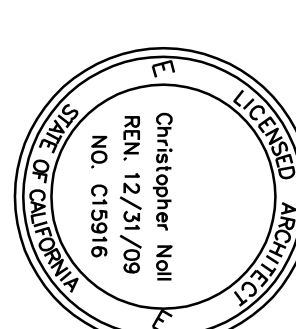


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IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPLICATION NUMBER: 000000
DATE: 12/21/09



DSA SUBMITTAL

COLLEGE OF SAN MATEO BUILDING 15 MODERNIZATION

SMCCCD
3401 CSM Drive
San Mateo, CA 94402
College of San Mateo
1700 W. Hillside Blvd.
San Mateo, CA 94402

SHEET TITLE
TITLE 24

Table with 2 columns: NO., DATE, DESCRIPTION. Includes revision 03.09.09 DSA SUBMITTAL.

Table with 2 columns: DATE, DESCRIPTION. Includes MARCH 9, 2009 DRAWN LA/RG, CHECKED CR, SCALE NONE, ACCO JOB NO.: 628985, SHEET NUMBER.

ACCO.02

HVAC MISC. PRESCRIPTIVE REQUIREMENTS: MECH-4-C

PROJECT NAME: COLLEGE OF SAN MATEO - BLDG. 15
DATE: 03/09/09

FAN POWER CONSUMPTION (\$144c)
NOTE: Provide one copy of this worksheet for each fan system with a total fan system horsepower greater than 25 hp for Constant Volume Fan Systems or Variable Air Volume (VAV) Systems when using the prescriptive approach.

Table with columns: FAN DESCRIPTION, DESIGN HP, EFFICIENCY, NUMBER OF FANS, PEAK WATTS. Includes entry for FC-15-1.

Table with columns: FILTER PRESSURE ADJUSTMENT EQUATION, TOTAL ADJUSTMENTS, TOTAL FAN SYSTEM POWER (WATTS, SUM COLUMN F).

Table with columns: ITEM OF SYSTEM TAG(S), T-24 Section, Capacity, Exception, Notes.

- 1. Total installed capacity (MBtu/hr) of all electric heat on this project exclusive of electric auxiliary heat for heat pumps. If electric heat is used explain which exceptions (to §144h) apply.
2. Are centrifugal fan cooling towers used on this project? (Enter "Yes" or "No") If centrifugal fan cooling towers are used explain which exceptions (to §144h) apply.
3. Total installed capacity (tons) of all chillers and air cooled chillers, under this permit. If there are more than 100 tons of air-cooled chiller capacity being installed explain which exceptions (to §144h) apply.

2005 Nonresidential Compliance Forms January 2006

AIR SYSTEM REQUIREMENTS (Part 2 of 3)

PROJECT NAME: COLLEGE OF SAN MATEO - BLDG. 15
DATE: 03/09/09

ITEM OF SYSTEM TAG(S): WATER SIDE SYSTEMS: Chillers, Towers, Balers, Hydraulic Loops

Table with columns: MANDATORY MEASURES, PRESCRIPTIVE MEASURES, Section, Reference on Plans or Specification.

1. For each cooling tower, boiler, and hydronic loop (or group of similar units) fill in the reference to sheet number and paragraph number where the required measures are documented. If a requirement is not applicable, put "N/A" in the column.
2. Water side systems include wet side systems using other fluids such as glycol or brine.

2005 Nonresidential Compliance Forms January 2006

AIR SYSTEM REQUIREMENTS (Part 1 of 3)

PROJECT NAME: COLLEGE OF SAN MATEO - BLDG. 15
DATE: 03/09/09

ITEM OF SYSTEM TAG(S): AIR SYSTEMS, Central or Single Zone

Table with columns: MANDATORY MEASURES, PRESCRIPTIVE MEASURES, Section, Reference on Plans or Specification.

1. For each central unit single zone air systems (or group of similar units) fill in the reference to sheet number and/or specification number and paragraph number where the required features are documented. If a requirement is not applicable, put "N/A" in the column.
2. Not required for hydronic heating or cooling. Enter zero value here or put in reference to figure and specifications per footnote 1.

AIR SYSTEM REQUIREMENTS (Part 3 of 3)

PROJECT NAME: COLLEGE OF SAN MATEO - BLDG. 15
DATE: 03/09/09

ITEM OF SYSTEM TAG(S): Service Hot Water, Pool Heating

Table with columns: MANDATORY MEASURES, Reference on Plans or Specification.

1. For each water heater, pool heat and domestic water loop (or group of similar equipment) fill in the reference to sheet number and/or specification number and paragraph number where the required features are documented. If a requirement is not applicable, put "N/A" in the column.

MECHANICAL VENTILATION AND REHEAT (MECH-3-C)

PROJECT NAME: COLLEGE OF SAN MATEO - BLDG. 15
DATE: 03/09/09

Table with columns: AREA BASIS, OCCUPANCY BASIS, REHEAT LIMITATION (\$144d), VAV Minimum, Column I Total Design Ventilation Air.

Table with columns: A, B, C, D, E, F, G, H, I, J, K, L, M, N. Includes rows for Condition, Area, CFM, etc.

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