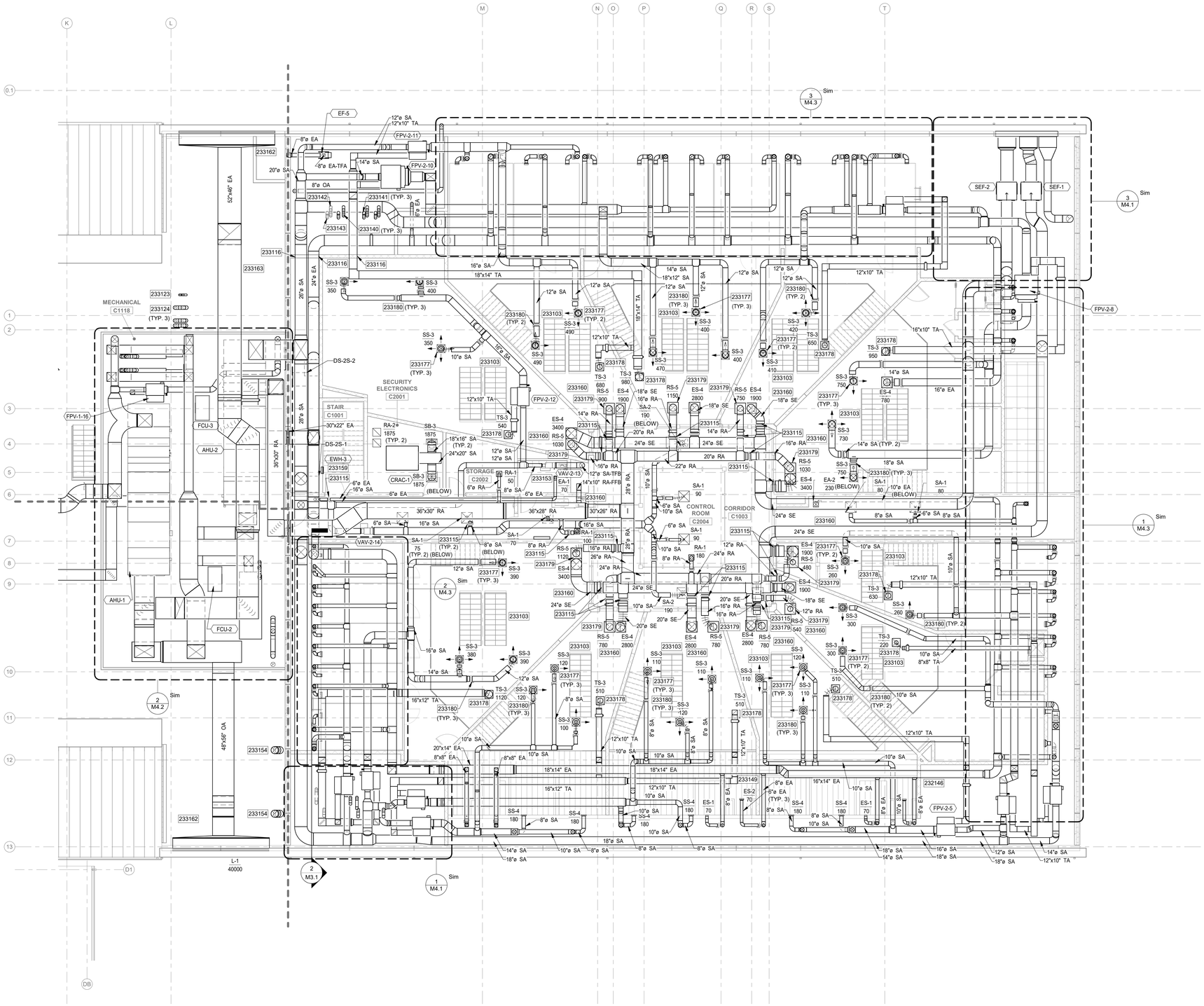


1 MEZZANINE DUCTWORK PLAN - UNIT C
SCALE: 1/8" = 1'-0"

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 A0.5 AND A0.6 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

