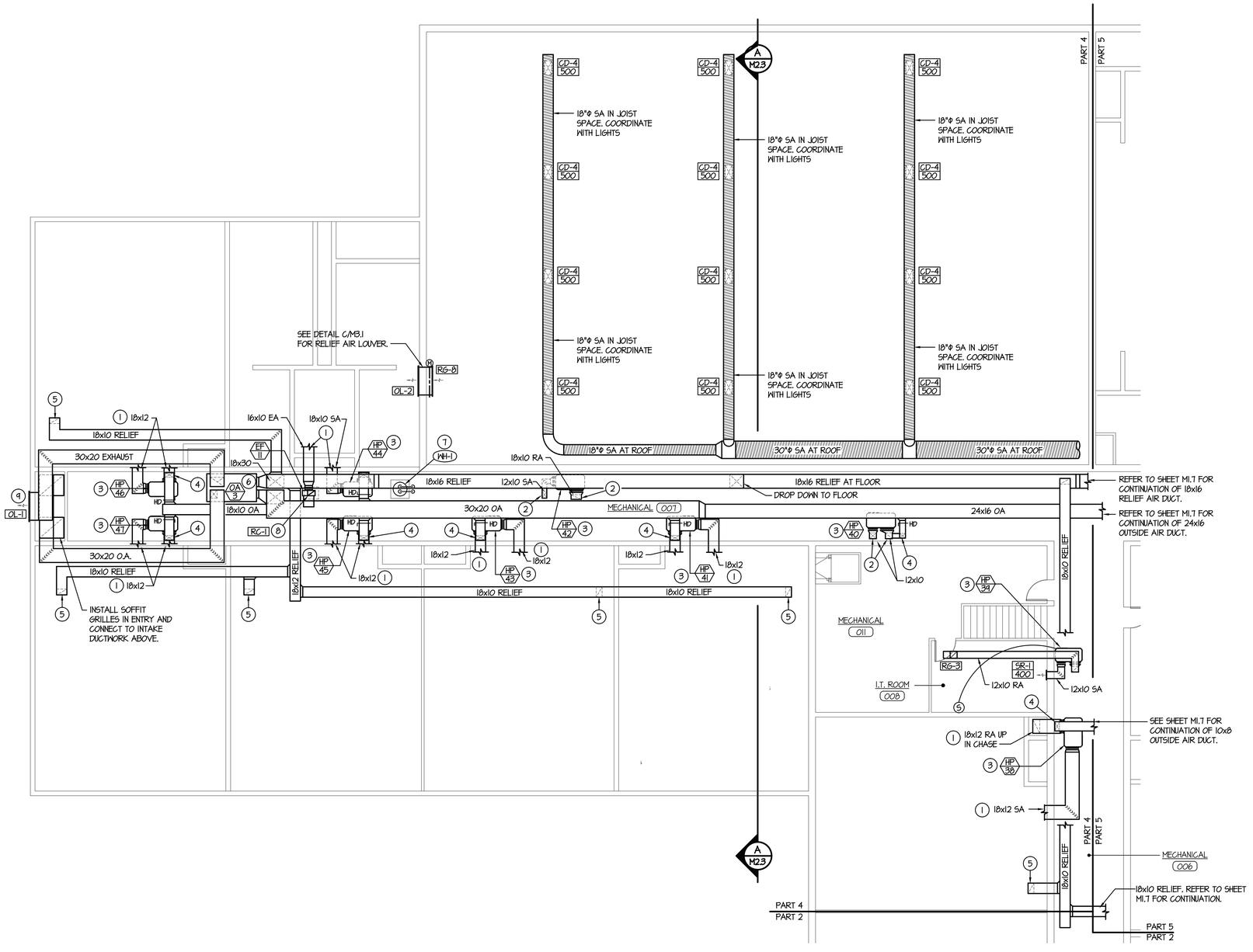


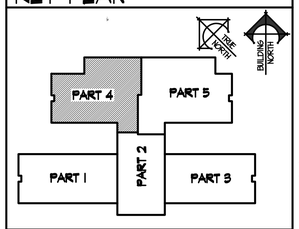
MEZZANINE LEVEL MECHANICAL FLOOR PLAN - PART 4

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

PLAN NOTES:

1. SEE MAIN LEVEL FLOOR PLAN - SHEET M1.4 FOR CONTINUATION OF DUCTWORK.
2. DROP DUCTWORK DOWN THRU MECH. ROOM FLOOR SEE MAIN LEVEL FLOOR PLAN - SHEET M1.4 FOR CONTINUATION.
3. HANG HEAT PUMPS FROM TRUSSES 36" ABOVE MECHANICAL CORRIDOR FLOOR. INSTALL DRIP PAN BELOW EACH UNIT. (TYPICAL) SEE DETAIL C/M3.2
4. DROP OUTSIDE AIR DUCT DOWN AND CONNECT TO RETURN AIR DUCT. PROVIDE MANUAL BALANCING DAMPER IN EACH OUTSIDE AIR DUCT CONNECTION. REFER TO OUTSIDE AIR REQUIREMENT SCHEDULE (SHEET M3.4) FOR DUCT SIZES TO INDIVIDUAL HEAT PUMPS.
5. CONNECT 18x10 RELIEF AIR DUCT TO GRILLE IN CEILING. RUN RELIEF DUCT THRU CEILING SPACE AS SHOWN TO CORRESPONDING HEAT RECOVERY UNIT.
6. INSTALL HEAT RECOVERY UNIT ON DECK OF MEZZANINE LEVEL WITH VIBRATION ISOLATORS AT EACH CORNER. RISE DUCTWORK UP AND RUN OVER HEAD TO HEAT PUMPS, CLASSROOMS AND LOUVERS AS SHOWN. REFER TO DETAIL A/M2.2. PROVIDE SHEET METAL DRIP PAN BELOW UNIT.
7. PLUMBING CONTRACTOR TO INSTALL WATER HEATER ON MEZZANINE FLOOR WITH SHEET METAL DRAIN PAN. COORDINATE LOCATION WITH OTHER EQUIPMENT AND PIPING. SEE DETAIL B/P1.3 FOR PIPING CONNECTIONS AND DRAIN PAN. CONNECT 3/4" HOT AND COLD WATER LINES TO PIPING AT FLOOR. REFER TO SHEET P1.4 FOR CONTINUATION OF WATER PIPING.
8. RISE 13"ø EXHAUST DUCT UP TO ROOF AND CONNECT TO ROOF CAP. REFER TO DETAIL N/M3.2 FOR INSTALLATION OF ROOF CAP.
9. EXHAUST LOUVER TO BE 48x48 BASIC SIZE WITH TOP OF LOUVER SLOPED TO MATCH ROOF PITCH. (REFER TO ARCHITECTURAL ELEVATIONS.)

KEY PLAN



ORIGINAL DRAWING SIGNED BY: DWAYNE C. SUDWEEKS
DATE ORIGINAL SIGNED: Feb 08, 2019
ORIGINAL ON FILE AT ENGINEERED SYSTEMS ASSOCIATES
1355 EAST CENTER, POCATELLO, IDAHO 83201

PROFESSIONAL ENGINEER REGISTERED 5762 STATE OF IDAHO DWAYNE C. SUDWEEKS

Engineered Systems Associates
1355 EAST CENTER
POCATELLO, IDAHO 83201
PHONE: (208) 233-0501
FAX: (208) 233-0529
EMAIL: esa@engsystems.com

ESA JOB NUMBER: 18070

nbw architects p.a.
ARCHITECTURE / PLANNING / INTERIORS
SCOTT L NIELSON, A.I.A. KEVIN R BODILY, A.I.A. JAMES H WYATT, A.I.A.
980 JOHN ADAMS PARKWAY P.O. BOX 2212 - IDAHO FALLS, IDAHO 83402-2212
(P) 208-522-8779 (F) 208-522-8795 (W) nbwarchitects.com

PROJECT:
NEW ELEMENTARY SCHOOL FOR
JEFFERSON COUNTY SCHOOL DISTRICT 251
ELEMENTARY SCHOOL
RIGBY, IDAHO

SHEET TITLE:
MEZZANINE LEVEL MECHANICAL FLOOR PLAN - PART 4

REVISIONS

7-12-19	CONSTRUCTION SET

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M JENSEN
CHECKED BY:
D SUDWEEKS

DRAWING NO.:
M1.6

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