

ARCHITECT'S ADDENDUM

Addendum Number: 001

Date: October 7, 2026

RE: EASD #131 East Aurora High School
2027 Mechanical Improvements

Prepared By: Alejandro Rojas
Cordogan, Clark & Associates

CCA Project No.: 261012

To: Prospective Bidders

Subject: Addendum No. 001 to the Construction Documents for the EASD #131 East Aurora High School 2027 Mechanical Improvements Project.

This Addendum forms a part of the Construction Documents and modifies the original Construction Documents, dated 10.01.2026. Acknowledge receipt of this Addendum in space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

THE FOLLOWING ITEMS ARE TO BE INCLUDED IN THE PROPOSAL.

General Clarifications:

1. **A second mandatory Prebid Conference meeting will be held on Thursday, October 8th, at 11:00am – 12:00pm local time virtually, for those parties unable to connect to the first Prebid Meeting held on Monday, October 5th.** All parties are welcome to attend, but those in attendance on October 5th will not be required to attend. A copy of the October 5th sign-in sheet is attached. See link to Prebid Meeting below.

[Pre-Bid Meeting Link](#)

Microsoft Teams meeting

Join:

<https://teams.microsoft.com/meet/291065001561884?p=sHvuprzqRm5R4eXUr4>

Meeting ID: 291 065 001 561 884

Passcode: 6HJ9Qe2Y

2. Pre-bid agenda is included in this addendum.
3. Pre-bid sign in sheet is included in this addendum.

Clarifications to the Electrical Drawings:

1. D-E2.1 – FIRST FLOOR ELECTRICAL POWER PLAN

- **ADDED**, Keynote “6” for electrical scope for Equipment CUH-D-1.6, CUH-D-1.8, and FC-144.5

2. D-E2.2 – BOILER ROOM ELECTRICAL POWER PLAN

- Circuited equipment HWP-A1.3.

3. E4.3 – EQUIPMENT HOOKUP SCHEDULE, AND DETAILS

- **ADDED**, HWP-A1.3, CUH-D-1.6, CUH-D-1.8, and FC-144.5 to the Equipment Connection Schedule
- Renamed UV-201 in Computer Lab 203 to UV-201.1.
- Renamed FC092.2 to FC-092.2, FC092.3 to FC-092.3, FC092.4 to FC-092.4, and CP-AHU-LT to CP-AHU-A2-LT.

4. E4.3B – PANEL SCHEDULES

- Modified Panel HM-D to accommodate added equipment HWP-A1.3

Attachments:

1. Pre-Bid Agenda
2. Pre-Bid Meeting Sign-In Sheet
3. Sheet D-E2.1 – First Floor Electrical Power Plan
4. Sheet D-E2.2 – Boiler Room Electrical Power Plan
5. Sheet E4.3 – Equipment Hookup Schedule and Details
6. Sheet E4.3B – Panel Schedules

End Of Addendum No. 001

PRE-BID CONFERENCE AGENDA

DATE: October 5, 2026

RE: East Aurora High School – 2027 Phase 3 Mechanical Improvements

CCA Project No.: 26-1012

TIME: 10:00 am

LOCATION: via Teams Meeting

AGENDA NO.: PRE-BID Conference

Introductions:

Andrew J. Allen	EASD 131, Assistant Superintendent for Operations
AJ Kawash	EASD 131, Director of Buildings & Grounds
Austin Fiegel	Trane Chicago
Jordan Lutz	CCA Mechanical Engineer
Alejandro Rojas	CCA Architect
Michael Perez	CCA Associate
Gabe David	CCA Architectural Designer
Luca Muench	CCA Senior Project Manager
Jon Lavin	CCA Project Engineer

- A. East Aurora School District (hereinafter referred to as the Owner) will receive bids for the following projects until 10:00 A.M., local time, on October 22, 2026, at the District Office of East Aurora School District #131, 310 Seminary Avenue, Aurora, IL 60506. Any bids received after this time may be rejected. Proposals shall be addressed to:
- East Aurora School District #131
310 Seminary Avenue
Aurora, IL 60505
Attention: Ashraf Kawash, Director of Buildings & Grounds
Project: East Aurora High School – 2027 Mechanical Improvements
Do Not Open – Project #26-1012
- B. Bids will be publicly opened and read at the time and location noted above.
- C. Bids will be accepted as a Bid Build Contract, based on Lump Sum bid format. Proposal award will be issued to a single Bidder depending upon the lowest aggregate responsive and responsible Bid(s) from qualified Bidders.
- D. Contract Documents may be obtained by Bidding Contractors from Vesco Reprographics 630-896-2115 or <http://www.cordoganclarkplanroom.com>, on or after, October 10, 2025.
- E. Project Summary:

Work includes mechanical system replacement at East Aurora High School. This is a bid-build project that requires, but is not limited to, Mechanical and Electrical Systems as well as related architectural improvements, installation of equipment, installation of associated electrical work. The mechanical equipment will be directly purchased by the district. This work needs to be done within the schedule provided and does not allow for schedule fluctuation.

- F. All bids must be accompanied by a Bid Security in the form of Bid Bond in the amount of 10% of the Base Bid (plus additive alternates) made payable to the Owner.
- G. Mandatory Pre-bid conference will be via team meeting. Attendance is required. **MAKE SURE YOU have followed specification 002513 Prebid Meeting requirements.** The role call will be recorded by CCA and distributed as a record for attendance.
- H. All bidders are required to visit the sites. The project site at East Aurora High School is available for inspections on the following dates:
 - 10/6 @ 7:30am
 - 10/9 @ 9:30am
 - 10/12 @ 11:00am

We highly recommend that your team utilizes this time to review all existing conditions impacting the project. Should a bidder find discrepancies or ambiguities in, or omissions from documents, or should they be in doubt as to their meaning, they shall, at once, and in any event, not later than 72 hours prior to bid due date, notify Cordogan and Clark, who will, if necessary, send written addendum to all bidders. The EASD #131 nor Cordogan and Clark shall not be responsible for any oral instructions.

- I. The Contractor shall pay, if applicable, not less than the prevailing rate of wages as established, to all laborers, workmen and mechanics in the performance of Work under this Contract in accordance with "An Act regulating wages of laborers, mechanics and other employed under contracts of Public Works." 820 ILCS 130/1 et seq.
- J. The Owner reserves the right to reject any and all bids, to waive any informality in bidding, or accept the bid that, in their opinion, will serve their best interests.
- K. This Project is exempt from Taxes.
- L. Insurance Requirements are as noted in the Specifications Section 003500-4 1.6 and in Exhibits.
- M. Contractor Qualifications – AIA A-305 Contractor Qualification Form must be filled out in its entirety and duly executed.
- N. The Contractor is required to perform their work within the Following Preliminary Construction Schedule. The schedule implies an aggressive construction operation. By submitting a bid, the Contractor guarantees they can meet the proposed Construction Schedule. The Contractor shall assume multiple mobilizations may be required to perform the scope of work. Be aware there is a liquidated damages clause.
 - a. Refer to attached milestone schedule.
 - b. Substantial Completion dates are fixed.

- O. Background Checks - EASD #131 requires finger printing and background checks for all Contractors working in the School District. It is the Contractors responsibility for all associated costs for the finger printing and background checks.

