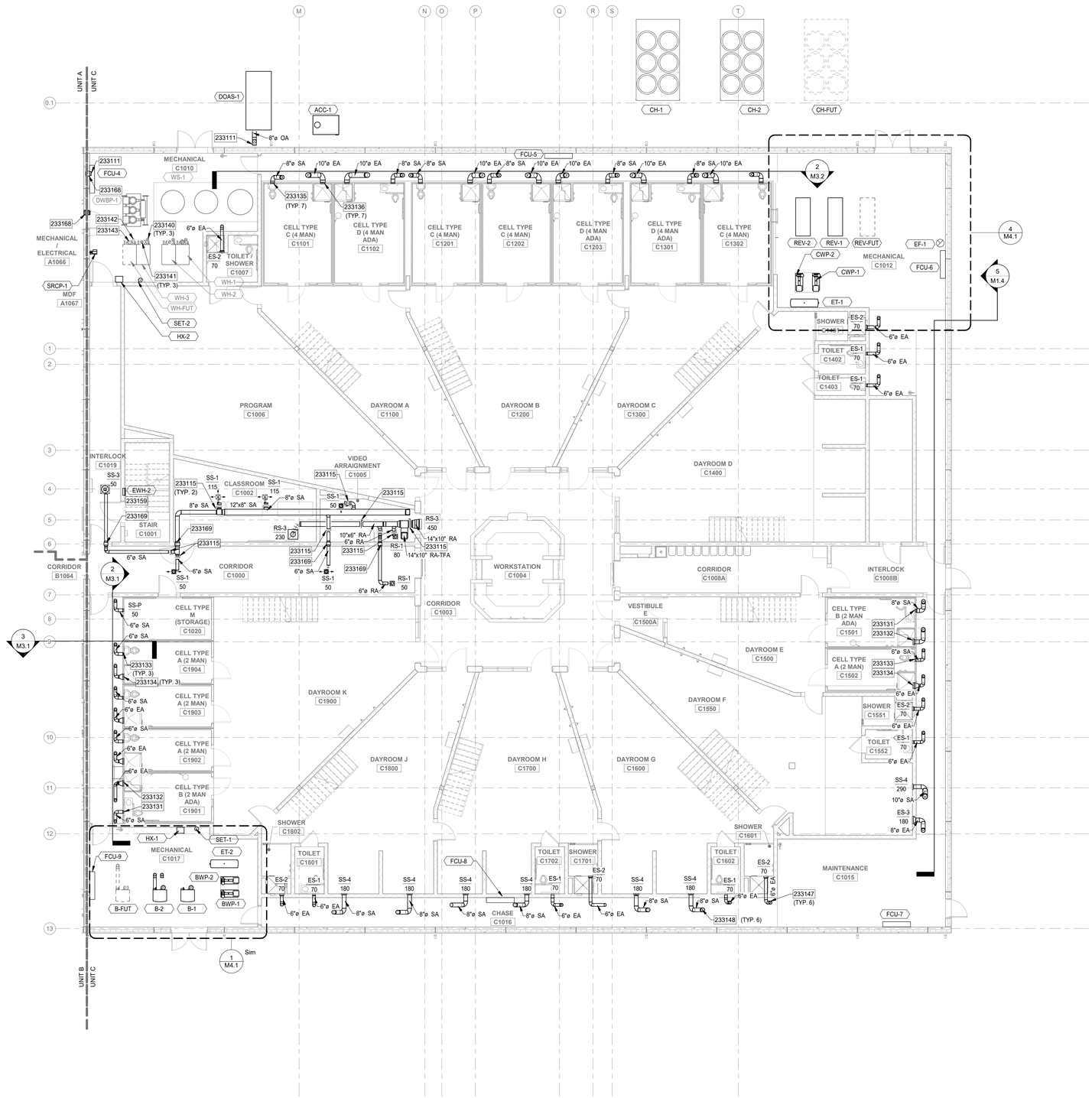


1 FIRST FLOOR DUCTWORK PLAN - UNIT C
SCALE: 1/8" = 1'-0"

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

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.

233131 PROVIDE TRANSITION AND CONNECT 8" SA DUCT TO SUPPLY CONNECTION PROVIDED BY PREFABRICATED CELL MANUFACTURER. COORDINATE EXACT LOCATION WITH CELL MANUFACTURER. PROVIDE VOLUME DAMPER AND BALANCE TO 110 CFM.

233132 PROVIDE TRANSITION AND CONNECT 8" EA DUCT TO EXHAUST CONNECTION PROVIDED BY PREFABRICATED CELL MANUFACTURER. COORDINATE EXACT LOCATION WITH CELL MANUFACTURER. PROVIDE VOLUME DAMPER AND BALANCE TO 120 CFM.

233133 PROVIDE TRANSITION AND CONNECT 6" SA DUCT TO SUPPLY CONNECTION PROVIDED BY PREFABRICATED CELL MANUFACTURER. COORDINATE EXACT LOCATION WITH CELL MANUFACTURER. PROVIDE VOLUME DAMPER AND BALANCE TO 90 CFM.

233134 PROVIDE TRANSITION AND CONNECT 6" EA DUCT TO EXHAUST CONNECTION PROVIDED BY PREFABRICATED CELL MANUFACTURER. COORDINATE EXACT LOCATION WITH CELL MANUFACTURER. PROVIDE VOLUME DAMPER AND BALANCE TO 100 CFM.

233135 PROVIDE TRANSITION AND CONNECT 8" SA DUCT TO SUPPLY CONNECTION PROVIDED BY PREFABRICATED CELL MANUFACTURER. COORDINATE EXACT LOCATION WITH CELL MANUFACTURER. PROVIDE VOLUME DAMPER AND BALANCE TO 180 CFM.

233136 PROVIDE TRANSITION AND CONNECT 8" EA DUCT TO EXHAUST CONNECTION PROVIDED BY PREFABRICATED CELL MANUFACTURER. COORDINATE EXACT LOCATION WITH CELL MANUFACTURER. PROVIDE VOLUME DAMPER AND BALANCE TO 200 CFM.

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.

233147 6" EXHAUST AIR DUCT FROM FLOOR ABOVE. CONNECT TO AIR TERMINAL AND BALANCE TO CFM SHOWN ON THE PLANS.

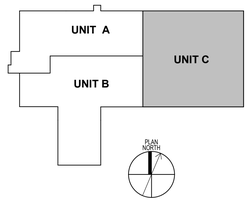
233148 8" SUPPLY AIR DUCT FROM FLOOR ABOVE. CONNECT TO AIR TERMINAL AND BALANCE TO CFM SHOWN ON THE PLANS.

233159 ELECTRIC WALL HEATER TO BE SURFACE MOUNTED.

233168 PROVIDE FIRE DAMPER AS PER DIV 23 SPECIFICATIONS.

233169 PROVIDE SMOKE DAMPER AS PER DIVISION 23 SPECIFICATIONS.

KEYPLAN



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

12/08/21
JOSHUA R. APLING
REGISTERED
PE 10810224
STATE OF INDIANA
PROFESSIONAL ENGINEER

NO.	REVISION	DATE

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

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 C

DRAWING NUMBER
M1.1C

MECHANICAL

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