

Chiller Replacement – 2025
Project No. 24036

ADDENDUM NO. 1

April 15, 2025

The following items are revisions, clarifications and additions to the original drawings and project manual for the above referenced project.

GENERAL

Prebid meeting attendance sheet
Prebid meeting notes

DRAWINGS

Sheet MP.110

1. The scope of work regarding the existing triple duty valve has been clarified.

Chiller Replacement - 2025
Project No. 24036

PRE-BID MEETING NOTES

Meeting Date: April 3, 2025

Attendance: See attached Pre-Bid Meeting Attendance Sheet

The Pre-Bid meeting convened at 1:00 p.m., and the following items were discussed:

1. Contractors reviewed the project area and took photos.
2. Crane logistics were discussed. The hospital noted that the emergency entrance needs to be available and that the crane needs to have flags on the top of it. Coordination with the hospital is required prior to any crane planning or activities.
3. It was noted that the chiller vendor/representative familiar with the project is QAS, Inc. out of Fort Wayne.
4. Delivery of bids was discussed. Bids are to be mailed or hand carried to bid opening and must be addressed to Ronald Goedde, Chief Executive Officer. See legal advertisement and project manual for additional information.

No further discussion took place, and the meeting adjourned. Please address any corrections or additions to these meeting notes to our office as soon as possible; otherwise these meeting notes, as written, will become a part of the project file.

Scott Harden
VINTAGE ARCHONICS, INC.

cc: All those in attendance

DISCIPLINE
 G - GENERAL
 C - CIVIL
 L - LANDSCAPE
 S - STRUCTURAL
 A - ARCHITECTURAL
 I - INTERIOR
 P - PLUMBING
 F - FIRE PROTECTION
 M - MECHANICAL
 E - ELECTRICAL

PHASE
 SHEET TYPE
 FLOOR LEVEL
 SHEET COUNT

MECHANICAL GENERAL NOTES

- MC IS RESPONSIBLE FOR COORDINATION OF ALL ELECTRICAL, TEMPERATURE CONTROL, AND GENERAL CONSTRUCTION TRADE WORK SHOWN ON MECHANICAL PLANS.
- MC SHALL FIELD VERIFY EXISTING CONDITIONS BEFORE SUBMITTING A BID/PRICING. ALL CONDITIONS AND ITEMS INDICATED ON PLAN HAVE BEEN OBTAINED FROM EXISTING DOCUMENTS OR BY VISUAL INSPECTION ONLY. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER IMMEDIATELY. PRIOR TO INSTALLATION, THE ENGINEER MUST APPROVE ALL PROPOSED MODIFICATIONS TO PIPING LAYOUT AND DESIGN.
- PIPING SHOWN IS INTENDED ONLY TO SHOW CONTRACTOR GENERAL ROUTING IN SPECIFIC AREAS. CONTRACTOR IS RESPONSIBLE FOR FINAL PIPING ROUTING WHICH INCLUDES ALL ELEVATION CHANGES AND OFFSETS NECESSARY TO AVOID OBSTACLES. CONTRACTOR TO COORDINATE ALL PIPE LOCATIONS WITH ALL EXISTING CONDITIONS.
- ALL INSULATION MATERIAL INSTALLED HAVE A FLAME SPREAD RATING OF NOT MORE THAN 25 AND A DEVELOPED RATING NOT EXCEEDING 50 IN ACCORDANCE WITH STATE CODES.
- REFER TO MECHANICAL SYSTEMS SCHEDULE FOR ALL SYSTEMS INSULATION REQUIREMENTS.
- CONTRACTOR SHALL PROVIDE VIBRATION ISOLATION BETWEEN ALL NOISE GENERATING MECHANICAL EQUIPMENT AND PIPING SYSTEMS.
- NO MATERIAL OR PRODUCTS USED IN THE COMPLETION OF THIS PROJECT ARE TO CONTAIN ASBESTOS.
- MC IS RESPONSIBLE FOR COORDINATING AND COMPLETING ALL MECHANICAL EQUIPMENT START-UP, OWNER TRAINING AND PROVIDE ALL INSTALLATION, OPERATION AND MAINTENANCE (IOM) MANUALS PRIOR TO SPACE TURNOVER TO OWNER.
- THE TERM "PROVIDE" SHALL INDICATE CONTRACTOR RESPONSIBILITY TO "FURNISH AND INSTALL".

