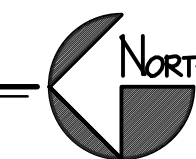


PART 4 - MECHANICAL FLOOR PLAN

SCALE: 1/8" = 1'-0"

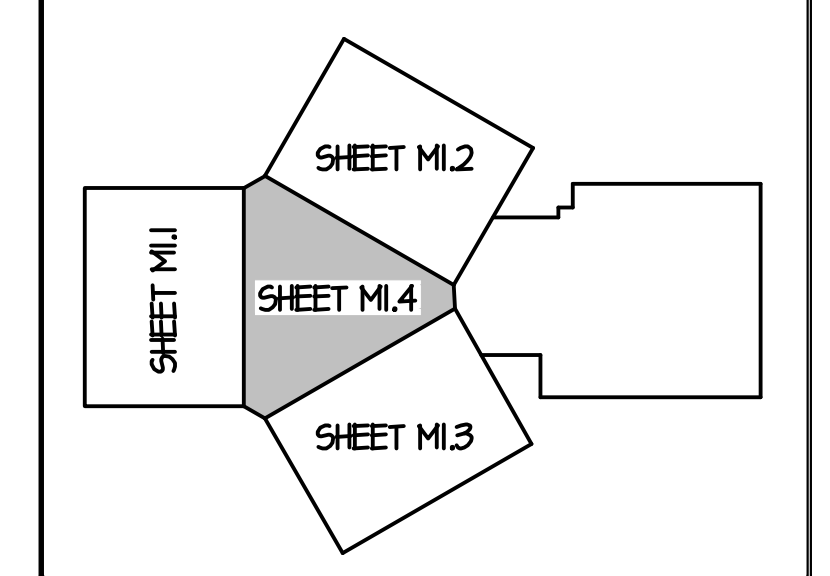


PLAN NOTES:

- 1 EXISTING CEILING MOUNTED UNIT HEATER TO REMAIN. REMOVE ALL PNEUMATIC CONTROLS FROM EXISTING UNIT AND PROVIDE NEW DIGITAL CONTROLS AS REQUIRED FOR NEW BUILDING DDG SYSTEM. CONTRACTOR TO FIELD VERIFY EXACT LOCATIONS OF EXISTING EQUIPMENT. REMOVE ALL EXISTING PNEUMATIC TUBING IN BUILDING WHERE ACCESSIBLE. REPLACE EXISTING WALL MOUNTED THERMOSTAT WITH NEW DIGITAL SENSOR AND CONNECT TO EXISTING UNIT HEATER AND TO NEW BUILDING CONTROL SYSTEM. SEE SPECIFICATIONS.
- 2 BASE BID: REPLACE EXISTING VAV BOX AND HOT WATER RE-HEAT COIL WITH NEW AS SPECIFIED. REPLACE EXISTING FLEX HOSES AT EACH UNIT. EXTEND EXISTING HIGH PRESSURE DUCT AND LOW PRESSURE DUCTS AS REQUIRED FOR CONNECTION TO NEW EQUIPMENT. EXTEND EXISTING HYDRONIC PIPING AS REQUIRED FOR NEW COIL LOCATION. REMOVE ALL PNEUMATIC CONTROLS FROM EXISTING BOX AND PROVIDE NEW DIGITAL CONTROLS AS REQUIRED FOR NEW BUILDING DDG SYSTEM. SEE SPECIFICATIONS. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS, SIZES AND LOCATIONS OF EXISTING PIPING AND DUCTWORK, AND SPACE AVAILABLE ABOVE CEILING. CONTRACTOR TO FIELD VERIFY EXACT LOCATIONS OF EXISTING EQUIPMENT. REMOVE ALL EXISTING PNEUMATIC TUBING IN BUILDING WHERE ACCESSIBLE.

ALTERNATE BID ITEM #3: MOUNT NEW VAV BOX JUST ABOVE CEILING UNDER ALTERNATE BID. EXTEND HIGH PRESSURE AND LOW PRESSURE DUCTWORK DOWN AS REQUIRED TO CONNECT FOR NEW BOX LOCATION. EXTEND HYDRONIC PIPING DOWN TO NEW BOX LOCATION. CONTRACTOR TO FIELD VERIFY ALL EXISTING PIPING AND DUCT SIZES AND SPACE AVAILABLE FOR NEW BOX LOCATIONS.
- 3 RE-BALANCE EXISTING DIFFUSER TO CFM AS SHOWN. FIELD VERIFY EXISTING CONDITIONS.
- 4 DISCONNECT AND REMOVE EXISTING WALL MOUNTED PNEUMATIC THERMOSTAT. ABANDON CONTROL TUBING IN WALLS. PROVIDE AND INSTALL NEW WALL MOUNTED DIGITAL ROOM SENSOR. RISE CONTROL WIRING UP IN WALLS TO ABOVE CEILING AND CONNECT TO CORRESPONDING VAV BOX WITH RE-HEAT COIL. CONTRACTOR TO FIELD VERIFY EXACT LOCATIONS OF EXISTING EQUIPMENT.
- 5 EXISTING SUPPLY AND RETURN DUCTWORK ABOVE CEILING TO REMAIN UNLESS NOTED OTHERWISE. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS AND SIZES AND LOCATIONS OF ALL EXISTING DUCTWORK.

KEY PLAN:



ORIGINAL DRAWING SIGNED BY: DWAYNE C. SUDNEEKS
 DATE ORIGINAL SIGNED: Feb 19, 2019
 ORIGINAL ON FILE AT ENGINEERED SYSTEMS ASSOCIATES
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PROJECT: MADISON MIDDLE SCHOOL A/C
 MADISON COUNTY SCHOOL DISTRICT # 921
 REXBURG, IDAHO
 DRAWING TITLE: PART 4 - MECHANICAL FLOOR PLAN

#	DATE	COMMENT

DRAWN BY: M. JENSEN JOB NO: 746
 CHECKED BY: DATE: FEB 2019
 PLOT DATE: Feb 19, 2019
 DRAWING NO. FILE: 16050-M1.4.dwg
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 OF 7

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