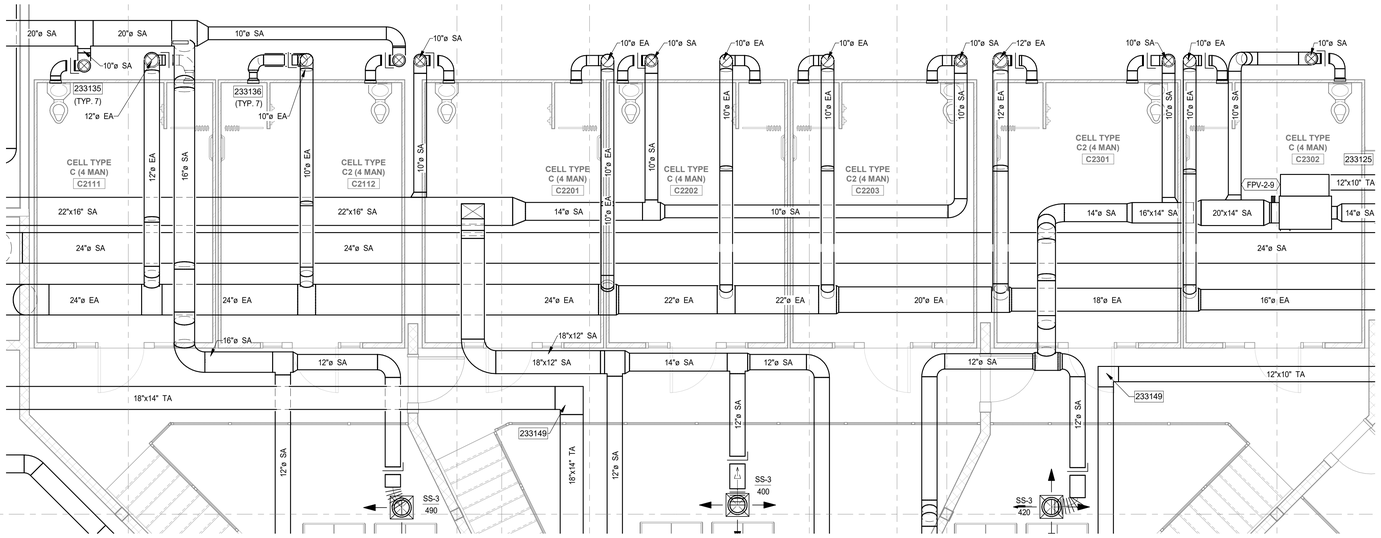
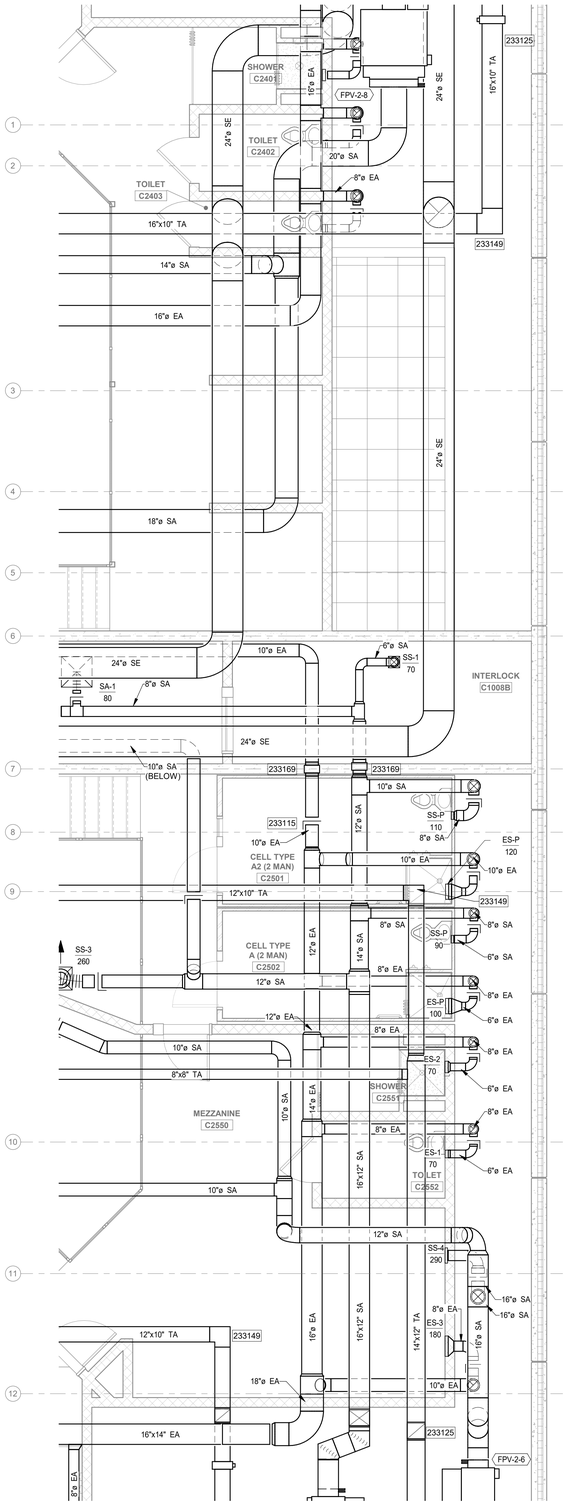
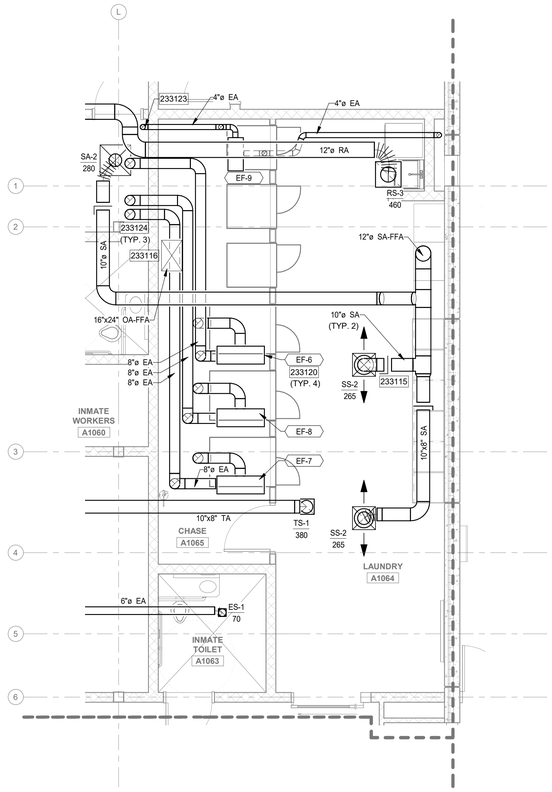


