ATP ENGINEERING

20251316 – BL313 – EIGENMANN HALL – Add Heat Exchanger to Chilled Water Loop
Addendum 2

July 14, 2026

General Notifications

Modifications described herein shall be incorporated into the project documents. All other work described in the project documents shall remain unchanged.

Acknowledge receipt of this Addendum by noting it on the Bid Form. Failure to do so may subject bidder to disqualification. This Addendum is a part of the contract documents.

Pre-Bid Meeting Minutes

The attached meeting minutes are a summary of the three pre-bid meetings held on the project.

Pre-Bid Sign-In Sheet. Attendance at a minimum of one of the pre-bid meetings is required for prime bidders.

Bidding Questions and Answers

The below questions have been submitted either electronically or asked during the pre-bid walkthrough.

Question 1: On sheet M103, Plan Note 1 implies that the chilled water piping is to be removed back to the isolation valves which are in the mechanical penthouse. Please clarify.

Answer 1: Refer to the revised sheet M103 included in this addendum. The piping that is located within the mechanical room and the exterior horizontal pipe chase shall remain. The hydronic specialties and control valve shall be replaced.

Question 2: Please define the expectation for the time period and duration the existing air handling units are allowed to be inactive to allow for the alternate bid coil replacements to be performed.

Answer 2: ERU-1 and ERU-2 coils are dedicated cooling coils and these coils can be inactive during the periods when chilled water is inactive. Since these units serve the occupied student rooms, the fans and ventilation shall remain active for the duration of the project, with the exception of the University's scheduled winter break. During winter break, the unit fans are allowed to be off for a maximum of 4 hours per day. When the supply fans are off, the exhaust fans shall be off. Coordinate with IU construction manager and facility operations.

AHU-1, AHU-2, AHU-3 and AHU-7 serve common spaces and the coils are dedicated cooling only coils. These coils can be inactive during the periods when chilled water is inactive. These units may be shut down to perform the work for three-day increments starting on Friday of a given week and active again on Monday of the following week provided that time is scheduled with the owner. The preference would be to perform the work when outdoor temperatures and humidities are not extreme (cooling and heating). Alternatively, these units may be shut down for up to 7 days over the scheduled winter break. The contractor will be responsible for providing temporary heat in the spaces served by the unit. Coordinate and schedule shut down times with the IU construction manager and facility operations.

AHU-6 and AHU-7 serve common spaces and the coils are dual use (heating and cooling). The work on these units can be performed in the fall after the most demanding weather for cooling has passed, and before the most demanding winter conditions for heating start. The units may be shut down to perform the work for three-day increments starting on Friday of a given week and active again on Monday of the following week. Coordinate and schedule shut down times with the IU construction manager and facility operations.

Specifications

Section 232113 – Hydronic Piping

1. At Article 1.05 SUBMITTALS, add Paragraph C to read: "C. Provide product data including materials of construction, dimensions, and performance parameters for air separators and dirt separators, included with the Contractor's bids. Refer to Alternate 1 requirements on the Bid Form."

Drawings

Sheet M101 – EIGENMANN HALL BASEMENT MECHANICAL DEMOLITION PLAN

1. Revise as indicated in the clouded areas on the attached revised sheet.

Sheet M103 – EIGENMANN HALL ROOF MECHANICAL DEMOLITION PLAN

1. Revise as indicated in the clouded areas on the attached revised sheet.

End of ADDENDUM 2

Meeting Date(s) 6-30-2026, 7-8-2026

Prebid Meeting Minutes

BL313 – Eigenmann Hall – Add Heat Exchanger to Chilled Water Loop
Indiana University Bloomington
IU 20251316

