ADDENDUM NO. 05

July 31, 2026

High School Addition & Renovation
Jr. High Addition & Renovation
Intermediate School Controls Renovations
Primary School Controls Renovations
Softball Concessions
Ellettsville, IN 47429

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications and the Drawings dated July 3, 2026, by Lancer Associates Architecture. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 5-1 through ADD 5-2 and attached Lancer Associates Architecture Addendum No. 5 dated July 31, 2026, consisting of two (2) pages and 6 drawings.

A. SPECIFICATION SECTION 01 12 00 – MULTIPLE CONTRACT SUMMARY

1. Paragraph 3.03 Bid Categories

   L. Bid Category #12 – Plumbing and HVAC

   Delete Specification Section:

Section	21 05 23	General Duty Valves for Water-Based Fire Suppression Piping
Section	21 13 13	Wet Pipe Sprinkler System

Add the following Clarification

8. See Specifications Sections 21 05 23 and 21 13 13 for reference.

9. See Drawing Sheet A141R for location of existing gas lines. Note that new sloped roof insulation raises top of roof membrane significantly. Raise and/or replace gas lines as required to maintain gas service to the building at all times. Coordinate with Roofing Contractor, note that roof area to be replaced is Scheduled for Summer of 2027.

ADDENDUM NO. FIVE

PROJECT: **Richland-Bean Blossom CSC Additions and Renovations**

PROJECT NUMBER: **26102**

DATE OF ADDENDUM: **07-31-2026**

THIS ADDENDUM FORMS A PART OF THE CONTRACT DOCUMENTS AND IS ISSUED IN ACCORDANCE WITH THE INSTRUCTIONS TO BIDDERS. ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY SIGNING THE ADDENDUM ACKNOWLEDGMENT SECTION OF THE BID FORM.

GENERAL NOTIFICATIONS:

QUESTIONS & ANSWERS:

SPECIFICATIONS:

DRAWINGS:

SOFTBALL

JUNIOR HIGH

1. Drawing MP101A
    a. REVISED NOTE 10

2. Drawing M-602
    a. UPDATED EX. VFD SCHEDULE

HIGH SCHOOL

1. Drawing MP101A1
    a. REVISED NOTE 16
2. Drawing MP101D1
    a. ADDED PRIMARY UNITS 1 & 2
3. Drawing M-601
    a. UPDATED EX. VFD SCHEDULE

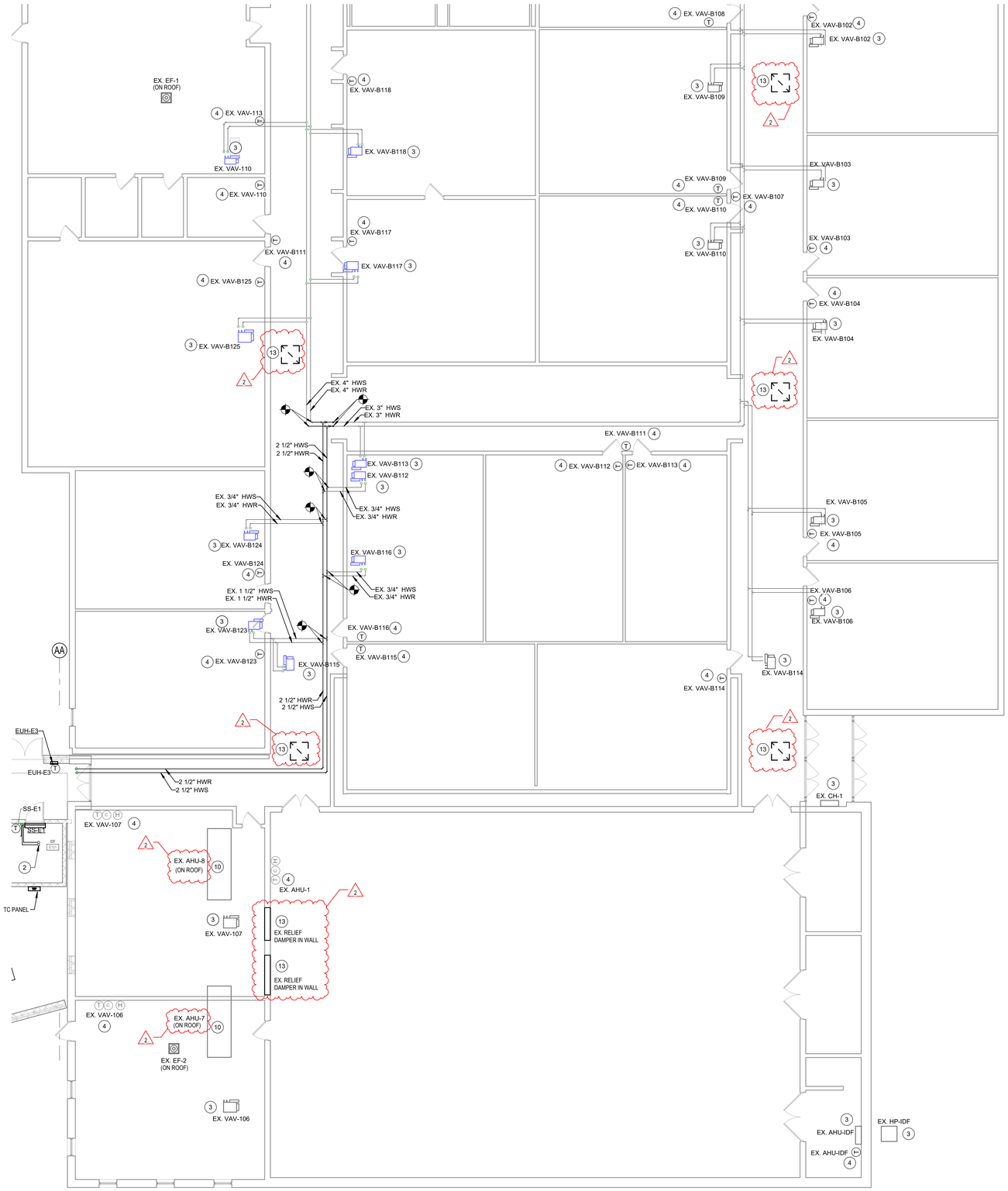
PRIMARY SCHOOL

INTERMEDIATE SCHOOL

1. Drawing M-602
    a. UPDATED EX. VFD SCHEDULE

Attachments:
Drawings:
Softball Concessions:
Jr High School:
MP101A, M602
High School:
MP101A1, MP101D1, M601
Primary School:
Intermediate School:
M602

END OF ADDENDUM NO. FIVE



1 MECHANICAL PIPING FIRST FLOOR PLAN - UNIT A
1/8" = 1'-0"

GENERAL PIPING NOTES

A DARK LINES INDICATE NEW WORK.