P. PROJECT DETAIL REVIEW

- Overview
- Project Schedule / milestones
- Abatement by others
- Early Project Work Review
- Work Scope
 - Architectural Improvement Overview
 - Schedules
 - Mechanical Overview
 - Equipment Procurement Process
 - All Equipment shall be single source for the school.
 - Mockup requirements (if any)
 - Time for Controls Work
 - Warranty
 - Two-year minimum requirement on parts and labor
 - ROE Submittal
 - Commissioning

Q. QUESTIONS AND ANSWERS

R. SITE WALK THROUGHS:

- 10/6 @ 7:30AM
- 10/9 @ 9:30AM
- 10/12 @ 11:00AM

Contact information:

Luca Muench lmuench@cordoganclark.com

PRE-BID MEETING SIGN-IN SHEET

Meeting Number: 001

Date: October 5, 2026

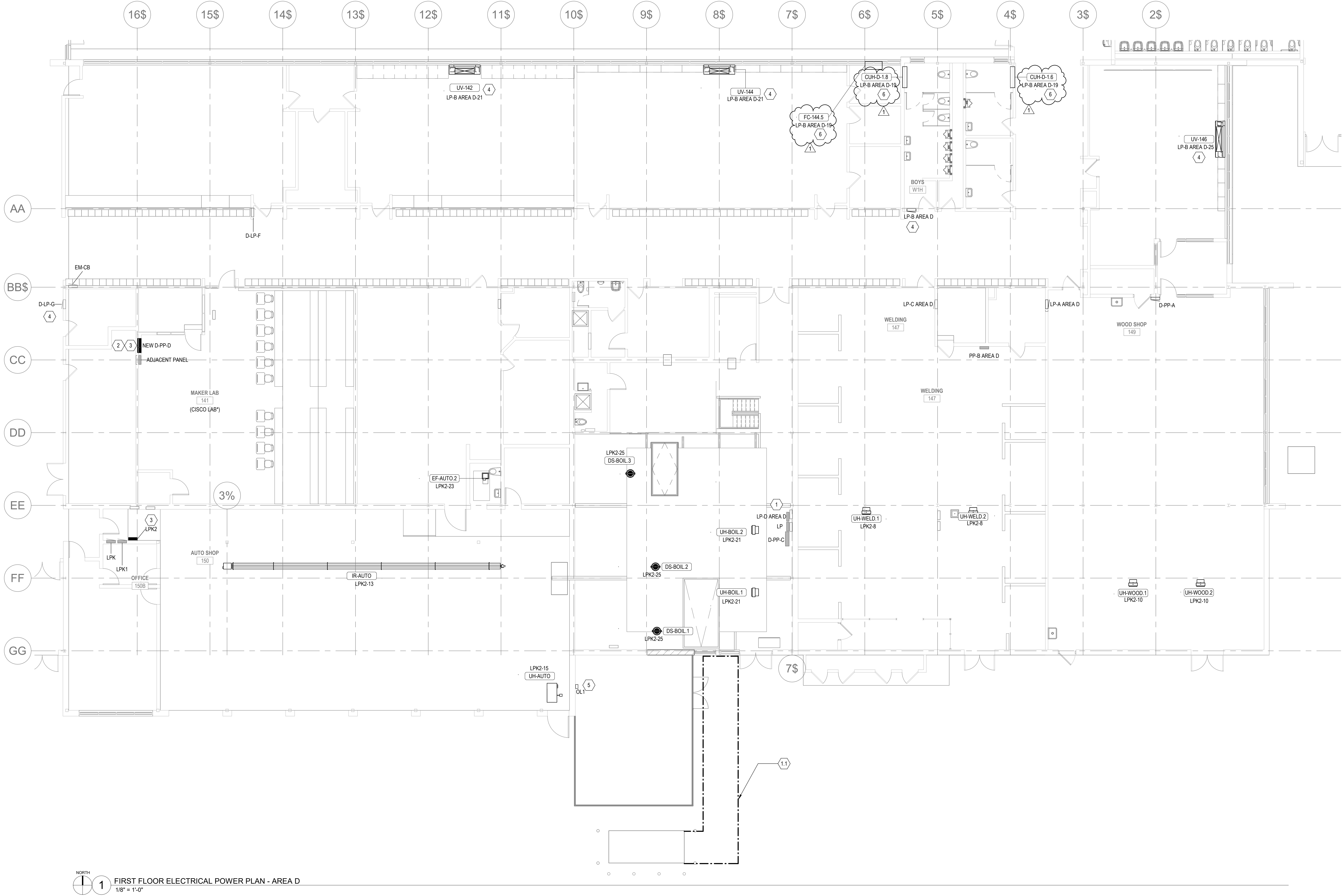
Time: 10:00 am

RE: East Aurora High School –
2027 Mechanical Improvements Project

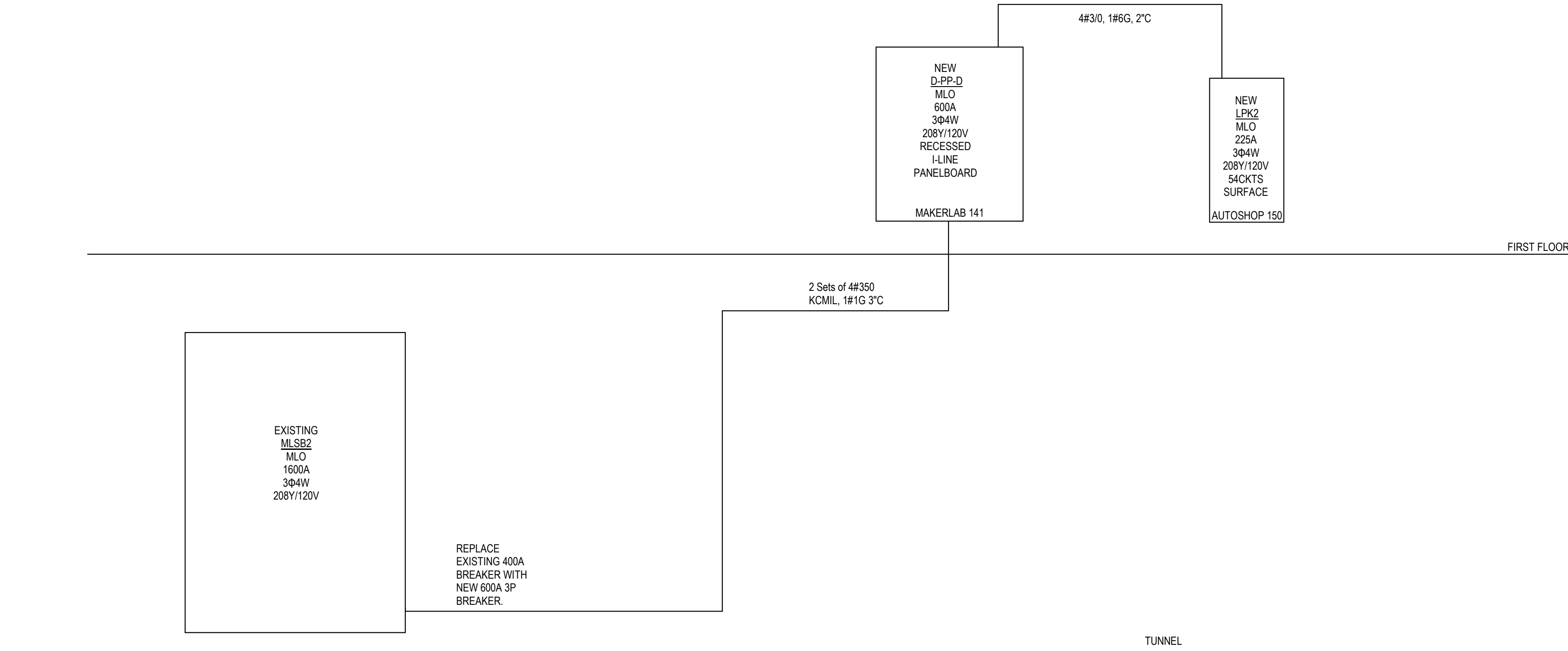
Prepared By: Gabe David
Cordogan Clark & Associates, Inc.

