# Addendum 03



Date:	7/24/2024	
Project Name:	IU 20230518 - BL 107 Biology Building - AHU 1 Replacement	<b>Project #:</b> 23345

### Drawings - Modify as indicated within the attached revised sheets as shown in the clouded areas:

1. M200 – Ground Floor – Mechanical Plan.

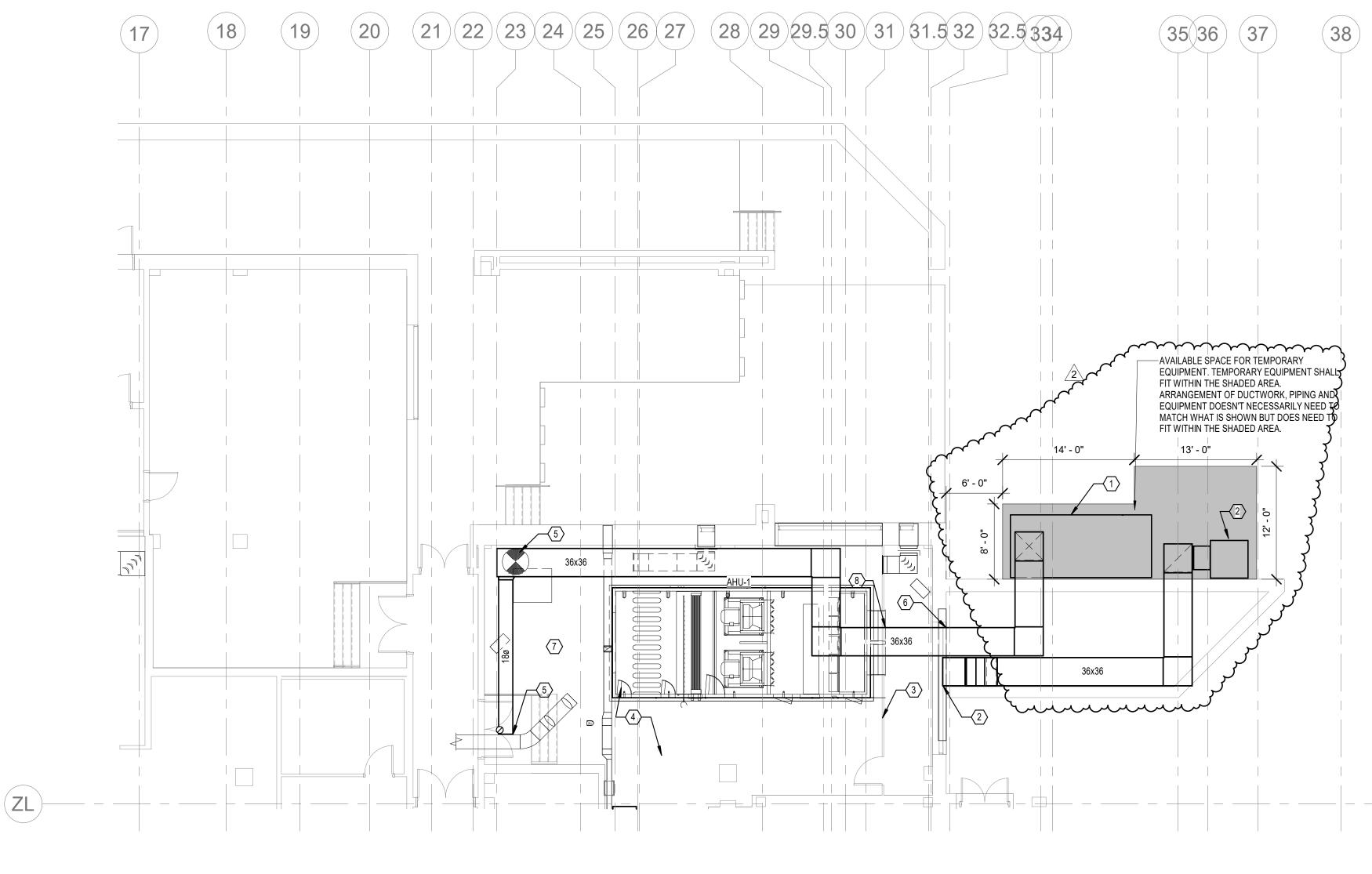
A. Modify the space allotted for the temporary AHU as indicated in the attached sheet.