MECHANICAL PROJECT NOTES

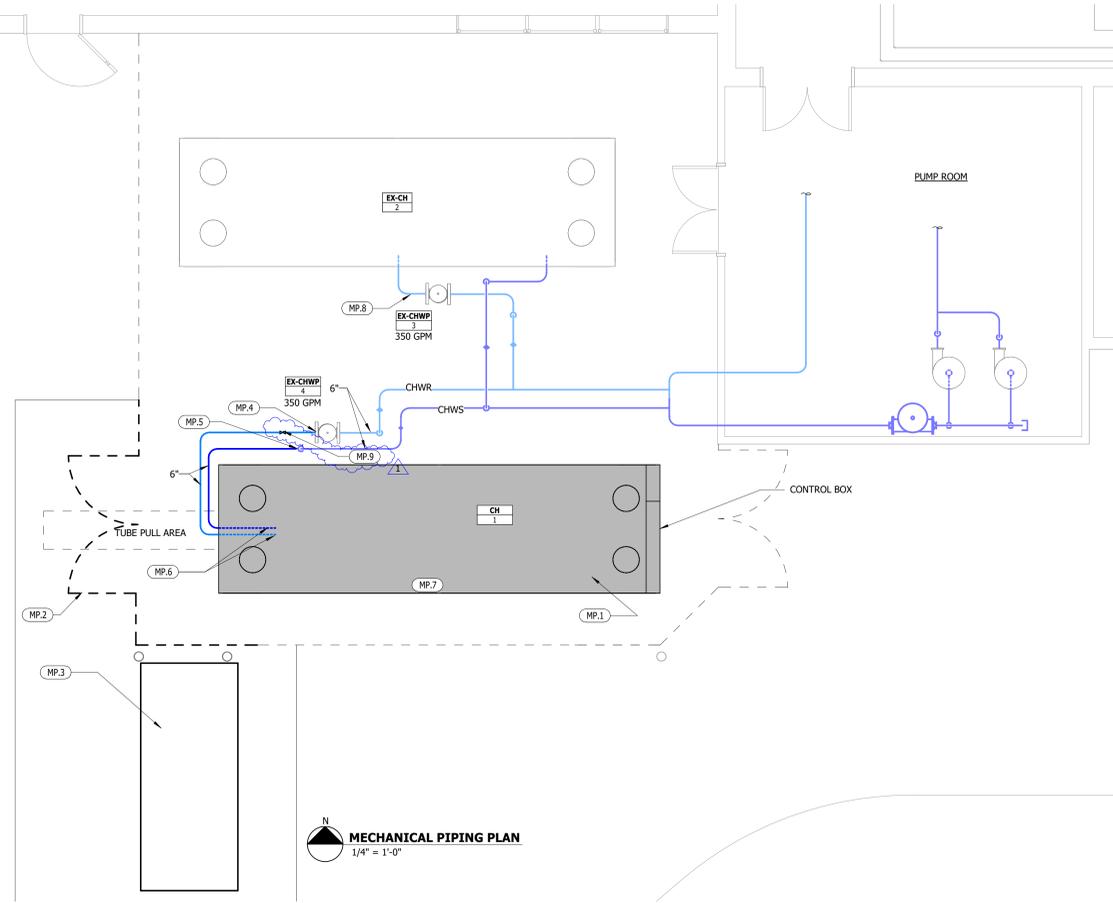
- COORDINATE SHUTDOWN OF COOLING SYSTEM WITH OWNER. DRAIN GLYCOL FROM CHILLED WATER PIPING BACK TO NEAREST VALVES AND RETAIN FOR RE-USE.
- CONTRACTOR TO PROVIDE ADDITIONAL 40% GLYCOL AS REQUIRED TO FILL FINISHED SYSTEM.
- ALL NEW CHILLED WATER PIPING TO BE PREPPED AND PAINTED WITH TWO COATS OF RUST PREVENTIVE PAINT, SUCH AS RUSTOLEUM OR EQUAL, PRIOR TO INSULATING.

