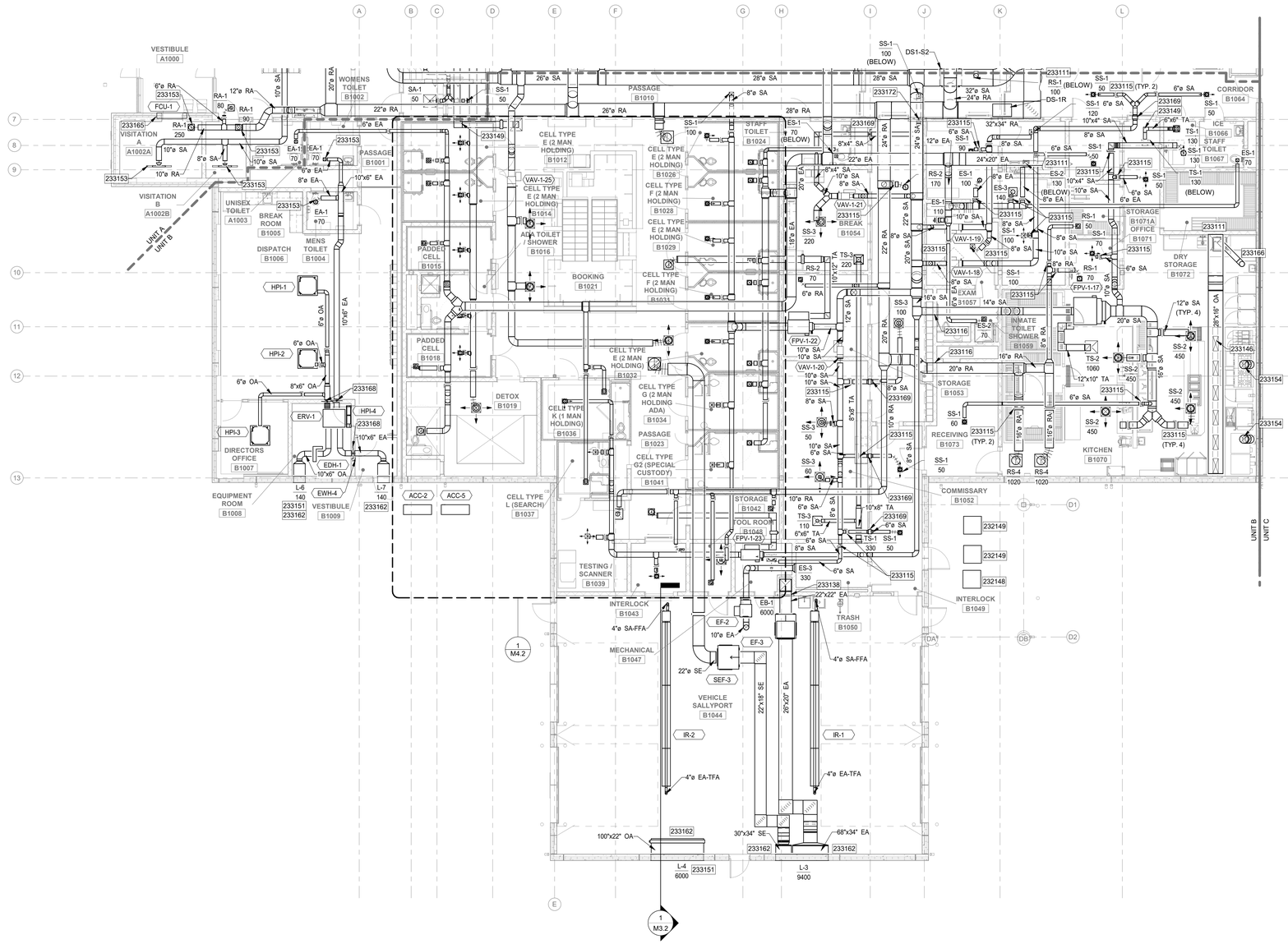


NORTH

1 FIRST FLOOR DUCTWORK PLAN - UNIT B
SCALE: 1/8" = 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 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

232148 CONDENSING UNIT SERVING WALK IN FREEZER LOCATED ON CANOPY. REFER TO FOOD SERVICE DRAWINGS FOR EXACT LOCATION.

232149 CONDENSING UNIT SERVING WALK IN COOLER LOCATED ON CANOPY. REFER TO FOOD SERVICE DRAWINGS FOR EXACT LOCATION.

233111 REFER TO SHEET M1.2C FOR CONTINUATION.

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.

233138 BOTTOM OF GRILLE TO BE LOCATED 8" A.F.F.

233146 28"X10" MAKE-UP AIR DUCTS SERVING KITCHEN EXHAUST HOOD. COORDINATE DROPS WITH HOOD MAKE UP AIR CONNECTIONS ADJOINING STRUCTURE, PIPING AND DUCTWORK (TYP. 6).

233149 TRANSFER AIR ELBOW WITHOUT TURNING VANES.

233151 OUTSIDE AIR INTAKE TO BE MINIMUM 10'-0" AWAY FROM ANY EXHAUST OUTLET.

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.

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

233165 UNIT TO BE MOUNTED 10'-6" AFF FLUSH WITH FACE OF VESTIBULE WALL.

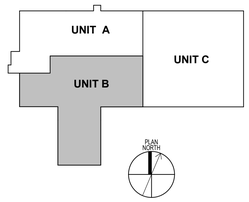
233166 10" DUCT SERVING DISHWASHER UPTO THE EXHAUST FAN MOUNTED ON THE ROOF. COORDINATE DUCTWORK LAYOUT AND EQUIPMENT LOCATION WITH FOOD SERVICE DRAWINGS AND EQUIPMENT.

233168 PROVIDE FIRE DAMPER AS PER DIV 23 SPECIFICATIONS.

233169 PROVIDE SMOKE DAMPER AS PER DIVISION 23 SPECIFICATIONS.

233172 PROVIDE SMOKE DAMPER IN SUPPLY DUCT BELOW AS PER DIVISION 23 SPECIFICATIONS.

KEYPLAN



DLZ
ARCHITECTURE • ENGINEERING • PLANNING
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DLZ INDIANA, LLC

12/08/21
JOSHUA R. ARKING REGISTERED PE 19900024 STATE OF INDIANA PROFESSIONAL ENGINEER

NO.	REVISION	DATE

DRAWN: SSB CHK'D: ESA
DESIGNED: SSB
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 DUCTWORK PLAN - UNIT B

DRAWING NUMBER
M1.1B

MECHANICAL

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