B LIGHT SOLID LINES INDICATE EXISTING MECHANICAL EQUIPMENT, DUCTWORK, PIPING, AND/OR MECHANICAL ACCESSORIES TO REMAIN AS-IS. CONTRACTOR TO FIELD VERIFY ACTUAL EXISTING CONDITIONS PRIOR TO BIDDING.

C PROVIDE SHUTOFF VALVES AT EVERY BRANCH CONNECTION TO A MAIN.

D NEW SHUTOFF VALVES SHALL BE INSTALLED FOR ALL NEW HYDRONIC EQUIPMENT.

E THROUGHOUT CONSTRUCTION, THE TCC MUST MAINTAIN A LOG OF DEFICIENCIES OR DISCREPANCIES IDENTIFIED WITH ANY TEMPERATURE CONTROL DEVICES OR HARDWARE THAT IS BEING RE-USED. THIS LOG OF DEFICIENCIES MUST BE PROVIDED TO THE OWNER AT THE COMPLETION OF CONSTRUCTION. THESE DEFICIENCIES MAY INCLUDE, BUT NOT BE LIMITED TO, ACTUATOR MALFUNCTIONS, BLEED THROUGH AT CONTROL VALVES, HYDRONIC LEAKS, DAMPER MALFUNCTIONS, SENSOR FAILURES, ETC.

MECHANICAL PIPING PLAN NOTES

1 DROP CONDENSATE TO NEAREST FLOOR DRAIN.

2 ROUTE REFRIGERANT PIPING UP TO CU-C1 ON ROOF. FOLLOW ALL MANUFACTURES ROUTING AND SIZING RECOMENDATIONS.

3 REMOVE EXISTING DDC CONTROLLER AND DAMPER ACTUATOR AT VAV TERMINAL UNIT. PROVIDE NEW DDC CONTROLLER AND DAMPER ACTUATOR IN EXISTING VAV TERMINAL UNIT CONTROL ENCLOSURE. EXISTING HEATING HOT WATER TEMPERATURE CONTROL VALVE REMAINS. PROVIDE NEW CONTROL COMMUNICATION WIRING AS REQUIRED BETWEEN CONTROLLER AND TEMPERATURE CONTROL VALVE. PMAINTAIN EXISTING SEQUENCE OF OPERATION. REFER TO TERMINAL UNITS - SEQUENCE OF OPERATION ON M-702.

4 REMOVE EXISTING SPACE TEMPERATURE SENSOR AND COMMUNICATION WIRING COMPLETE. PROVIDE NEW TEMPERATURE SENSOR AND COMMUNICATION WIRING TO NEW DDC CONTROLLER AT VAV TERMINAL UNIT BEING CONTROLLED.

5 TERMINATE CONDENSATE DRAIN ABOVE MOP BASIN.

6 REMOVE EXISTING CONTROL WIRE FROM EXHAUST FAN STARTER AND EXISTING CONTROLLER. REMOVE EXISTING CONTROLLER COMPLETE. EXISTING MOTOR STARTER REMAINS. PROVIDE NEW CONTROL WIRING FOR COMMUNICATION BETWEEN BMS AND EXHAUST FAN MOTOR STARTER. PROVIDE START/STOP OF EXHAUST FAN ON OWNER DEFINED SCHEDULE AND MONITOR STATUS AT OPERATOR WORK STATION. REFER TO EXISTING 'EXHAUST FAN - SEQUENCE OF OPERATION' ON DRAWING M-702.

7 REMOVE EXISTING AHU/RTU TEMPERATURE SENSOR AND COMMUNICATION WIRING COMPLETE. PROVIDE NEW TEMPERATURE SENSOR AND COMMUNICATION WIRING TO NEW AHU/RTU DDC CONTROLLER.

8 PROVIDE NEW CONTROLLER FOR SINGLE ZONE VAV AHU. PROVIDE NEW COMMUNICATION WIRING FROM NEW CONTROLLER TO EXISTING CONTROL VALVE ACTUATORS AND DAMPER ACTUATORS. MAINTAIN EXISTING SEQUENCE OF OPERATION. REFER TO SINGLE ZONE VAV SEQUENCE OF OPERATION ON M-702.

9 PROVIDE NEW CONTROLLER TO PROVIDE COMMUNICATION FROM PACKAGE RTU CONTROLLER AND DUCT REHEAT COIL CONTROL VALVE AND BUILDING AUTOMATION SYSTEM. PROVIDE NEW COMMUNICATION WIRING BETWEEN EXISTING RTU AND DUCT REHEAT COIL TO NEW CONTROLLER. MAINTAIN EXISTING SEQUENCE OF OPERATION. REFER TO RTU-1 SEQUENCE OF OPERATION ON SHEET M-701.

10 PROVIDE NEW CONTROLLER FOR MULTIPLE ZONE VAV AHU. PROVIDE NEW COMMUNICATION WIRING FROM NEW CONTROLLER TO EXISTING CONTROL VALVE ACTUATORS AND DAMPER ACTUATORS. MAINTAIN EXISTING SEQUENCE OF OPERATION. REFER TO 'VAV AIR HANDLING UNIT WITH REHEAT SEQUENCE OF OPERATION ON M-702. PROVIDE NEW VARIABLE FREQUENCY DRIVE FOR EACH FAN IN AHU. EXISTING VFD REMOVED BY DIV 26. VFD FURNISHED BY CC AND INSTALLED BY DIV 26.

