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REVISIONS

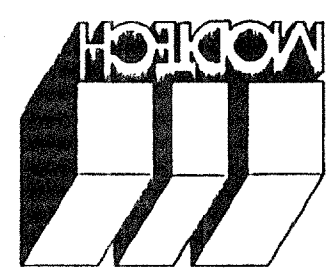
Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal

Division of the State Architect
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 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
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 DATE



MODTECH INC.
 2830 BARRETT AVENUE
 PERRIS, CALIF. 92572
 PH (909) 943-4014
 FAX (909) 940-0427

MECHANICAL (HVAC) PLAN

M.I.O

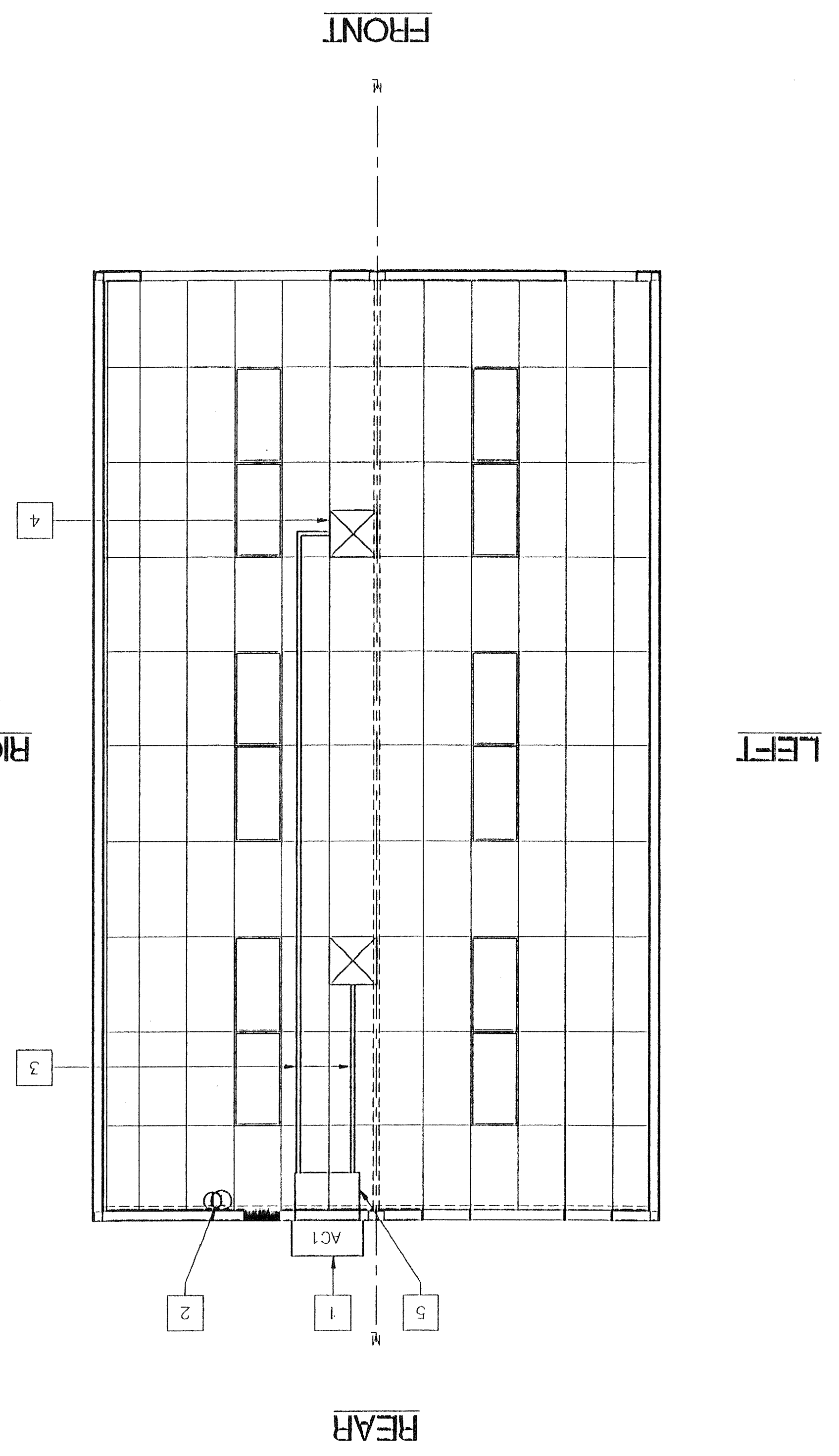
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 MODTECH, INC. 1998

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BASED ON PC 270

MECHANICAL PLAN (24'X40')

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



NOTES

- 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.
- 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 15302.2 (9) AND HAVE 16#-4 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.

KEY NOTES

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|---|--|
| 1 | ACT: 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.) |

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 DATE: 04 10 1999
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