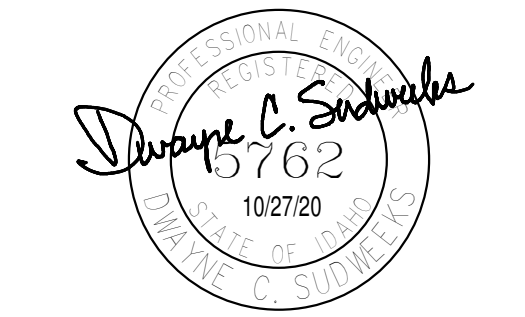


**1 MECHANICAL DEMOLITION PLAN**  
 MD100 1/8" = 1'-0"

**PLAN NOTES:**

- 1 EXISTING DIFFUSER OR GRILLE TO REMAIN. PROTECT DURING CONSTRUCTION AND MAINTAIN CONNECT TO EXISTING DUCTWORK AND EXISTING FAN COIL UNIT LOCATED IN MEZZANINE MECHANICAL ROOM.
- 2 EXISTING MAIN SUPPLY AIR TRUNK DUCTWORK IN CEILING SPACE TO REMAIN UNLESS NOTED OTHERWISE. CONTRACTOR TO FIELD VERIFY EXACT SIZES AND LOCATION OF EXISTING DUCTWORK. REFER TO SHEET M101 FOR NEW BRANCH DUCTS TO BE CONNECTED TO EXISTING TRUNK DUCTS.
- 3 EXISTING FLOOR GRILLE AND BOOT TO REMAIN. PROTECT DURING CONSTRUCTION. KEEP GRILLE AND BOOT CLEAN OF ANY DEBRIS.
- 4 DISCONNECT AND REMOVE EXISTING CEILING MOUNTED EXHAUST FANS AND DUCTS THRU EXTERIOR WALL. REFER TO ARCHITECTURAL DRAWINGS FOR PATCHING OF EXISTING WALLS.
- 5 DISCONNECT AND RETAIN EXISTING CEILING DIFFUSER. REMOVE EXISTING BRANCH DUCT BACK TO MAIN TRUNK DUCT. REFER TO SHEET M101 FOR NEW LOCATION OF EXISTING DIFFUSER AND NEW BRANCH DUCT.
- 6 DISCONNECT AND REMOVE EXISTING CEILING DIFFUSER. REMOVE EXISTING BRANCH DUCT BACK TO MAIN TRUNK DUCT. REFER TO SHEET M101 FOR NEW DIFFUSERS AND BRANCH DUCTS.
- 7 REMOVE EXISTING FLOOR GRILLE AND BOOT. REFER TO SHEET M101 FOR NEW FLOOR GRILLES TO BE INSTALLED. COORDINATE PATCHING OF EXISTING CONCRETE FLOOR WITH GENERAL CONTRACTOR. REFER TO ARCHITECTURAL SHEETS. SEAL ALL UNDERFLOOR DUCTS AIR TIGHT. SEE FOUNDATION PLAN ON SHEET P100.
- 8 REMOVE EXISTING WALL MOUNTED THERMOSTAT OR SENSOR. EXTEND EXISTING CONTROL WIRING AND CONDUIT AS REQUIRED FOR NEW SENSOR LOCATIONS. REFER TO SHEET M101 FOR NEW SENSOR LOCATIONS. NEW SENSOR TO BE COMPATIBLE WITH JCI MEDSYS'S VERSION 10. CONNECT NEW SENSOR TO EXISTING CORRESPONDING FAN COIL IN MEZZANINE MECHANICAL ROOM AND TO BUILDING (CAMPUS) CONTROL SYSTEM.
- 9 DISCONNECT AND REMOVE EXISTING STEAM UNIT HEATER. FINITURE HEATER AND/OR STEAM COIL IN DUCT AND ALL ASSOCIATED PIPING, AND SUPPORTS. FIELD VERIFY EXACT LOCATIONS, SIZES AND PIPING CONFIGURATIONS. CAP PIPING WHICH REMAINS.
- 10 EXISTING STEAM FINITURE HEATER, UNIT HEATER AND/OR STEAM COIL IN DUCT AND ALL ASSOCIATED PIPING AND SUPPORTS. FIELD VERIFY EXACT LOCATIONS, SIZES AND PIPING CONFIGURATIONS. MAINTAIN OPERATION DURING CONSTRUCTION. REFER TO SHEET M101 FOR NEW CONTROL LOCATIONS.
- 11 DISCONNECT AND RETAIN EXISTING STEAM UNIT HEATER. REMOVE ALL EXISTING PIPING AS SHOWN. REFER TO SHEET M101 FOR NEW LOCATIONS AND PIPING TO RELOCATED UNIT HEATERS.
- 12 DISCONNECT AND REMOVE EXISTING STEAM AND CONDENSATE RETURN LINES TO EXISTING EQUIPMENT. CONTRACTOR TO FIELD VERIFY EXACT SIZES AND LOCATIONS OF EXISTING STEAM SYSTEM PIPING.