1. Introductions
   A. Owner:
      1. IU Board of Trustees.
   B. Capital Projects
      1. Teddy Lashley, IU Team Lead.
      2. Darby Simpson, IU Mechanical
      3. Fred Bowling, IU Electrical
      4. Matt Smethyrst, IU Construction Administrator
   C. Consultant – ATP Engineering
      1. Doug Bradley – Mechanical (dbradley@atp-eng.com)
      2. Brian Abel – Electrical (babel@atp-eng.com)
2. Project Description
   A. The project consists of work in the Eigenmann Hall.
      1. Add a plate and frame heat exchanger to decouple the campus chilled water system from the building chilled water system as shown on the Construction Documents. Work includes, but is not limited to, providing a new heat exchanger, new primary system pumps, new dirt separators, a new air separator, and piping modifications required to support the work as shown in the Contract Documents. Work may be started upon award of contract, however the chilled water system shall remain operation until 12/1/2026.
3. Project Schedule
   A. Project completion date shall be no later than March 19, 2027.
4. Project Website:
   A. Indiana University will utilize E-builder for document management.
   B. Contractors must have appropriate hardware/software to create and read PDF documents.
5. Protocol for Questions:
   A. Questions shall be submitted in writing via e-mail to Consultant, dbradley@atp-eng.com. The last day for questions is noon on July 13, 2026.
6. Bids will be accepted at or before 2:00 P.M. Eastern Time on July 23, 2026
   A. Submit bids electronically via www.iuplanroom.com. Refer to notice to bidders.

B. Public Bid opening; Bids read aloud. Refer to notice to bidders for virtual bid opening information.

C. Late Bids will not be accepted.

7. Documents are available from Eastern Engineering. Contact Eastern for deposit and purchase information.

8. Alternates

   A. Alternate 1 – Air/Dirt Separator Manufacturer (Mandatory Alternate)

   B. Alternate 2 - Replace Cooling Coils in AHU's

   C. Alternate 3 - Replace Cooling Coils in ERU's

   D. Alternate 4 - Remove AHU-4 and provide new Fan Coil Units

9. Parking

   A. There will be limited on-site parking. Contractor parking is in the Green lot.

10. Concurrent Projects

    A. None.

11. Dumpster Location

    A. A dumpster will be allowed near the back loading dock. Coordinate exact location with IU.

12. Tour of project spaces was performed with the contractors in attendance.

ATP ENGINEERING

6-30-2026

Prebid Meeting – Sign-In Sheet

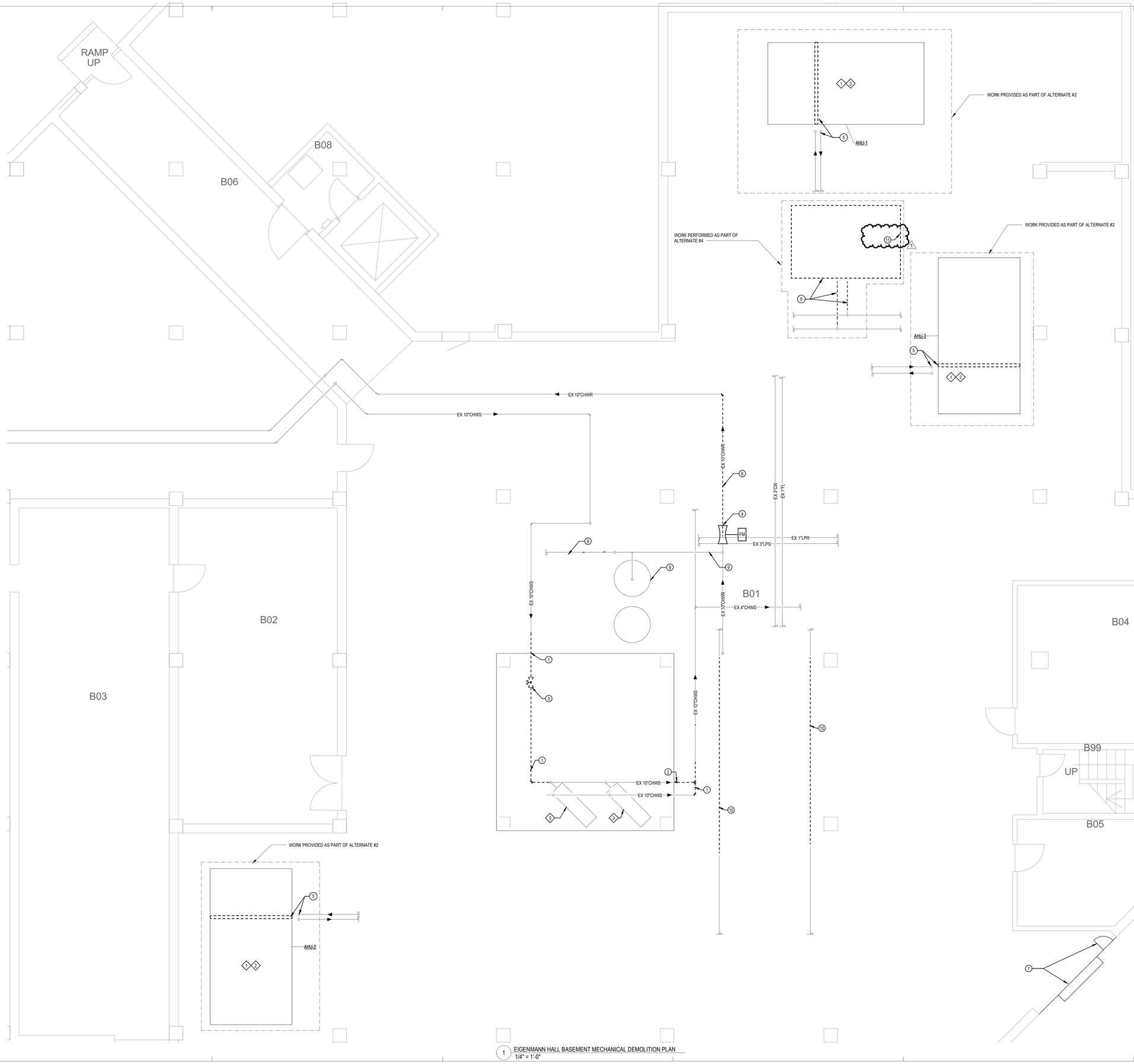
BL313 Eigenmann Hall – Add Heat Exchanger to Chilled Water Loop
Indiana University Bloomington
IU 20251316