CCA Project No.: 261012

NAME / TITLE	COMPANY	PHONE / EMAIL
Erin McManus	FE Moran	847-404-7129 Erin.McManus@femoran.com
Bill Callaghan	Henry Bros Co.	billcallaghan@henrybros.com
John Campbell	Lite Construction	630-896-7220 johnc@liteconstruction.com
Herbert Smith	HMR Construction	hsmith@hmrconstruction.com
Anthony Acitelli	C. Acitelli Heating & Piping Contractors, Inc.	630-832-4645 anthony@acitelli.com
Jennifer Hopkins	Helm Mechanical	815-235-1955 jhopkins@helmgroupp.com
Kurt Mattson	Dekalb Mechanical	815-756-6528 kmattson@dekalbmechanical.com
Andy Skupien	Dekalb Mechanical	askupien@dekalbmechanical.com
Michael Malizia	Quality Control Systems, Inc.	708-304-2200 estimating@qualitycontrolsys.com
Austin Fiegel	Trane Chicago	312-833-7698 Austin.Fiegel@trane.com



1 FIRST FLOOR ELECTRICAL POWER PLAN - AREA D
1/8" = 1'-0"



2 ONE-LINE DIAGRAM - MAKERLAB & AUTOSHOP

ELECTRICAL POWER KEYNOTES

- ELECTRICAL EQUIPMENTS LOCATED IN THE BOILER ROOM BASEMENT.
- NEW 600A 208Y/120V I-LINE PANELBOARD D-PP-D, PROVIDE NEW 600A 3P BREAKER IN MLSB2 TO SERVE UPGRADED D-PP-D. SEE SHEET E5.0 FOR APPROXIMATE EQUIPMENT LOCATION. USE MIN. 2 SETS OF 4#350 KCMIL, 1#1G & 3" C WIRING. SEE ONE-LINE DIAGRAM ON THIS SHEET AND REFER TO E5.0 FOR MLSB2 LOCATION.
- PROVIDE NEW 200A 3P BREAKER IN D-PP-D TO SERVE NEW LPK2. NEW PANEL LPK2 TO BE SQUARE D NQ 225A 208Y/120V 3P WITH 54 CIRCUITS. USE MIN. 4#30, 1#6G & 2" C WIRING. SEE ONE-LINE DIAGRAM ON THIS SHEET.
- VERIFY EXISTING AVAILABLE 20A SPARE BREAKER IN PANEL LP-B FOR POWER TO NEW UNIT VENTILATOR (UVI) EQUIPMENT. IF NO SUITABLE SPARE BREAKER IS AVAILABLE, UTILIZE AVAILABLE SPACE IN PANEL D-LP-G AND PROVIDE COMPATIBLE 20A BREAKER(S) TO SERVE NEW UVs.
- PROVIDE POWER FOR NEW EXTERIOR WALL LIGHTING OL1 FIXTURE. USE EXISTING EXTERIOR LIGHTING BRANCH CIRCUIT IN THE AREA FOR POWER CONNECTION.
- VERIFY EXISTING AVAILABLE 20A SPARE BREAKER IN PANEL LP-B FOR POWER TO NEW CUHs AND FC. IF NO SUITABLE SPARE BREAKER IS AVAILABLE, UTILIZE AVAILABLE SPACE IN PANEL D-LP-G AND PROVIDE COMPATIBLE 20A BREAKER(S) TO SERVE NEW EQUIPMENT.

ALTERNATE WORK:

- PROTECT EXISTING BELOW-GRADE ELECTRICAL CONDUITS SERVING THE GENERATOR WITHIN THIS AREA DURING SITE WORK. PROVIDE NECESSARY PROTECTION TO PREVENT DAMAGE TO THE CONDUITS.

ARCHITECT:

CONSULTANTS:

**EAST AURORA SCHOOL DISTRICT #131
EAHS MECHANICAL IMPROVEMENTS
PHASE III**
500 TOMCAT LN.
AURORA, IL 60506

NOT FOR
CONSTRUCTION

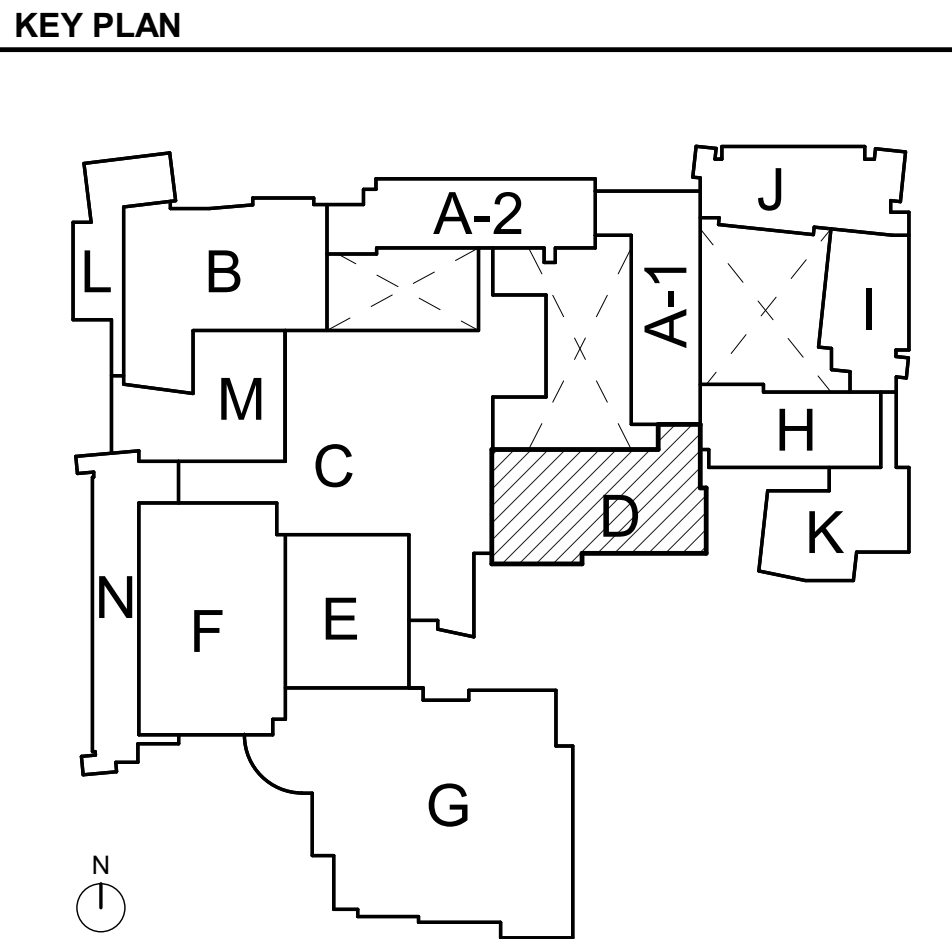
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CC JOB NUMBER 261012
DATE 10.01.2026
REVISIONS:

#	Description	Date
1	Addendum#1	10.07.2026

DRAWING TITLE:
**FIRST FLOOR
ELECTRICAL
POWER PLAN**

D-E2.1

ISSUED FOR BID SET - 10.01.2026



- ELECTRICAL DEMOLITION KEYNOTES
- 1

DISCONNECT EXISTING POWER CONNECTION FROM EXISTING BOILER AND DEMO ASSOCIATED DISCONNECT SWITCH AND CONTROLS. SECURE WIRING BACK TO SOURCE.
- 2

DISCONNECT EXISTING POWER CONNECTION FROM EXISTING EXHAUST FAN AND DEMO ASSOCIATED DISCONNECT SWITCH AND CONTROLS. SECURE WIRING BACK TO SOURCE.
- 3

UNINSTALL AND PROPERLY DISPOSE EXISTING LIGHTING FIXTURES AS INDICATED TO ACCOMMODATE NEW LIGHTING FIXTURE LOCATIONS. FIXTURES WITH TAG "B" ARE LOCATED IN THE BASEMENT OF THE BOILER ROOM AND "P" FOR FIXTURES UNDER THE PLATFORM THAT NEEDS TO BE DEMOED.
- 4

DEMO EXISTING LIGHT SWITCHES THAT CONTROLS ALL THE FIXTURES IN THE AREA AND RE-USE WIRING FOR NEW SWITCH.
- 5

REMOVE AND RELOCATE (2) 30A 3P BREAKERS NAMED BLR-1 AND BLR-2 IN DP-1 TO ACCOMMODATE NEW 200A 3P BREAKER TO SERVE NEW 250A 3P PANEL HM-D.