- 13 EXISTING STEAM AND CONDENSATE RETURN LINES RISING UP FROM BELOW FLOOR ARE TO REMAIN. PROTECT EXISTING PIPING DURING CONSTRUCTION. EXISTING STEAM VENT THRU ROOF TO REMAIN. EXISTING STEAM AND CONDENSATE RETURN PIPING NEAR ROOF TO REMAIN UNLESS NOTED OTHERWISE. FIELD VERIFY EXACT LOCATION OF PIPING AND PROTECT DURING CONSTRUCTION.
- 14 EXISTING FINITURE HEATERS TO REMAIN. LEAVE ZONE PIPING SHUT-OFF. NO WORK REQUIRED.
- 15 DISCONNECT AND REMOVE EXISTING DUCTWORK AS INDICATED. SEAL ENDS OF DUCTWORK TO REMAIN. REFER TO SHEET M101 FOR NEW DUCTWORK TO BE INSTALLED AND CONNECTED TO EXISTING DUCTWORK AND/OR EXISTING FAN COIL UNITS IN MEZZANINE MECHANICAL ROOM.
- 16 EXISTING SNOW MELT PIPING IN CONCRETE TO REMAIN. DISCONNECT AND REMOVE EXISTING PIPING MANIFOLDS AND METAL COVERS BELOW GRADE. REFER TO ARCHITECTURAL DRAWINGS FOR PATCHING OF EXISTING CONCRETE PAD.
- 17 ALL EXISTING EXPOSED SNOW MELT PIPING OUTSIDE BUILDING AND INSIDE BUILDING TO BE REMOVED. FIELD VERIFY EXACT SIZES AND LOCATIONS OF EXISTING PIPING.
- 18 EXISTING ROOF TOP COOLING UNIT AND ROOF CURB TO REMAIN. EXISTING DUCT THRU ROOF AND CONCENTRIC DIFFUSER TO REMAIN. PROTECT EQUIPMENT AND DUCTWORK DURING CONSTRUCTION.
- 19 EXISTING COURTSIDE AIR LOUVERS IN WALL TO BE REMOVED. REFER TO ARCHITECTURAL DRAWINGS FOR PATCHING OF EXISTING WALLS.
- 20 CUT EXISTING 20" SUPPLY AIR DUCT AFTER EXISTING DIFFUSER. CAP AND SEAL END OF DUCT AIR TIGHT. REMOVE UNUSED PORTION OF DUCTWORK.
- 21 DISCONNECT AND REMOVE EXISTING FAN COIL UNIT AND ALL ASSOCIATED HOT WATER AND/OR STEAM SYSTEM PIPING BACK TO MEZZANINE MECHANICAL ROOM.
- 22 REFER TO MEZZANINE PLANS ON SHEET M102 FOR CONTINUATION OF EXISTING STEAM PIPING AND DUCTWORK.
- 23 DISCONNECT AND REMOVE EXISTING STEAM HUMIDIFIER. ALL ASSOCIATED STEAM SYSTEM PIPING, AND WALL MOUNTED HUMIDISTAT. CONTRACTOR TO FIELD VERIFY EXACT SIZES AND LOCATIONS OF EXISTING HUMIDIFIERS AND PIPING.
- 24 REMOVE ALL EXISTING EXHAUST GRILLES AND DUCTWORK REFER TO SHEET M101 FOR NEW GRILLES AND DUCTWORK TO BE INSTALLED IN NEW TOILET TOOMS.
- 25 DISCONNECT AND REMOVE EXISTING ROOF MOUNTED EXHAUST FAN CAP EXISTING CURB WITH SHEET METAL AND SEAL WATER TIGHT.
- 26 DISCONNECT AND REMOVE EXISTING 8" ROUND DUCT THRU ROOF. EXISTING HOLE THRU ROOF MAY BE UTILIZED FOR NEW REFRIGERANT PIPING. REFER TO SHEET M101 FOR NEW SPLIT SYSTEM AND REFRIGERANT PIPING BEING INSTALLED AND TO DETAIL N1801 FOR TYPICAL PIPING THRU ROOF.
- 27 DISCONNECT AND REMOVE EXISTING MIN SPLIT A/D SYSTEM FROM WALL AND ABOVE ROOF. CAPTURE ALL R22 REFRIGERANT AS PER CODE REQUIREMENTS. DELIVER EXISTING UNIT AND EXISTING REFRIGERANT TO OWNER.
- 28 EXISTING WALL MOUNTED ELECTRIC HEATER TO REMAIN. PROTECT DURING CONSTRUCTION.
- 29 EXISTING ROOF MOUNTED UNIT AND ROOF CURB TO REMAIN. PROTECT DURING CONSTRUCTION.

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**MECHANICAL DEMOLITION PLAN**

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