Company	Name	Phone Number	Email
IU CPF	Teddy Lashley	812-679-8131	tedlashl@iu.edu
HFI	Colin Hindman	812-339-2579	chindman@harrell-fish.com
IU CPF	MATT SMETHURST	812-679-9075	MSmethur@IU.EDU
IU CPF	Adam Rawlins	317-966-8202	adamrawl@IU.EDU
Electric Plus	Chris Kelley	812-325-3048	ckelley@electricplus.com
Sexson Mech	Dave Van Hoet	317-989-9176	DVanHoet@SexsonMechanical.com

ATP
ENGINEERING

7/8/26
Walkthrough

HEFLIN...	DAVE DEPIERRE	8128251600	ddepierre@heflind.com
Commercial service	Kelly Walke	812 3206802	Kwalke@commercialservice.com
[illegible]	SEXSON MECHANICAL	317-989-9176	[illegible]
Comm. Service	Jeff Rothhaar	812-929-9048	Jrothhaar@commercialservice.com
IU CPF	Teddy Lashley	812-679-8131	tedlashl@iu.edu



1 EIGENMANN HALL BASEMENT MECHANICAL DEMOLITION PLAN
1/4" = 1'-0"

DEMOLITION NOTES:

1. REMOVE EXISTING PIPING AS INDICATED BY THE HEAVY DASHED LINE. PREPARE PIPING FOR NEW CONNECTION.
2. REMOVE CHECK VALVE.
3. REMOVE TEMPERATURE CONTROL VALVE AND TURN OVER TO THE OWNER.
4. RELOCATE FLOW METER AND TURN OVER TO OWNER.
5. REMOVE EXISTING CHILLED WATER COIL AND REPLACE WITH NEW. REFER TO SHEET M201 FOR NEW WORK. DISCONNECT PIPING AND SPECIALTIES BACK TO ISOLATION VALVES.
6. REMOVE TEMPERATURE CONTROL SENSORS AND COMPONENTS IN EXISTING PIPING THAT IS REMOVED, WETHER SPECIFICALLY SHOWN OR NOT AND TURN OVER TO THE OWNER FOR RE-INSTALLATION. COORDINATE WITH THE OWNER PRIOR TO DEMOLITION.
7. REFER TO SHEET M002 FOR REMOVAL AND RE-INSTALLATION OF EXHAUST FAN FOR MECHANICAL ROOM ACCESS.
8. REMOVE EXISTING AHU-4 AND PIPING BACK TO MAIN AND CAP.
9. EXISTING MAKEUP WATER ASSEMBLY AND EXPANSION TANK SHALL REMAIN.
10. RELOCATE SPRINKLER BRANCH LINES AND HEADS IN THIS AREA AS REQUIRED TO ALLOW FOR INSTALLATION OF NEW WORK. REINSTALL PER NFPA-13 REQUIREMENTS.
11. DISCONNECT OUTSIDE AIR DUCTWORK FROM UNIT AT THE UNIT AND CAP END OF ACTIVE DUCTWORK.