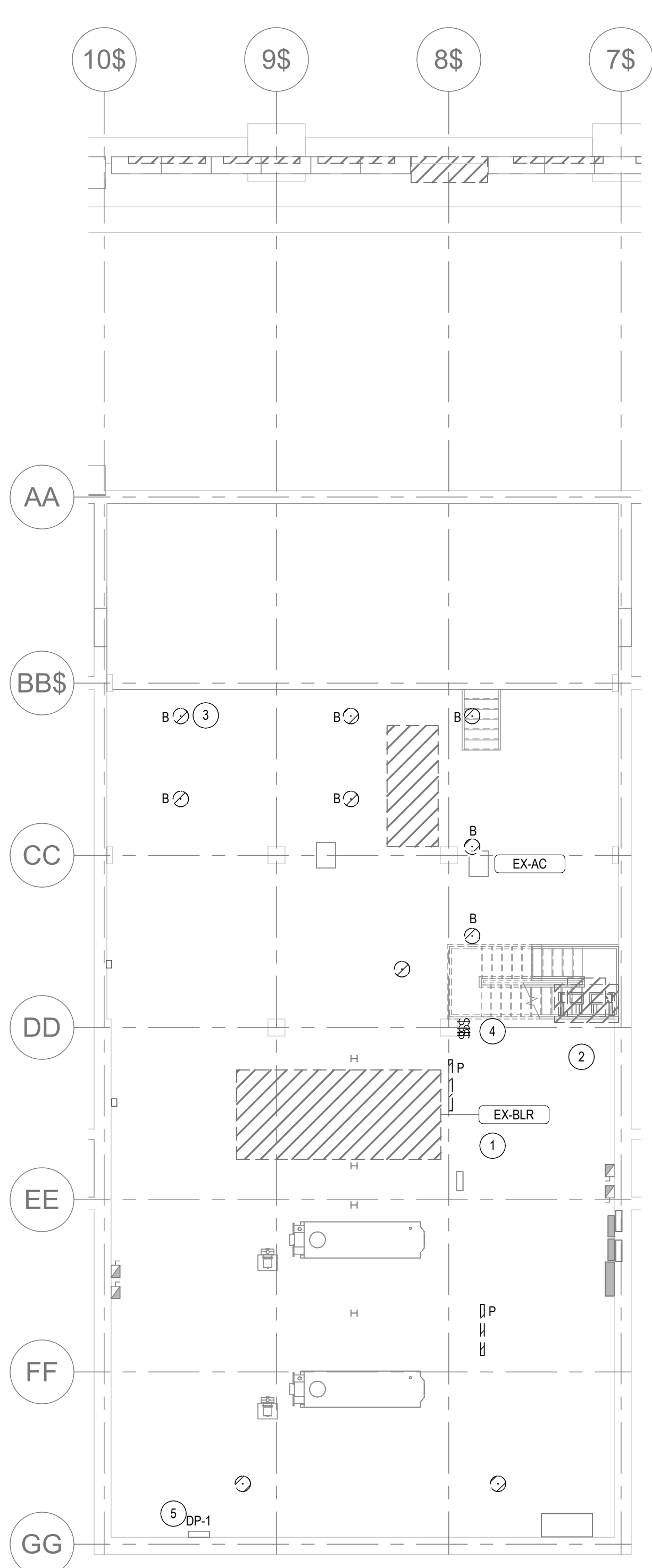
- ELECTRICAL LIGHTING KEYNOTES
- 1

EXTEND EXISTING LIGHTING BRANCH CIRCUIT IN THE AREA TO SERVE NEW LIGHTING FIXTURES. VERIFY EXISTING NEW PIPING AND FLUE ARRANGEMENT IN THE FIELD AND FIELD-ADJUST LIGHT FIXTURE LOCATIONS AS REQUIRED TO AVOID CONFLICTS. COORDINATE FINAL FIXTURE LOCATIONS WITH THE ARCHITECT PRIOR TO INSTALLATION.
- 2

USE S1 SWITCH BUT USE TWO POLE ON/OFF CONTROLS TO CONTROL AREAS A AND B. NO DIMMING CONTROLS NEEDED. PROVIDE PERMANENT LABELS AT SWITCHES TO CLEARLY IDENTIFY THE AREA SERVED. THIS SWITCH SHALL BE LABELED TO INDICATE THAT IT SERVES AREA A AND AREA B.

- ELECTRICAL POWER KEYNOTES
- 1

NEW 250A 480Y/120V NF PANELBOARD HM-D, PROVIDE NEW 200 3P BREAKER IN DP-1 TO SERVE NEW PANEL. USE MIN. 4#30, 1#6G & 2" C WIRING. SEE PANEL SCHEDULE FOR RELOCATED CIRCUITS/BREAKER.

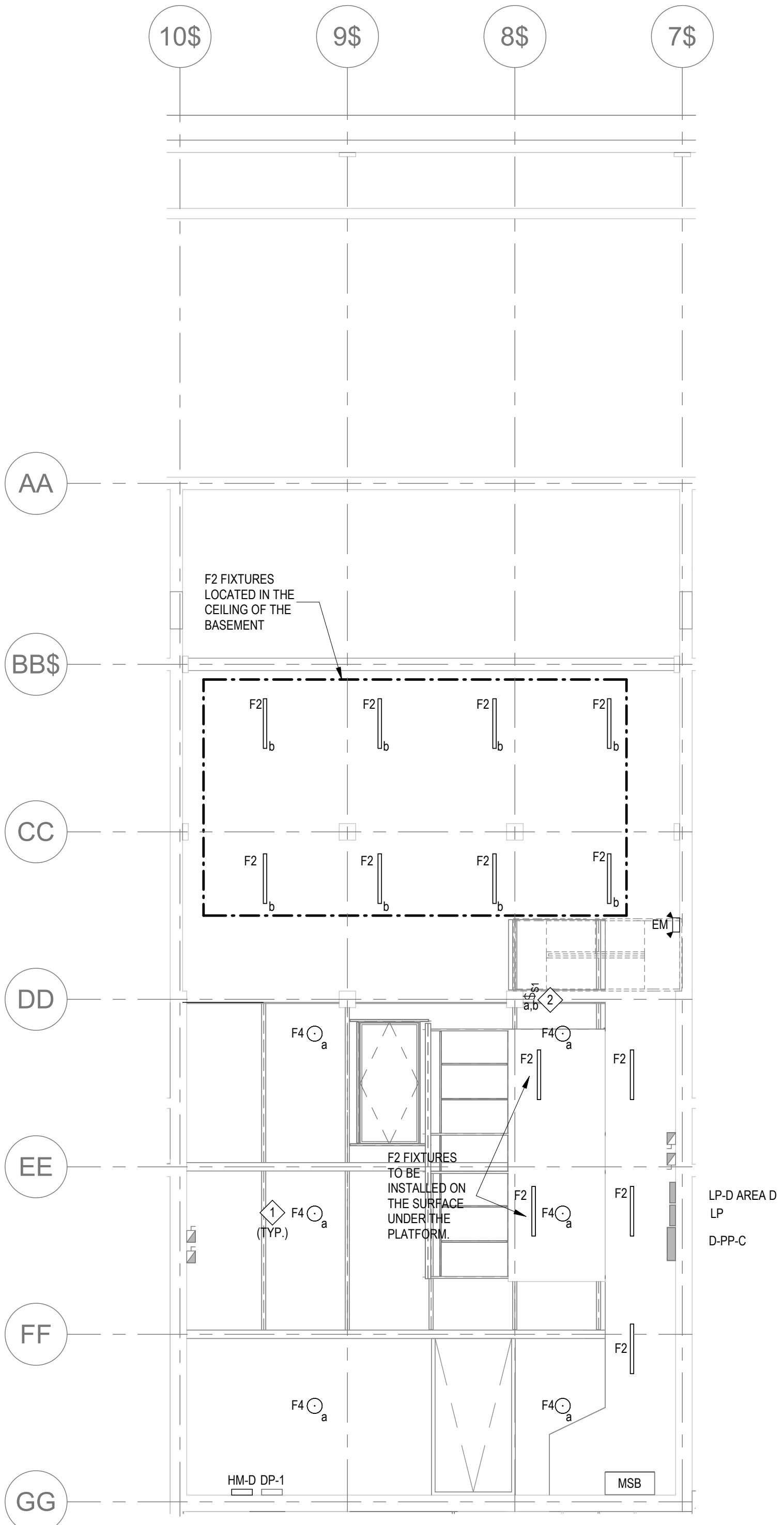


NORTH

2

AREA D - BOILER ROOM ELECTRICAL DEMOLITION PLAN

1/8" = 1'-0"