TEMPERATURE CONTROL NOTES

- TCC WORK SHALL CONSIST OF DISCONNECTING THE EXISTING CONTROLS AND REMOVING EXISTING DEVICES FROM THE EXISTING CARRIER CHILLER AND PROVIDING NEW DEVICES AND RECONNECTING THE EXISTING BMS TO THE NEW CARRIER CHILLER. THE EXISTING SEQUENCE OF OPERATION AND MONITORING POINTS ARE TO REMAIN THE SAME AS WAS PREVIOUSLY INSTALLED ON THE REMOVED CHILLER. TCC WORK IS TO PERFORMED BY NEW IDEA CONTROLS, LIMA OHIO.

MECHANICAL PIPING KEYNOTES

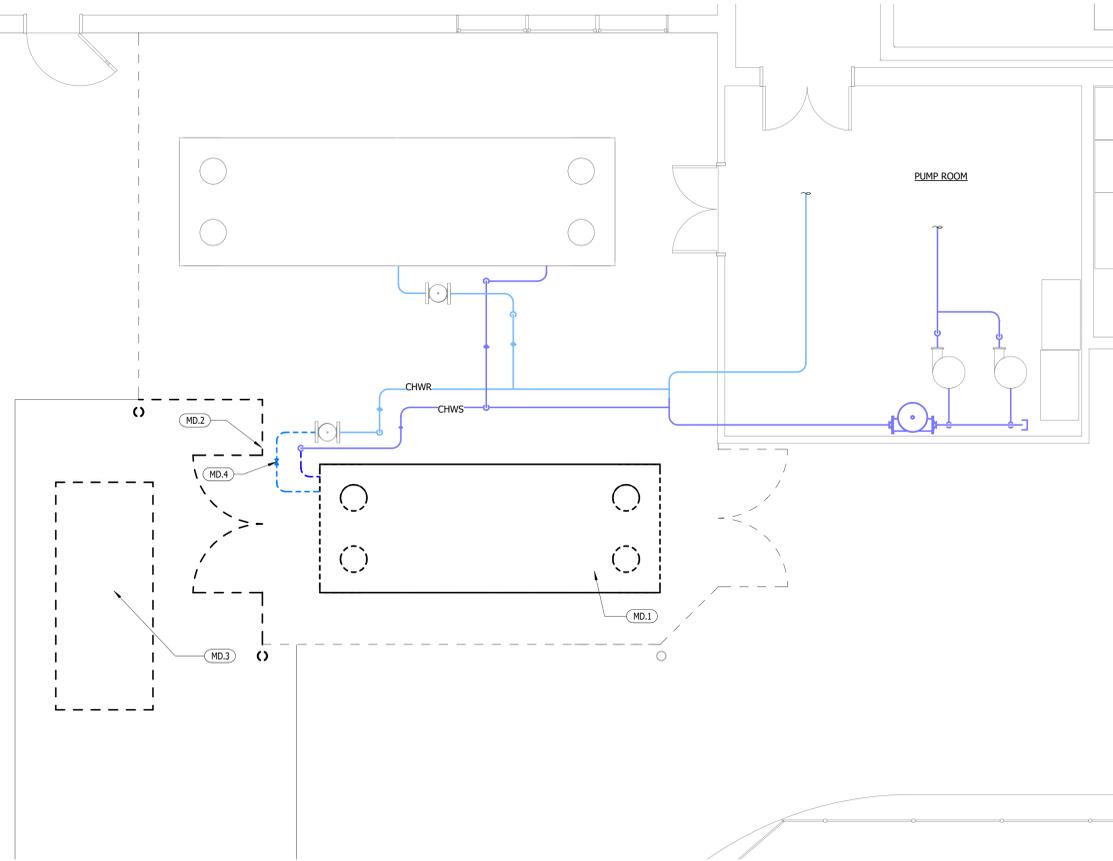
- MP.1 INSTALL NEW CHILLER. COORDINATE WITH MANUFACTURERS INSTRUCTIONS. FENCE TO BE REWORKED. SEE SHEET S.100 FOR EXTENT OF WORK.
- MP.2 EXISTING TRASH DUMPSTER TO BE RELOCATED BY OWNER.
- MP.3 THE NEW PIPING INTO THE DISCHARGE OF EXISTING PUMP.
- MP.4 TIE INTO EXISTING 6" CHWS PIPING.
- MP.5 TIE INTO NEW CHILLER USING CARBON STEEL BRAIDED FLEXIBLE CONNECTIONS.
- MP.6 MOUNT UNIT ON EXISTING I-BEAMS ACROSS THE WIDTH OF THE UNIT. CONFIRM STRUCTURAL INTEGRITY PRIOR TO REUSE. I-BEAMS ARE TO BE LOCATED AT MOUNTING POINTS AS SHOWN ON MANUFACTURERS INSTALLATION MANUAL. LOCATE NEOPRENE ISOLATION PADS AT EACH MOUNTING LOCATION PER MANUFACTURER'S INSTRUCTIONS.
- MP.7 PROVIDE NEW THERMOMETER AND PRESSURE GAUGE IN EXISTING PIPE TO MATCH EXISTING EQUIPMENT.
- MP.8 RELOCATED TRIPLE DUTY VALVE.
- MP.9