11 INTEGRATE NEW CONTROLS FOR EXISTING LIGHTING CONTACTORS. SEE PHOTO THIS SHEET FOR EXISTING LIGHTING PANEL.

12 PROVIDE NEW CONTROL COMMUNICATIONS WIRING, DDC CONTROLLERS, AND SOFTWARE PROGRAMING FOR CENTRAL HEATING HOT WATER AND CENTRAL CHILLED WATER SYSTEMS. EXISTING CONTROLS DEVICES REMAIN, INCLUDING, BUT NOT LIMITED TO, VFDs AND TEMPERATURE CONTROL VALVES, AND SENSORS. DOCUMENT EXISTING SEQUENCES OF OPERATION PRIOR TO DEMOLITION. MAINTAIN EXISTING SEQUENCES OF OPERATION FOR CHILLED WATER AND HEATING WATER SYSTEMS.

13 PROVIDE NEW CONTROL WIRING TO EXISTING DAMPER ACTUATOR AT RELIEF DAMPER. MAINTAIN EXISTING SEQUENCE OF OPERATION OF RELIEF DAMPERS. REPLACE WIRING TO DPT AND CONTROLLER. FIELD VERIFY LOCATION OF DPT.

LANCER ASSOCIATES ARCHITECTURE
145 NORTH EAST STREET
INDIANAPOLIS, IN 46204

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851 W. EDGEWOOD DR., ELLETTSVILLE, IN 47429

GABRIEL S. CURRIER
REGISTERED
NO. PE10808972
STATE OF INDIANA
PROFESSIONAL ENGINEER

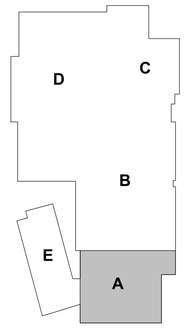
REVISIONS:

#	Date	Desc.
1	07-29-2026	ADDENDUM #4
2	07-30-2026	ADDENDUM #5

100% CONSTRUCTION DOCUMENTS

PROJECT:	#23117
DATE:	07-03-2026
DRAWN BY:	CSM

MECHANICAL PIPING FIRST FLOOR PLAN - UNIT A



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TRUE NORTH

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EXISTING AHU VFD SCHEDULE		
TAG	HP	VOLTAGE / PHASE
EX. AHU-1	25	480V / 3PH
EX. AHU-2	25	480V / 3PH
EX. AHU-3	10	480V / 3PH
EX. AHU-4	40	480V / 3PH
EX. AHU-5	20	480V / 3PH
EX. AHU-6	5	480V / 3PH
EX. PHU-1	10	480V / 3PH
EX. PHU-2	7.5	480V / 3PH
EX. AHU-7	7.5	480V / 3PH
EX. AHU-8	5	480V / 3PH

VAV BOX WITH HOT WATER REHEAT SCHEDULE - 23 36 00

IDENTITY DATA						
MARK	TYPE-INTERNAL-ERASE	MANUFACTURER	MODEL	INLET DIAMETER	FLOW (GPM)	EWT / LWT (°F)
VAV-100	VAV-4	EXISTING	EXIST.	10"	4.50	140 / 120
VAV-101	VAV-4	EXISTING	EXIST.	10"	4.50	140 / 120
VAV-102	VAV-4	EXISTING	EXIST.	10"	4.50	140 / 120
VAV-103	VAV-4	EXISTING	EXIST.	10"	4.50	140 / 120
VAV-104	VAV-4	EXISTING	EXIST.	10"	4.50	140 / 120
VAV-106	VAV-5	EXISTING	EXIST.	12"	6.00	140 / 120
VAV-107	VAV-5	EXISTING	EXIST.	12"	6.00	140 / 120
VAV-109	VAV-5	EXISTING	EXIST.	12"	6.00	140 / 120
VAV-110	VAV-2	EXISTING	EXIST.	6"	1.00	140 / 120
VAV-113	VAV-4	EXISTING	EXIST.	10"	4.50	140 / 120
VAV-114	VAV-4	EXISTING	EXIST.	10"	4.50	140 / 120
VAV-115	VAV-7	EXISTING	EXIST.	16"	10.00	140 / 120
VAV-115a	VAV-2	EXISTING	EXIST.	6"	1.00	140 / 120
VAV-116	VAV-4	EXISTING	EXIST.	10"	4.50	140 / 120
VAV-117	VAV-1	EXISTING	EXIST.	4"	1.25	140 / 120
VAV-118	VAV-1	EXISTING	EXIST.	4"	1.25	140 / 120
VAV-119	VAV-3	EXISTING	EXIST.	8"	2.25	140 / 120
VAV-A120	VAV-4	EXISTING	EXIST.	10"	4.50	140 / 120
VAV-A123	VAV-4	EXISTING	EXIST.	10"	4.50	140 / 120
VAV-A127	VAV-6	EXISTING	EXIST.	14"	8.00	140 / 120
VAV-A147	VAV-2	EXISTING	EXIST.	6"	1.00	140 / 120
VAV-A148	VAV-2	EXISTING	EXIST.	6"	1.00	140 / 120
VAV-A149	VAV-3	EXISTING	EXIST.	8"	2.25	140 / 120
VAV-A151	VAV-2	EXISTING	EXIST.	6"	1.00	140 / 120
VAV-A152	VAV-1	EXISTING	EXIST.	4"	1.25	140 / 120
VAV-A153	VAV-2	EXISTING	EXIST.	6"	1.00	140 / 120
VAV-A154	VAV-2	EXISTING	EXIST.	6"	1.00	140 / 120
VAV-A156	VAV-2	EXISTING	EXIST.	6"	1.00	140 / 120
VAV-A158	VAV-2	EXISTING	EXIST.	6"	1.00	140 / 120
VAV-A159	VAV-2	EXISTING	EXIST.	6"	1.00	140 / 120
VAV-A163	VAV-4	EXISTING	EXIST.	10"	4.50	140 / 120
VAV-A165	VAV-3	EXISTING	EXIST.	8"	2.25	140 / 120
VAV-A166	VAV-1	EXISTING	EXIST.	4"	1.25	140 / 120
VAV-A168	VAV-4	EXISTING	EXIST.	10"	4.50	140 / 120

