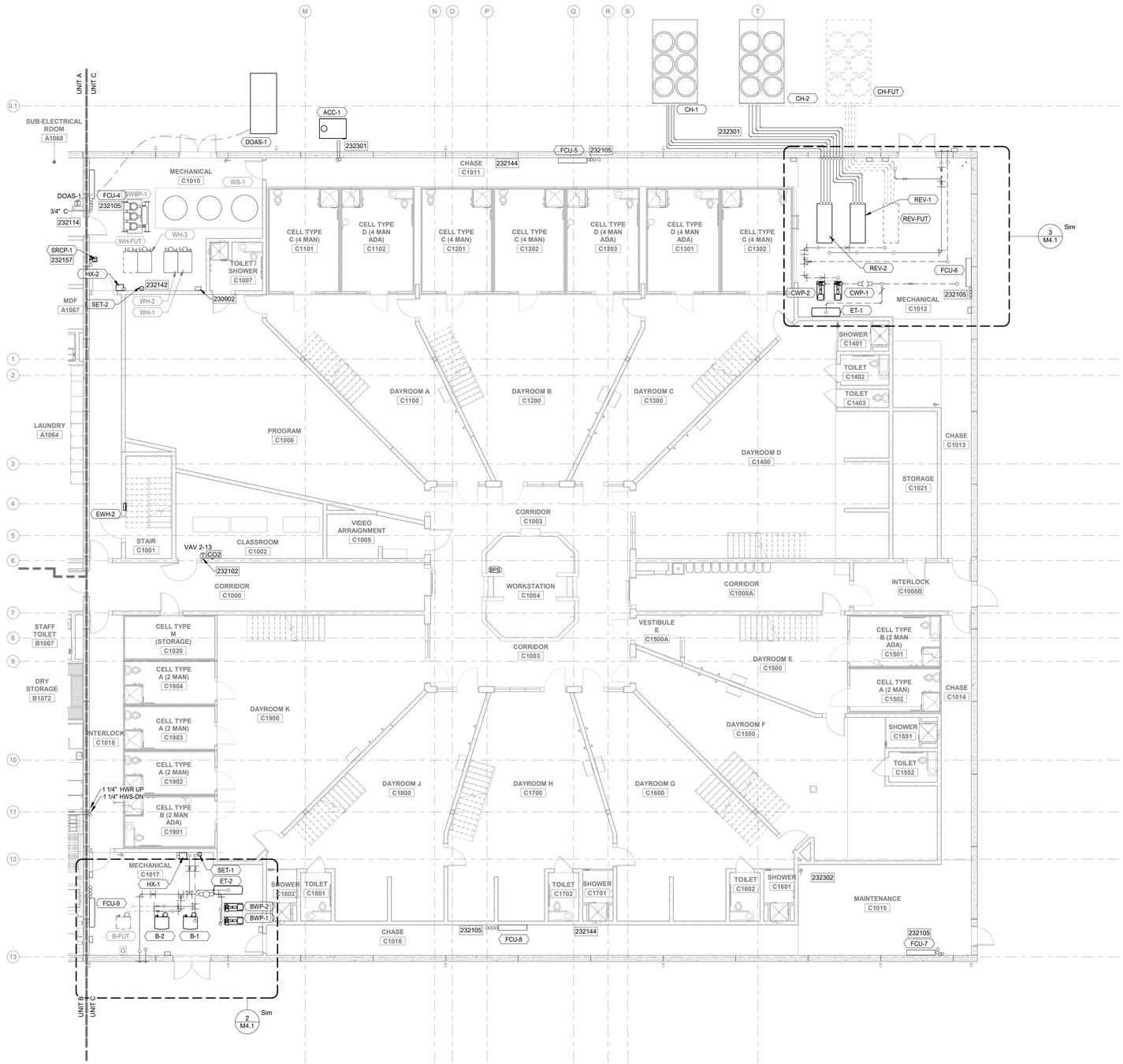


1 FIRST FLOOR HYDRONIC PIPING PLAN - UNIT C
SCALE: 1/8" = 1'-0"

NORTH

GENERAL MECHANICAL NOTES

A. REFER TO SHEETS G1.1 AND M0.1 FOR ADDITIONAL GENERAL NOTES AND INFORMATION.

B. DUCT AND PIPING LAYOUTS ARE SCHEMATIC IN NATURE. PROVIDE ADDITIONAL TRANSITIONS, ELBOWS, OFFSETS, AND FITTINGS AS REQUIRED.

C. COORDINATE ANY STRUCTURAL SUPPORTS FOR OPENINGS WITH STRUCTURAL TRADES.

D. COORDINATE ALL WORK WITH OTHER TRADES TO PERMIT ACCESS AND SERVICE CLEARANCES TO ALL SYSTEMS. COORDINATE DUCT WITH ELECTRICAL J-BOXES TO PREVENT OBSTRUCTIONS.