PRE-DEMO TAB REQUIREMENTS:

1. MEASURE SUPPLY AIRFLOW, RETURN AIRFLOW, OUTSIDE AIRFLOW, AND PRESSURE PROFILE OF THE AIR HANDLING UNIT AND REPORT THE VALUES TO THE ENGINEER. VERIFY AIRFLOW AND PRESSURE DROP ACROSS THE COIL THAT IS BEING REPLACED.
2. MEASURE WATER FLOW AND WATER PRESSURE DROP AT THE EXISTING COIL PRIOR TO REMOVAL OF THE COIL.
3. MEASURE PUMP WATER FLOW AND PRESSURE DROP.

GENERAL NOTE:

1. CHILLED WATER SHALL REMAIN ACTIVE AND OPERATIONAL UNTIL 12/1/2026.

KEY PLAN

ATP ENGINEERING

DAVID SHUCK REGISTERED No. 19700101 STATE OF INDIANA PROFESSIONAL ENGINEER

Certified By:

Revisions

Number	Date	Description
1	7/14/26	Addendum 2

Drawn By: Author
Checked By: Checker
Project Status: CD
Date: 23 JUNE 2026

Title: EIGENMANN HALL BASEMENT MECHANICAL DEMOLITION PLAN

Project: BL313 EIGENMANN HALL - Add Heat Exchanger to Chilled Water Loop
IU PROJECT 20251316
1900 E 10th Street, Bloomington, IN 47408

Drawing Number:

M101

North

C:\Users\dbradley\Documents\ATP MEP fu Multi-Bldg Chilled Water Loop V25_dbradley62AKCP.rvt
7/14/2026 2:29:15 PM

DEMOLITION NOTES: ◯

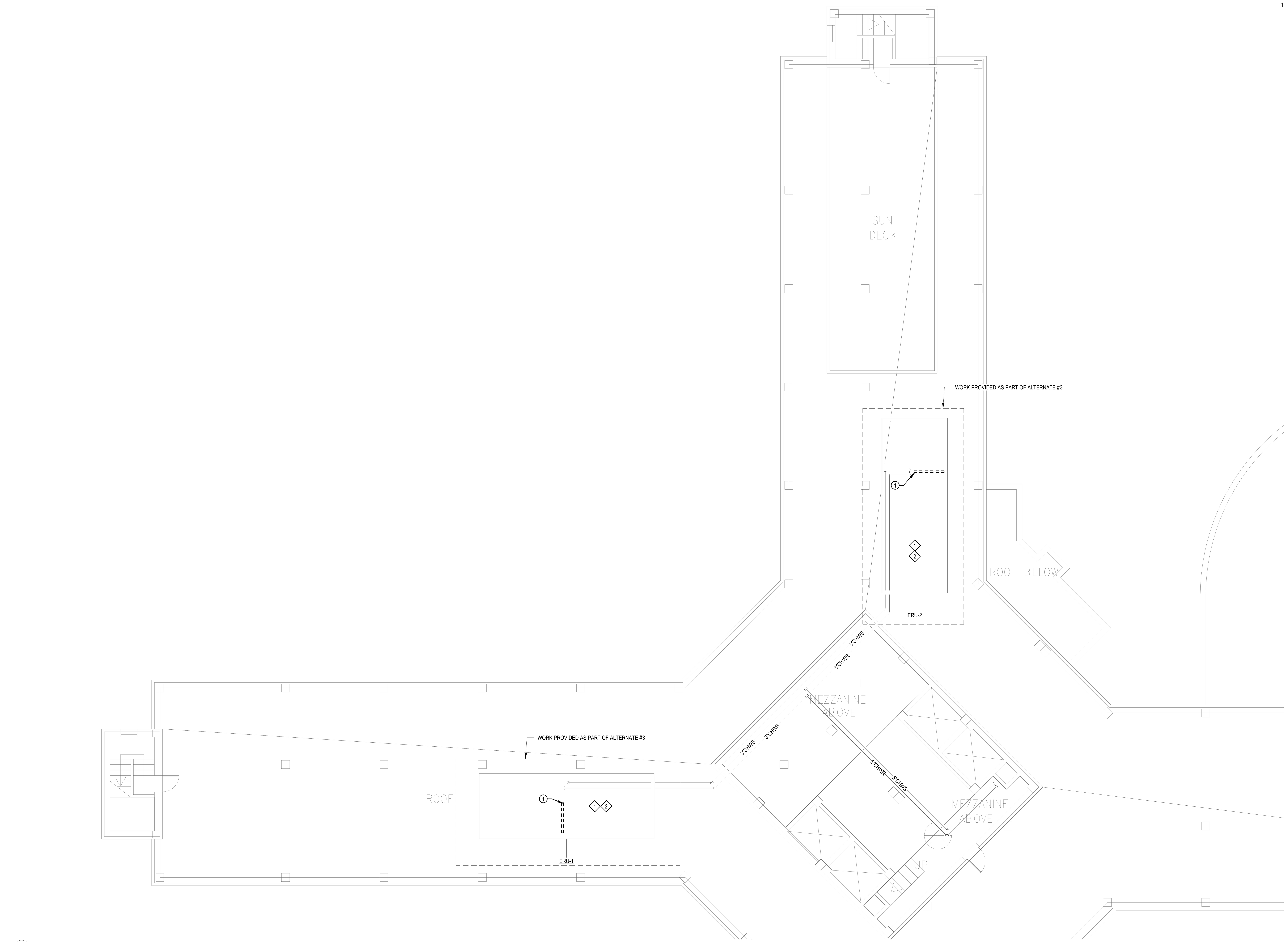
1. REMOVE EXISTING CHILLED WATER COIL AND REPLACE WITH NEW. REFER TO SHEET M203 FOR NEW WORK. DISCONNECT PIPING AND REMOVE SPECIALTIES AND CONTROL VALVE. ISOLATION VALVES AND CONTROL VALVE ARE LOCATED IN THE MECHANICAL PENTHOUSE. EXISTING PIPING IN THE HORIZONTAL PIPING CHASE AND MECHANICAL ROOM SHALL REMAIN. △1

