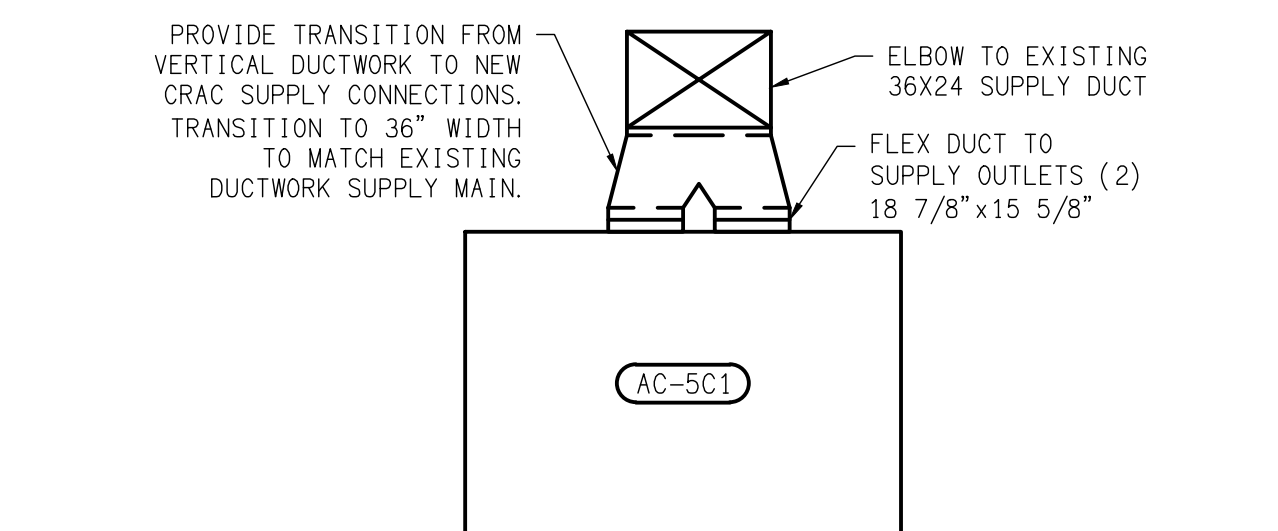


PARTIAL PLAN - CLUB LEVEL - NEW WORK
 SCALE: 1/4" = 1'-0"
 1 M200



PARTIAL PLAN - VIEW LEVEL - NEW WORK
 SCALE: 1/4" = 1'-0"
 2 M200



ELEVATION - NEW DUCTWORK
 SCALE: 1/4" = 1'-0"
 3 M200

DRAWING NOTES
 DRAWING M200

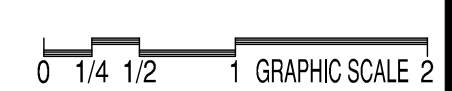
- 1 PROVIDE NEW AIR HANDLING UNIT IN APPROXIMATE LOCATION INDICATED. UNIT TO BE DISASSEMBLED AND RE-ASSEMBLED WITHIN EXISTING ROOM FOOTPRINT. COORDINATE EXACT CRAC INSTALLATION LOCATION WITH EXISTING DUCTWORK TIE-IN POINT.
- 2 PROVIDE NEW SUPPLY DUCTWORK BETWEEN NEW CRAC UNIT AND EXISTING SUPPLY DUCTWORK CONNECTION POINT. SUPPORT NEW DUCTWORK FROM BUILDING STRUCTURE. PROVIDE FLEXIBLE CONNECTOR AT UNIT CONNECTION.
- 3 PROVIDE NEW REFRIGERANT PIPING BETWEEN INDOOR CRAC UNIT AND OUTDOOR CONDENSING UNIT. SIZE AND INSULATE PIPING PER MANUFACTURER'S GUIDELINES. INSTALL MANUFACTURER FURNISHED PIPING SPECIALTIES AS REQUIRED TO MATCH INSTALLATION REQUIREMENTS. DEMOLISH EXISTING PIPING CHASE AS REQUIRED FOR NEW PIPING AND SUPPORTS. REPAIR PIPING CHASE WALLS TO MATCH SURROUNDING CONSTRUCTION AND FINISH.
- 4 PROVIDE NEW CITY WATER PIPING TO INFRARED HUMIDIFIER CONNECTION ON NEW CRAC UNIT. TIE-IN AT EXISTING CITY WATER ISOLATION VALVE.
- 5 PROVIDE NEW ISOLATION VALVES ON EXISTING HOT WATER SUPPLY / RETURN PIPING AT MECHANICAL ROOM WALL. PROVIDE THREADED CAP IN OPEN END OF NEW ISOLATION VALVES.
- 6 PROVIDE NEW CONDENSATE DRAIN FROM DRAIN PAN CONNECTION POINT TO EXISTING FLOOR DRAIN. SIZE TO MATCH DRAIN PAN CONNECTION SIZE. PROVIDE CONDENSATE TRAP AT CONNECTION POINT. SLOPE PIPING MINIMUM OF 1/8" PER FOOT FROM TRAP DISCHARGE TO FD.