HVAC KEYNOTES

232146 COORDINATE DUCTWORK AND PIPE ROUTING WITH ELECTRICAL EQUIPMENT IN SPACE.

233103 LINE OF SKYLIGHT TO BE UNENCUMBERED BY DUCTWORK.

233115 PROVIDE REMOTE DAMPER OPERATORS FOR SECURITY DIFFUSERS NOT AVAILABLE WITH INTEGRAL, FRONT OPERATED VOLUME DAMPERS. REMOTE OPERATOR TO BE PROVIDED FOR VOLUME DAMPERS LOCATED ABOVE SECURITY CEILINGS WITHOUT NEARBY ACCESS DOOR. THE OPERATOR SHALL BE PROVIDED WITH A FLUSH CEILING MOUNTED COVERPLATE WITH SECURITY SCREWS.

233116 PROVIDE SECURITY BARS. SEE SPECIFICATION 23 33 00.

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.

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.

233149 TRANSFER AIR ELBOW WITHOUT TURNING VANES.

233153 PROVIDE FRONT OPERATED DAMPER TO ALLOW FOR BALANCING AT THE AIR TERMINAL.

233154 16" EXHAUST AIR DUCTS DOWN FROM KITCHEN EXHAUST FAN SERVING KITCHEN EXHAUST HOOD. COORDINATE DROPS WITH HOOD EXHAUST AIR CONNECTIONS, ADJOINING STRUCTURE, PIPING AND DUCTWORK.

233159 ELECTRIC WALL HEATER TO BE SURFACE MOUNTED.

233160 CONTRACTOR TO COORDINATE ROUTING IN THE SPACE WITH COLD FORMED STEEL TRUSSES TO AVOID PENETRATIONS THROUGH PRECAST WALLS. ROUTING OF TRADE ELEMENTS SHOWN ON THE PLANS ARE DIAGRAMMATIC AND MUST BE COORDINATED WITH COLD-FORMED STEEL TRUSS SUPPLIER AND THEIR STRUCTURAL TRUSS ELEMENT REQUIREMENTS.

233162 PROVIDE 24" DEEP PLENUM AT THE LOUVER. BOTTOM OF PLENUM TO SLOPE TOWARDS LOUVER.

233163 PROVIDE DRIP PAN AT LOCATIONS WHERE DUCT ROUTING IS ABOVE ELECTRICALIT EQUIPMENT IN SPACE. ROUTE CONDENSATE LINE FROM THE PANS TO NEAREST FLOOR SINK OR DRAIN. SLOPE THE PIPING IN DIRECTION OF THE DRAIN. COORDINATE ROUTING WITH ELECTRICAL EQUIPMENT IN SPACE.

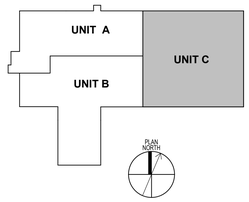
233177 USE SS-2 IN LIEU EXISTING SUPPLY AIR TERMINAL FOR ALTERNATE BID.

233178 USE TS-2 IN LIEU OF EXISTING TRANSFER AIR TERMINAL FOR ALTERNATE BID.

233179 USE RS-4 IN LIEU EXISTING RETURN AIR TERMINAL FOR ALTERNATE BID.

233180 PROVIDE REMOTE DAMPER OPERATORS FOR SECURITY DIFFUSERS NOT AVAILABLE WITH INTEGRAL, FRONT OPERATED VOLUME DAMPERS. REMOTE OPERATOR TO BE PROVIDED FOR VOLUME DAMPERS LOCATED ABOVE SECURITY CEILINGS WITHOUT NEARBY ACCESS DOOR. THE OPERATOR SHALL BE PROVIDED WITH A FLUSH CEILING MOUNTED COVERPLATE WITH SECURITY SCREWS (ALTERNATE BID). PROVIDE MANUAL VOLUME DAMPERS FOR BASE BID (TECTUM CEILINGS).

KEYPLAN



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

12/08/21
JOSHUA R. APLING
REGISTERED
PE 10100224
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

MEZZANINE DUCTWORK PLAN - UNIT C

DRAWING NUMBER
M1.2C

MECHANICAL

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