PRE-DEMO TAB REQUIREMENTS: ◇

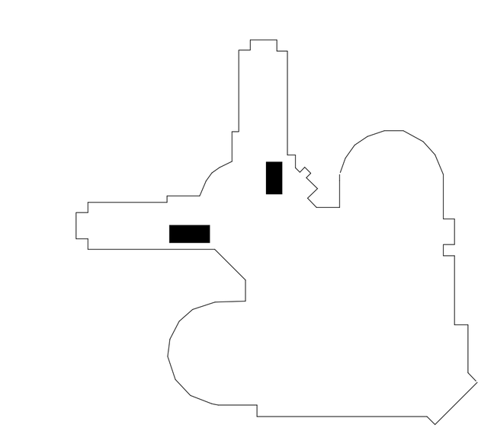
1. MEASURE SUPPLY AIRFLOW , RETURN/EXHAUST AIRFLOW, OUTSIDE AIRFLOW AND PRESSURE PROFILE OF THE AIR HANDLING UNIT AND REPORT THE VALUES TO THE ENGINEER. VERIFY AIRFLOW AND PRESSURE DROP ACROSS THE COIL THAT IS BEING REPLACED.
2. MEASURE WATER FLOW AND WATER PRESSURE DROP AT THE EXISTING COIL PRIOR TO REMOVAL OF THE COIL.

GENERAL NOTE:

1. CHILLED WATER SHALL REMAIN ACTIVE AND OPERATIONAL UNTIL 12/1/2026.



1 EIGENMANN HALL ROOF MECHANICAL DEMOLITION PLAN
1/8" = 1'-0"



KEY PLAN

ATP ENGINEERING

Certified By: DAVID SHUCK REGISTERED No. 19700101 STATE OF INDIANA PROFESSIONAL ENGINEER

Revisions		
Number	Date	Description
1	7/14/26	Addendum 2

Drawn By: Author
Checked By: Checker
Project Status: CD
Date: 23 JUNE 2026

Title: EIGENMANN HALL ROOF MECHANICAL DEMOLITION PLAN

Project: BL313 EIGENMANN HALL - Add Heat Exchanger to Chilled Water Loop

IU PROJECT 20251316

1900 E 10th Street, Bloomington, IN 47408

Drawing Number: M103

North