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2	07-30-2026	ADDENDUM #5

100% CONSTRUCTION DOCUMENTS

PROJECT: #23117
DATE: 07-03-2026
DRAWN BY: Author

MECHANICAL SCHEDULES

M-602

PLOT DATE/TIME:7/30/2026 4:49:34 PM

GENERAL PIPING NOTES

A DARK LINES INDICATE NEW WORK.
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1 UNIT MOUNT THERMOSTAT TO UNIT HEATER. MOUNT BOTTOM OF UNIT HEATER 8'-0" A.F.F.
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3 1" CD UP.
4 ROUTE 1" CD TO FLOOR DRAIN.
5 ROUTE REFRIGERANT LINES UP TO CU-B3 ON ROOF.
6 1" CD DOWN.
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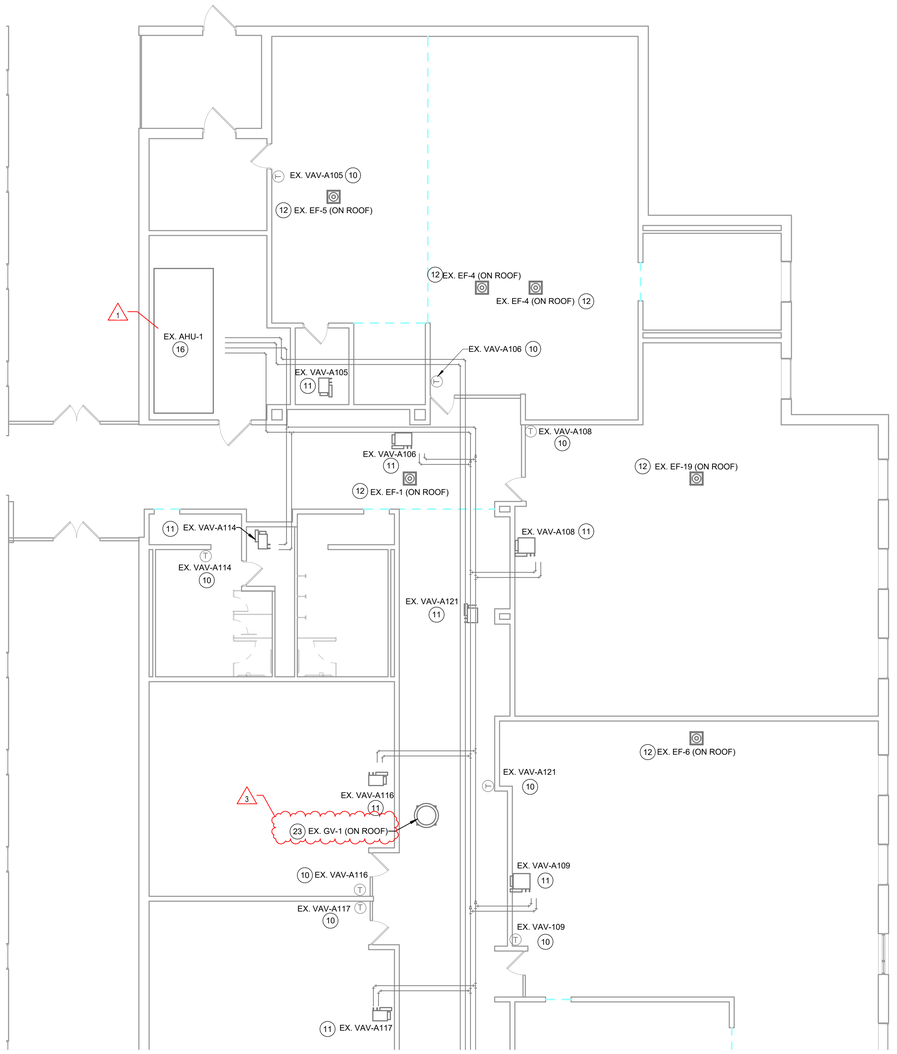

1 **MECHANICAL PIPING FIRST FLOOR PLAN - UNIT A1**
1/8" = 1'-0"

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REVISIONS:

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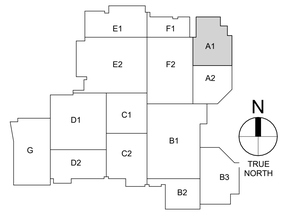
1	07-27-2026	ADDENDUM #3
2	07-29-2026	ADDENDUM #4
3	07-30-2026	ADDENDUM #5

100% CONSTRUCTION DOCUMENTS

PROJECT: #26102
DATE: 07-03-2026
DRAWN BY: CSM

MECHANICAL PIPING FIRST FLOOR PLAN - UNIT A1



MP101A1

PLOT DATE/TIME: 7/30/2026 4:55:19 PM

GENERAL PIPING NOTES

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MECHANICAL PIPING PLAN NOTES

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20 REMOVE EXISTING CUH TEMPERATURE SENSOR AND COMMUNICATION WIRING COMPLETE. PROVIDE NEW TEMPERATURE SENSOR AND COMMUNICATION WIRING TO NEW CUH DDC CONTROLLER.
21 INTEGRATE NEW CONTROLS FOR EXISTING LIGHTING CONTACTORS. SEE PHOTO THIS SHEET FOR EXISTING LIGHTING PANEL.
22 PROVIDE NEW CONTROL COMMUNICATIONS WIRING, DDC CONTROLLERS, AND SOFTWARE PROGRAMING FOR CENTRAL HEATING HOT WATER AND CENTRAL CHILLED WATER SYSTEMS. EXISTING CONTROLS DEVICES REMAIN, INCLUDING, BUT NOT LIMITED TO, VFDs AND TERMPERATURE CONTROL VALVES, AND SENSORS. DOCUMENT EXISTING SEQUENCES OF OPERATION PRIOR TO DEMOLITION. MAINTAIN EXISTING SEQUENCES OF OPERATION FOR CHILLED WATER AND HEATING WATER SYSTEMS.
23 PROVIDE NEW CONTROL WIRING TO EXISTING DAMPER ACTUATOR AT RELIEF DAMPER. MAINTAIN EXISTING SEQUENCE OF OPERATION OF RELIEF DAMPERS. REPLACE WIRING TO DPT AND CONTROLLER. FIELD VERIFY LOCATION OF DPT.

