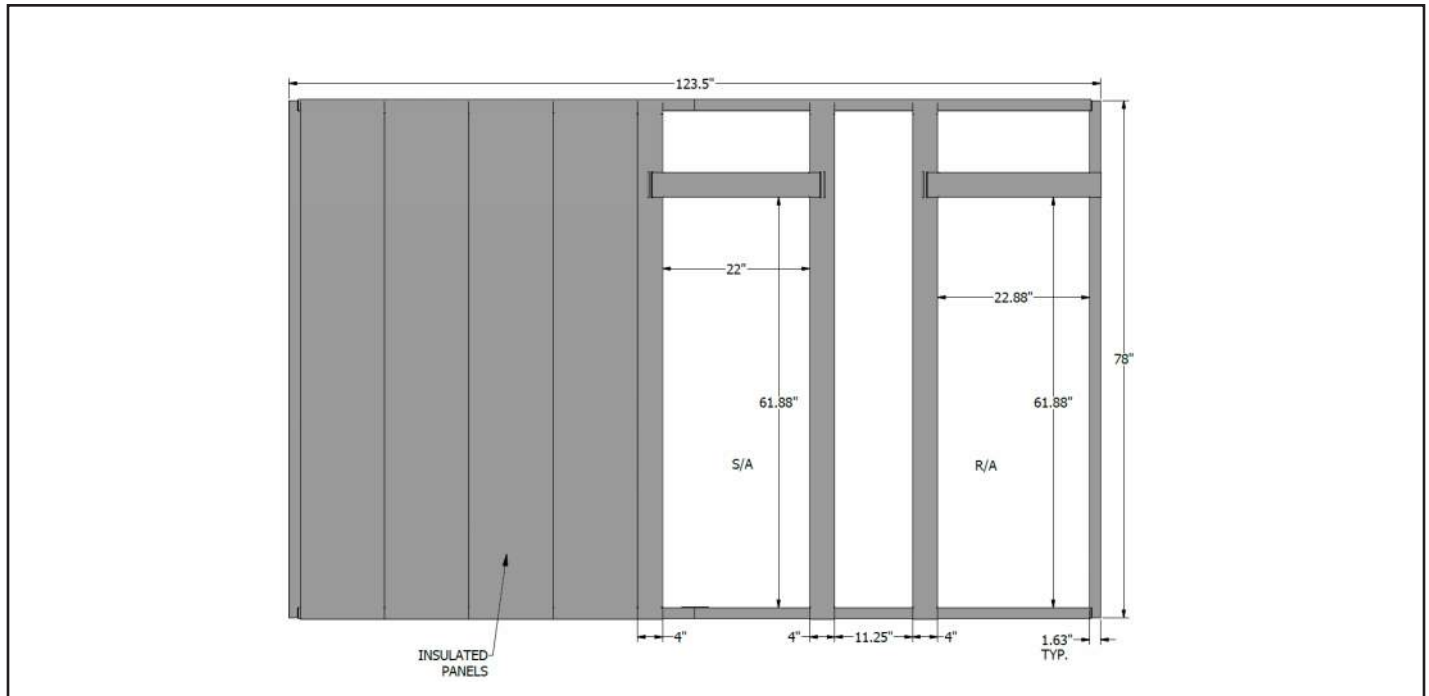


5. The 'END' display is a temporary confirmation of the change and will go back to the B5-19 parameter within a few seconds. Pressing 'ENTER' will display the input again. Press 'ESC' to get back to the main menu, or the Frequency Reference Display, thus:



6. Below are the range of settings for Parameter B5-19 for a 0.0 – 0.1" W.C. Pressure Transducer:

Parameter B5-19 Setpoint	Bldg. Indoor Static Pressure (in*wg)
000.00	0.00
000.01	0.01
000.02	0.02
000.03	0.03
000.04	0.04
000.05	0.05
000.06	0.06
000.07	0.07
000.08	0.08
000.09	0.09



GENERAL

Roof curbs are shipped unassembled. Field assembly, squaring, leveling and mounting on the roof structure are the responsibility of the installing contractor. All curb installations must comply with local codes and should be done in accordance with the established guidelines of the National Roofing Contractors Association.

1. All required hardware necessary for the assembly of the sheet metal curb is included with the curb accessory.
2. Full perimeter type curb accessories are available. Full perimeter curbs include duct connection frames to be attached to the curb. Cantilever type curbs are not available from the factory.
3. Curbs must be supported on at least two parallel sides by roof members. Ensure that roof members do not penetrate supply and return duct opening areas.
4. Curb insulation, cant strip, flashings and general roofing material are to be furnished by the roofing contractor. Wood nailer strip and curb gasket is to be furnished with the curb accessory.
5. The unit and curb accessories are designed to allow vertical duct installation before unit placement. Duct installation after unit placement is not recommended.

TABLE 1	A	B	C
Full Perimeter Curb	123.5	78	145 5/8

1. Check package contents to ensure all the pieces are present.
2. Position perimeter pieces as depicted in Figure 1 and Figure 2 with wood to the outside, keeping the raw ends with the brackets holes facing one another.
3. Insert hooked tabs into slots and press down firmly.
4. Sandwich the sides of the curb between two brackets and use the nuts and bolts provided to complete the longer sides of the curb.
5. Install duct support pieces per Figure 1 and Figure 2.
6. Install insulated panels, metal side up, across the top of the condenser section of the curb.
7. Level and square the curb. Both diagonal measurements should be equal within a tolerance of 1/8" of C on Table 1. To level the curb, stretch two diagonal lines equipped with line levels. There must not be more than 1/8" spacing between the two lines at the point of intersection. Shim the curb until it is level. When the lines touch at the intersection, move the bottom line to the top and recheck.

!CAUTION!

ALL CURBS LOOK SIMILAR. TO AVOID INCORRECT CURB POSITIONING, CHECK JOB PLANS CAREFULLY AND VERIFY MARKINGS ON CURB ASSEMBLY.

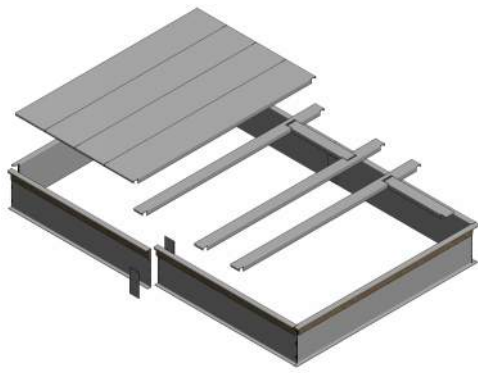


Figure 1
INSTALLATION

1. Place assembled curb in proper position over roof opening. Verify curb is square and level per instructions above.
2. Attach curb to roof surface following industry accepted practices.
3. Install insulation, cant strip, roofing materials, flashing and counterflashing in accordance with the established guidelines of the National Roofing Contractors Association. The finished roof, including counterflashing around the curb, must be installed prior to setting the unit on the curb.

VERTICAL DISCHARGE DUCT CONNECTIONS

The down flow curb accessory has been designed to encourage duct installation before unit placement. Duct installation after the unit placement is possible but not recommended. Ducts must never be fastened to the bottom of the unit causing the base pan to be penetrated. Flexible duct connectors in the ducts near the unit are recommended. Support all ducts by securing them to the building structure. Weatherproof all external ductwork, joints and roof openings with flashing and mastic in accordance with applicable codes. Ducts in an unconditioned space must be insulated and covered with a vapor barrier.

PARTS LIST

- 4) 60.13" Sides w/ attached 1X4 wood nailer
- 2) 78" Sides w/ attached 1X4 wood nailer
- 4) Insulated panels
- 3) 78" Duct support channel
- 1) 26.13" Duct support channel
- 1) 25.25" Duct support channel
- 5) Rolls gasket tape
- 4) 16 Gauge Brackets
- 1) Nut and Bolt Package

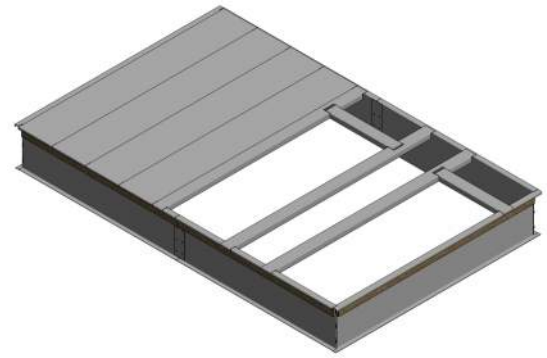
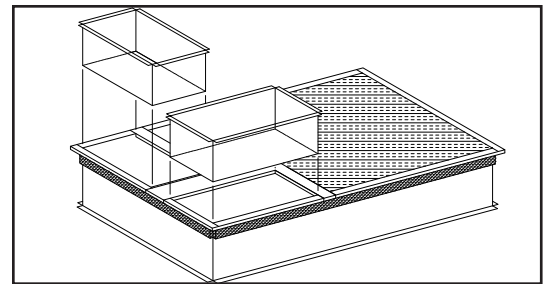


Figure 2

DOWNFLOW DUCT INSTALLATION INSTRUCTIONS

1. Install duct support system in leveled and squared curb.
2. Fabricate ductwork with 1 ½" flange out on top opening and with an outside dimension that is ¼" smaller than inside dimension of duct openings created by duct support system.
NOTE: Ductwork is to be furnished by the contractor and is not included with the accessory.
3. Drop duct section through duct support opening so that the 1 ½" flange out rests on the support channel.
NOTE: It is not necessary to attach the duct to the duct supports with a mechanical fastener.
4. Install the included gasket material around the perimeter of the duct openings and around the top perimeter of the rest of the curb to insure an air tight seal.



Demonstration only. Actual duct configuration may vary

DUCT INSTALLATION AFTER UNIT PLACEMENT

Duct installation after the unit has been placed is possible but is strongly discouraged. If the ductwork must be installed after the unit is placed on the curb, a duct connection frame system should still be used. Apply gasket material to the curb and duct support frame before installing the unit. Attach duct sections to the vertical surfaces of the duct support frame using mechanical fasteners. Ducts must never be fastened to the bottom of the unit causing the base pan to be penetrated.

**DPOFSK OVERFLOW SWITCH (FOR 3 - 25 TON)
LIGHT COMMERCIAL ROOFTOP UNITS
INSTALLATION INSTRUCTIONS
KIT INSTRUCTIONS**

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19001 Kermier Road, Waller, TX 77484
www.daikincomfort.com
P/N: IOD-7055D Date: July 2022



WARNING

ONLY PERSONNEL THAT HAVE BEEN TRAINED TO INSTALL, ADJUST, SERVICE, MAINTENANCE OR REPAIR (HEREINAFTER, "SERVICE") THE EQUIPMENT SPECIFIED IN THIS MANUAL SHOULD SERVICE THE EQUIPMENT. THE MANUFACTURER WILL NOT BE RESPONSIBLE FOR ANY INJURY OR PROPERTY DAMAGE ARISING FROM IMPROPER SERVICE OR SERVICE PROCEDURES. IF YOU SERVICE THIS UNIT, YOU ASSUME RESPONSIBILITY FOR ANY INJURY OR PROPERTY DAMAGE WHICH MAY RESULT. IN ADDITION, IN JURISDICTIONS THAT REQUIRE ONE OR MORE LICENSES TO SERVICE THE EQUIPMENT SPECIFIED IN THIS MANUAL, ONLY LICENSED PERSONNEL SHOULD SERVICE THE EQUIPMENT. IMPROPER INSTALLATION, ADJUSTMENT, SERVICING, MAINTENANCE OR REPAIR OF THE EQUIPMENT SPECIFIED IN THIS MANUAL, OR ATTEMPTING TO INSTALL, ADJUST, SERVICE OR REPAIR THE EQUIPMENT SPECIFIED IN THIS MANUAL WITHOUT PROPER TRAINING MAY RESULT IN PRODUCT DAMAGE, PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



WARNING

Do NOT BYPASS SAFETY DEVICES.

Attention Installing Personnel

As a professional installer, you have an obligation to know the product better than the customer. This includes all safety precautions and related items.

Prior to actual installation, thoroughly familiarize yourself with this Instruction Manual. Pay special attention to all safety warnings. Often during installation or repair, it is possible to place yourself in a position which is more hazardous than when the unit is in operation.

Remember, it is your responsibility to install the product safely and to know it well enough to be able to instruct a customer in its safe use.

Safety is a matter of common sense...a matter of thinking before acting. Most dealers have a list of specific good safety practices...follow them.

The precautions listed in this Installation Manual are intended as supplemental to existing practices. However, if there is a direct conflict between existing practices and the content of this manual, the precautions listed here take precedence.

Description

The AG-3180E float switch kit reduces the potential for water damage, part failure and microbial buildup due to water backup in the condensation pan.

A non-illuminated LED light indicates normal operation of the water flow in condensation pan. If there is a water backup, and the micro-sensor detects a constant 60 seconds of water, the float switch will trip and shut the unit off. The LED light will turn on. When the micro-sensor stays out of the water for about 60 seconds, the float switch and the unit will return to normal operation.

List of Parts

Accessory Kit Number :	DPOFSK01	DPOFSK02	DPOFSK03	DPOFSK04
ITEM	QTY.	QTY.	QTY.	QTY.
Electric Tie	4	4	4	4
Float Switch AG-3180E & Wire Harness	1	1	1	1
Installation Instructions	1	1	1	1
Cord Clip (PSA Backing)	4	1	1	1
Wiring Diagram	-	-	1	-
Screws	2	2	2	2
Bracket for mounting Micro Sensor	1	1	-	-

Parts Identification

AG-3180E SERIES BOX installed in the blower compartment



Micro Sensor installed on the mounting bracket.