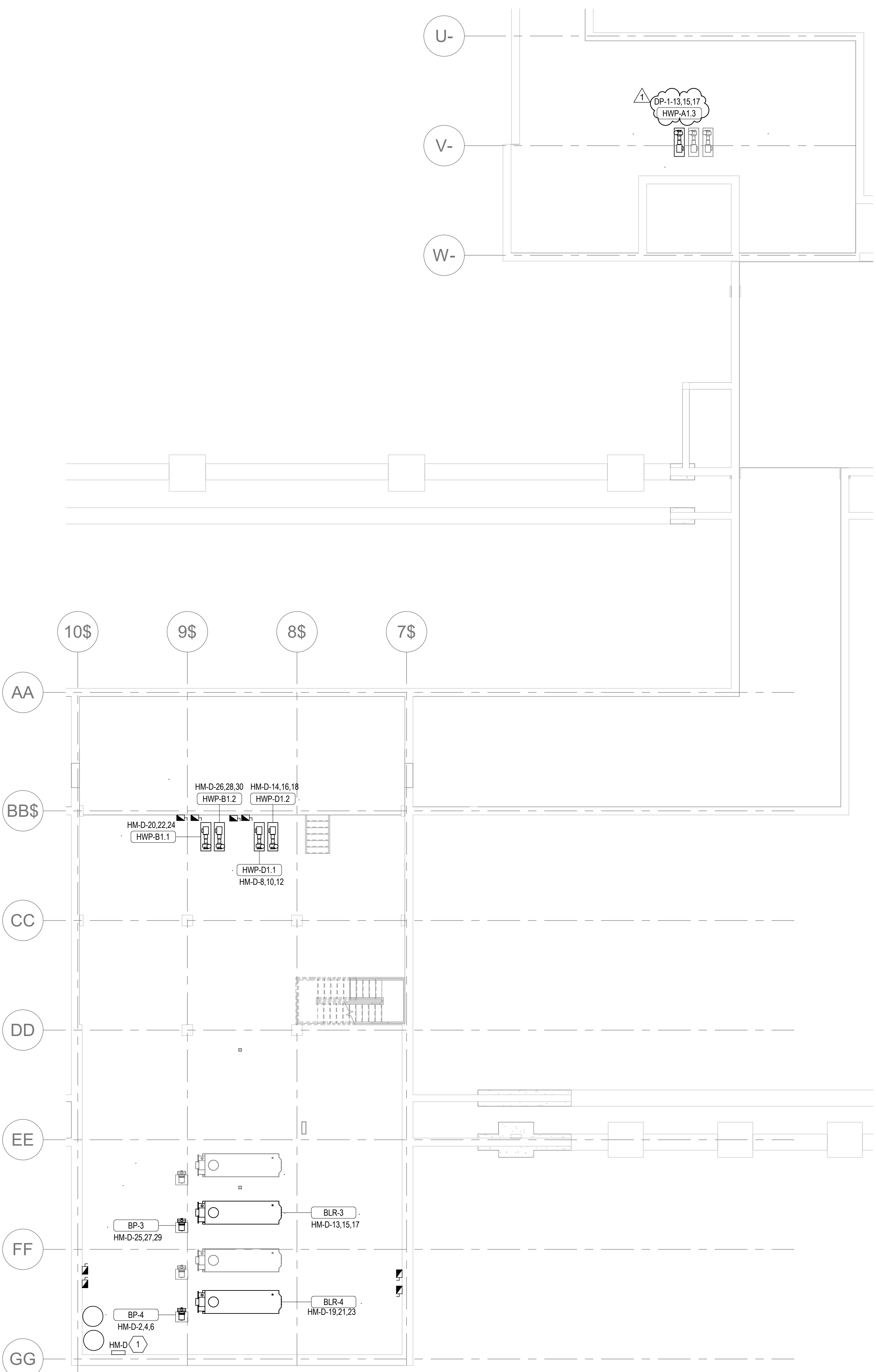


NORTH

3

AREA D - BOILER ROOM ELECTRICAL LIGHTING PLAN

1/8" = 1'-0"



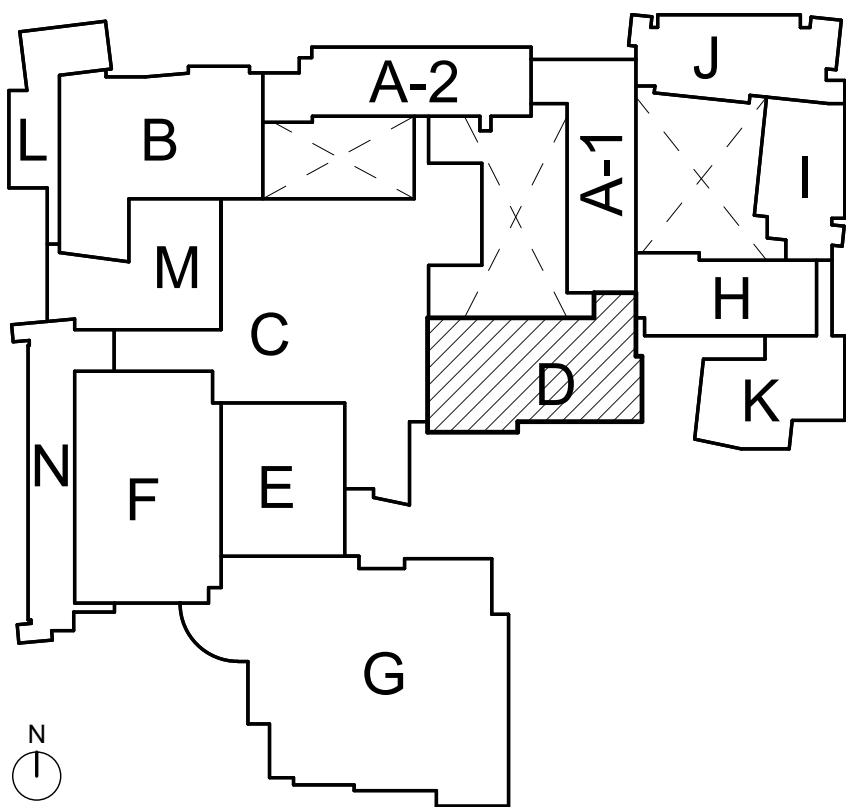
NORTH

1

AREA D - BOILER ROOM ELECTRICAL POWER PLAN

1/8" = 1'-0"

KEY PLAN



CORDOGAN CLARK

ARCHITECTURE • ENGINEERING • CONSTRUCTION

ARCHITECT:

CONSULTANTS:

EA

EAST AURORA SCHOOL DISTRICT #131
EASIS MECHANICAL IMPROVEMENTS
PHASE III
500 TOMCAT LN.
AURORA, IL 60506

NOT FOR
CONSTRUCTION

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CC JOB NUMBER

261012

DATE

10.01.2026

REVISIONS:

#	Description	Date
1	Addendum#1	10.07.2026

DRAWING TITLE:

BOILER ROOM
ELECTRICAL
POWER PLAN

D-E2.2

ISSUED FOR BID SET - 10.01.2026

10/7/2026 11:02:04 AM

EQUIPMENT CONNECTION SCHEDULE														
TAG	DESCRIPTION	MCA	VA	LOAD	HP	VOLTAGE	MOCP	DISCONNECT	STARTER	PHASE	FED FROM	CKT	CIRCUIT SIZE	NOTES
AHU-A2-LT	AIR HANDLING UNIT	143.0 A	4107 VA	0.00 hp	25.4	208 V	25 A	30A FUSIBLE DISCONNECT; PROVIDE FUSE BY NAMEPLATE	INTEGRAL VFD	3	LP-A2-N	4,5,8	3#10 & 1#10G, 3/4"	1
AHU-B-N	AIR HANDLING UNIT	51.3 A	3408 VA	0.00 hp	480 V	90 A	90 A	100A FUSIBLE DISCONNECT; PROVIDE FUSE BY NAMEPLATE	INTEGRAL VFD	3	B-PP-G	8,10,12	3#3 & 1#6G, 1/2"	1
AHU-B-S	AIR HANDLING UNIT	51.3 A	3408 VA	0.00 hp	480 V	90 A	90 A	100A FUSIBLE DISCONNECT; PROVIDE FUSE BY NAMEPLATE	INTEGRAL VFD	3	B-PP-G	13,15,17	3#3 & 1#6G, 1/2"	1
BC-9B5.1	BLOWER COIL	9.3 A	800 VA	0.00 hp	120 V	15 A	15 A	INTEGRATED	INTEGRAL T-STAT	1	LP-A2-N	7	2#12 & 1#12G, 3/4"	1
BLR-3	CONDENSING BOILER	28.0 A	1830 VA	0.00 hp	480 V	30 A	30 A	30A FUSIBLE DISCONNECT; PROVIDE FUSE BY NAMEPLATE	B.A.S.	3	HMD	13,15,17	3#10 & 1#10G, 3/4"	1,2
BLR-4	CONDENSING BOILER	28.0 A	1830 VA	0.00 hp	480 V	30 A	30 A	30A FUSIBLE DISCONNECT; PROVIDE FUSE BY NAMEPLATE	B.A.S.	3	HMD	19,21,23	3#10 & 1#10G, 3/4"	1,2
BP-3	PUMP	6.0 A	3991 VA	3.00 hp	480 V	15 A	15 A	30A FUSIBLE DISCONNECT; PROVIDE FUSE BY NAMEPLATE	OB CONTROLLER	3	HMD	25,27,29	3#12 & 1#12G, 3/4"	1,2
BP-4	PUMP	6.0 A	3991 VA	3.00 hp	480 V	15 A	15 A	30A FUSIBLE DISCONNECT; PROVIDE FUSE BY NAMEPLATE	OB CONTROLLER	3	HMD	2,4,6	3#12 & 1#12G, 3/4"	1,2
BP-5	PUMP	6.9 A	600 VA	0.00 hp	120 V	20 A	20 A	INTEGRATED	OB CONTROLLER	1	LP-A-AREA B	3	2#12 & 1#12G, 3/4"	1
CH-B-EAST	CHILLER	156.0 A	6000 VA	0.00 hp	480 V	200 A	200 A	200A FUSIBLE DISCONNECT; PROVIDE FUSE BY NAMEPLATE	INTEGRAL VFD	3	B-PP-G	2,4,6	3#30 & 1#6G, 2"	1
CH-B-WEST	CHILLER	156.0 A	6000 VA	0.00 hp	480 V	200 A	200 A	200A FUSIBLE DISCONNECT; PROVIDE FUSE BY NAMEPLATE	INTEGRAL VFD	3	B-PP-G	8,9,10	3#30 & 1#6G, 2"	1
CP-9B5.1	BLOWER COIL	0.8 A	70 VA	0.00 hp	120 V	20 A	20 A	INTEGRATED	INTEGRAL T-STAT	1	LP-A2-N	7	2#12 & 1#12G, 3/4"	1
CP-AHU-A2-LT	PUMP	5.5 A	528 VA	0.17 hp	120 V	15 A	15 A	INTEGRATED	OB CONTROLLER	1	LP-A2-N	2	2#12 & 1#12G, 3/4"	1
CP-AHU-B-LT	PUMP	6.8 A	1123 VA	0.50 hp	208 V	20 A	20 A	INTEGRATED	OB CONTROLLER	1	LP-F-8	25,27	2#12 & 1#12G, 3/4"	1
CP-AHU-B-S	PUMP	6.8 A	1123 VA	0.50 hp	208 V	20 A	20 A	INTEGRATED	OB CONTROLLER	1	LP-F-8	25,27	2#12 & 1#12G, 3/4"	1
CP-COAT	PUMP	5.5 A	528 VA	0.17 hp	120 V	20 A	20 A	INTEGRATED	OB CONTROLLER	1	LP-A-AREA B	1	2#12 & 1#12G, 3/4"	1
CP-DRES	PUMP	5.5 A	528 VA	0.17 hp	120 V	20 A	20 A	INTEGRATED	OB CONTROLLER	1	LP-A-AREA B	1	2#12 & 1#12G, 3/4"	1
CUH-201.2	CABINET UNIT HEATER	1.8 A	157 VA	0.00 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LP-A2-N	18	2#12 & 1#12G, 3/4"	1
CUH-215.1	CABINET UNIT HEATER	1.9 A	160 VA	0.00 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LP-A2-N	18	2#12 & 1#12G, 3/4"	1
CUH-A2-0.1	CABINET UNIT HEATER	1.9 A	160 VA	0.00 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LP-A2-N	1	2#12 & 1#12G, 3/4"	1
CUH-A2-0.2	CABINET UNIT HEATER	4.9 A	422 VA	0.00 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LP-A2-N	1	2#12 & 1#12G, 3/4"	1
CUH-A2-1	CABINET UNIT HEATER	2.1 A	183 VA	0.00 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LP-A2-N	16	2#12 & 1#12G, 3/4"	1
CUH-A2-2	CABINET UNIT HEATER	1.7 A	150 VA	0.00 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LP-A2-N	18	2#12 & 1#12G, 3/4"	1
CUH-A2-S1	CABINET UNIT HEATER	1.9 A	164 VA	0.00 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LP-A2-N	1	2#12 & 1#12G, 3/4"	1
CUH-A2-S2	CABINET UNIT HEATER	1.8 A	152 VA	0.00 hp	120 V	15 A	15 A	INTEGRATED	B.A.S.	1	LP-A2-N	16	2#12 & 1#12G, 3/4"	1
CUH-D-1.6	CABINET UNIT HEATER	1.8 A	152 VA	0.00 hp	120 V	15 A	15 A	INTEGRATED	B.A.S.	1	LP-B-AREA D	19	2#12 & 1#12G, 3/4"	1
CUH-D-1.8	CABINET UNIT HEATER	0.0 A	0 VA	0.00 hp	120 V	15 A	15 A	INTEGRATED	B.A.S.	1	LP-B-AREA D	19	2#12 & 1#12G, 3/4"	1
DS-BOL-0	DESTRIKIFICATION FAN	1.4 A	120 VA	0.00 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LPK2	25	2#12 & 1#12G, 3/4"	1
DS-BOL-1	DESTRIKIFICATION FAN	1.4 A	120 VA	0.00 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LPK2	25	2#12 & 1#12G, 3/4"	1
DS-BOL-3	DESTRIKIFICATION FAN	1.4 A	120 VA	0.00 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LPK2	25	2#12 & 1#12G, 3/4"	1
EF-139	EXHAUST FAN	4.3 A	408 VA	0.13 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LPK2	23	2#12 & 1#12G, 3/4"	1
EF-A2-2.01	EXHAUST FAN	5.8 A	1657 VA	1.00 hp	208 V	20 A	20 A	INTEGRATED	B.A.S.	3	LP-A2-N	10,12,14	3#12 & 1#12G, 3/4"	1
EF-A2-2.02	EXHAUST FAN	5.8 A	1657 VA	1.00 hp	208 V	20 A	20 A	INTEGRATED	B.A.S.	3	LP-A2-N	10,12,14	3#12 & 1#12G, 3/4"	1
EF-A2-2.03	EXHAUST FAN	4.3 A	408 VA	0.13 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LPK2	23	2#12 & 1#12G, 3/4"	1
EF-A2-2.04	EXHAUST FAN	5.8 A	1657 VA	1.00 hp	208 V	20 A	20 A	INTEGRATED	B.A.S.	3	LP-A2-N	10,12,14	3#12 & 1#12G, 3/4"	1
EF-A2-209.1	EXHAUST FAN	4.3 A	408 VA	0.13 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LP-A2-N	21	2#12 & 1#12G, 3/4"	1
EF-A2-ST-1	EXHAUST FAN	4.3 A	408 VA	0.13 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LP-A2-N	21	2#12 & 1#12G, 3/4"	1
EF-AUT0-1	EXHAUST FAN	13.3 A	3819 VA	3.00 hp	208 V	20 A	20 A	INTEGRATED	B.A.S.	3	LPK2	2,4,6	3#12 & 1#12G, 3/4"	1
EF-AUT0-2	EXHAUST FAN	1.3 A	120 VA	0.01 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LPK2	23	2#12 & 1#12G, 3/4"	1
EF-AUT0-3	EXHAUST FAN	4.3 A	408 VA	0.13 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LPK2	23	2#12 & 1#12G, 3/4"	1
EF-B-1.01	EXHAUST FAN	6.8 A	1123 VA	0.50 hp	208 V	15 A	15 A	INTEGRATED	B.A.S.	1	M-LP2	30,41	2#12 & 1#12G, 3/4"	1
EF-B-N	EXHAUST FAN	8.6 A	2486 VA	1.00 hp	208 V	15 A	15 A	INTEGRATED	B.A.S.	3	LP-F-8	28,30,32	3#12 & 1#12G, 3/4"	1
EF-BOL-1	EXHAUST FAN	4.3 A	408 VA	0.13 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LPK2	27	2#12 & 1#12G, 3/4"	1
EF-BOL-2	EXHAUST FAN	6.8 A	1123 VA	0.50 hp	208 V	15 A	15 A	INTEGRATED	B.A.S.	1	LPK2	17,19	2#12 & 1#12G, 3/4"	1
EF-BOL-3	EXHAUST FAN	4.3 A	408 VA	0.13 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LPK2	27	2#12 & 1#12G, 3/4"	1
EF-D-1.8	EXHAUST FAN	9.0 A	864 VA	0.33 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LPK2	25	2#12 & 1#12G, 3/4"	1
EF-WELD-1	EXHAUST FAN	20.9 A	6016 VA	5.00 hp	208 V	35 A	35 A	PRE-WIRED	B.A.S.	3	LPK2	12,14,16	3#8 & 1#10G, 3/4"	1
EF-WELD-2	EXHAUST FAN	13.3 A	3819 VA	3.00 hp	208 V	20 A	20 A	PRE-WIRED	B.A.S.	3	LPK2	18,20,22	3#12 & 1#12G, 3/4"	1
EF-WELD-3	EXHAUST FAN	20.9 A	6016 VA	5.00 hp	208 V	35 A	35 A	PRE-WIRED	B.A.S.	3	LPK2	24,26,28	3#8 & 1#10G, 3/4"	1
EF-WELD-4	EXHAUST FAN	4.3 A	408 VA	0.13 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LPK2	27	2#12 & 1#12G, 3/4"	1
FC-091.2	FAN COIL	4.2 A	402 VA	0.00 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LP-A2-N	5	2#12 & 1#12G, 3/4"	1
FC-092.2	FAN COIL	4.2 A	402 VA	0.00 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LP-A2-N	3	3#12 & 1#12G, 3/4"	1
FC-093	FAN COIL	4.2 A	402 VA	0.00 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LP-A2-N	3	3#12 & 1#12G, 3/4"	1
FC-094	FAN COIL	4.2 A	402 VA	0.00 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LP-A2-N	3	3#12 & 1#12G, 3/4"	1
FC-094.1	FAN COIL	2.4 A	240 VA	0.00 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LP-A2-N	7	2#12 & 1#12G, 3/4"	1
FC-094.1	FAN COIL	4.2 A	402 VA	0.00 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LP-A2-N	1	2#12 & 1#12G, 3/4"	1
FC-098	FAN COIL	4.2 A	402 VA	0.00 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LP-A2-N	7	2#12 & 1#12G, 3/4"	1
FC-141.5	FAN COIL	2.4 A	240 VA	0.00 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LP-A2-N	1	2#12 & 1#12G, 3/4"	1
FC-141.5	FAN COIL	2.4 A	240 VA	0.00 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LP-A2-N	1	2#12 & 1#12G, 3/4"	1
FC-141.5	FAN COIL	2.4 A	240 VA	0.00 hp	120 V	20 A	20 A	INTEGRATED	B.A.S.	1	LP-A2-N	1	2#12 & 1#12G, 3/4"	1
GLY-B	GLYCOL FEEDER	1.3 A	120 VA	0.00 hp	120 V	20 A	20 A	CORD & PLUG	B.A.S.	1	LP-A-AREA B	3	2#12 & 1#12G, 3/4"	1
HT-B-N	ELECTRIC UNIT HEATER	30.0 A	3700 VA	0.00 hp	208 V	35 A	35 A	INTEGRATED	INTEGRAL T-STAT	1	LP-F-8	36,38	2#8 & 1#10G, 3/4"	1
HWP-B-S	HEATING PUMP	13.6 A	3940 VA	1.50 hp	480 V	15 A	15 A	INTEGRATED	INTEGRAL T-STAT	1	LP-F-8	36,38	2#8 & 1#10G, 3/4"	1
HWP-B1-1	PUMP	9.5 A	6319 VA	5.00 hp	480 V	15 A	15 A	30A FUSIBLE DISCONNECT; PROVIDE FUSE BY NAMEPLATE	OB CONTROLLER	3	HMD	26,28,30	3#12 & 1#12G, 3/4"	1,2
HWP-B1-2	PUMP	4.3 A	2827 VA	2.00 hp	480 V	15 A	15 A	30A FUSIBLE DISCONNECT; PROVIDE FUSE BY NAMEPLATE	OB CONTROLLER	3	HMD	8,10,12	3#12 & 1#12G, 3/4"	1,2
HWP-D12	PUMP	4.3 A	2827 VA	2.00 hp	480 V	15 A	15 A	30A FUSIBLE DISCONNECT; PROVIDE FUSE BY NAMEPLATE	OB CONTROLLER	3	HMD	16,18,18	3#12 & 1#12G, 3/4"	1,2
IR-AUTO	GAS FIRED INFRARED HEATER	11.3 A	1080 VA	0.33 hp	120 V	15 A	15 A	INTEGRATED	INTEGRAL T-STAT	1	LPK2	13	2#12 & 1#12G, 3/4"	1
MAU-D-150	ROOFTOP UNIT	3.9 A	1117 VA	0.00 hp	208 V	15 A	15 A	PACKAGED	PACKAGED	3	LPK2	1,3,5	3#12 & 1#12G, 3/4"	1
MAU-WELD	ROOFTOP UNIT	23.0 A	6629 VA	0.00 hp	208 V	25 A	25 A	PACKAGED	PACKAGED	3			3#10 & 1#10G, 3/4"	1
P-RH1	PUMP	5.5 A	528 VA	0.17 hp	120 V	15 A	15 A	INTEGRATED	OB CONTROLLER	1	A4-LRP-22	1	2#12 & 1#12G, 3/4"	1
P-RHJ	PUMP	5.5 A	528 VA	0.17 hp	120 V	15 A	15 A	INTEGRATED	OB CONTROLLER	1	A3-LRP-22	1	2#12 & 1#12G, 3/4"	1
PTAC-090														