1 **MECHANICAL PIPING FIRST FLOOR PLAN - UNIT D1**
1/8" = 1'-0"

LANCER ASSOCIATES ARCHITECTURE
145 NORTH EAST STREET
INDIANAPOLIS, IN 46204

creative engineering solutions
mechanical • electrical • plumbing
602 N. Capitol Ave., Suite 200
Indianapolis, IN 46204 - 463-233-8765

RICHLAND-BEAN BLOSSOM CSC
ADDITION/RENOVATION TO EDGEWOOD HS
601 EDGEWOOD DR,
ELLETTSVILLE, IN 47429

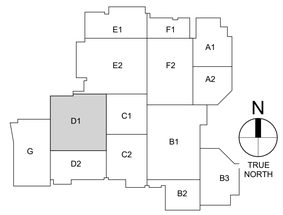
GABRIEL S. CURRIER
REGISTERED
NO. PE10808972
STATE OF INDIANA
PROFESSIONAL ENGINEER

REVISIONS:		
#	Date	Desc.
1	07-27-2026	ADDENDUM #3
2	07-29-2026	ADDENDUM #4
3	07-30-2026	ADDENDUM #5

100% CONSTRUCTION DOCUMENTS

PROJECT: #26102
DATE: 07-03-2026
DRAWN BY: CSM

MECHANICAL PIPING FIRST FLOOR PLAN - UNIT D1



MP101D1

PLOT DATE/TIME:7/30/2026 4:49:39 PM

AIR HANDLING UNIT SCHEDULE

IDENTITY DATA						MAX. DIMENSIONS			SUPPLY FAN											RETURN FAN										
													MOTOR			OCTAVE BAND										MOTOR			OCTAVE BAND							
MARK	MANUFACTURER	MODEL	LOCATION	AREA SERVED	WEIGHT (LBS)	L	W	H	AIRFLOW (CFM)	MIN. OA (CFM)	ESP (IN-WG)	RPM	QTY	HP EA.	BHP EA.	1	2	3	4	5	6	7	8	AIRFLOW (CFM)	ESP (IN-WG)	RPM	QTY	HP EA.	BHP EA.	1	2	3	4	5	6	7	8
RTU-B3A	LG	ARDR-312-40K	UNIT B3	BAND	6,977	203.6"	82"	98.8"	8,000	3,500	2.0	1,611	2	5.0	3.8	90.4	90.3	93.4	85.3	82.5	78.1	80.41	76	8,000	1.5	1,788	2	2.0	1.8	72.5	78.1	68.9	64.8	62	61	66.1	57
RTU-B3B	LG	ARDR-212-25K	UNIT B3	CHOIR	4,242	190.3"	98.3"	73.1"	5,500	2,200	2.0	1,789	2	7.5	4.5	89.2	88.4	95.9	83.2	80.2	74.4	73.7	71.3	5,500	1.5	1,372	1	3.0	2.7	92.4	79.3	71.4	64.5	57.2	56	52.5	56

AIR HANDLING UNIT SCHEDULE (CONTINUED)

	GAS-FIRED HEATING DATA					DX COOLING DATA					DX COOLING COIL DATA				ELECTRICAL DATA			
MARK	INPUT (BTUH)	OUTPUT (BTUH)	EAT / LAT (°F)	STAGES	TYPE	TOTAL CAP. (BTUH)	SENSIBLE CAP. (BTUH)	EAT (°F) DB / WB	LAT (°F) DB / WB	EER	ROWS	FPI	FACE AREA (SQFT)	APD (IN-WG)	VOLTS / PH / HZ	MCA (A)	MOCP (A)	NOTES
RTU-B3A	600,000	486,000	11.7 / 67.9	MOD	INDIRECT	474,800	264,000	83.2 / 70.4	50.6 / 50.5	10.0	6	12	33.8	0.3	460/3/60	106.0	125	1-3
RTU-B3B	300,000	243,000	16.7 / 57.6	MOD	INDIRECT	275,700	160,000	82.4 / 70.0	53.7 / 53.7	11.0	6	14	22.6	0.3	460/3/60	58.5	70	1-3

AIR HANDLING UNIT SCHEDULE NOTES:

1. OVERLOAD PROTECTED DISCONNECT BY MANUFACTURER. SINGLE POINT POWER. HIGH-FAULT 65 KA SCCR.
2. PROVIDE 18" ROOF CURB.
3. PROVIDE NON-POWERED 120V, 20A GFCI RECEPTACLE. WIRING FROM SOURCE TO RECEPTACLE BY DIV. 26.