### Attachments:

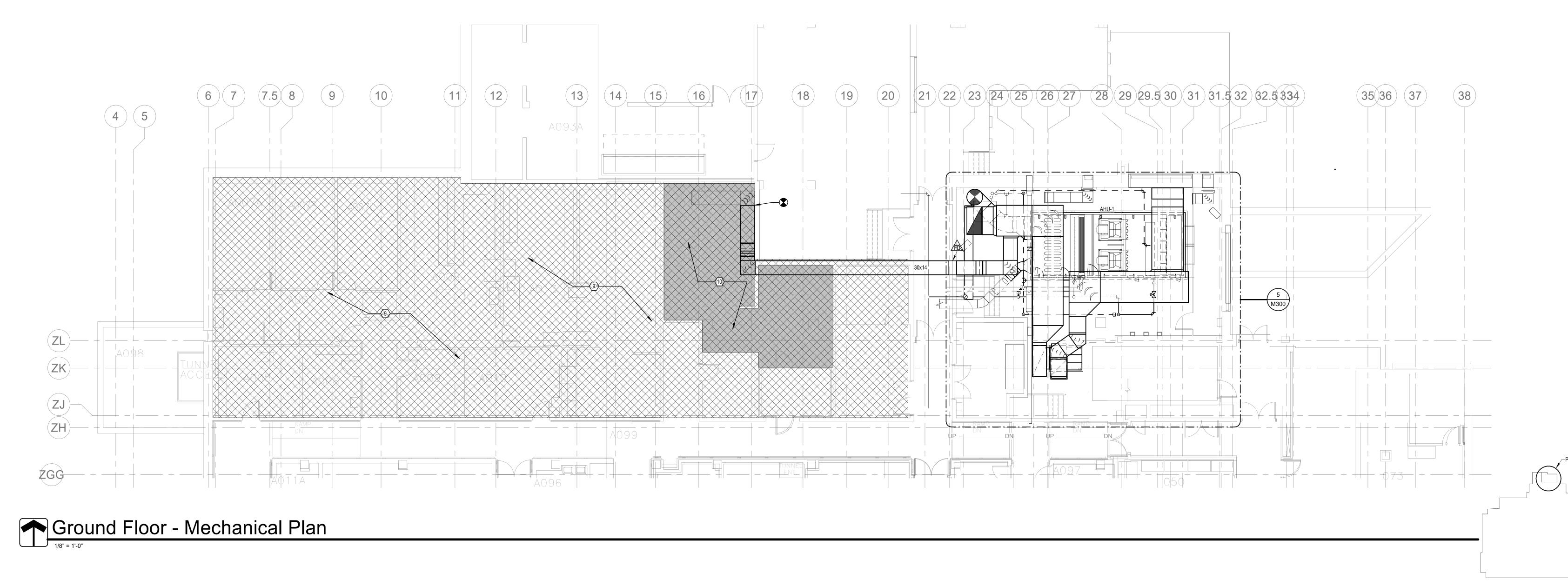
M200 – Ground Floor – Mechanical Plan.

Submitted By: Doug Bradley

mmf







## **GENERAL NOTES:**

- 1. MECHANICAL SYMBOLS AND ABBREVIATIONS SHEET GENERAL NOTES APPLY TO ALL SHEETS. 2. ON DEMOLITION PLANS; EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED, EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
- 3. UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED. 4. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO
- PERFORM THIS WORK. 5. COORDINATE SHORT PERIODS OF TIME WHERE AIRFLOW IS NOT AVAILABLE WITH THE OWNER. INITIAL SETUP DURING DEMOLITION AND SWITCHOVER TO THE PERMANENT SYSTEM, AND SHUTDOWNS TO REPLACE DUCTWORK ARE EXAMPLES OF SUCH PERIODIC DOWN TIMES. THESE SWITCHOVER TIMES SHALL NOT EXCEED FOUR DAYS, WITH THOSE DAYS BEING THURSDAY THROUGH SUNDAY. IF THE DURATION EXCEEDS FOUR DAYS, CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY SPOT COOLER, DEHUMDIFIERS AND CIRCULATION FANS AS REQUIRED TO MAINTAIN TEMPERATURE AND HUMIDITY. INCLUDE PROVISIONS FOR TEMPORARY POWER, CONDENSATE DISPOSAL AND HEAT REJECT. THIS

REQUIREMENT APPLIES TO ALL AREAS INDICATED TO BE SERVED BY AHU-1.