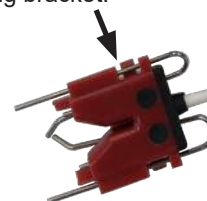


FIGURE 1

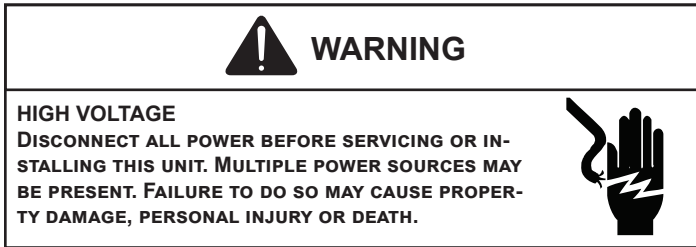


For Small Units (3 - 6 Ton)

Small Chassis Float Switch Installation

To install the Float Switch, see the following instructions.

1. Disconnect all power to the unit.



2. Remove Panel 1 and Panel 2 from the unit.
DO NOT REMOVE ANY ADDITIONAL PANELS.

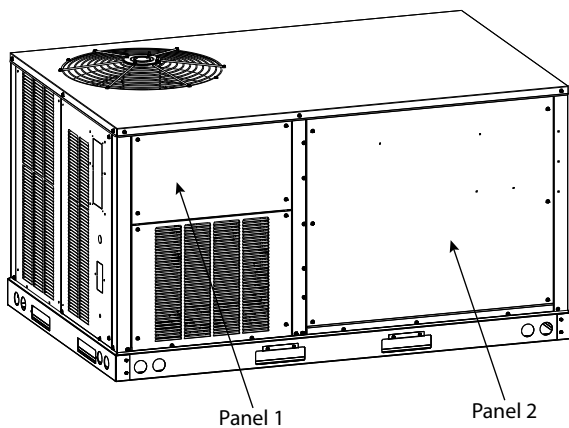


FIGURE 2

3. Disconnect the AG-3180E wiring harness at the 6 Pin connectors. See Figure 3.

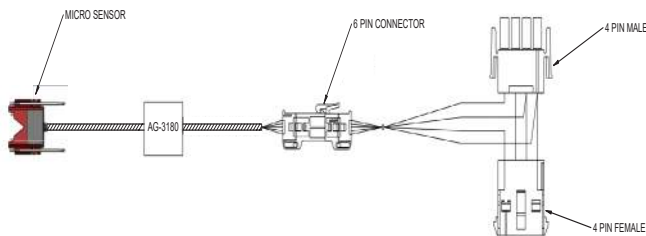


FIGURE 3

4. Locate the unit's emergency shutdown (ES) circuit inside the control box. If the unit has existing safety devices installed, reference sheet 10 for wiring instructions, otherwise, reference sheet 9. See Figure 4.

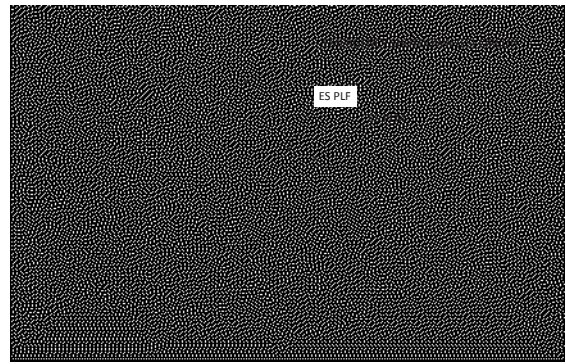


FIGURE 4

5. Place the AG-3180 inside the blower compartment and route the 6 pin connector into the control box and reconnect the 6 pin connectors that were disconnected in step 3.
6. Modify the mounting bracket as follows (See Figure 5A):
3 Ton Units (036) - break away one tab.
5 Ton Units (060) - do not break away any tabs.
4&6 Ton Units (048 & 072) - break away two tabs.

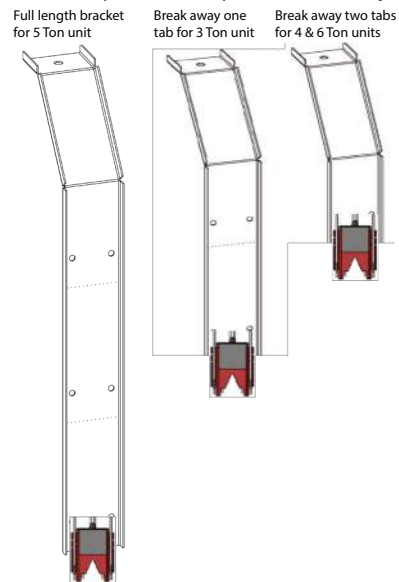


FIGURE 5A

7. Attach the Micro Sensor to the mounting bracket by sliding the Micro Sensor onto the pair of holes on the mounting bracket. Adjust depth as needed.



FIGURE 5B

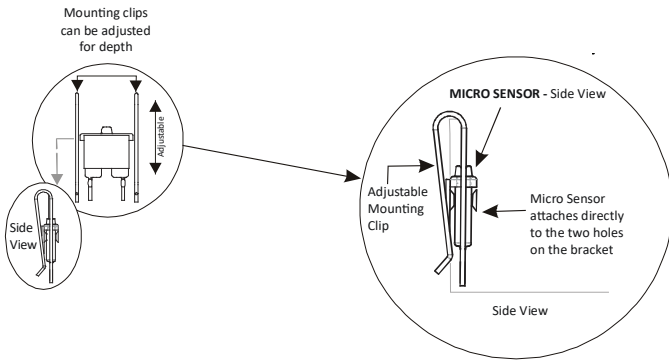


FIGURE 6

- Carefully insert the bracket-micro sensor assembly into the gap between the blower deck and the evaporator coil and verify that the Micro Sensor reaches the drain pan. Remove the existing screw from blower deck at the mounting bracket installation location and use it to attach the mounting bracket to the blower deck.

NOTE: The return panels and evaporator coil have been hidden for clarity.

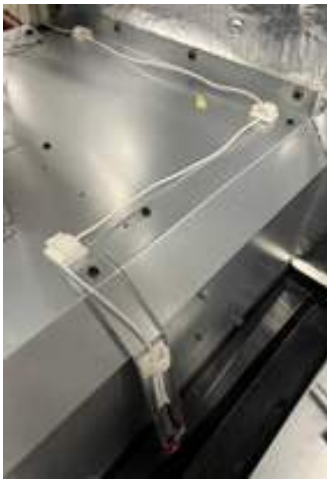


FIGURE 7A

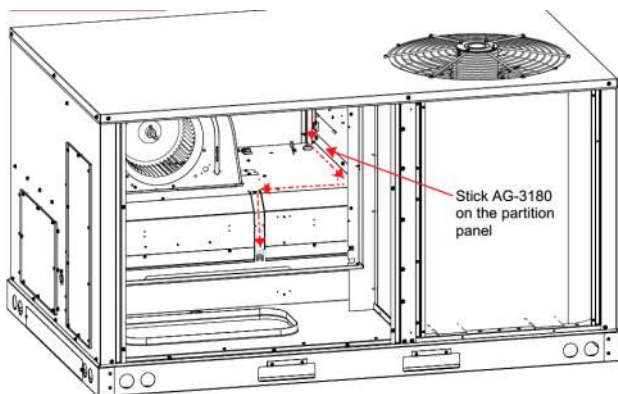


FIGURE 7B

- Once the bracket-micro sensor assembly is mounted, route wires as shown in Figure 7B. Bundle and zip tie any excess wire, and use the supplied cord clip (PSA backing) to secure the wire to the blower deck and/or partition panel.
- Remove the removable bracket from AG 3180E.



Removable bracket



Adhesive Strip

FIGURE 8

- Use the Adhesive strip to attach the bracket to the inside of the blower compartment and replace AG 3180E. See Figure 9.



FIGURE 9

- Verify float switch is wired according to the wiring instructions on page 8 or 9.
- When wiring and other instructions are completed, reinstall Panel 1 and Panel 2 on the unit.

For Medium Units (7.5 - 12.5 Ton)



Parts Identification

NOTE: On units with a horizontal discharge configuration, the overflow switch must be installed before the Supply Air/Return Air ducts to allow for access to the drain pan panels.

Medium Chassis Float Switch Installation

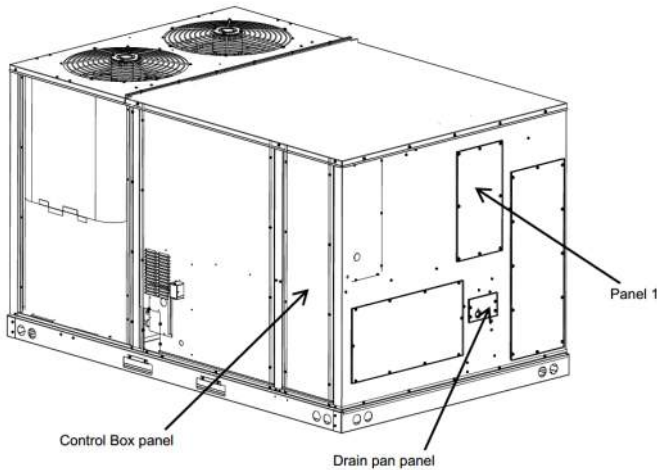
To install the Float Switch, see the following instructions.

1. Disconnect all power to the unit.

	WARNING
<p>HIGH VOLTAGE DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.</p>	
	

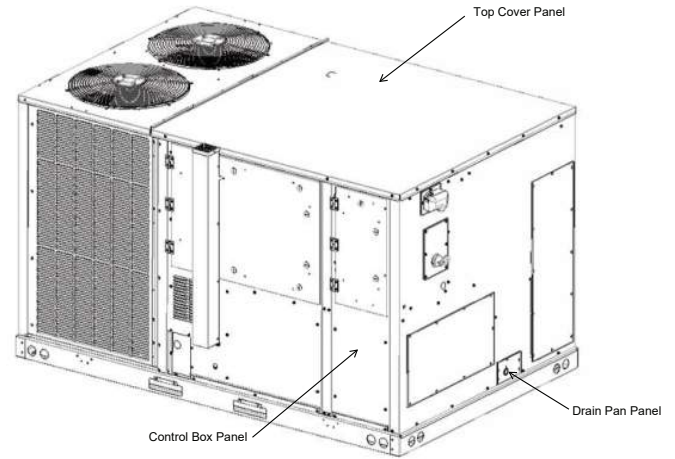
	CAUTION
<p>SHEET METAL PARTS, SCREWS, CLIPS AND SIMILAR ITEMS INHERENTLY HAVE SHARP EDGES, AND IT IS NECESSARY THAT THE INSTALLER AND SERVICE PERSONNEL EXERCISE CAUTION.</p>	

2. (For DR Models) Remove Panel 1, Control Box panel and Drain Pan Panel from the unit. See Figure 10A.
DO NOT REMOVE ANY ADDITIONAL PANELS.



**FIGURE 10A
(DR MODELS)**

(For DF Models) Remove Top Cover Panel, Control Box panel and Drain Pan Panel from the unit. See figure 10B.



**FIGURE 10B
(DF MODELS)**

3. Disconnect the micro sensor at the 2-way connector.

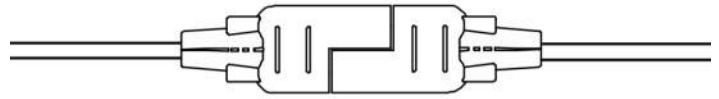
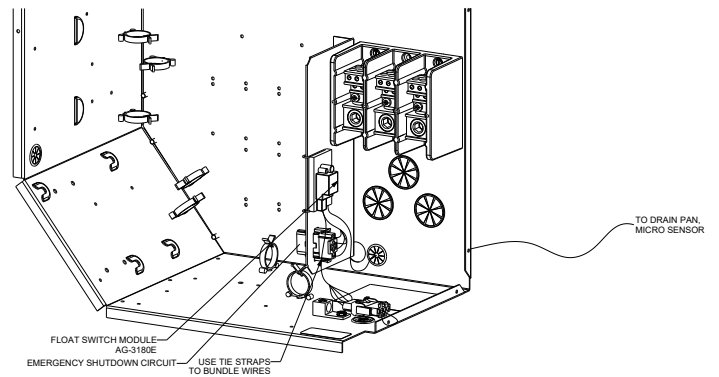
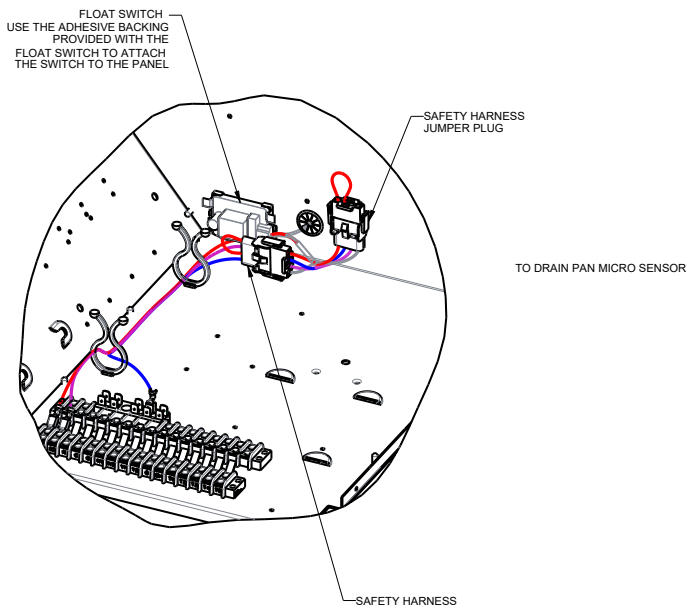


FIGURE 11

4. Locate the unit's emergency shutdown (ES) circuit inside the control box. See Figure 12A. If the unit has existing safety devices installed, reference sheet 10 for wiring instructions, otherwise, reference sheet 9.



