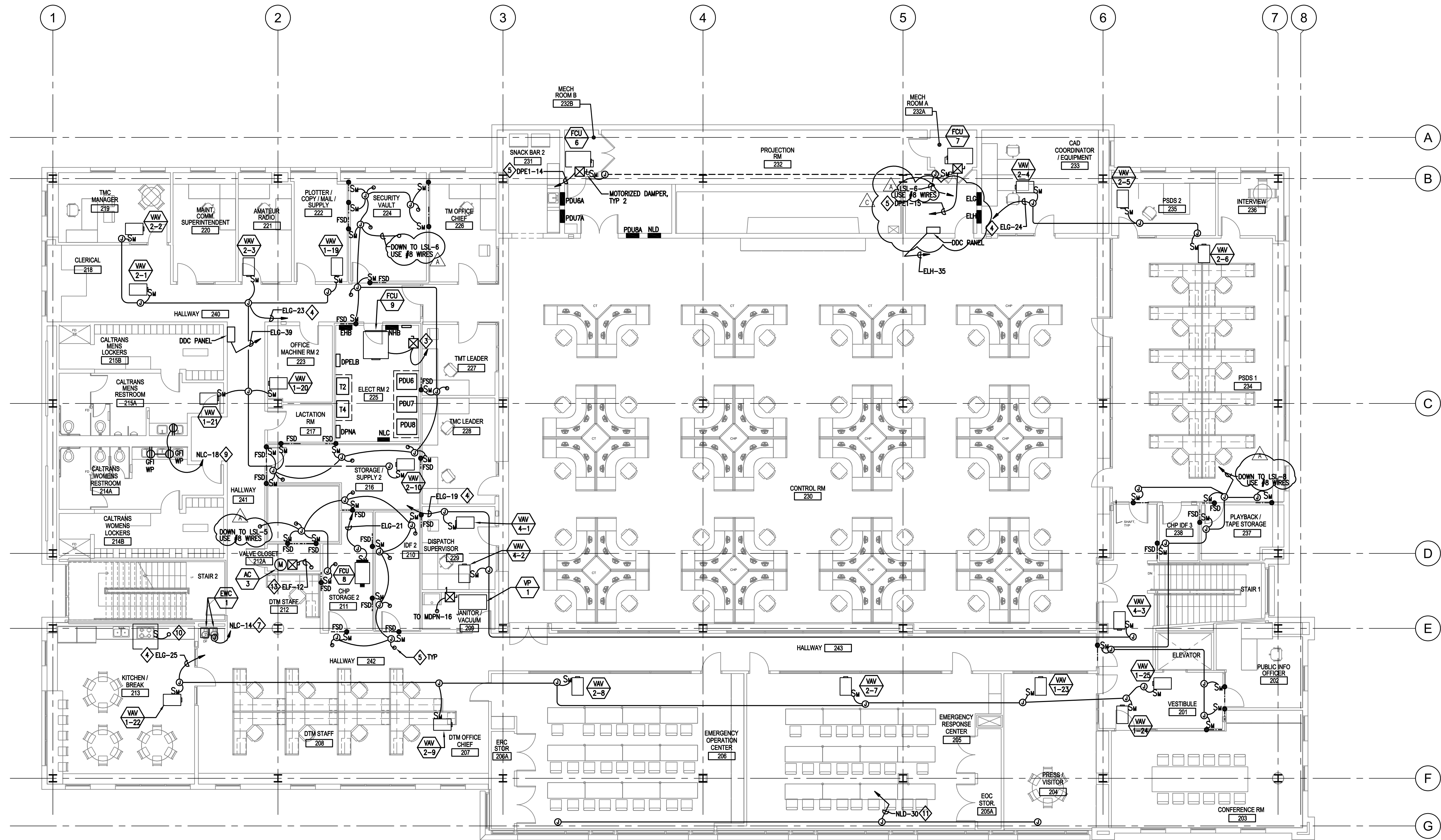


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1 SECOND FLOOR MECHANICAL EQUIPMENT POWER PLAN

E-315 REF.

