

KEY NOTES

- 1 AC1: WALL MOUNT 3.5 TON HEAT PUMP.NOMINAL 42,500 BTUH COOL / 42,500 BTUH HEAT W/5kw HEATER. OLA AND CALIFORNIA STATE ENERGY APPROVED. 208/230V, 1 PHASE, MAX FLA 28 AMPS. WEIGHT 515 LBS.
- 2 ① THERMOSTAT-WHITE ROGERS IF92 AT +48" AFF
- 3 12" FLEX DUCT
- 4 15 x 15 4W 700 CFM SUPPLY AIR GRILLE
- 5 10" x 30" x 2' PLENUM (SEE SPECS.)

NOTES

1. INSULATION APPLIED TO EXTERIOR SURFACE OF DUCTS LOCATED IN BLDGS SHALL HAVE A FLAME SPREAD OF NOT MORE THAN 25 & A SMOKE-DENSITY NOT EXCEEDING 50 WHEN TESTED AS A COMPOSITE INSTALLATION. INCLUDING INSULATION, FACING MATERIALS, TAPES & ADHESIVES AS NORMALLY APPLIED.

2. SCHOOL EQUIPMENT ANCHORAGE

THE FOLLOWING IS FOR THE MECHANICAL ENGINEER'S INFORMATION ONLY:

THE SEISMIC ANCHORAGE OF MECHANICAL EQUIPMENT SHALL CONFORM TO C.C.R. TITLE 24, SECTION 1830A.2 (g) AND TABLE 16A-0. ANCHORAGE DETAILS FOR ROOF/FLOOR MOUNTED EQUIPMENT WEIGHING LESS THAN 400 LBS. AND HUNG EQUIPMENT WEIGHING LESS THAN 20 LBS. MAY BE OMITTED FROM THE PLANS.

FOR MECHANICAL DRAWINGS:

ALL MECHANICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

EQUIPMENT ON GRADE	20% OF OPERATING WEIGHT
EQUIPMENT ON STRUCTURE	30% OF OPERATING WEIGHT

FOR FLEXIBLY MOUNTED EQUIPMENT USE 4 X THE ABOVE VALUES, AND FOR SIMULTANEOUS VERTICAL FORCE USE 1/3 X THE HORIZONTAL FORCE.

THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR, I = 1.0 AND SEISMIC ZONE, Z = 0.4.

WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE MECHANICAL ENG., AND THE FIELD ENGINEER OF THE OFFICE OF THE STATE ARCHITECT.

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O4 101190
AC [Signature] FLS [Signature] SS [Signature]
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JUL 1 1999~~

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MECHANICAL PLAN (24'X40')

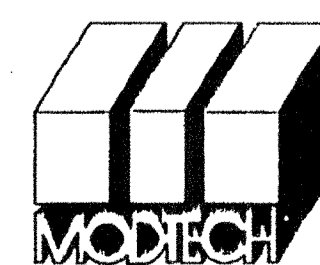
SCALE: 1/4" = 1'-0"

BASED ON PC 270

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architect's Seal
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3				
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MECHANICAL (HVAC) PLAN

M1.0

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