VAV BOX WITH HOT WATER REHEAT SCHEDULE - 23 36 00

IDENTITY DATA				AIRFLOW DATA				NOISE DATA		REHEAT COIL DATA								
MARK	MANUFACTURER	MODEL	INLET DIAMETER	MAX. COOLING (CFM)	HEATING (CFM)	MIN. COOLING (CFM)	SPI (IN-WG)	MAX DISCH.	MAX RAD.	CAPACITY (BTUH)	EAT / LAT (°F)	APD (IN-WG)	FLOW (GPM)	EWT / LWT (°F)	WPD (FT-WG)	ROWS	VALVE TYPE	NOTES
VAV-100C.1	PRICE INDUSTRIES	SDV	8"	620	370	190	1.0	30	30	16,000	55 / 94.8	0.4	2.0	140 / 124	0.9	2	3-WAY	1-4
VAV-100C.2	PRICE INDUSTRIES	SDV	8"	520	315	160	1.0	30	30	1,400	55 / 95.7	0.3	1.5	140 / 121	0.5	2	2-WAY	1-4
VAV-102	PRICE INDUSTRIES	SDV	12"	1,400	840	420	1.0	30	30	36000	55 / 94.5	0.6	3.0	140 / 116	2.8	2	2-WAY	1-4
VAV-106.1	PRICE INDUSTRIES	SDV	16"	2,200	1320	660	1.0	30	30	57,600	55 / 95.2	0.4	6.0	140 / 120	4.5	2	3-WAY	1-4
VAV-106.2	PRICE INDUSTRIES	SDV	16"	2,200	1320	660	1.0	30	30	57,600	55 / 95.2	0.4	6.0	140 / 120	4.5	2	3-WAY	1-4
VAV-106B	PRICE INDUSTRIES	SDV	6"	325	195	100	1.0	30	30	9,100	55 / 97.8	0.2	1.0	140 / 120	0.2	2	2-WAY	1-4
VAV-106E	PRICE INDUSTRIES	SDV	6"	300	180	90	1.0	30	30	8,700	55 / 98.4	0.1	1.0	140 / 120	0.2	2	2-WAY	1-4
VAV-106I	PRICE INDUSTRIES	SDV	10"	905	545	275	1.0	30	30	25,700	55 / 97.3	0.5	2.5	140 / 120	1.8	2	2-WAY	1-4
VAV-106J	PRICE INDUSTRIES	SDV	10"	1,100	550	330	1.0	30	30	25,000	55 / 96.9	0.5	3.0	140 / 120	-	2	2-WAY	1-4
VAV-108	PRICE INDUSTRIES	SDV	6"	445	270	135	1.0	30	30	11,700	55 / 94.8	0.3	1.5	140 / 124	0.4	2	2-WAY	1-4
VAV-110.1	PRICE INDUSTRIES	SDV	10"	1,100	550	330	1.0	30	30	25,000	55 / 96.9	0.5	3.0	140 / 120	-	2	2-WAY	1-4
VAV-110.2	PRICE INDUSTRIES	SDV	10"	1,100	550	330	1.0	30	30	25,000	55 / 96.9	0.5	3.0	140 / 120	-	2	2-WAY	1-4
VAV-100B	PRICE INDUSTRIES	SDV	8"	625	375	190	1.0	30	30	16,700	55 / 95.9	0.4	2.5	140 / 126	1.3	2	2-WAY	1-4
VAV-101	PRICE INDUSTRIES	SDV	10"	1,000	600	300	1.0	30	30	26,700	55 / 96	0.6	2.5	140 / 118	1.6	2	2-WAY	1-4
VAV-103	PRICE INDUSTRIES	SDV	12"	1,400	840	420	1.0	30	30	37,400	55 / 96	0.6	3.5	140 / 118	3.7	2	2-WAY	1-4
VAV-103F	PRICE INDUSTRIES	SDV	8"	520	315	155	1.0	30	30	14,000	55 / 95.7	0.3	1.5	140 / 121	0.5	2	2-WAY	1-4
VAV-105	PRICE INDUSTRIES	SDV	10"	1,000	600	300	1.0	30	30	26,700	55 / 96	0.6	2.5	140 / 118	1.6	2	2-WAY	1-4
VAV-107	PRICE INDUSTRIES	SDV	10"	1,000	600	300	1.0	30	30	26,700	55 / 96	0.6	2.5	140 / 118	1.6	2	2-WAY	1-4
VAV-109	PRICE INDUSTRIES	SDV	10"	1,200	720	360	1.0	30	30	31,300	55 / 95	0.4	3.5	140 / 122	3.7	2	3-WAY	1-4
VAV-110E	PRICE INDUSTRIES	SDV	6"	400	230	120	1.0	30	30	10,000	55 / 95.1	0.3	1.5	140 / 122	0.4	2	2-WAY	1-4

VAV BOX WITH HOT WATER REHEAT SCHEDULE NOTES:

1. COORDINATE LOCATION OF BOX A BOVE CEILING WITH LIGHT FIXTURES, FIRE PROTECTION, HEATING AND COOLING SYSTEM PIPING, PLUMBING SYSTEMS, CONDUITS, AND CABLE TRAYS.
2. SEE M-700 SERIES DRAWINGS FOR TEMPERATURE CONTROLS INFORMATION.
3. INSULATED BOTTOM ACCESS DOOR UPSTREAM OF COIL WITH 1/4 TURN LATCH FASTENERS.
4. MINIMUM 1" ELASTOMERIC LINER.

SPLIT SYSTEM SCHEDULE - 23 81 26

INDOOR UNIT													OUTDOOR UNIT												
IDENTITY DATA				WEIGHT (LBS)	DIMENSIONS			COOLING CAPACITY		CAPACITY (BTUH)	AIRFLOW DATA			ESP (IN-WG)	IDENTITY DATA			WEIGHT (LBS)	COOLING DATA		HEATING DATA				REF. TYPE	ELECTRICAL DATA			NOTES
MARK	MANUFACTURER	MODEL	SERVES		L	W	H	TOTAL (BTUH)	SENSIBLE (BTUH)		MIN (CFM)	MAX (CFM)	DESIGN (CFM)		MARK	MODEL	SERVICE		NOMINAL (BTUH)	AMBIENT (°F)	CAPACITY (BTUH)	AMBIENT (°F)	EER	SEER		VOLT/PHZ/HZ	MCA (A)	MOCP (A)	
SS-B3	LG	KNSAL121A	IT ROOM	25	9.25"	35.25"	12.25"	14,100	12,000	12,000	219	494	318	0.00	CU-B3	KUSAL121A	SS-B3	99	12,000.0	95	14,000.0	-3	13.8	25.5	R32	208/1/60	15.0	20.0	1-4

SPLIT SYSTEMS UNIT SCHEDULE NOTES:

1. DISCONNECT BY DIVISION 26.
2. INDOOR UNIT POWERED BY OUTDOOR UNIT.
3. PROVIDE BACNET CARD.
4. PROVIDE CONDENSATE PUMP.