**FIGURE 12A
(DR MODELS)**



**FIGURE 12B
(DR MODELS)**

5. Place the AG-3180 inside the control box. Insert the 2 way connector from the module through the bottom bushing (1/2" grommet) towards the drain pan.
6. Remove the removable bracket from AG 3180E.



FIGURE 13

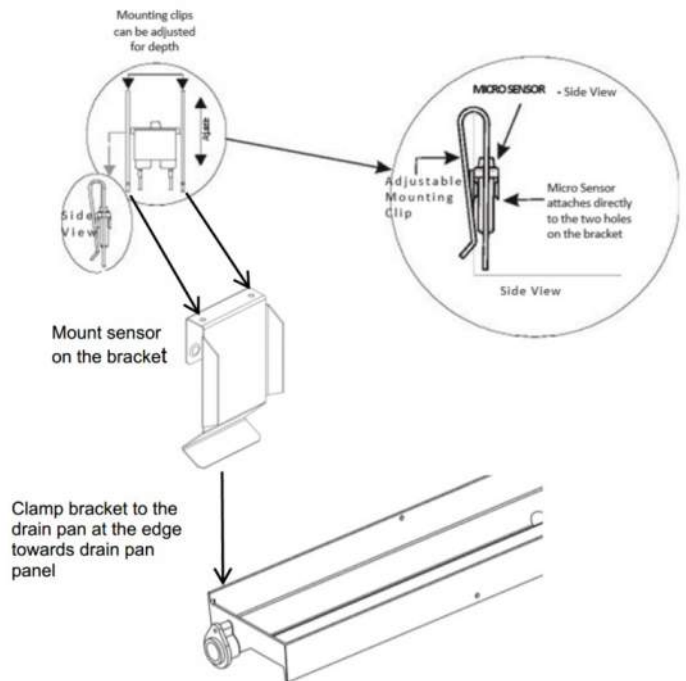
7. Use the adhesive strip to attach the bracket to the voltage barrier plate as shown in Figure 14.



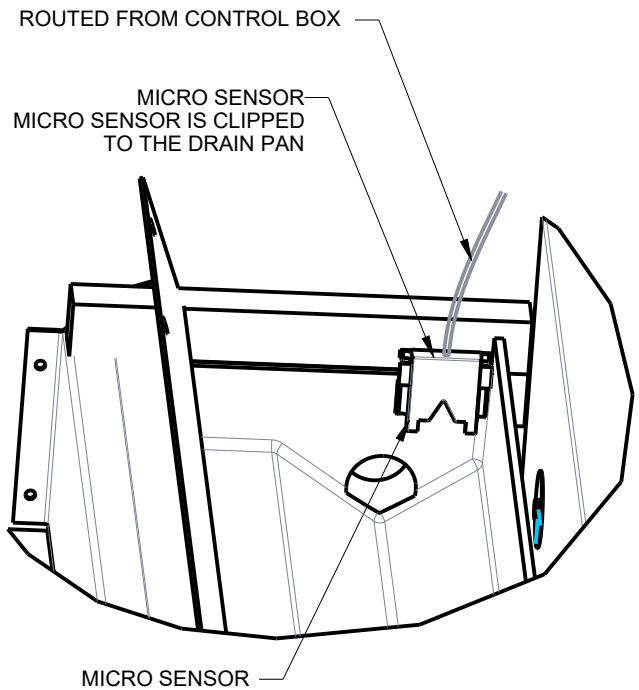
**Adhesive Strip
FIGURE 14**

8. (For DR Models) Fix the Micro Sensor on the mounting bracket by sliding the Micro Sensor onto the pair of holes on the bracket. Mount the bracket on the drain pan. Adjust depth of the sensor as needed. Refer to Figure 15A (DR Models).

(For DF Models) Fix the Micro Sensor on the drain pan. Adjust depth of the sensor as needed. Refer to Figure 15B (DF Models).



**FIGURE 15A
(DR MODELS)**



**FIGURE 15B
(DF MODELS)**

9. Route the 2 way connector from the back of the control box through the bushing on the coil bottom support as shown in Figure 16. See Figures 16A, 16B, 16C. Attach the 2 way connectors outside of the drain pan.
NOTE: The return panel, supply panel, and evaporator coil have been hidden for clarity.

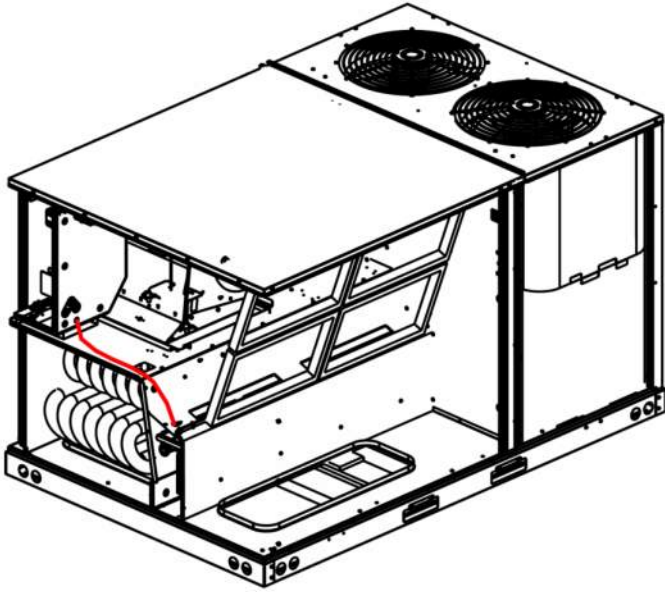


FIGURE 16A

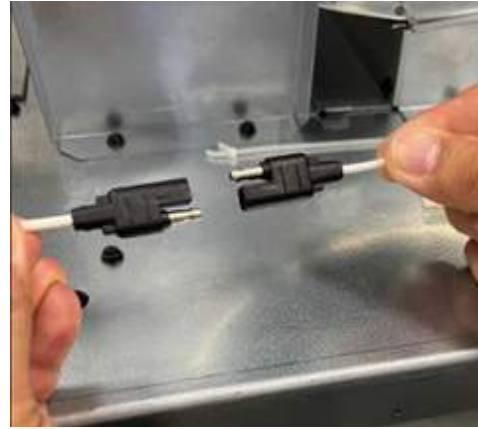


FIGURE 16D

10. Make sure to fix the 2 way connector on the left side of the drain pan using the cord clip for 7.5 ton, and on the drain pan support for 8.5-12.5 ton unit. See Figure 16D.



FIGURE 16B

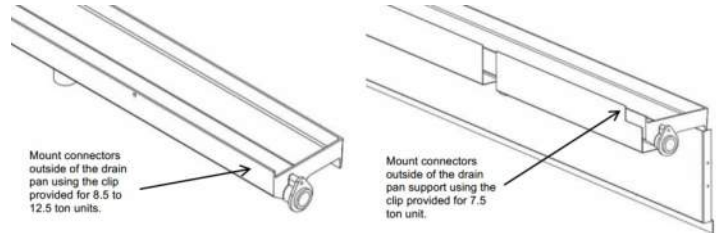


FIGURE 17

11. Verify float switch is wired according to the wiring instructions on page 9 or 10.
12. When wiring and other instructions are completed, reinstall all panels that had previously been removed.
13. Restore power to the unit.
14. Expect "Non Status Led" on AG-3180E, if "Red Status Led" inspect drain pan level and micro sensor.
15. Test the unit for proper operation.
16. Complete the Control Box cover installation.

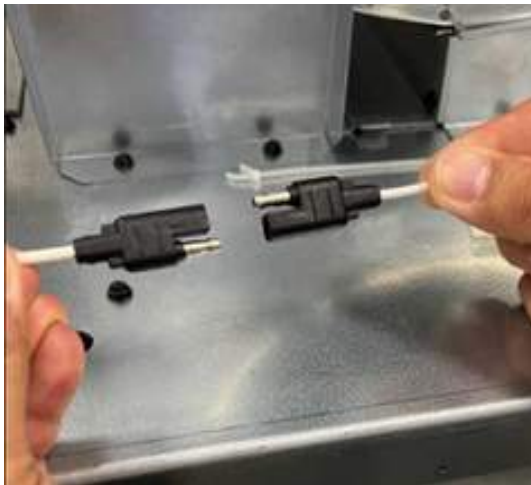


FIGURE 16C


For Large Units (15 - 25 Ton)

Parts Identification


Large Chassis Float Switch Installation

To install the Float Switch, see the following instructions.

1. Disconnect all power to the unit.

 **WARNING**

HIGH VOLTAGE
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



 **CAUTION**

SHEET METAL PARTS, SCREWS, CLIPS AND SIMILAR ITEMS INHERENTLY HAVE SHARP EDGES, AND IT IS NECESSARY THAT THE INSTALLER AND SERVICE PERSONNEL EXERCISE CAUTION.

2. Remove the Control, Filter, Blower Coil and Blower panels from the unit. See Figure 18.
DO NOT REMOVE ANY ADDITIONAL PANELS.

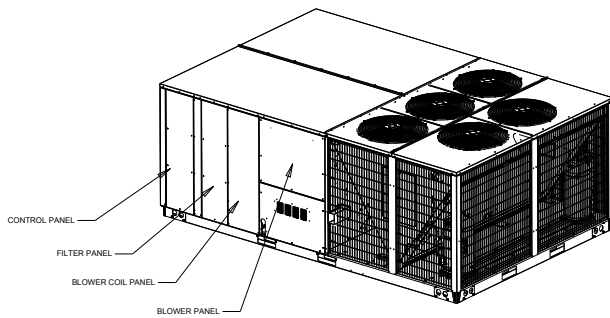


FIGURE 18

3. Locate the unit's emergency shutdown (ES) circuit inside the control box. If the unit has existing safety devices installed, reference sheet 9 for wiring instructions, otherwise, reference sheet 8.
4. Disconnect the micro sensor at the 2-way connector as shown in Figure 19 and 20.

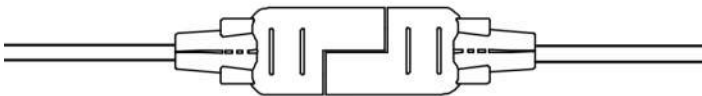


FIGURE 19

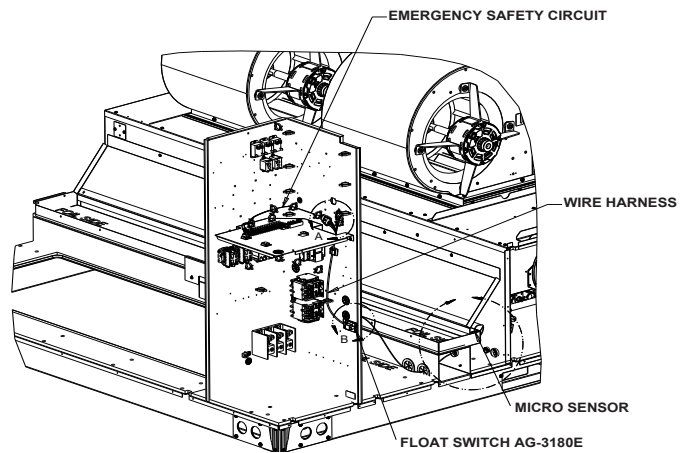


FIGURE 20

5. Place the AG-3180 inside the control box. Use the adhesive strip to attach the bracket to the control box as shown in Figure 21. Insert the 2 way connector from the module through the bottom bushing (1.375" grommet) towards the drain pan.

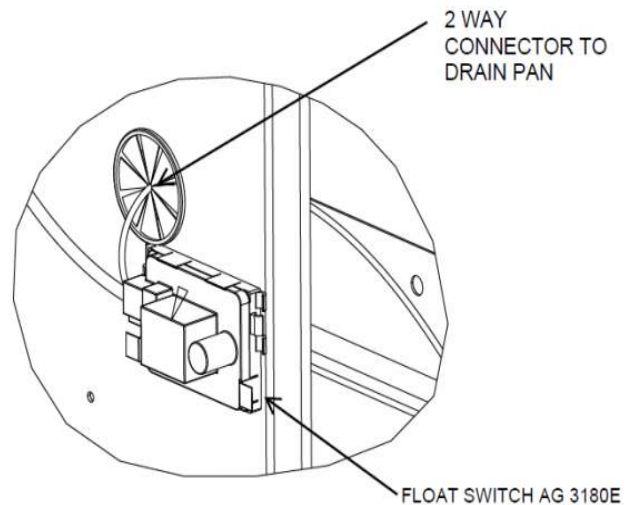


FIGURE 21

6. Fix the micro sensor on the mounting bracket by sliding the micro sensor onto the drain pan as shown in Figure 22. Adjust depth of the sensor as needed.