MECHANICAL PIPING PLAN
 1/4" = 1'-0"

MECHANICAL PIPING DEMOLITION KEYNOTES

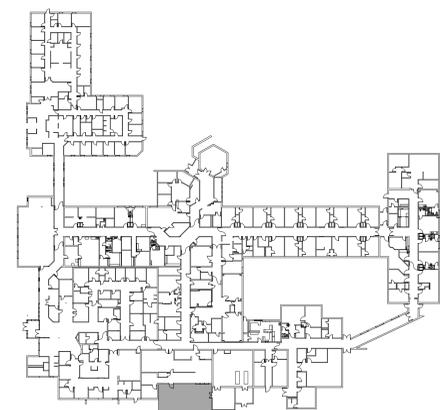
- MD.1 REMOVE EXISTING CHILLER, SUPPORT STRUCTURE, AND PIPING. SEE STRUCTURAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL WORK.
- MD.2 SEE STRUCTURAL DRAWING FOR REWORK OF FENCING.
- MD.3 EXISTING TRASH DUMPSTER TO BE RELOCATED BY OWNER.
- MD.4 EXISTING TRIPLE DUTY VALVE TO BE RELOCATED.



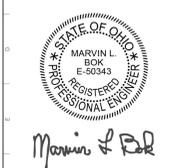
MECHANICAL PIPING DEMOLITION PLAN
 1/4" = 1'-0"

TAG	MANUFACTURER	MODEL	CAPACITY (TONS)	EVAPORATOR			MAXIMUM PD (FT H2O)	REFRIGERATION TYPE	FOUL FACTOR	ELECTRICAL (VOLTS/PHASE/HZ)	MCA	REMARKS
				EWTF (F)	LWT (F)	FLOW (GPM)						
CH-1	CARRIER	30KV2501S	158.4	42.00	53.74	350.0	9.33	R-513A	0.0001	460/3/60	493.0	ALL

- REMARKS:**
- PROVIDE UNIT WITH:
 - ISOLATION VALVE
 - SUCTION LINE INSULATION
 - CONTROL TRANSFORMER
 - NON-FUSED DISCONNECT
 - EMM 1 INCLUDES GFI CONVENIENCE OUTLET
 - FLOODED EVAPORATOR, 2 PASS FOR BRINE APPLICATION, W/HEATER
 - LOW SOUND KIT
 - ECM FANS
 - DISPLAY HEATER FOR CONTROL PANEL
 - MINIMUM FLOW RATE - 295 GPM
 - MINIMUM TURN DOWN OF 25%
 - SINGLE POINT ELECTRICAL CONNECTION
 - SOUND LEVEL AT 30' NOT TO EXCEED 69 DBA.
 - PROVIDE WITH BACnet IP INTERFACE.
 - CARRIER ONLY ACCEPTABLE MANUFACTURER.
 - PROVIDE FACTORY START-UP.
 - PROVIDE UNIT WITH 18 MONTH PARTS AND LABOR WARRANTY.
 - PROVIDE NEOPRENE ISOLATION PADS AT EACH MOUNTING LOCATION.



FIRST FLOOR KEY PLAN
 N.T.S.



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Current Revision: 1

NO.	DESCRIPTION	DATE
1	ADD-01	04/15/2025

DESIGNED SH
 DRAWN SH
 DATE 03/31/25

PROJECT NUMBER
 24036

MECHANICAL PIPING PLANS

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