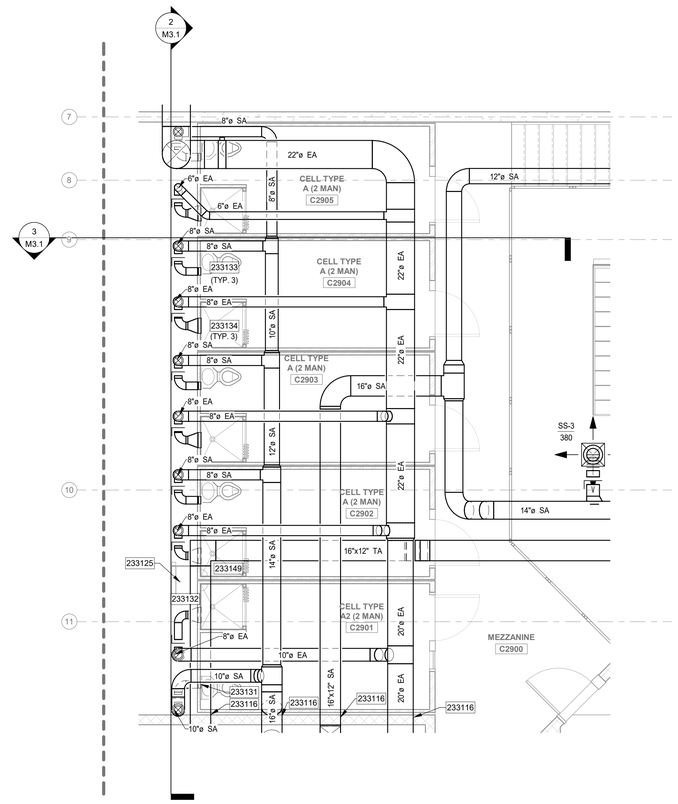
3 ENLARGED MEZZANINE DUCTWORK PLAN - NORTH CHASE
SCALE: 1/4" = 1'-0"
NORTH



1 ENLARGED MEZZANINE DUCTWORK PLAN - EAST CHASE
SCALE: 1/4" = 1'-0"
NORTH



4 ENLARGED LAUNDRY ROOM HVAC PLAN
SCALE: 1/4" = 1'-0"
NORTH



2 ENLARGED MEZZANINE DUCTWORK PLAN - WEST CHASE
SCALE: 1/4" = 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

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.

233120 PROVIDE CLEANOUTS ON INLET AND OUTLET OF DRYER BOOSTER FAN.

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.

233125 ALL DUCTWORK LAYOUTS TO BE COORDINATED WITH LADDER TO MEET REQUIRED CLEARANCES FOR PERSONNEL ACCESS.

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.

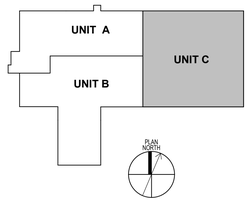
233135 PROVIDE TRANSITION AND CONNECT 8" SA DUCT TO SUPPLY CONNECTION PROVIDED BY PREFABRICATED CELL MANUFACTURER. COORDINATE EXACT LOCATION WITH CELL MANUFACTURER. PROVIDE VOLUME DAMPER AND BALANCE TO 180 CFM.

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.

233149 TRANSFER AIR ELBOW WITHOUT TURNING VANES.

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 10100024 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
ENLARGED PLANS - III

DRAWING NUMBER
M4.3
MECHANICAL

C:\Users\sbhatt\Documents\2063-1048-90 Sullivan County Jail - Mech_sbhatt6T6FS.rvt
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