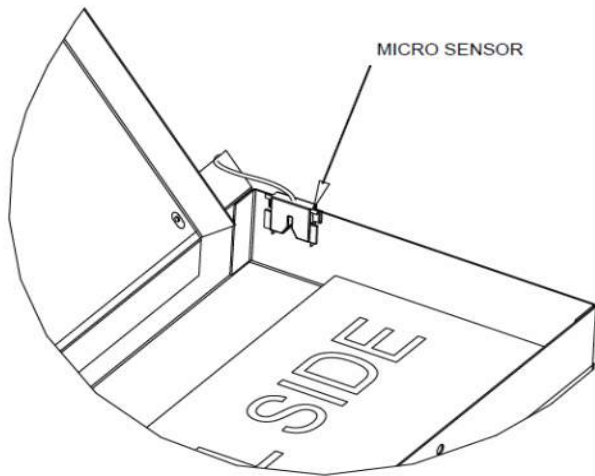


FIGURE 22

7. Route the 2 way connector from the control box through the bushing underneath the coil support as shown in Figure 23.

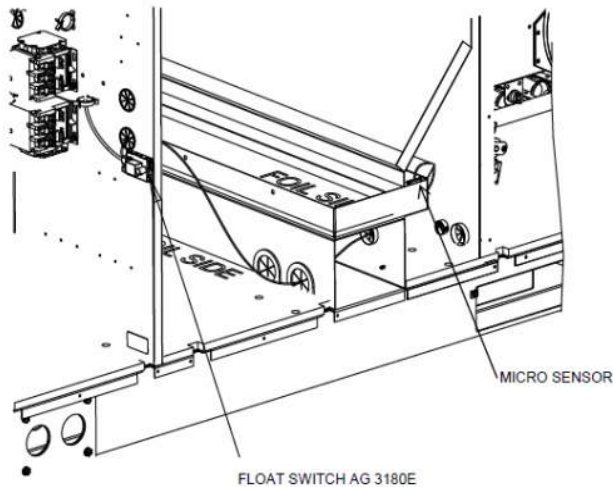


FIGURE 23

8. Make sure to fix the 2 way connector on the right side of the drain pan using the tie wraps to secure wires.
9. Route the remaining harness from the AG-3180E towards the top of the control box to the emergency shutdown circuit shown in Figure 24.

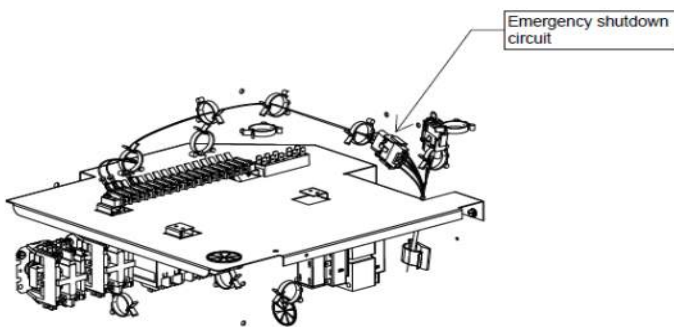


FIGURE 24

10. Verify float switch is wired according to the wiring instructions on page 9 or 10.
11. When wiring and other instructions are completed, reinstall panel, Filter, Blower Coil and Blower Panel on the unit.
12. Restore power to the unit.
13. Expect "Non Status Led" on AG-3180E, if "Red Status Led" inspect drain pan level and micro sensor.
14. Test the unit for proper operation.
15. Reinstall all panels that had previously been removed.

Field Installed Float Switch

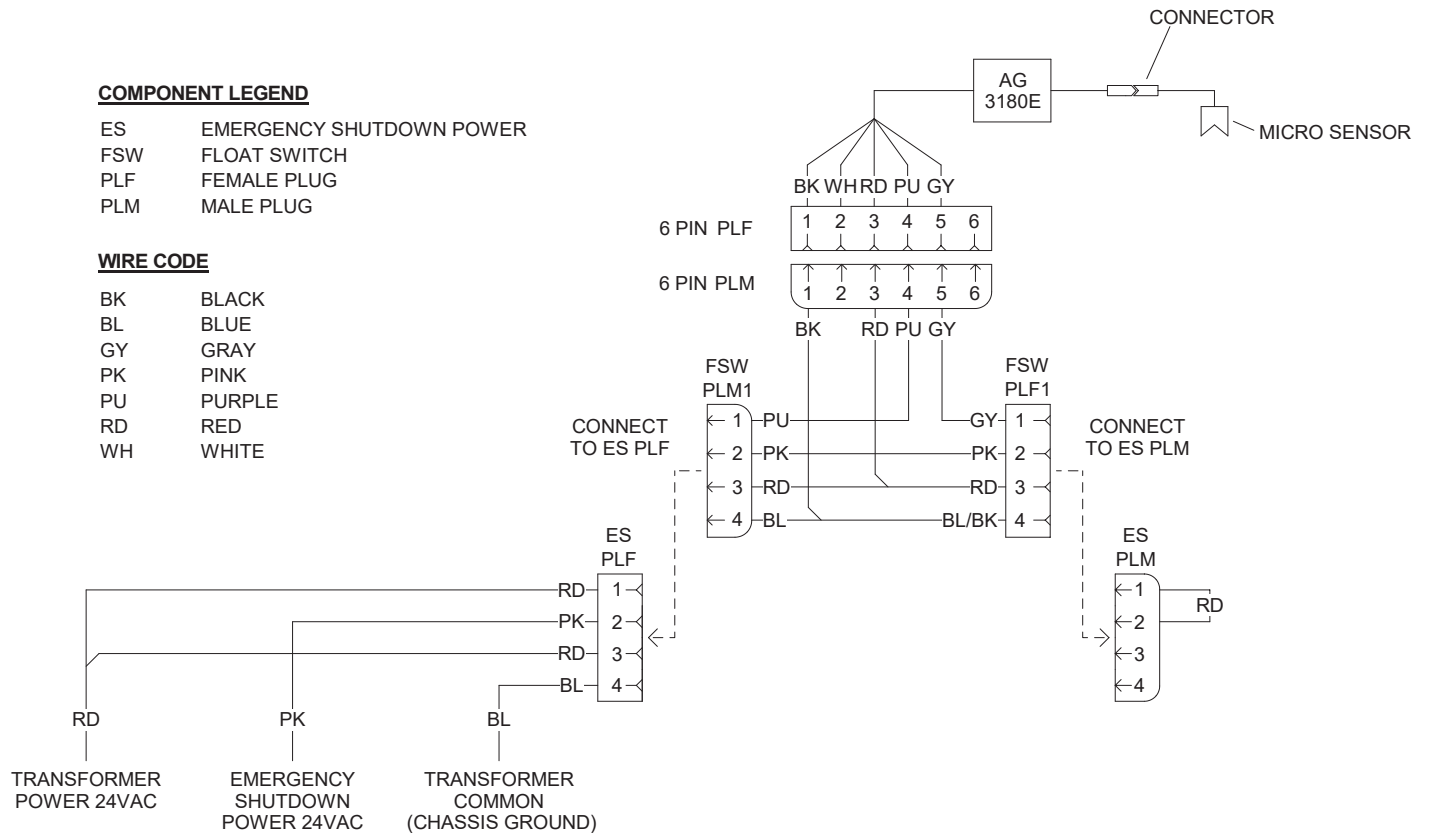
Wiring instructions for units with no safety devices installed:

COMPONENT LEGEND


ES	EMERGENCY SHUTDOWN POWER
FSW	FLOAT SWITCH
PLF	FEMALE PLUG
PLM	MALE PLUG

WIRE CODE


BK	BLACK
BL	BLUE
GY	GRAY
PK	PINK
PU	PURPLE
RD	RED
WH	WHITE



1. Disconnect all power to the unit.


WARNING

HIGH VOLTAGE
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.




CAUTION

SHEET METAL PARTS, SCREWS, CLIPS AND SIMILAR ITEMS INHERENTLY HAVE SHARP EDGES, AND IT IS NECESSARY THAT THE INSTALLER AND SERVICE PERSONNEL EXERCISE CAUTION.

2. Unplug ES PLM from ES PLF.
3. Plug FSW PLM into ES PLF
4. Plug ES PLM into FSW PLF.
5. Zip tie and organize any extra wire.

Field Installed Float Switch

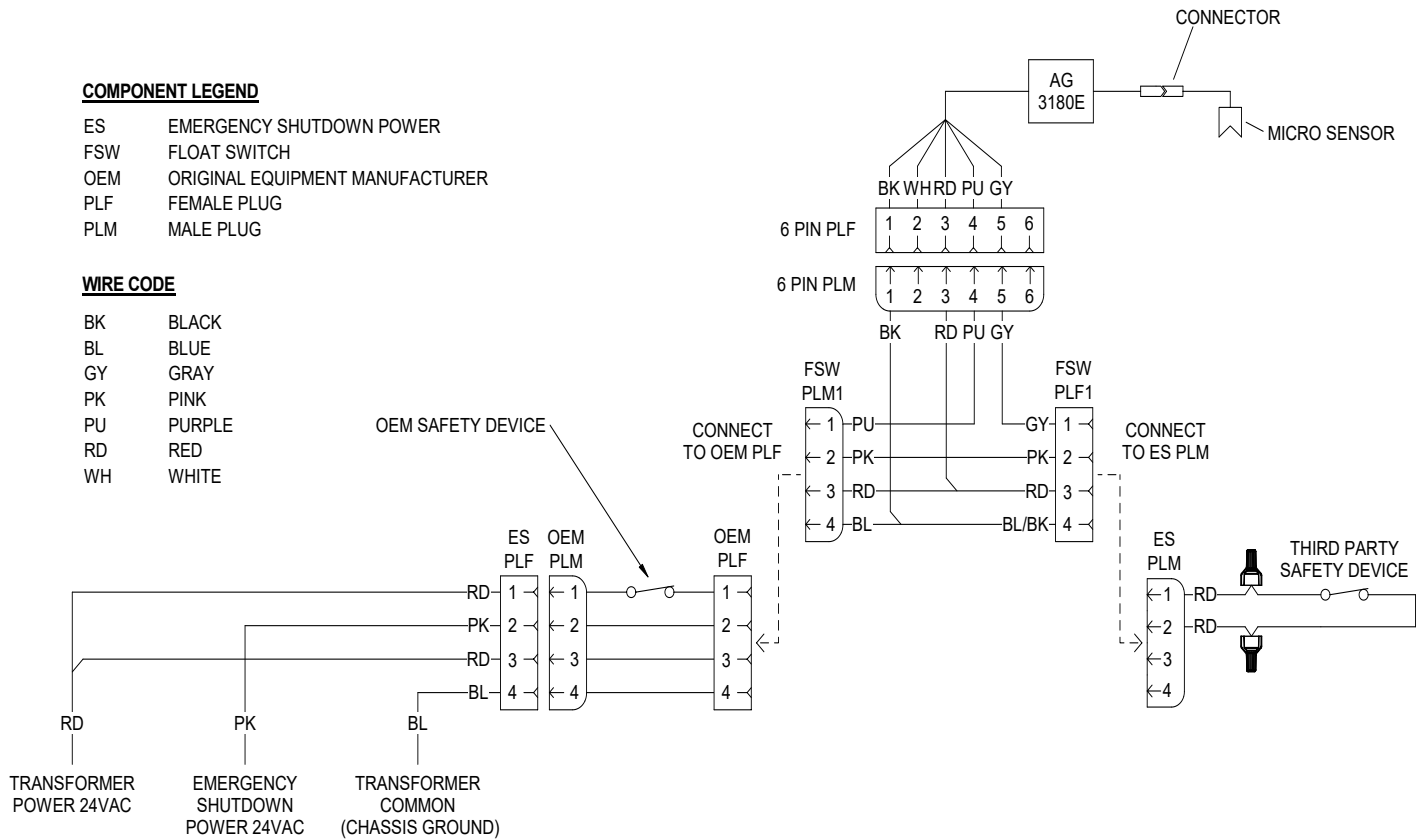
Wiring instructions for units with OEM or third party safety devices installed.

COMPONENT LEGEND

ES	EMERGENCY SHUTDOWN POWER
FSW	FLOAT SWITCH
OEM	ORIGINAL EQUIPMENT MANUFACTURER
PLF	FEMALE PLUG
PLM	MALE PLUG

WIRE CODE

BK	BLACK
BL	BLUE
GY	GRAY
PK	PINK
PU	PURPLE
RD	RED
WH	WHITE



1. Disconnect all power to the unit.

WARNING

HIGH VOLTAGE
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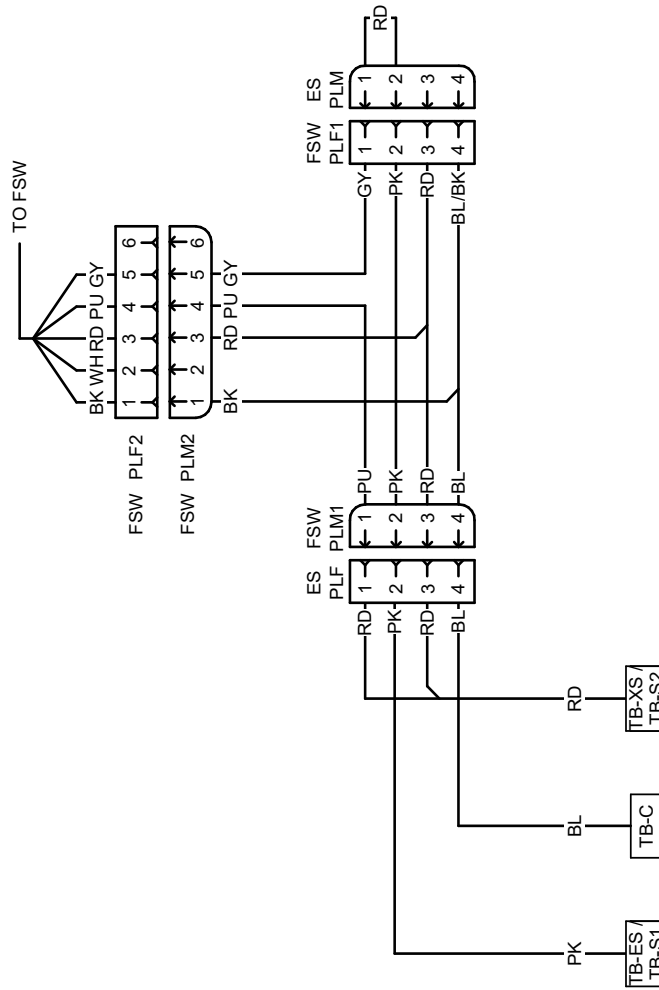
2. Unplug ES PLM from ES PLF.
3. Plug FSW PLM into ES PLF
4. Plug ES PLM into FSW PLF.
5. Zip tie and organize any extra wire.