E. DO NOT SCALE DRAWINGS FOR DIMENSIONS. REFER TO ARCHITECTURAL DIMENSIONED DRAWINGS.

F. REFER TO DETAIL SHEETS FOR ADDITIONAL INFORMATION ON INSTALLMENT METHODS.

G. DEVIATIONS FROM BASIS OF DESIGN THAT AFFECT OTHER TRADES ARE THE RESPONSIBILITY OF THIS CONTRACTOR. ADDITIONAL COSTS TO PROVIDE LARGER ELECTRICAL CIRCUITS, MORE FLOOR SPACE, ADDITIONAL SUPPORTS, ADDITIONAL MATERIAL, ETC. SHALL BE BORNE BY THIS CONTRACTOR. COORDINATE ALL WORK WITH OTHER TRADES.

H. PROVIDE SECURITY BARS ON ALL DUCTWORK GREATER THAN 8"X8" OR 64 SQUARE INCH AREA WHERE PENETRATIONS OF SECURITY WALL TO DECK, FLOOR OR STRUCTURE ABOVE OCCURS WHETHER GRAPHICALLY INDICATED ON THE MECHANICAL PLANS OR NOT. SEE ARCHITECTURAL SECURE WALL PLAN DRAWING G1.6 AND G1.7 FOR SECURITY WALL LOCATIONS AND TYPE.

I. CONTRACTOR TO COORDINATE ROUTING OF ALL MECHANICAL, ELECTRICAL, PLUMBING, SECURITY ELECTRONICS AND FIRE PROTECTION WITH COLD FORMED STEEL TRUSS SUPPLIER THROUGH BIM COORDINATION MODELLING PRIOR TO ANY FABRICATION. ROUTING OF TRADES ELEMENTS SHOWN ON PLANS AND ANY TRUSS WEBS SHOWN IN BUILDING SECTIONS ARE DIAGRAMMATIC AND MUST BE COORDINATED WITH COLD FORMED STEEL TRUSS SUPPLIER AND THEIR STRUCTURAL TRUSS ELEMENT REQUIREMENTS

J. ALL EQUIPMENT, PIPING, AND DUCTWORK IN WALK THRU CHASES TO BE INSTALLED TO ALLOW 36" CLEAR UP TO MEZZANINE LEVEL FIXTURES SO ACCESSIBLE BY LIFT.

HVAC KEYNOTES

230902 TEMPERATURE CONTROL PANEL. FINAL QUANTITY AND LOCATIONS OF CONTROL PANELS TO BE DETERMINED WITH TEMPERATURE CONTROLS CONTRACTOR. COORDINATE ELECTRICAL REQUIREMENTS.

232102 PROVIDE THERMOSTAT WITH METAL, LOCKABLE SECURITY COVER.

232105 3/4" CHWS, CHWR, HWS, HWR SERVING FCU FROM ABOVE. 3/4" CONDENSATE LINE ROUTED TO FLOOR DRAIN OR FLOOR SINK IN CHASE. REFER TO SHEET M2.2C FOR CONTINUATION.

232114 3/4" CONDENSATE LINE DOWN TO FLOOR SINK IN THE MECHANICAL ROOM. SLOPE THE LINE IN DIRECTION OF THE DRAIN. COORDINATE ROUTING WITH SECURITY/ELECTRICAL/IT EQUIPMENT IN SPACE.

232142 SOLAR THERMAL HEAT EXCHANGER (ALTERNATE BID) SERVING DOMESTIC HOT WATER. REFER TO SHEET P4.3 FOR ADDITIONAL INFORMATION. PROVIDE PIPE BRANCHES WITH SHUTOFF VALVES (BASE BID).

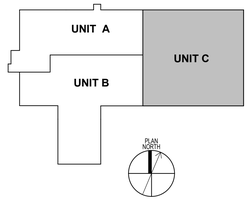
232144 PROVIDE DRIP PAN OVER TRANSFORMER LOCATED IN THE CHASE. COORDINATE EXACT LOCATION WITH ELECTRICAL DRAWINGS. ROUTE THE DRAIN LINE TO NEAREST DRAIN IN THE CHASE.

232157 SOLAR THERMAL INLINE PUMP (ALTERNATE BID) SERVING GLYCOL LOOP. REFER TO SHEET M4.4 AND M5.3 FOR ADDITIONAL INFORMATION.

232301 INSTALL REFRIGERANT LINES ON GROUND MOUNTED PIPE STANDS AS PER MANUFACTURER'S RECOMMENDATIONS. SIZED AND ROUTED AS PER MANUFACTURER'S REQUIREMENTS.

232302 COORDINATE DUCTWORK AND PIPE ROUTING WITH SECURITY/IT/ELECTRICAL EQUIPMENT IN THE ROOM.

KEYPLAN



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ARCHITECTURE • ENGINEERING • PLANNING
SURVEYING • CONSTRUCTION SERVICES
DLZ INDIANA, LLC

12/08/21
JOSHUA R. APLING
REGISTERED
PE 10010024
STATE OF INDIANA
PROFESSIONAL ENGINEER

NO.	REVISION	DATE

DRAWN: SSB
DESIGNED: SSB
CHK'D: ESA
APPRV'D: JRA
DATE: DECEMBER 20, 2021

PROJECT NUMBER
2063-1048-90

SULLIVAN COUNTY SHERIFF'S OFFICE AND CORRECTIONAL FACILITY
2357 NORTH SECTION STREET SULLIVAN, INDIANA 47882

FIRST FLOOR HYDRONIC PLAN - UNIT C

DRAWING NUMBER
M2.1C

MECHANICAL

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