EXHAUST FAN SCHEDULE - 23 34 23

IDENTITY DATA					FAN DATA						SOUND CRITERIA			ELECTRICAL DATA	
MARK	MANUFACTURER	MODEL	SERVICES	WEIGHT (LBS)	FAN TYPE	DRIVE TYPE	AIRFLOW (CFM)	ESP (IN-WG)	RPM	HP/BHP	SONES	DBA	UNIT CONTROL	VOLT/PH/HZ	NOTES
EF-B2A	GREENHECK	G-140-VG	UNIT B2 LAB	85	DOWNBLAST CENTIFUGAL	DIRECT	1200	0.50	822	0.25 / 0.11	6.4	52	TOGGLE	120/60/1	1-2
EF-B3A	GREENHECK	G-090-VG	UNIT B3 RR	55	DOWNBLAST CENTIFUGAL	DIRECT	385	0.20	1107	0.1 / 0.03	4.3	46	BMS	120/60/1	1-2

EXHAUST FAN SCHEDULE NOTES:

1. DISCONNECT BY MANUFACTURER.
2. FAN SPEED CONTROLLER FOR BALANCING.

ELECTRIC UNIT HEATER SCHEDULE - 23 82 39.16

IDENTITY DATA					HEATING DATA		ELECTRICAL DATA		
MARK	MANUFACTURER	MODEL	WEIGHT (LBS)	DIMENSIONS HxWxD (IN)	CAPACITY (KW)	# STAGE	VOLTS / PH / HZ	FLA	NOTES
PUH-B2	QMARK	MUH05	27	16 x 14 x 7.5	5.0	1	208/3/60	24.0	1-4
EUH-B3A	QMARK	FRC48203F	25	19-5/16 X 15-3/4" X 3"	4.8	1	208/3/60	13.3	5-6
EUH-B3B	QMARK	FRC48203F	25	19-5/16 X 15-3/4" X 3"	4.8	1	208/3/60	13.3	5-6

ELECTRIC PROP UNIT HEATER SCHEDULE NOTES:

1. DISCONNECT BY MANUFACTURER.
2. SUMMER FAN SWITCH
3. PROVIDE UNIT MOUNTED LINE VOLTAGE THERMOSTAT.
4. PROVIDE DUST SHIELD AND WALL MOUNT BRACKET.
5. BUILT-IN TAMPER RESISTANT THERMOSTAT
6. TIME DELAY RELAY. PROVIDE 120V/60Hz/1PH SEPARATE CIRCUIT BY EC.

233713 DIFFUSERS, REGISTERS, AND GRILLES

IDENTITY DATA				NECK SIZE (IN)	MODULE SIZE		
MARK	DESCRIPTION	MANUFACTURER	MODEL	Ø	W	L	NOTES
EC24/12	EGG CRATE FACE RETURN	PRICE	80		24"	12"	
EC24/24	EGG CRATE FACE RETURN	PRICE	80		24"	24"	
EG18/16	LOUVER FACE GRILLE EXHAUST	PRICE	630		16"	18"	
LS48-8-4S	LINEAR SLOT DIFFUSER	PRICE	SDS-4 Slot	8"		48"	SDB PLENUM
RG42/8	LOUVER FACE RETURN GRILLE	PRICE	530		42"	8"	OPPOSED BLADE DAMPER
SD24-6	SQUARE CONE DIFFUSER	PRICE	ASCDA	6"	24"	24"	
SD24-8	SQUARE CONE DIFFUSER	PRICE	ASCDA	8"	24"	24"	

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PUMP SCHEDULE - 23 21 23

IDENTITY DATA									FLUID DATA					MOTOR DATA			ELECTRICAL DATA	
MARK	MANUFACTURER	SERIES	MODEL	FRAME	IMPELLER SIZE (IN)	SYSTEM SERVED	WEIGHT (LBS)	TYPE	FLUID TYPE	FLOW (GPM)	HEAD (FT-WG)	TEMP (°F)	EFF (%)	SPEED (RPM)	HP	BHP	VOLTS / PH / HZ	NOTES
CP-AHU1	BELL & GOSSETT	e80	1.5x1.5x7C	145JM	7"	AHU-1	170	CLOSED COUPLED IN-LINE CENTRIFUGAL	WATER	31	40.0	140	54.3	1,800	1.5	0.6	480 / 3 / 60	1-2

PUMP SCHEDULE NOTES:

1. PROVIDE WITH ACCESSORIES SHOWN DETAILS.
2. COMBINATION MAGNETIC STARTER WITH HOA BY EC.

EXISTING AHU VFD SCHEDULE

TAG	HP	VOLTAGE / PHASE
EX. AHU-1	20	480V / 3PH
EX. AHU-1A	20	480V / 3PH
EX. AHU-1B	20	480V / 3PH
EX. AHU-5A	40	480V / 3PH
EX. AHU-5B	40	480V / 3PH
EX. AHU-6	50	480V / 3PH
EX. AHU-7	25	480V / 3PH
EX. CAFE-1	15	480V / 3PH
EX. PHU-1	15	480V / 3PH
EX. PRIMARY 1	25	480V / 3PH
EX. PRIMARY 2	25	480V / 3PH

FIELD VERIFY VFD QTY AND HP PRIOR TO PURCHASE.

