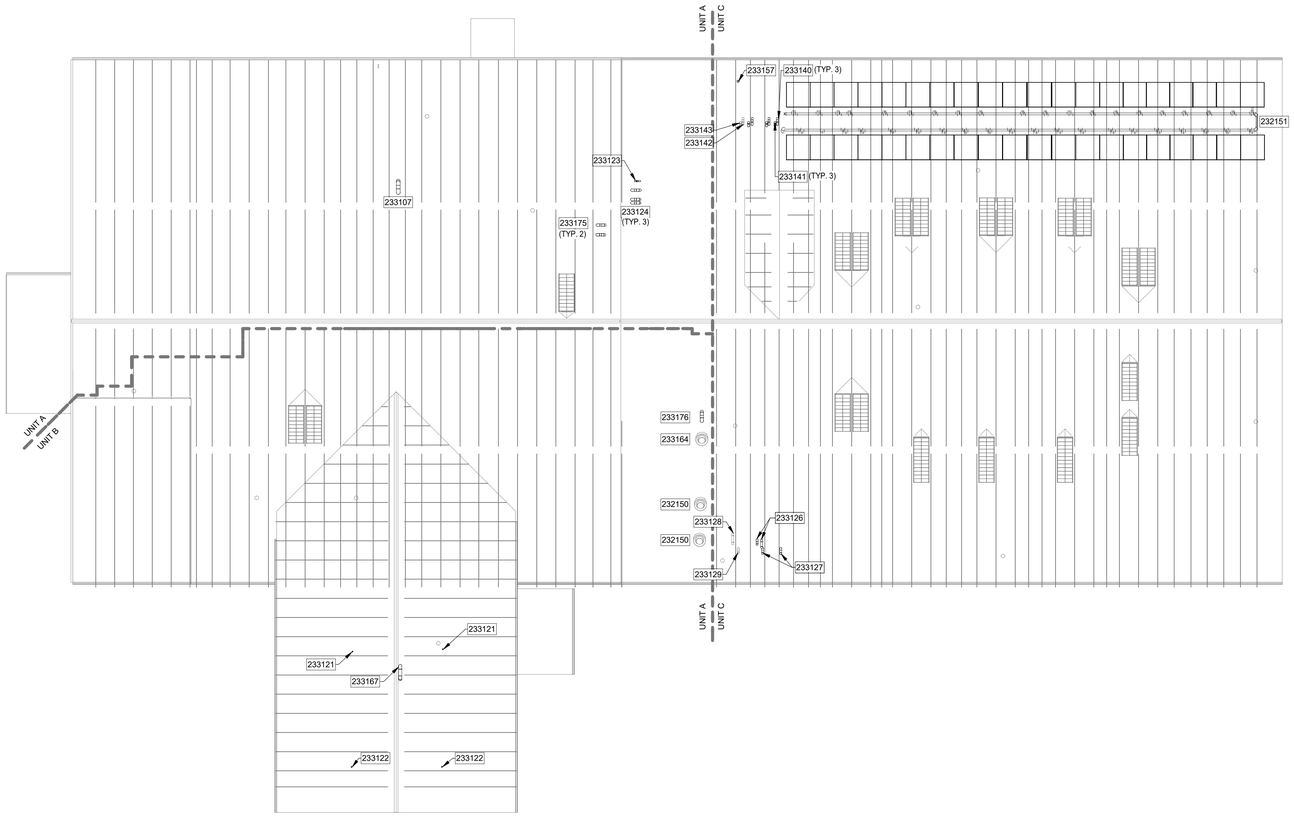


NORTH

1 **OVERALL ROOF HVAC PLAN**
SCALE: 1/16" = 1'-0"

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

232150 EXHAUST FANS SERVING KITCHEN HOOD. REFER TO FOOD SERVICE DRAWINGS FOR EXACT LOCATION.

232151 SOLAR WATER LINES SERVING PANELS. SIZE AND INSTALL AS PER MANUFACTURER'S RECOMMENDATIONS.

233107 12" EXHAUST AIR DUCT SERVING EXHAUST FAN IN EVIDENCE ROOM. PROVIDE GOOSENECK WITH A BIRD SCREEN.