WARNING

HIGH VOLTAGE!
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FLOAT SWITCH WIRING DIAGRAM



WIRE CODE

BK	BLACK
BL	BLUE
BL/PK	BLUE WITH PINK STRIPE
BR	BROWN
GR	GREEN
GY	GRAY
OR	ORANGE
PK	PINK
PU	PURPLE
RD	RED
TN	TAN
WH	WHITE
YL	YELLOW
YL/PK	YELLOW WITH PINK STRIPE

COMPONENT LEGEND

C	TRANSFORMER COMMON
ES	EMERGENCY SHUTDOWN POWER
FSW	FLOAT SWITCH
PLF	FEMALE PLUG/CONNECTOR
PLM	MALE PLUG/CONNECTOR
TB	TERMINAL BLOCK
TR	TRANSFORMER
XS	TRANSFORMER POWER



0140L 07131-A

Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

CUSTOMER FEEDBACK

Daikin is very interested in all product comments.

Please fill out the feedback form on the following link:

<https://daikincomfort.com/contact-us>

You can also scan the QR code on the right to be directed to the feedback page.



Our continuing commitment to quality products may mean a change in specifications without notice.

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- Adjustable Timers & Deadbands
- Setpoint Limiting
- Programmable Fan
- Accepts Remote Sensor or Outdoor Sensor

- Choice of English, Spanish or French
- Customizable Screensaver & Wallpaper
- API for 3rd Party Monitor & Control
- **Wi-Fi Built In** — Free mobile apps available
- Drop down current weather and forecast screen
- Title 24 Compliant



DT4273C

Also controls humidification & dehumidification

Accessories



TSTATGTAC-OS
Touch Screen
Outdoor/Indoor
Temperature Sensor

TSTATGTAC-WP
Touch Screen
Wall Plate



TSTATGAC-WS
Wired Sensor

ATTENTION INSTALLING PERSONNEL

As a professional installer you have an obligation to know the product better than the customer. This includes all safety precautions and related items.

Prior to actual installation, thoroughly familiarize yourself with this Instruction Manual. Pay special attention to all safety warnings. Often during installation or repair it is possible to place yourself in a position which is more hazardous than when the unit is in operation.


Remember, it is **your** responsibility to install the product safely and to know it well enough to be able to instruct a customer in its safe use.

Safety is a matter of common sense...a matter of thinking before acting. Most dealers have a list of specific good safety practices...follow them.

The precautions listed in this Installation Manual are intended as supplemental to existing practices. However, if there is a direct conflict between existing practices and the content of this manual, the precautions listed here take precedence.


! WARNING

HIGH VOLTAGE!
TO AVOID THE RISK OF ELECTRICAL SHOCK, WIRING TO THE UNIT MUST BE POLARIZED AND GROUNDED.



! WARNING

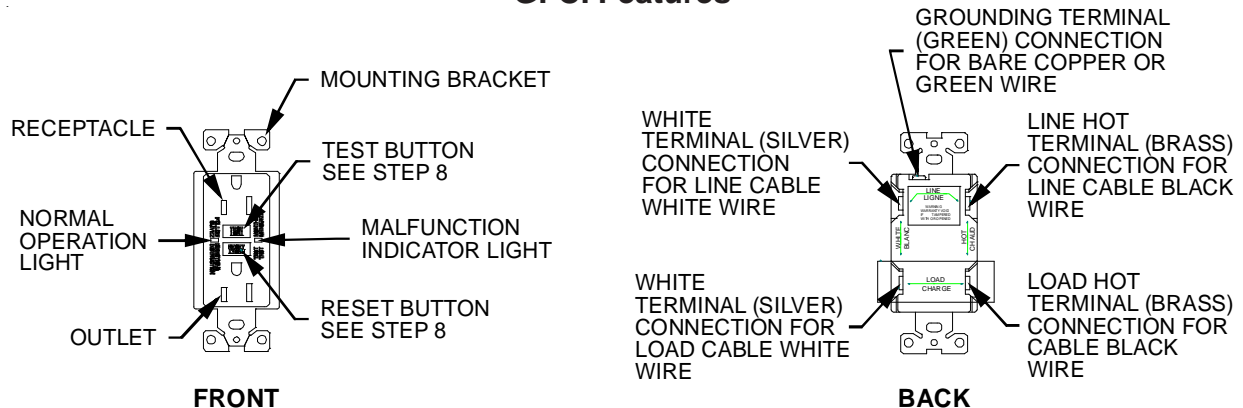
HIGH VOLTAGE!
TO AVOID PERSONAL INJURY OR DEATH DUE TO ELECTRICAL SHOCK, DISCONNECT ELECTRICAL POWER BEFORE SERVICING OR CHANGING ANY ELECTRICAL WIRING.



IMPORTANT!

- A GFCI receptacle is different from conventional receptacles. In the event of a ground fault, a GFCI will trip and quickly stop the flow of electricity to prevent serious injury.
- A GFCI receptacle does NOT protect against circuit overloads, short circuits, or shocks. For example, you can still be shocked if you touch bare wires while standing on a non-conducting surface such as a wood floor.
- Your unit has been built with either a powered or non-powered 115V / 15A GFCI outlet for your convenience. This is to only be used while servicing the unit.
- Use this GFCI with copper or copper-clad wire. Do not use it with aluminum wire.
- Do not install this GFCI receptacle on a circuit that powers life support equipment because if the GFCI trips it will shut down the equipment.
- The GFCI receptacle must be kept dry by a weather proof cover and box at all times.
- Test the outlet before use to make sure it has not incurred any damage during shipping. Perform the *Operation Check* listed in this manual.

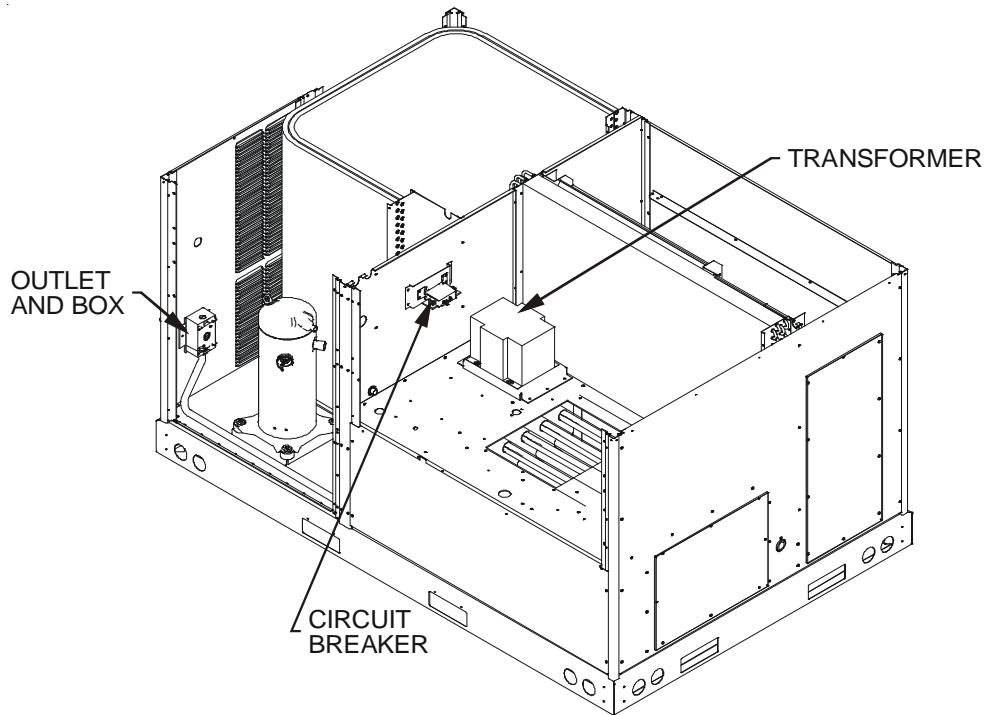
GFCI Features



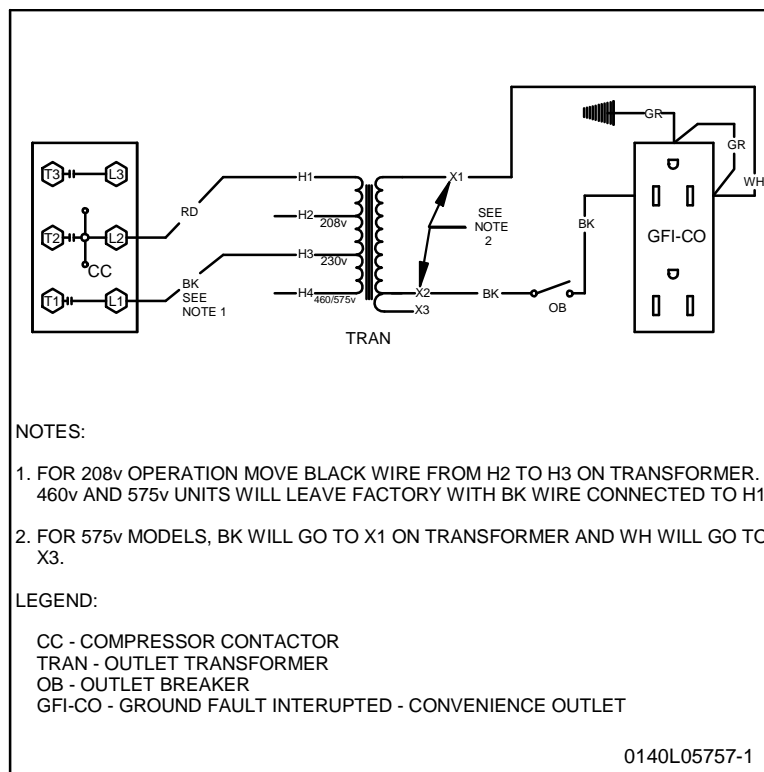
SCREW (TERMINAL) COLORS:
 GREEN = GROUNDING TERMINAL
 SILVER = WHITE TERMINALS
 BRASS = HOT TERMINALS



Your unit will have either a **powered** or **non-powered** GFCI outlet. If your unit has a factory-installed powered convenience outlet, the outlet is ready for use once the unit is installed and operating. See figure below for component locations of the powered outlet.



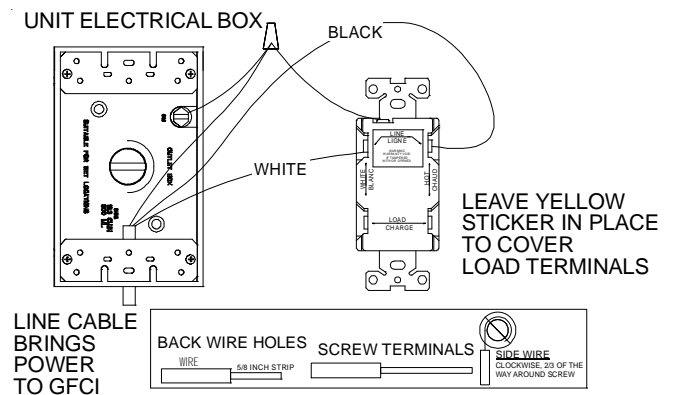
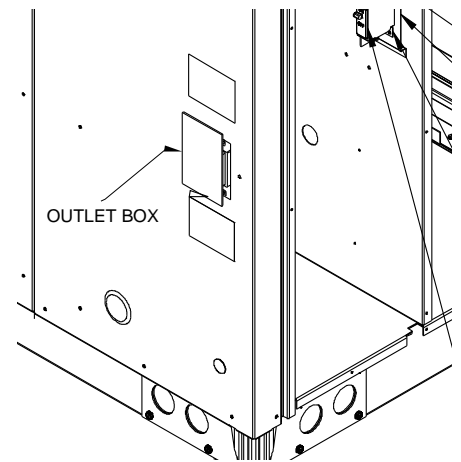
If the power for either needs to be altered from 230V to 208V, please review and follow the instructions listed on the outlet wiring diagram next to the unit diagram. Ensure unit power is OFF before making any wiring changes. See diagram below for your convenience.



NOTE: There is a 15A breaker mounted to the indoor section of the unit. If outlet is not powered, check the breaker to make sure it is in the ON position. If the breaker has been tripped, check for shorts in the wiring.

NON-POWERED GFCI OUTLET INSTALLATION INSTRUCTIONS

1. Turn power OFF to unit and power source used to power the outlet.
2. Locate the outlet on your unit. It will be near the control box area.
3. Remove gasket and outlet.
4. Bring power into the outlet box as shown. Ensure the wiring is suitable for outdoor conditions. Connect the white wire to the WHITE terminal (Silver).
5. Connect the black wire to the HOT terminal (Brass).
6. Connect a 6-inch bare copper (or GREEN) 12 or 14 AWG wire to the grounding terminal on the GFCI, and a similar wire to the grounding terminal on the box. Connect the ends of these wires to the LINE cable's bare copper (or GREEN) wire using a wire connector.
7. Fold the wires into the box, keeping the grounding wire away from the WHITE and HOT terminals. Screw the receptacle to the box.
8. Install cover as per instructions.



OPERATION CHECK

1. Turn power ON. Press the RESET button fully. Plug a lamp or radio into the GFCI (and leave it plugged-in) to verify that the power is ON.
2. Next, press the TEST button to trip the device. The radio or lamp should shut OFF and the RESET button will pop-out. To restore power, press the RESET button.
3. If the malfunction indicator light (end-of-life indicator LED) (red) lights, the GFCI has stopped functioning and needs to be replaced.

If the outlet does not work as described, turn power OFF and check the wire connections against the diagram shown above. Ensure that there are not loose wires or loose connections.