- 7 PROVIDE NEW CONDENSING UNIT IN APPROXIMATE LOCATION INDICATED. PROVIDE NEW NON-PENETRATING ROOF SUPPORTS BELOW SUPPORT LEGS. LEVEL THE UNIT.
- 8 RE-BALANCE ALL DIFFUSERS TO MATCH THE AIRFLOWS ON THE PLAN PER THE SPECIFICATIONS.
- 9 REINFORCE THE RAISED FLOOR IN THE CONTROL ROOM TO DISTRIBUTE THE WEIGHT OF EQUIPMENT BEING MOVED IN AND OUT OF THE SPACE AND PREVENT DAMAGE TO THE FLOOR.
- 10 REUSE EXISTING WALL OR ROOF PENETRATIONS FOR REFRIGERANT PIPING AND SEAL WATERTIGHT.
- 11 SUPPORT REFRIGERANT PIPING EVERY 5 FT OR AS PER MANUFACTURER GUIDELINES.

EQUIPMENT NOTES

- AC-5C1 NEW COMPUTER ROOM AIR CONDITIONER AIR HANDLER. DETAILS ON SCHEDULE ON SHEET M700.
- CU-7C4 NEW COMPUTER ROOM AIR CONDITIONER CONDENSING UNIT DETAILS ON SCHEDULE ON SHEET M700.
- * DESIGNATES EXISTING EQUIPMENT
- + DESIGNATES EQUIPMENT FURNISHED BY OTHERS
- ++ DESIGNATES EQUIPMENT FURNISHED AND INSTALLED BY OTHERS

GENERAL NOTES

- A APPLIES TO ALL DRAWINGS OF THIS TRADE
- A FOR KEY PLAN AND DRAWING INDEX SEE DRAWING G0.0.
- B FOR GENERAL NOTES, LEGEND AND SYMBOLS SEE DRAWING M001.



**GABP CONTROL ROOM
 CRAC REPLACEMENT**
 CINCINNATI, OHIO
**MECHANICAL - PARTIAL PLAN
 VIEW / CLUB LEVEL - NEW WORK**

24x36in BORDER
THERMALTECH ENGINEERING
 FACILITY AND UTILITY SYSTEMS ANALYSIS/DESIGN/CONSTRUCTION
 CINCINNATI, OH • 518-561-2271 • WWW.THERMALTECH.COM
 CINCINNATI, OH • 43000700W PA • FORT WORTH, TX • LAWRENCEBURG, IN
 PORTLAND, ME • CHANDLER, AZ • MEMPHIS, TN



REV	DATE	DESCRIPTION
1	11/19/24	ISSUED FOR ADDENDUM 01
0	11/01/24	ISSUED FOR PERMIT AND CONSTRUCTION

DESIGNER: CMM
 DRAFTER: BBOWE
 REVIEWED: TTC
 PROJECT NUMBER: 13109.110
 MECHANICAL - PARTIAL PLAN VIEW / CLUB LEVEL - NEW WORK
M200
 DRAWING NUMBER