233121 4" INFRARED HEATER INTAKE UP THRU ROOF. COORDINATE LOCATION WITH EQUIPMENT. PROVIDE AIR CAP AND BIRDSCREEN.

233122 4" INFRARED HEATER EXHAUST FLUE THROUGH ROOF. COORDINATE LOCATION WITH EQUIPMENT. PROVIDE VENT CAP.

233123 4" DRYER EXHAUST VENT THROUGH THE ROOF. PROVIDE GOOSENECK. COORDINATE LOCATION WITH THE EQUIPMENT. PROVIDE CLEANOUT FOR DRYER VENT RISER. CLEANOUT TO BE INSTALLED AT THE BOTTOM OF THE RISER OR 24" ABOVE FINISHED FLOOR.

233124 8" DRYER EXHAUST VENT THROUGH THE ROOF. PROVIDE GOOSENECK. COORDINATE LOCATION WITH THE EQUIPMENT. PROVIDE CLEANOUT FOR DRYER VENT RISER. CLEANOUT TO BE INSTALLED AT THE BOTTOM OF THE RISER OR 24" ABOVE FINISHED FLOOR.

233126 6" BOILER INTAKE UP THRU ROOF. COORDINATE LOCATION WITH EQUIPMENT. PROVIDE GOOSENECK AND BIRDSCREEN.

233127 6" BOILER EXHAUST FLUE UP THRU ROOF. COORDINATE LOCATION WITH EQUIPMENT. PROVIDE VENT CAP AND BIRDSCREEN.

233128 PROVIDE ROOF CURB FOR FUTURE 6" BOILER INTAKE. CAP AND SEAL WATER TIGHT.

233129 PROVIDE ROOF CURB FOR FUTURE 6" BOILER EXHAUST FLUE. CAP AND SEAL WATER TIGHT.

233140 6" WATER HEATER INTAKE UP THRU ROOF. COORDINATE LOCATION WITH EQUIPMENT. PROVIDE GOOSENECK AND BIRDSCREEN.

233141 6" WATER HEATER EXHAUST FLUE UP THRU ROOF. COORDINATE LOCATION WITH EQUIPMENT. PROVIDE VENT CAP.

233142 PROVIDE ROOF CURB FOR FUTURE 6" WATER HEATER INTAKE. CAP AND SEAL WATER TIGHT.

233143 PROVIDE ROOF CURB FOR FUTURE 6" WATER HEATER EXHAUST FLUE. CAP AND SEAL WATER TIGHT.

233157 8" EA DUCT SERVING EXHAUST FAN BELOW. PROVIDE GOOSENECK WITH BIRD SCREEN.

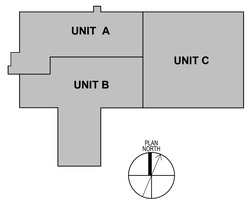
233164 EXHAUST FAN SERVING DISHWASHER BELOW. REFER TO FOOD SERVICE DRAWINGS FOR EXACT LOCATION.

233167 10" EXHAUST AIR DUCT SERVING EXHAUST FAN (EF-2) BELOW. COORDINATE LOCATION WITH EQUIPMENT. PROVIDE GOOSENECK AND BIRD SCREEN.

233175 VENT SERVING LAUNDRY MAKEUP AIR UNIT ON THE FLOOR BELOW. SIZE AND INSTALL AS PER MANUFACTURER'S RECOMMENDATIONS. COORDINATE LOCATION WITH EQUIPMENT BELOW.

233176 VENT SERVING KITCHEN MAKEUP AIR UNIT ON THE FLOOR BELOW. SIZE AND INSTALL AS PER MANUFACTURER'S RECOMMENDATIONS. COORDINATE LOCATION WITH EQUIPMENT BELOW.

KEYPLAN



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

12/08/21
JOSHUA R. APKING REGISTERED PE 880020 STATE OF INDIANA PROFESSIONAL ENGINEER

NO.	REVISION	DATE

DRAWN: SSB
DESIGNED: SSB
CHK'D: ESA
APPR'VD: 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

OVERALL ROOF HVAC PLAN

DRAWING NUMBER
M1.3

MECHANICAL

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