ARCHITECT:

CONSULTANTS:

EAST AURORA SCHOOL DISTRICT #131
EAS MECHANICAL IMPROVEMENTS
PHASE III
500 TONICAT LN.
AURORA, IL 60506NOT FOR
CONSTRUCTION

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CC JOB NUMBER 261012

DATE 10.01.2026

REVISIONS:
Description Date

1 Addendum#1 10.07.2026

DRAWING TITLE:

PANEL SCHEDULES

E4.3B

ISSUED FOR BID SET - 10.01.2026

Switchboard: NEW D-PP-D

Location: MAKER LAB 141

Supply From: MLSB2

Mounting: SURFACE

Enclosure: NEMA1

Mfr/Model:

Volts: 208Y/120

Phases: 3

Wires: 4

A.I.C. Rating:

Mains Type: MLO

Mains Rating: 600.0 A

Notes: "R" = RELOCATED CIRCUIT FROM PREVIOUSLY DEMOED PANELBOARD

LOAD CAT	CKT	Circuit Description	# of Poles	RATING	Load	REMARKS
	1	LPK	3	150.0 A	0 VA	R
	2	NEW LPK2	3	200.0 A	43974 VA	NEW BREAKER
	3	KILN	3	50.0 A	0 VA	R
	4	KILN	3	50.0 A	0 VA	R
	5	TUNNEL SUMP PUMP	3	15.0 A	0 VA	R
	6	TUNNEL SUMP PUMP	3	15.0 A	0 VA	R
	7	D-LPG, D-LP-F	3	150.0 A	0 VA	R
	8	D-PP-A (D-LP-A1)	3	200.0 A	0 VA	R
	9	ADJACENT PANELBOARD	3	100.0 A	0 VA	R
	10	RTU-D-141	3	60.0 A	12105 VA	NEW BREAKER
	11	RTU-D-143	3	60.0 A	12105 VA	NEW BREAKER
	12	D-PP-A(D-LP-A1)	3	200.0 A	0 VA	R
	13					
	14				68184 VA	
					189.3 A	

Circuit Breaker Legend(CBL):

LO - BREAKER LOCKED IN ON POSITION GF - GFCI PROTECTED CIRCUIT BREAKER ST - SHUNT TRIP BREAKER

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	55922 VA	100.00%	55922 VA	
HEAT	6592 VA	100.00%	6592 VA	
				Total Conn. Load: 68184 VA
				Total Est. Demand: 68184 VA
				Total Conn.: 189.3 A
				Total Est. Demand: 189.3 A

