

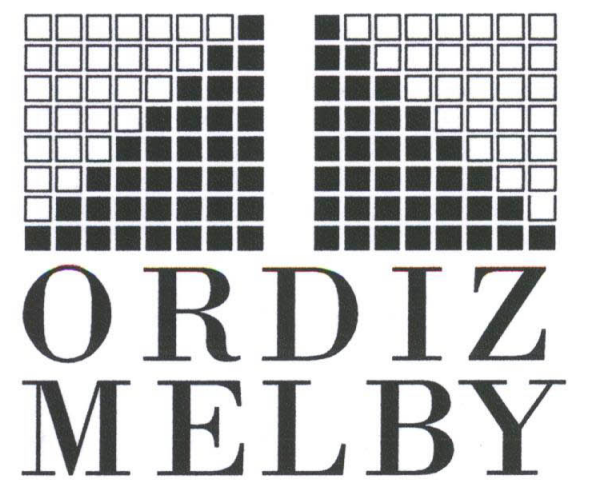
MECHANICAL KEYNOTES:

1. CD-1, modular core ceiling diffuser, typical unless otherwise noted. See detail EM-504.
2. CR-3, filter return grille, typical unless otherwise noted.
3. Shaded wall indicates interior shear wall, typical. Route around wall as shown or transition as required to pass between framing members as required.
4. Fan coil suspended from I-joints, typical. See detail IM-503.
5. Dashed area adjacent to fan coil indicates service area. Leave this area and the area directly below the fan coil free from conduit, fire sprinkler runs, or other items that would interfere with service.
6. CD-3 louvered face grille. Used in large open areas, typical.
7. Locate this sidewall grille at +12'-6" above finished floor and angle front horizontal blades 45 degree downward.
8. 14" x 14" outside air and exhaust ducts thru roof from ERV-L1. Line with 1" acoustical liner.
9. Route outside air and exhaust air ducts as high as possible, above fan coil ductwork.
10. 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-SC51KUA 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.
11. Branch Control Unit (BCU). See HVAC zone & piping plan, sheet M-121L.
12. Dashed area indicates service area for BCU. Leave this area and the area directly below the BCU free from conduit, fire sprinkler runs, or other items that would interfere with service.

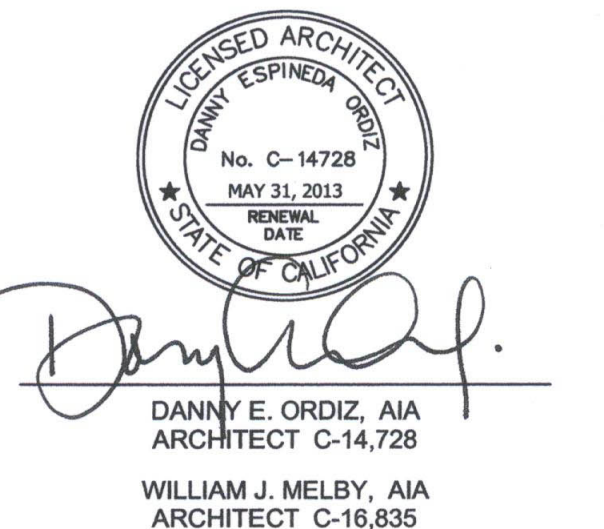
OUTSIDE AIR SETTINGS

FAN COIL	CFM
L1	80
L2	90
L3	70
L4	210
L5	100
L6	170
L7	140

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



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IDENTIFICATION STAMP
DIVISION OF STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL. #: 02-112027
FILE #: 15-6
DATE JAN 20 2012
PTN # 63321-112

NEW ELEMENTARY SCHOOL
9801 HIGHLAND KNOLLS DR
BAKERSFIELD CALIFORNIA 93306

NEW MIDDLE SCHOOL
4115 VINELAND ROAD
BAKERSFIELD CALIFORNIA 93306

FOR:
BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER STREET
BAKERSFIELD CALIFORNIA 93305

MARK	DATE	DESCRIPTION
△		
△		
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JOB NUMBER: 200101244
CAD DRAWING FILE:
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CHECKED BY: MB
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SHEET TITLE: **MECHANICAL PLAN - BUILDING L**

SHEET IDENTIFICATION NUMBER: **M-131L**

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