## SHEET NOTES:

- 1. PROVIDE TEMPORARY 28,000 CFM 100% OA COOLING ONLY AHU. UNIT SHALL UTILIZE CHILLED WATER FROM THE MECHANICAL ROOM. TEMPORARY POWER AND TEMPORARY CHILLED WATER PIPING SHALL BE BY THE CONTRACTOR. CHILLED WATER COIL SHALL BE SIZED TO COOL AIR FROM 91°F DB/76°F WB DOWN TO 55°F
- DB/54°F WB UTILIZING 45° F CHILLED WATER. 2. PROVIDE TEMPORARY RETURN DUCT STUBBED INTO THE OA PLENUM DURING CONSTRUCTION. REMOVE LOUVER AND BLANK OFF OPENING AROUND DUCT AS NECESSARY. RE-INSTALL LOUVER UPON COMPLETION.
- PROVIDE 24,000 CFM TEMPORARY UTILITY SET EXHAUST FAN IN ADJACENT TO THE TEMPORARY AIR HANDLING UNIT. 3. USE OPENING PREVIOUSLY OCCUPIED BY RETURN AIR FROM RETURN FAN TO ALLOW RETURN AIR BACK TO THE UNIT THROUGH THE PLENUM. 4. TEMPORARILY UTILIZE MECHANICAL ROOM AS EXHAUST AIR PLENUM DURING CONSTRUCTION.
- 5. CONNECT TEMPORARY SUPPLY AIR DUCT TO THE ROUND DUCT RISER. PROVIDE TEMPORARY BLANK OFF OF OPEN ENDED SUPPLY WITHIN THE ROOM AS NECESSARY. 6. PROVIDE TEMPORARY SUPPLY DUCT ROUTED THROUGH OUTSIDE AIR OPENING. REMOVE LOUVER AND BLANK OFF OPENING AROUND DUCT AS NECESSARY. RE-INSTALL LOUVER UPON COMPLETION. 7. COORDINATE SHORT PERIODS OF TIME WHERE AIRFLOW IS NOT AVAILABLE WITH THE OWNER. INITIAL SETUP
- DURING DEMOLITION AND SWITCHOVER TO THE PERMANENT SYSTEM ARE EXAMPLES OF SUCH PERIODIC DOWN TIMES. THESE SWITCHOVER TIMES SHALL NOT EXCEED FOUR DAYS, WITH THOSE DAYS BEING THURSDAY THROUGH SUNDAY. IF THE DURATION EXCEEDS FOUR DAYS, CONTRACTOR SHALL BE
- RESPONSIBLE FOR PROVIDING TEMPORARY SPOT COOLER, DEHUMDIFIERS AND CIRCULATION FANS AS REQUIRED TO MAINTAIN TEMPERATURE AND HUMIDITY. INCLUDE PROVISIONS FOR TEMPORARY POWER, CONDENSATE DISPOSAL AND HEAT REJECT. THIS REQUIREMENT APPLIES TO ALL AREAS INDICATED TO BE SERVED BY AHU-1, INCLUDING THE THIRD FLOOR AREAS.
- 8. PATCH PENETRATION OF OA PLENUM UPON COMPLETION OF THE TEMPORARY SYSTEM REMOVAL. PATCH WITH DOULBE WALL INSULATED SHEET METAL PANEL WITH INSULATION ENCAPSULATED BETWEEN WALLS. 9. THIS AREA IS SERVED BY THE EXISTING UNIT, AND IS ONE OF THE AREAS THAT WILL BE SERVED BY THE
- TEMPORARY AIR HANDLING UNIT. 10. ALL WORK PERFORMED IN THIS DARKER HATCH AREA SHALL BE PERFORMED AT ONE TIME. THE WORK SHALL BE SCHEDULED WITH THE OWNER AND SHALL HAPPEN OVER A MAXIMUM OF FOUR CONSECUTIVE DAYS WITH THOSE DAYS BEING A THRUSDAY THROUGH SUNDAY.