If the RESET button does not work, check the LINE and LOAD connections. They could be reversed. If there are no wiring mistakes, the receptacle could be damaged and will need to be replaced. If the connections are rewired to the GFCI, please perform the *Operation Check* again.

NOTE: There is a 15A breaker mounted to the indoor section of the unit. If outlet is not powered, check the breaker to make sure it is in the ON position. If the breaker has been tripped, check for shorts in the wiring.

Check the TEST and RESET buttons monthly to assure proper operation.

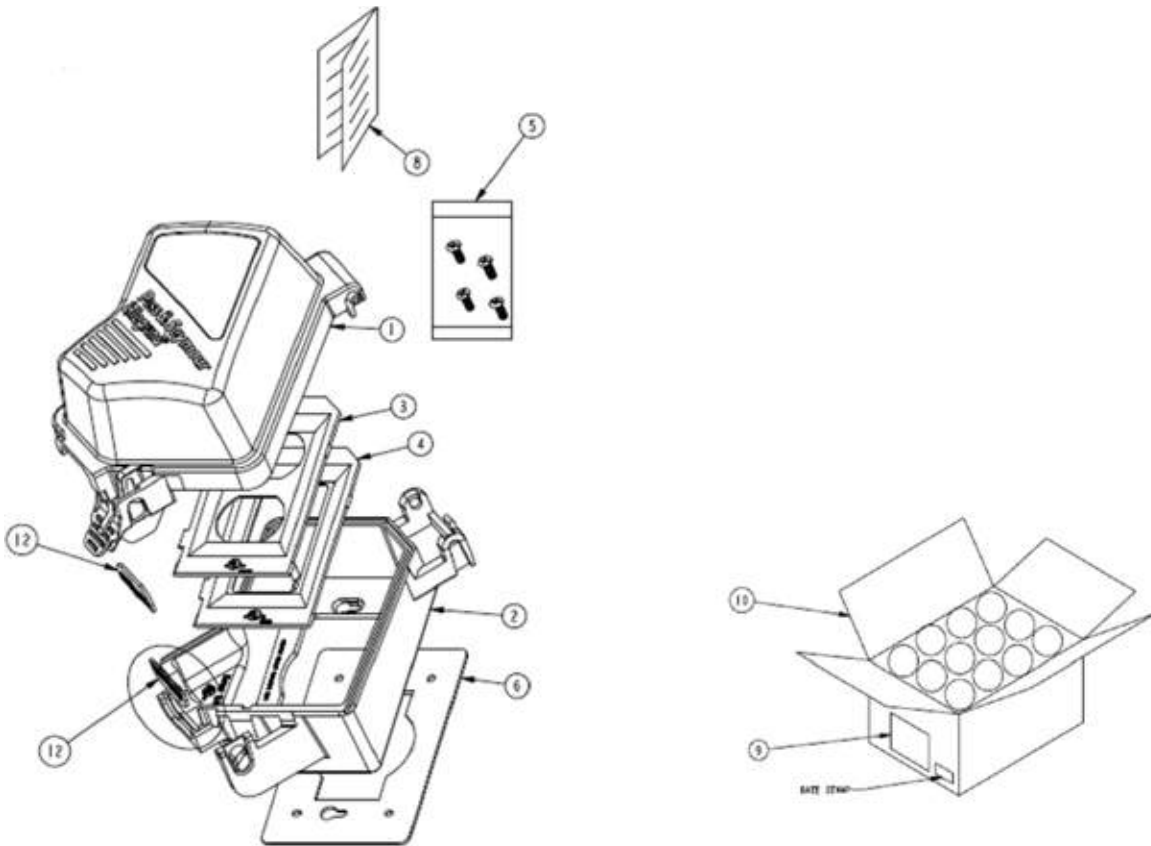
NON-POWERED AND POWERED GFCI OUTLET COVER INSTALLATION INSTRUCTIONS

1. Locate the outlet on your unit. It will be near the control box area.
2. Remove the gasket.
3. Install the GFCI outlet cover as shown.
4. The outlet cover is shipped with the unit and could be found in control box or blower deck.

ASSEMBLY INSTRUCTIONS: Numbers in parenthesis reflect the balloon numbers on the drawing.

1. Apply gasket (ITEM 6) to base (ITEM 2).
2. Apply adhesive, LOCTITE 4204 or 4205, (ITEM 13) into cord flap gasket slot of cover (ITEM 1) and base (ITEM 2). See gasket slot detail.

3. Insert cord flaps (ITEM 12) into slots of cover and base within 15 seconds of step 2 above. Ensure cord flaps are fully seated and top of flap is flush with the top of cord opening of cover and base. See cord opening detail. Presence of adhesive should not be apparent on any exposed surface of installed cord flap gasket.
4. Snap cover (ITEM 1) to base (ITEM 2).
5. Place wallplates (ITEM 3 & 4) into assembled unit.
6. Place bagged mounting screws (ITEM 5) into assembled unit.
7. Place instruction sheet (ITEM 8) into assembled unit.
8. Close assembled unit.
9. Place assembled unit into packaging bag (ITEM 7).
10. Seal packaging bag (ITEM 7).
11. Place sealed bags into carton (ITEM 10), four rows of three.
12. Place label (ITEM 9) on carton (ITEM 10).
13. Insert quality flyer (ITEM 11).



NOTE: SPECIFICATIONS AND PERFORMANCE DATA LISTED HEREIN ARE SUBJECT TO CHANGE WITHOUT NOTICE

Quality Makes the Difference!

All of our systems are designed and manufactured with the same high quality standards regardless of size or efficiency. We have designed these units to significantly reduce the most frequent causes of product failure. They are simple to service and forgiving to operate. We use quality materials and components. Finally, every unit is run tested before it leaves the factory. That's why we know. . . **There's No Better Quality.**

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FACTORY INSTALLED ELECTRICAL DISCONNECTS INSTALLATION INSTRUCTIONS

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5151 San Felipe, Suite 500, Houston, TX 77056
www.daikinac.com
P/N: IOD-7002A Date: JULY 2019

DESCRIPTION

This Installation and Operation manual covers Factory Installed Electrical Disconnects for Daikin Commercial Package Units.

WARNING

ONLY PERSONNEL THAT HAVE BEEN TRAINED TO INSTALL, ADJUST, SERVICE OR REPAIR (HEREINAFTER, "SERVICE") THE EQUIPMENT SPECIFIED IN THIS MANUAL SHOULD SERVICE THE EQUIPMENT. THE MANUFACTURER WILL NOT BE RESPONSIBLE FOR ANY INJURY OR PROPERTY DAMAGE ARISING FROM IMPROPER SERVICE OR SERVICE PROCEDURES. IF YOU SERVICE THIS UNIT, YOU ASSUME RESPONSIBILITY FOR ANY INJURY OR PROPERTY DAMAGE WHICH MAY RESULT. IN ADDITION, IN JURISDICTIONS THAT REQUIRE ONE OR MORE LICENSES TO SERVICE THE EQUIPMENT SPECIFIED IN THIS MANUAL, ONLY LICENSED PERSONNEL SHOULD SERVICE THE EQUIPMENT. IMPROPER INSTALLATION, ADJUSTMENT, SERVICING OR REPAIR OF THE EQUIPMENT SPECIFIED IN THIS MANUAL, OR ATTEMPTING TO INSTALL, ADJUST, SERVICE OR REPAIR THE EQUIPMENT SPECIFIED IN THIS MANUAL WITHOUT PROPER TRAINING MAY RESULT IN PRODUCT DAMAGE, PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.

ATTENTION INSTALLING PERSONNEL

As a professional installer, you have an obligation to know the product better than the customer. This includes all safety precautions and related items.

Prior to actual installation, thoroughly familiarize yourself with this Instruction Manual. Pay special attention to all safety warnings. Often during installation or repair, it is possible to place yourself in a position which is more hazardous than when the unit is in operation.

Remember, it is your responsibility to install the product safely and to know it well enough to be able to instruct a customer in its safe use.

Safety is a matter of common sense...a matter of thinking before acting. Most dealers have a list of specific good safety practices...follow them.

The precautions listed in this Installation Manual are intended as supplemental to existing practices. However, if there is a direct conflict between existing practices and the content of this manual, the precautions listed here take precedence.

WARNING

HIGH VOLTAGE!

TO AVOID THE RISK OF ELECTRICAL SHOCK, WIRING TO THE UNIT MUST BE POLARIZED AND GROUNDED.



PANEL / HANDLE INSTALLATION INSTRUCTIONS

NOTE: All field wiring must be per the National Electric Code. Use Copper Conductors only.

WARNING

HIGH VOLTAGE!

DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



1. Remove disconnect panel from unit making sure to keep the panel mounting screws.
2. Remove "label" that is covering the Disconnect Shaft opening.
3. Route field wiring through the wire inlet and connect to the top lugs of the disconnect switch (Figure 1). **NOTE:** Disconnect switches are functional in any position. Some might be mounted "upside down". Field wiring should connect in the top as shown.

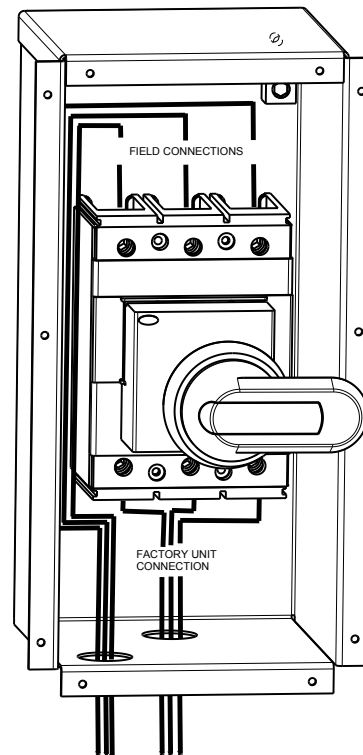


Figure 1

NOTE: For illustration purposes ONLY.
Unit may not be exactly as shown.



4. Attach Handle Assembly to Disconnect Panel with handle oriented as shown in Figure 2. Make sure the handle is in the "OFF" position.

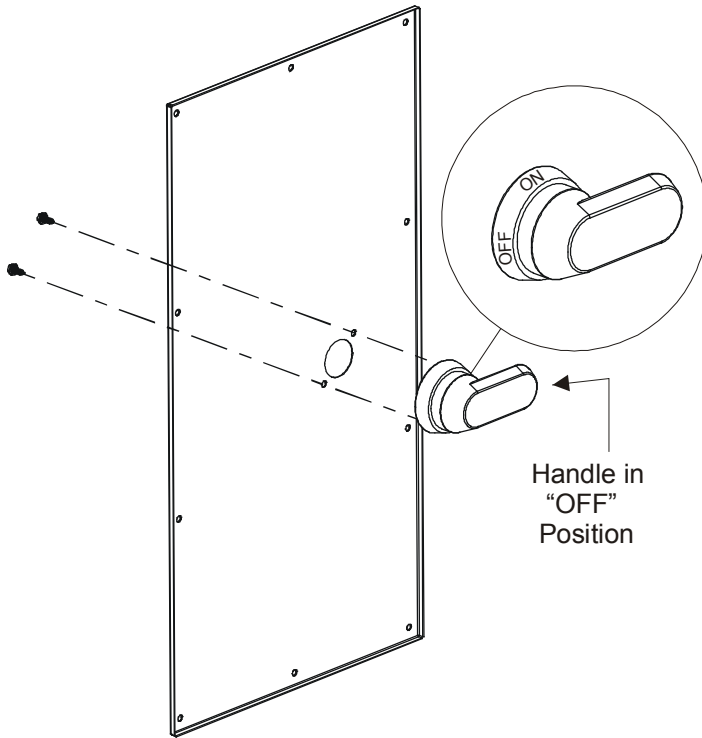


Figure 2

6. Align shaft with the opening in the Handle Assembly and slide Panel/Handle Assembly into place.
7. Secure the panel with the panel mounting screws (Figure 4).

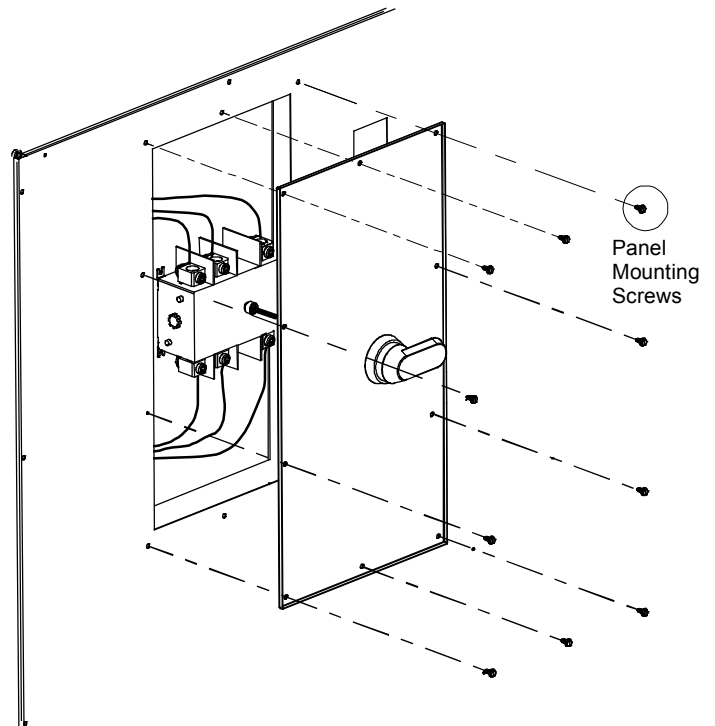


Figure 4

5. Insert "shaft" into the opening on the DISCONNECT SWITCH (Figure 3). Make sure switch is in the "OFF" position (rotated fully counter-clockwise). The "pin" at the handle end of the shaft will be in the horizontal position.