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

NOTES:

1. SEE SHEET E-100 FOR SYMBOLS, ABBREVIATIONS AND GENERAL NOTES.
 2. SEE SHEET E-610,611,612 FOR SINGLE LINE DIAGRAM, SEE SHEET E-715 FOR CONDUIT AND CONDUCTOR SCHEDULE.
 3. CONNECT TO DPE2-13 LOCATED IN MECHANICAL ROOM ON ROOF, SEE SHEET E-611 FOR COMBINATION STARTER/CIRCUIT BREAKER RATINGS. SEE SHEET E-715 FOR CONDUIT AND CONDUCTOR SIZE AND RATINGS.
 4. PROVIDE 120V, 1Ø POWER TO VAV BOXES AS SHOWN. PROVIDE AND INSTALL 3/4" CONDUIT FROM EACH THERMOSTAT TO THEIR RESPECTIVE VAV CONTROLLERS. COORDINATE EXACT LOCATION OF VAV BOXES AND THERMOSTAT WITH MECHANICAL CONTRACTOR.
 5. TO AUXILIARY CONTACT IN RESPECTIVE DUCT SMOKE DETECTOR AND INSTALL FIRE ALARM CIRCUIT AS PER MECHANICAL DIAGRAM.
 6. PROVIDE INSULATED GROUNDING CONDUCTOR, SIZED PER NEC, IN ALL POWER BRANCH CIRCUIT CONDUITS.
 7. POWER TO ELECTRIC WATER COOLER, COORDINATE EXACT LOCATION OF J-BOX WITH PLUMBING CONTRACTOR.
 8. NOT USED.
9. PROVIDE POWER TO RECEPTACLE AS SHOWN FOR PLUG IN 75VA, 120/240VAC SINGLE PHASE TRANSFORMER TO SERVE ELECTRONIC FAUCETS. COORDINATE EXACT LOCATION OF RECEPTACLES WITH PLUMBING CONTRACTOR. MULTIPLE FAUCET ARE BEING POWERED BY A SINGLE TRANSFORMER, ALLOW 15VA FOR EACH FAUCET BEING USED.
10. LIGHT SWITCH FOR GREASE HOOD LIGHT, WIRE SWITCH TO CONTROL EXHAUST FAN EF-6 LOCATED ON ROOF.
11. CEILING MOUNTED J-BOX TO PROVIDE POWER TO MOTORIZED SHADES, COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS. LOW VOLTAGE SWITCH FOR CONTROLS TO BE PROVIDED BY MOTORIZED SHADE MANUFACTURER, AND INSTALLED BY ELECTRICAL CONTRACTOR. PROVIDE AND INSTALL 3/4" WITH CAT5 CABLE FROM LOW VOLTAGE SWITCH TO MOTORIZED SHADE FOR CONTROL WIRING. COORDINATE EXACT LOCATION OF LOW VOLTAGE SWITCH WITH CALTRANS/CHP PERSONNEL.
12. COMBINATION MOTOR STARTERS ARE SHOWN NEXT TO THEIR RESPECTIVE MECHANICAL EQUIPMENT FOR IDENTIFICATION PURPOSE. ALL COMBINATION STARTERS SHALL BE INSTALLED AT AN ACCESSIBLE LOCATION, PREFERABLY ON WALL.
13. PROVIDE DEDICATED 120VAC, 1Ø POWER AS SHOWN TO SERVE AC-3. SEE FIRE PROTECTION DRAWINGS FOR EXACT LOCATION OF AIR COMPRESSORS.

PROJECT



CLIENT



STATE OF CALIFORNIA
DEPARTMENT OF GENERAL SERVICES
REAL ESTATE SERVICES DIVISION
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CONSULTANT

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DIVISION OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICE

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JULY 30, 2008

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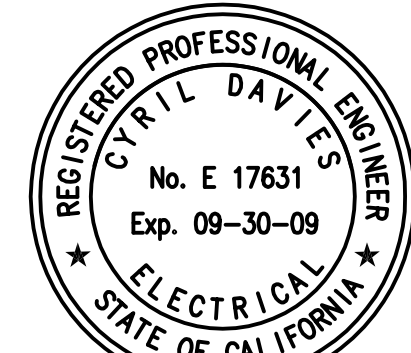
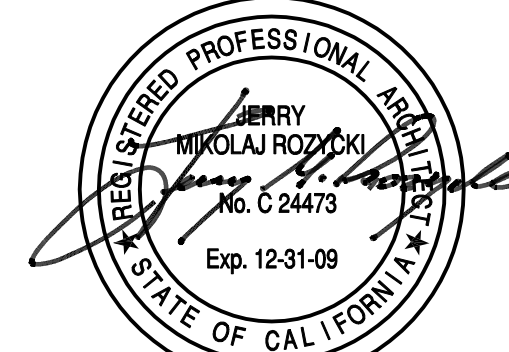
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2	09/26/2008	BID PERIOD ADDENDUM

MARK	DATE	DESCRIPTION
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2	09/26/2008	BID PERIOD ADDENDUM

PROJECT NO: 60004333.4000

DRAWN BY: L. DICKENS
CHECKED BY: C. DAVIES

STAMP



SHEET TITLE

SECOND FLOOR
MECHANICAL
EQUIPMENT
POWER PLAN

E-315