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145 NORTH EAST STREET
INDIANAPOLIS, IN 46204

creative engineering solutions
mechanical • electrical • plumbing
602 N. Capitol Ave., Suite 200
Indianapolis, IN 46204 - 463-233-8799

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601 EDGEWOOD DR,
ELLETTSVILLE, IN 47429

GABRIEL S. CIRCLER
REGISTERED
NO. PE10808972
STATE OF INDIANA
PROFESSIONAL ENGINEER

REVISIONS:

#	Date	Desc.
1	07-17-2026	ADDENDUM #1
2	07-29-2026	ADDENDUM #4
3	07-30-2026	ADDENDUM #5

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PROJECT:	#26102
DATE:	07-03-2026
DRAWN BY:	CSM

MECHANICAL SCHEDULES

M-601

PLOT DATE/TIME: 7/30/2026 4:49:21 PM

ROOFTOP AIR HANDLING UNIT SCHEDULE - 23 74 XX

IDENTITY DATA				SUPPLY FAN			GAS HEATING DATA		ELECTRICAL DATA	
MARK	MANUFACTURER	MODEL	LOCATION	AIRFLOW (CFM)	MIN. OA (CFM)	ESP (IN-WG)	INPUT (BTUH)	OUTPUT (BTUH)	VOLTS / PH / HZ	MCA (A)
RTU-J1	BRYANT	581BEV150220	UNIT J	4,300	500	3/4	180000 / 224000	147000 / 183000	460 / 3 / 60	35.2

AHU SCHEDULE (CONTINUED)

	COOLING COIL DATA								REHEAT COIL DATA						
MARK	TOTAL CAP. (BTUH)	FLOW (GPM)	EAT (°F) DB/WB	LAT (°F) DB	EWT/LWT (°F)	WPD (FT-WG)	APD (IN-WG)	FLUID TYPE	CAPACITY (BTUH)	FLOW (GPM)	EAT / LAT (°F)	EWT/LWT (°F)	WPD (FT-WG)	APD (IN-WG)	FLUID TYPE
AHU-F1	635,000	105	79 / 67	55.0	140 / 120	11.2	0.65	30% PG	710,000	70	50 / 90	44 / 56	9	0.22	WATER
AHU-G1	551,000	94	79 / 67	55.0	141 / 120	10	0.68	30% PG	607,000	60	50 / 90	44 / 56	12	0.39	WATER
AHU-HA	551,000	94	79 / 67	55.0	142 / 120	10	0.68	30% PG	607,000	60	50 / 90	44 / 56	12	0.39	WATER
AHU-J1	370,000	62	79 / 67	55.0	143 / 120	7.7	0.60	30% PG	415,000	40	50 / 90	44 / 56	6.4	0.21	WATER
AHU-J2	538,000	90	78 / 66	55.0	144 / 120	10	0.55	30% PG	852,000	82	50 / 100	44 / 56	16	0.22	WATER
AHU-K1	635,000	105	79 / 67	55.0	145 / 120	11.2	0.65	30% PG	710,000	70	50 / 90	44 / 56	9	0.22	WATER

AHU SCHEDULE

IDENTITY DATA				SUPPLY FAN DATA					SUPPLY FAN ELECTRICAL DATA
							MOTOR		
MARK	MANUFACTURER	MODEL	AREA SERVED	AIRFLOW (CFM)	MIN. OA (CFM)	ESP (IN-WG)	QTY	HP EA.	VOLTS / PH / HZ
AHU-F1	MCQUAY	CAH035	UNIT F	16000	5600	3.5	1	25	460/3/60
AHU-G1	MCQUAY	CAH030	UNIT G	14000	4500	3.25	1	25	460/3/60
AHU-H1	MCQUAY	CAH030	UNIT H	14000	4500	3.25	1	25	460/3/60
AHU-J1	MCQUAY	CAH021	UNIT J	9500	1000	3.5	1	15	460/3/60
AHU-J2	MCQUAY	CAH035	UNIT J	15000	1500	1	1	15	460/3/60
AHU-K1	MCQUAY	CAH035	UNIT K	16000	5600	3.5	1	25	460/3/60

HYDRONIC PROP UNIT HEATER SCHEDULE - 23 82 39.16

IDENTITY DATA			HEATING DATA			FAN DATA	ELECTRICAL DATA	
MARK	MANUFACTURER	MODEL	CAPACITY (BTUH)	EWT / LWT (°F)	FLOW (GPM)	AIRFLOW (CFM)	VOLTS / PH / HZ	MCA (A)
UH-1	REZNOR	12ER8	2,800	140 / 120	1.0	320	120 / 1 / 60	0.7
UH-3	REZNOR	88ER14	48,000	140 / 120	6.0	1,500	120 / 1 / 60	3.0
UH-4	REZNOR	88ER14	48,000	140 / 120	6.0	1,500	120 / 1 / 60	3.0
CH-1	INTERNATIONAL	CBY-03	18,900	140 / 120	2.0	300	120 / 1 / 60	0.5
CH-2	INTERNATIONAL	CBY-03	22,100	140 / 120	2.5	500	120 / 1 / 60	1.3

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EXISTING RELIEF FAN SCHEDULE

IDENTITY DATA									ELECTRICAL DATA	
MARK	MANUFACTURER	MODEL	DRIVE TYPE	AIRFLOW (CFM)	ESP (IN-WG)	RPM	HP	UNIT CONTROL	VOLT/PH/HZ	NOTES
RF-F1	GREENHECK	QEI-27	BELT	14000	1.00	1059	5.00	BMS	460/3/60	-
RF-G1	GREENHECK	QEI-27	BELT	14000	1.00	1059	5.00	BMS	460/3/60	-
RF-H1	GREENHECK	QEI-27	BELT	14000	1.00	1059	5.00	BMS	460/3/60	-
RF-K1	GREENHECK	QEI-27	BELT	14000	1.00	1059	5.00	BMS	460/3/60	-

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LANCER ASSOCIATES ARCHITECTURE
427 S. COLLEGE AVE. SUITE 130
INDIANAPOLIS, IN 46203

creative engineering solutions
mechanical • electrical • plumbing
602 N. Capitol Ave, Suite 200
Indianapolis, IN 46204 - 463-233-8765

RICHLAND-BEAN BLOSSOM EDGEWOOD
INTERMEDIATE SCHOOL RENOVATIONS
7600 W REEVES RD,
BLOOMINGTON, IN 47404

GABRIEL S. CURRIER
REGISTERED
NO.
PE10808972
STATE OF
INDIANA
PROFESSIONAL ENGINEER

REVISIONS:

#	Date	Desc.
1	07-27-202	ADDENDUM #3
2	07-30-202 6	ADDENDUM #5

100% CONSTRUCTION DOCUMENTS

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DATE: 07-03-2026
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MECHANICAL SCHEDULES

M-602

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