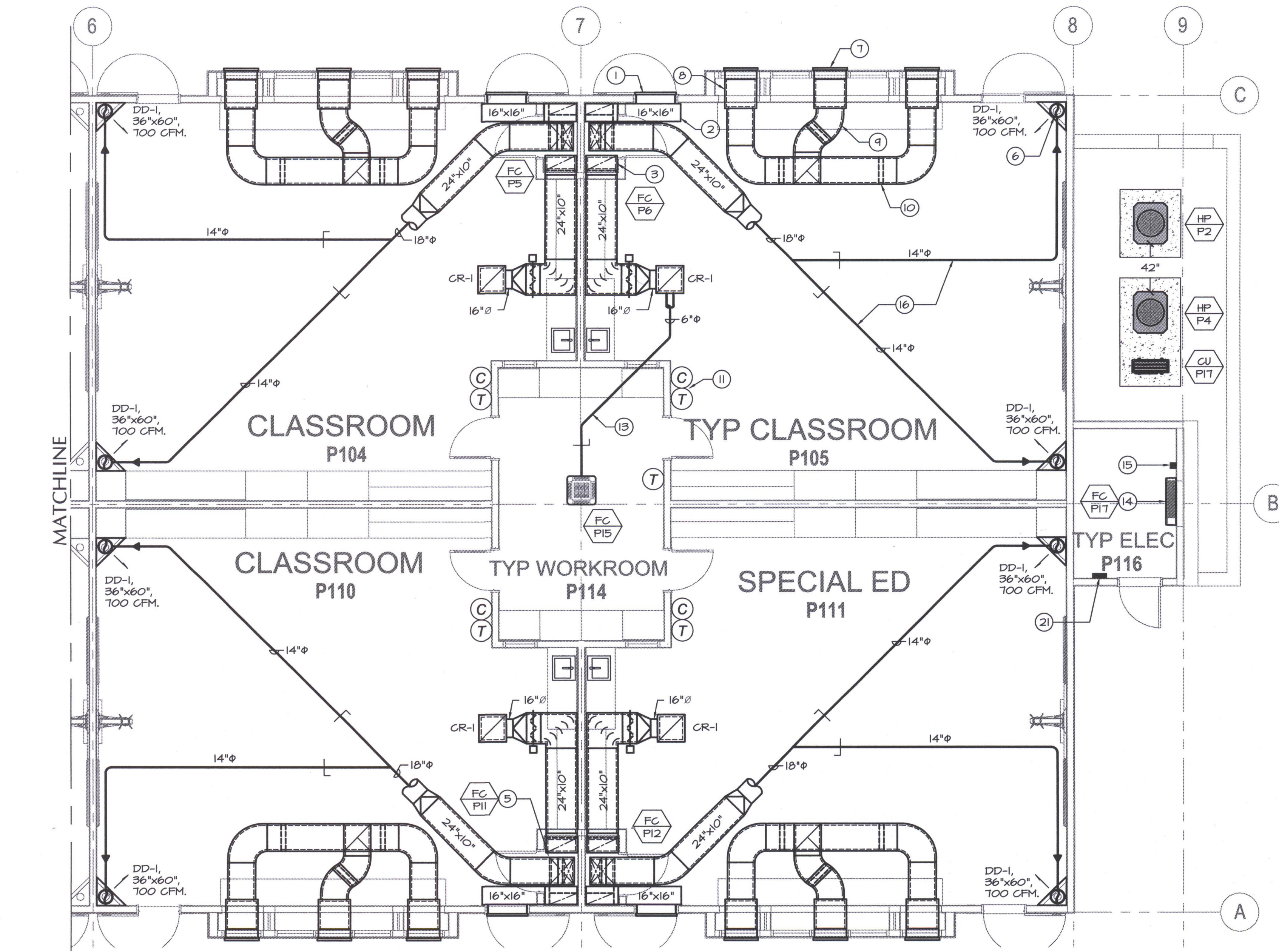


PARTIAL MECHANICAL PLAN - BUILDING P
 SCALE: 3/16"=1'-0"



PARTIAL MECHANICAL PLAN - BUILDING P
 SCALE: 3/16"=1'-0"

MECHANICAL KEYNOTES:

- 1G-1, 36" wide x 12" tall outside air / economizer heavy-duty intake grille, typical.
- 16"x16" outside air duct, elbow down and transition to 24" x 10" outside air duct drop to mixed air plenum, typical. Do not line.
- 24" x 10" return duct drop to mixed air plenum, typical. 1-1/2" acoustical liner.
- Motorized return air / economizer damper, typical.
- Fan coil mounted on platform / mixed air plenum, typical. Extend 24" x 10" lined duct riser to above ceiling. See typical section AM-121CEF for mounting fan coil to platform.
- Transition to 12" round and drop to duct connection at top of displacement diffuser, typical.
- RG-1, 36" x 12" heavy duty relief grille located above window module, typical of (3) per classroom. See architectural exterior elevations.
- 34" x 10" relief duct with 1" liner, typical.
- 22" x 6" relief duct with 1" liner, typical. Stub into 34" x 10".
- Back draft damper in relief duct, typical.
- Thermostat and CO2 sensor, typical.
- Ceiling cassette fan coil in work room, typical. See detail AM-504.
- 6" round transfer / ventilation duct. Balance to 100 CFM.
- Wall mounted fan coil located above door. See detail BM-504.
- Condensate pump mounted on wall. See detail BM-504.
- Coordinate duct routing with Sola-tube skylight locations, typical.
- Heat pump unit on concrete pad, typical. See detail CM-504.
- 32"W x 27"D x 44"H electrical transformer. See Electrical Plans.
- 4'-0" service door at end of enclosure, typical.
- Condensing unit on concrete pad. See detail DM-504.
- EMS control panel. Dedicated 115v circuit provided under spec division 16 at J-box adjacent to panel. Under spec division 15, extend power wiring to EMS panel and any other 115v control items within this building. Install inside EMS panel (1) Mitsubishi PCA-SCS13K1A Power Pac and (1) AG-150 Centralized Controller with touch screen. Communication wiring between buildings shall connect all AG-150 panels. Route wiring in spare 1" conduit provided by the Data Contractor per sheet TS-101. Coordinate routing and location with the other trades.

MARK	DATE	DESCRIPTION
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JOB NUMBER:
200101244
 CAD DRAWING FILE:
 DRAWN BY:
KW
 CHECKED BY:
MB
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MECHANICAL PLAN - BUILDING P

SHEET IDENTIFICATION NUMBER
M-121P

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