Panelboard: HM-D

Location: BOILER ROOM

Supply From: DP-1

Mounting: SURFACE

Enclosure: NEMA1

Mfr/Model:

Volts: 480Y/277

Phases: 3

Wires: 4

A.I.C. Rating: 10,000 AMPS SYMMETRICAL

Mains Type: MAIN CB

Mains: 400.0 A

Notes: RELOCATED CKT AND BREAKER FROM DP-1

NOTE	CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	NOTE		
R	3	BLR-1	30.0 A	3	0	1330				15.0 A BP-4	2			
	5						0	1330			4			
	7				0	942					6			
R	9	BLR-2	30.0 A	3		0	942			15.0 A HWP-D1.1	8			
	11						0	942			10			
	13				6097	942					12			
	15	BLR-3	30.0 A	3		6097	942			15.0 A HWP-D1.2	14			
	17							6097	942		16			
	19				6097	2106					18			
	21	BLR-4	30.0 A	3		6097	2106			15.0 A HWP-B1.1	20			
	23							6097	2106		22			
	25				1330	2106					24			
	27	BP-3	15.0 A	3		1330	2106			15.0 A HWP-B1.2	26			
	29							1330	2106		28			
	31	SPARE	20.0 A	1	0	3048				HWP-A1.3	30			
	33	SPARE	20.0 A	1		0	3048				32			
	35	SPARE	20.0 A	1				0	3048		34			
	37	SPARE	20.0 A	1	0	--					36			
	39	SPARE	20.0 A	1		0	--				38			
	41	SPARE	20.0 A	1			0	--		SPACE	40			
Total Load:					23999 VA	23999 VA	23999 VA						42	
Total Amps:					86.6 A	86.6 A	86.6 A							

Circuit Breaker Legend(CBL):

LO - BREAKER LOCK IN ON POSITION GF - GFCI PROTECTED CIRCUIT BREAKER

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
MTR	71998 VA	106.35%	76571 VA	
				Total Conn. Load: 71998 VA
				Total Est. Demand: 76571 VA
				Total Conn.: 86.6 A
				Total Est. Demand: 92.1 A

Panelboard: LP-F-B

Location:

Supply From:

Mounting: SURFACE

Enclosure: NEMA1

Mfr/Model:

Volts: 208Y/120

Phases: 3

Wires: 4

A.I.C. Rating: 10,000 AMPS SYMMETRICAL

Mains Type: MLO

Mains: 200.0 A

Notes: "R" = RELOCATED CIRCUIT FROM PREVIOUSLY DEMOED PANELBOARD

NOTE	CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	NOTE		
R	1	LTG FAN ROOM	20.0 A	1	0	0			20.0 A	LTG CATWALK NORTH	2			
R	3	LTG CATWALK SOUTH	20.0 A	1		0	0		20.0 A	LTG CATWALK	4	R		
R	5	RCPT CATWALK SOUTH	20.0 A	1				0	0	20.0 A	RCPT CATWALK NORTH	6	R	
R	7	LTG SOUTH FAN ROOM	20.0 A	1	0	0			20.0 A	EXSTNG CKT OR SPARE VIF	8	R		
R	9	EXSTNG CKT OR SPARE VIF	20.0 A	1		0	0		20.0 A	RCPT BALCONY RAIL	10	R		
R	11	LTG	20.0 A	1				0	0	20.0 A	RCPT BALCONY RAIL	12	R	
R	13	RCPT BACK BALCONY	20.0 A	1	0	0			20.0 A	RCPT	14	R		
R	15	RCPT	20.0 A	1		0	0		20.0 A	RCPT	16	R		
R	17	EXSTNG CKT OR SPARE VIF	20.0 A	1				0	0	20.0 A	EXSTNG CKT OR SPARE VIF	18	R	
	19				3038	0			20.0 A	IBM FEED	20	R		
	21	RF-B-S	50.0 A	3		3038	0				22			
	23							3038	0		24	R		
	25	CP-AHU-B-N & CP-AHU-B-S	20.0 A	2	1123	0				70.0 A	SUB PANEL	26		
	27					1123	829				28			
	29	UH-B-N & UH-B-S	20.0 A	1				1056	829	3	15.0 A	EF-B-N	30	
	31				3038	829						32		
	33	RF-B-N	50.0 A	3		3038	360		20.0 A	AHU RCPT	34			
	35							3038	1850	2	35.0 A	HT-B-N	36	
	37	HT-B-S	35.0 A	2	1850	1850						38		
	39					1850						40		
	41											42		
Total Load:					11728 VA	10238 VA	9811 VA							
Total Amps:					98.3 A	85.9 A	81.8 A							

Circuit Breaker Legend(CBL):

LO - BREAKER LOCK IN ON POSITION GF - GFCI PROTECTED CIRCUIT BREAKER

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	20715 VA	100.00%	20715 VA	
MTR	2246 VA	112.50%	2527 VA	Total Conn. Load: 31778 VA
RCPT	360 VA	100.00%	360 VA	Total Est. Demand: 32059 VA
HEAT	8456 VA	100.00%	8456 VA	Total Conn.: 88.2 A
				Total Est. Demand: 89.0 A

Panelboard: LPK2													
Location: AUTOSHOP 150					Volts: 208Y/120								
Supply From: NEW D-PP-D					Phases: 3								
Mounting: SURFACE					Wires: 4								
Enclosure: NEMA1					A.I.C. Rating: 10,000 AMPS SYMMETRICAL								
Mfr/Model:					Mains Type: MCB								
					Mains: 200.0 A								
Notes:													
NOTE	CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	NOTE	
	1				372	1273					2		
	3	MAU-D-150	15.0 A	3		372	1273				4		
	5						372	1273	3	20.0 A	EF-AUTO. 1	6	
	7				3362	2160					8		
	9	RTU-D-150	50.0 A	3		3362	2112		1	25.0 A	UH-WELD: 1,2	10	
	13	IR-AUTO	15.0 A	1	1080	2005		3362	2005	3	35.0 A	EF-WELD: 1	12
	15	UH-AUTO	15.0 A	1								14	
	16	EF-BOIL2	15.0 A	2				562	1273			16	
	21	UH-BOIL: 1,2	25.0 A	1	562	1273	2160	1273		3	20.0 A	EF-WELD 2	18
	23	EF-139, EF-AUTO 2,3	20.0 A	1				936	2005			20	
	25	EF-D-1.8 & DS-BOIL 1,2,3	20.0 A	1	1224	2005				3	35.0 A	EF-WELD 3	22
	27	EF-BOIL1,3, EF-WELD 4	20.0 A	1		1224	2005					24	
	29	SPARE	20.0 A	1			0	--	1	--	SPACE	26	
	31	SPARE	20.0 A	1	0	--			1	--	SPACE	28	
	33	SPARE	20.0 A	1		0	--		1	--	SPACE	30	
	35	SPARE	20.0 A	1				0	--	1	--	SPACE	32
	37	SPARE	20.0 A	1	0	--			1	--	SPACE	34	
	39	SPARE	20.0 A	1		0	--		1	--	SPACE	36	
	41	SPARE	20.0 A	1			0	--	1	--	SPACE	38	
	43	SPARE	20.0 A	1	0	--			1	--	SPACE	40	
	45	SPARE	20.0 A	1		0	--		1	--	SPACE	42	
	47	SPARE	20.0 A	1			0	--	1	--	SPACE	44	
	49	SPARE	20.0 A	1	0	--			1	--	SPACE	46	
	51	SPARE	20.0 A	1		0	--		1	--	SPACE	48	
	53	SPARE	20.0 A	1			0	--	1	--	SPACE	50	
Total Load:					15317 VA	16868 VA	11789 VA						
Total Amps:					132.2 A	145.1 A	98.2 A						
Circuit Breaker Legend(CBL):													
LO - BREAKER LOCK IN ON POSITION GF - GFCI PROTECTED CIRCUIT BREAKER													
Load Classification		Connected Load	Demand Factor	Estimated Demand	Panel Totals								
HVAC		35362 VA	100.00%	35362 VA	Total Conn. Load: 43974 VA								
HEAT		8592 VA	100.00%	8592 VA	Total Est. Demand: 43974 VA								
					Total Conn.: 122.1 A								
					Total Est. Demand: 122.1 A								