NOTE: Some shafts have a "chamfer" along one edge. This chamfer should be oriented to the "bottom left" when the switch is in the "OFF" position.

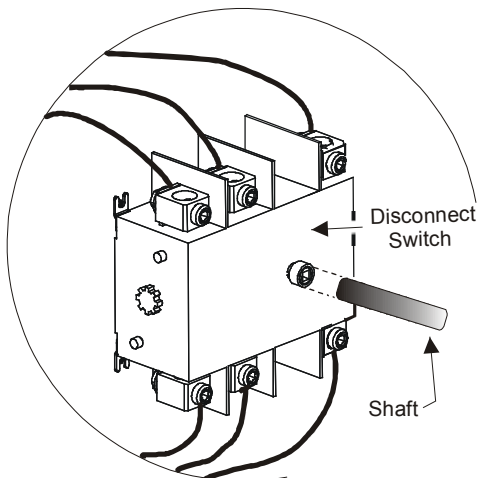


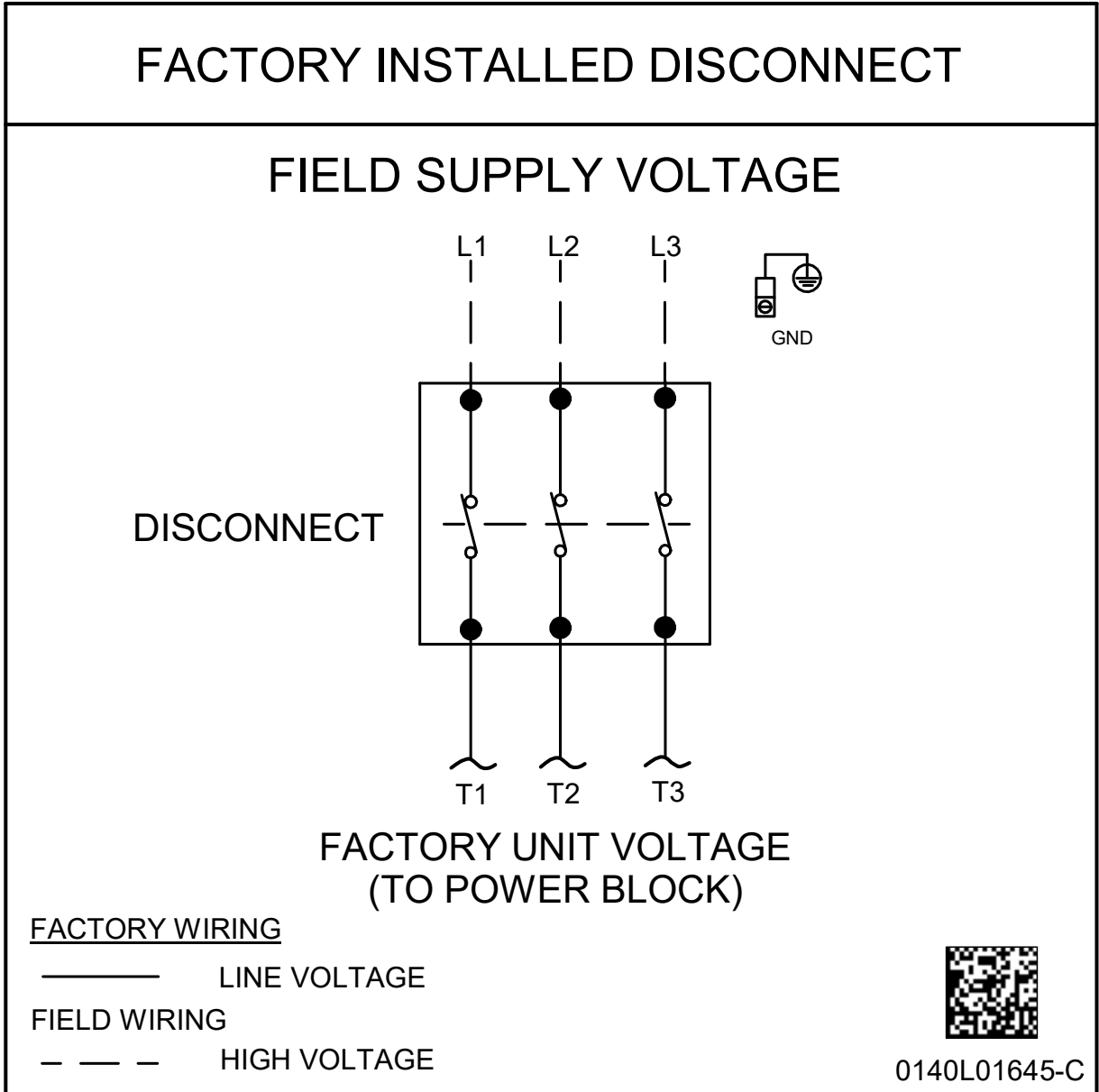
Figure 3

APPENDIX A WIRING DIAGRAM

HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.

WARNING





Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

CUSTOMER FEEDBACK

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Please fill out the feedback form on the following link:

<https://daikincomfort.com/contact-us>

You can also scan the QR code on the right to be directed to the feedback page.



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HAIL GUARDS
FOR 15 - 25 Ton LIGHT
COMMERCIAL ROOFTOP UNITS
MODELS: DFG/DFC
INSTALLATION INSTRUCTIONS

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 19001 Kermier Rd., Waller, TX 77484
www.daikincomfort.com
 P/N: IOD-7147 Date: July 2022



WARNING

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WARNING

DO NOT BYPASS SAFETY DEVICES

To select proper hail guard please use Hail Guard selection chart.

MODEL	Kit Number
	HAILGD180300
DFC180	X
DFC240	X
DFC300	X
DFG180	X
DFG240	X
DFG300	X



Hail Guards are to be installed on the outside of the condenser coils, see figure 1.

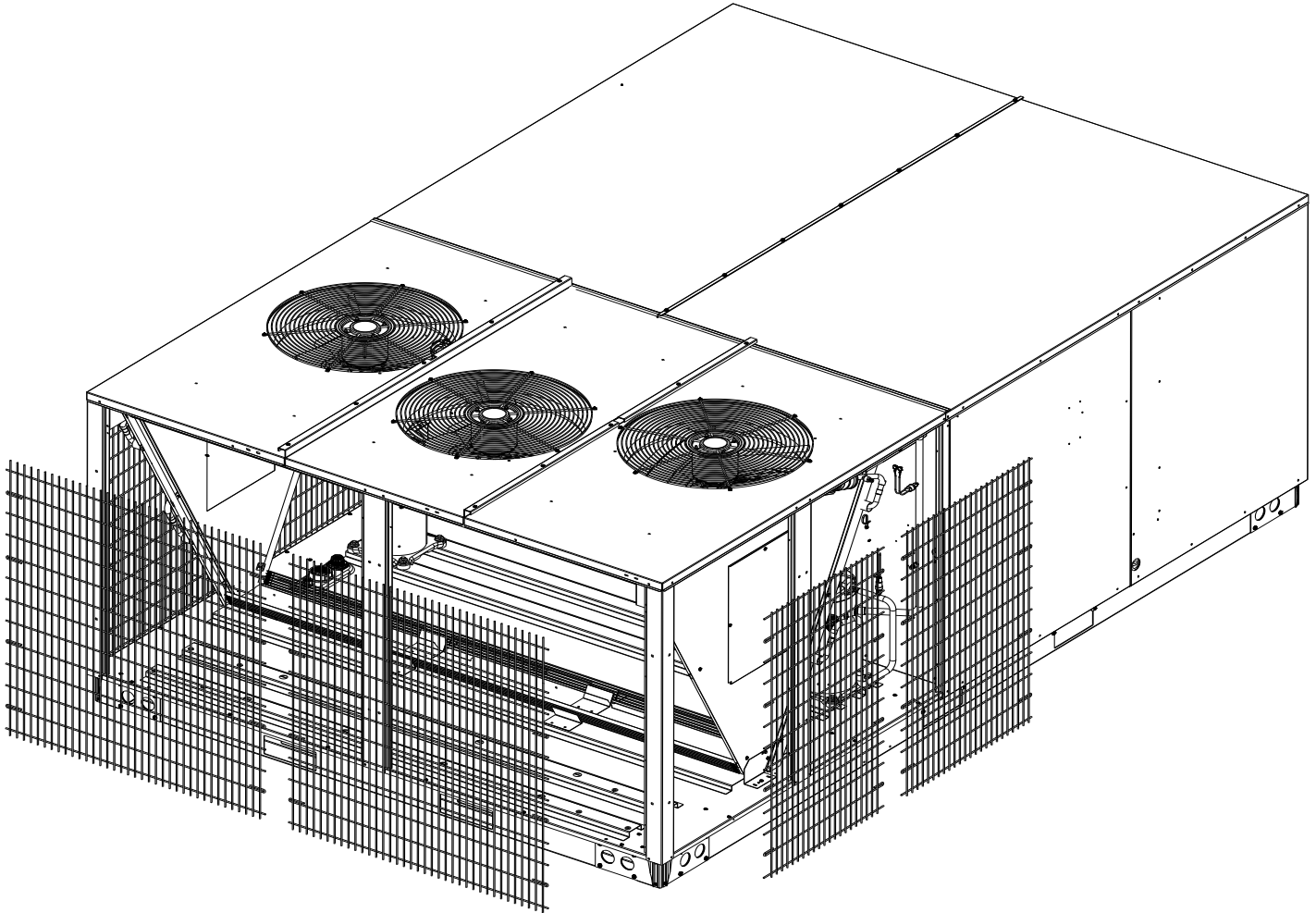


Figure 1

1. Remove the existing condenser grilles by removing the screws holding them in place. Be careful as they can fall once all screws are removed. Before removing the last screw on each grille guard, hold the grille in place with your hand or have someone hold it in place. (See Figure 1)

2. Once the existing grilles have been removed, replace the posts, one-by-one, with the new ones provided in the carton. One-by-one meaning, taking the old one off and immediately replacing it with the new one before removing another one. This will keep the weight of the top panel supported. See figure two for correct riv nut orientation when installing the posts. Please reuse the screws that were removed to replace the old posts with the new posts. The bottom of the posts have a notch cut out of them. See Figure 2a for more detail.

3. After replacing all the posts, attach the Turnbuckle bracket with the silver screws provided. Do not fully seat the screw as we need to install the Hail Guard still. Slide the top of the Hail Guard up and under the Top Panel flange and hold it in place while you secure the bottom of the Hail Guard with the black screws provided. For correct panel orientation, the solid panels have a hole at the bottom of the panel. For the louvered panels, the louvers should be facing downwards before installing.

4. Then rotate the turnbuckle brackets so the long end of the bracket is against the Hail Guard. Hold the turnbuckle bracket in place and fully seat the screw or the bracket will rotate around. See Figure 3 for proper bracket orientation. See Figure 4 for completed installation.

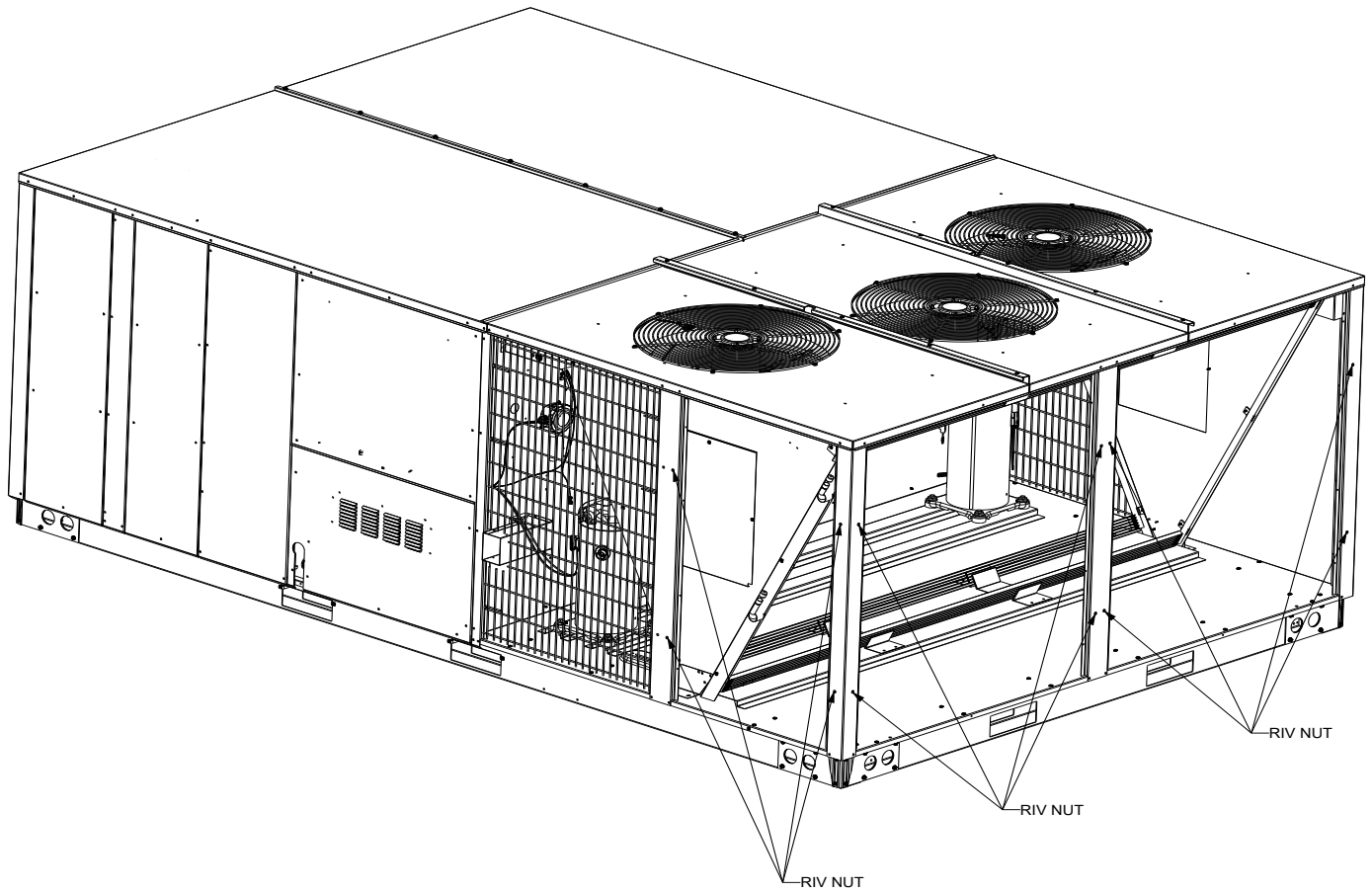


Figure 2

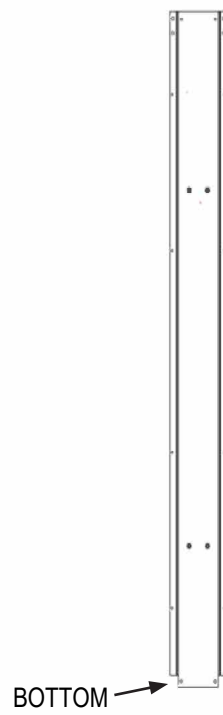


Figure 2A

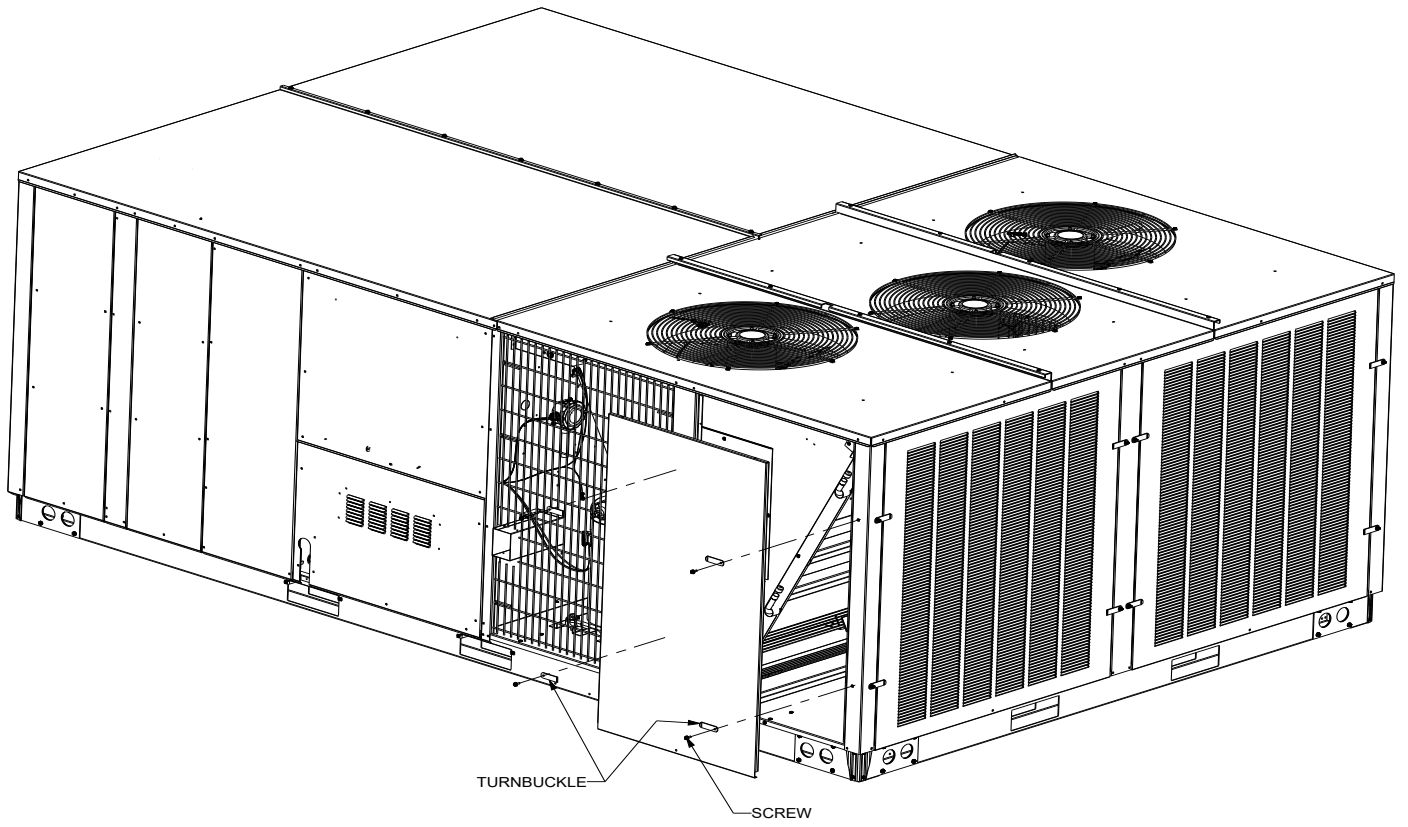


Figure 3

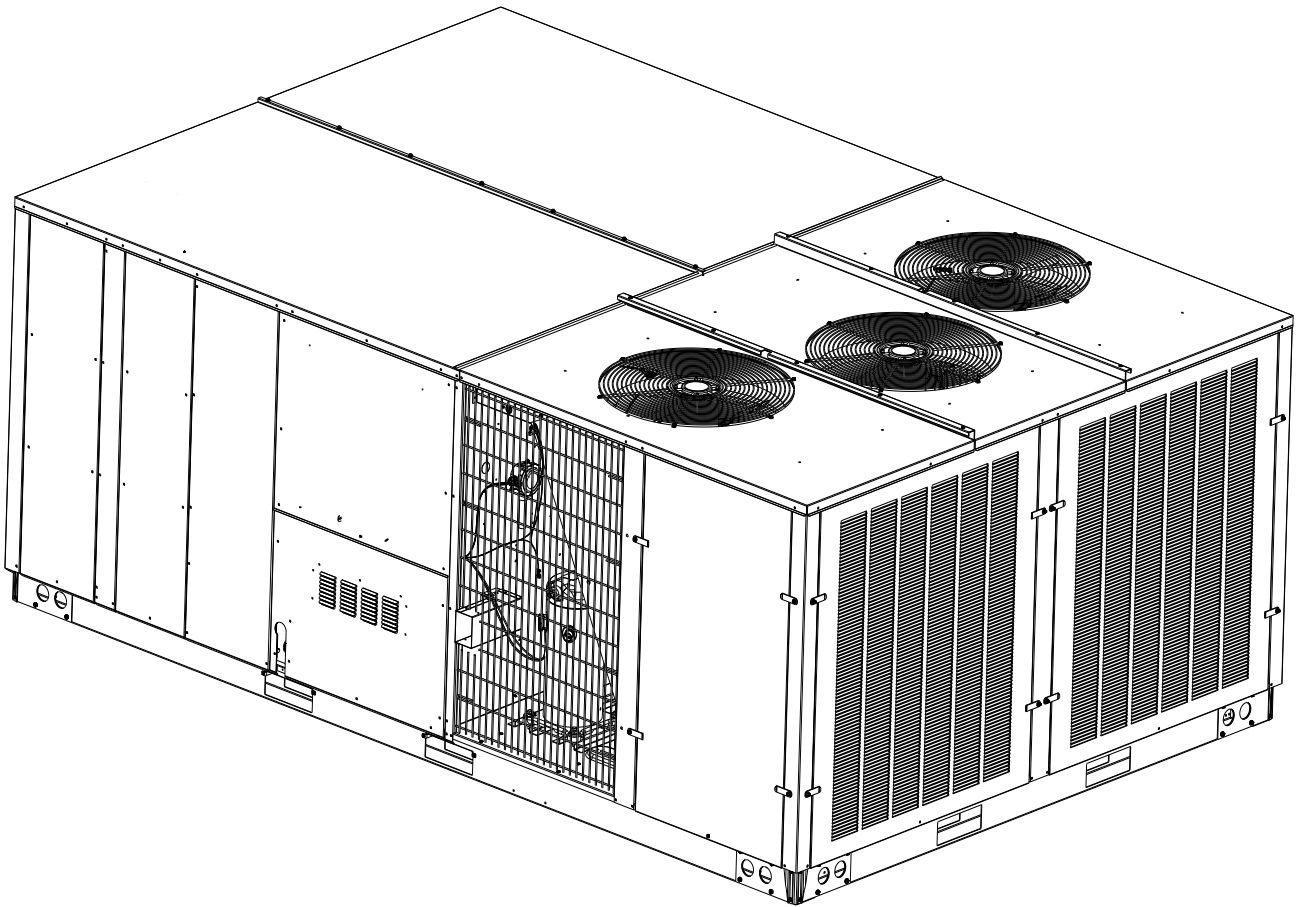


Figure 4

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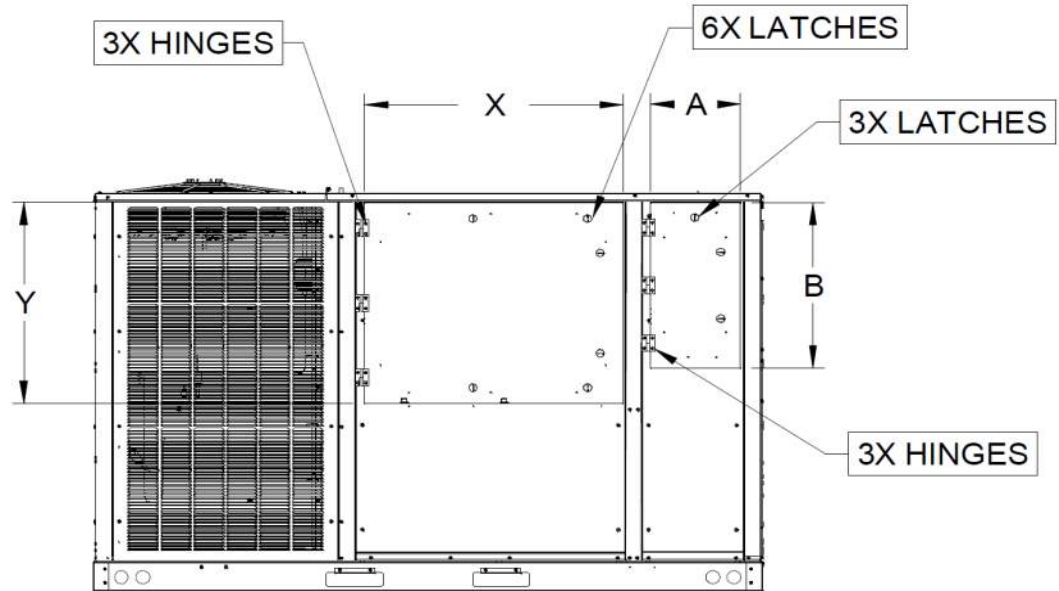
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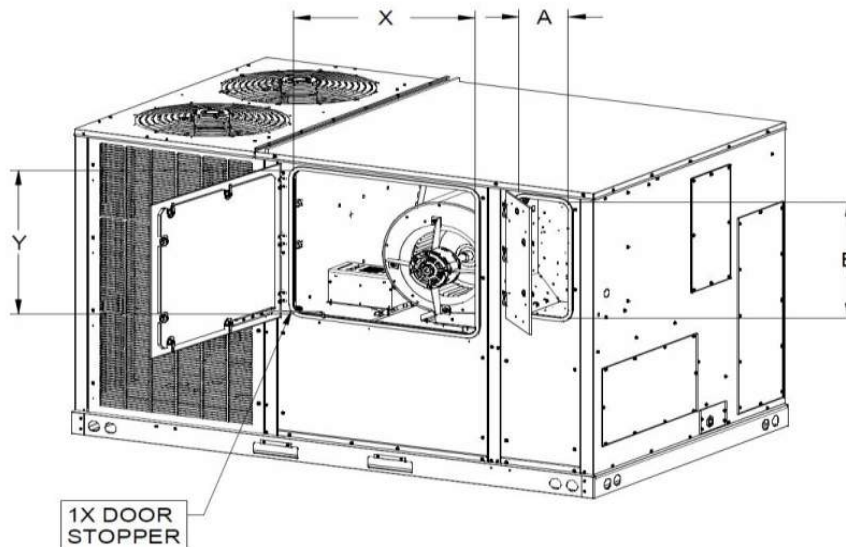
HINGED DOOR, 7.5-12.5 TON

Factory installed hinged door option for 7.5-12.5 ton light commercial models



➤ Hinged door size:

- 7.5/8.5/10Ton: A= 12.62, B= 24.46, X= 36.27, Y= 25.65
 - 12.5Ton: A= 12.62, B= 24.46, X= 36.27, Y= 29.63
- (All dimensions in inches)



➤ Blower and control box opening:

- 7.5/8.5/10Ton: A= 9.42, B= 22.40, X= 32.61, Y= 23.31
 - 12.5Ton: A= 9.42, B= 22.40, X= 32.61, Y= 27.49
- (All dimensions in inches)

DAKTRONICS

03:05

HOME

10

FOULS

8

SCORE

PERIOD

A
B

4

B

PLAYER FOUL

29 3

MATCH

GUEST

87

FOULS

10

SCORE

T.O.L.

5

T.O.L.

5