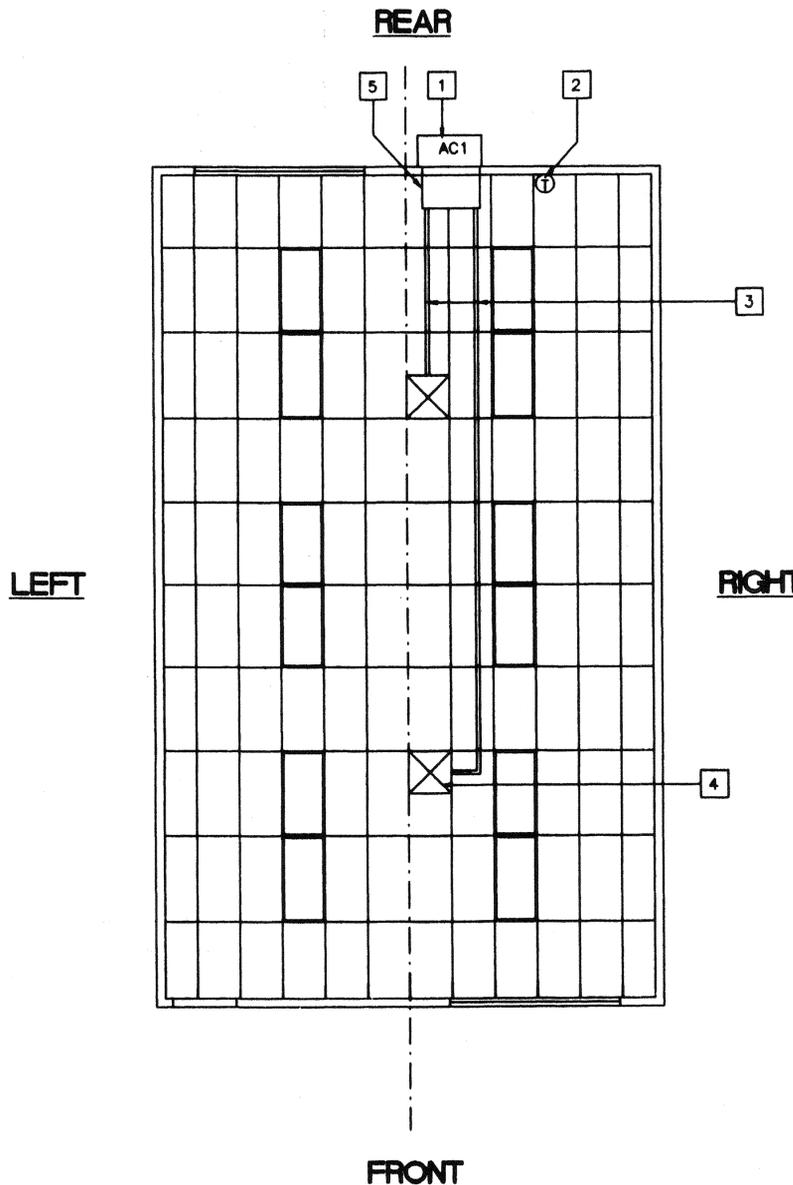


FILE # P266 M10.DWG



- ### KEY NOTES
- 1 AC1: WALL MOUNT 3.5 TON HEAT PUMP NOMINAL 47,000 BTUH COOL / 46,000 BTUH HEAT W/5kw HEATER OLA AND CALIFORNIA STATE ENERGY APPROVED 208 / 230V, 1 PHASE, MAX FLA 28 AMPS WEIGHT 510 LBS.
 - 2 ① THERMOSTAT-WHITE ROGERS IF92+48³ A.F.P.
 - 3 12" FLEX DUCT
 - 4  15 x 15 4W 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 EXCEPT INSULATION HAVING A FLAME SPREAD INDEX NOT EXCEEDING 50 & A SMOKE DENSITY NOT GREATER THAN 100 MAY BE INSTALLED IN DWELLINGS OR APARTMENT HOUSES WHERE THE DUCT SYSTEM SERVES NOT MORE THAN ONE DWELLING UNIT.

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 16350.2 AND TABLE 16350.2 ANCHORAGE DETAILS FOR ROOF/FLOOR MOUNTED EQUIPMENT WEIGHING LESS THAN 400 LBS. AND HANGING 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

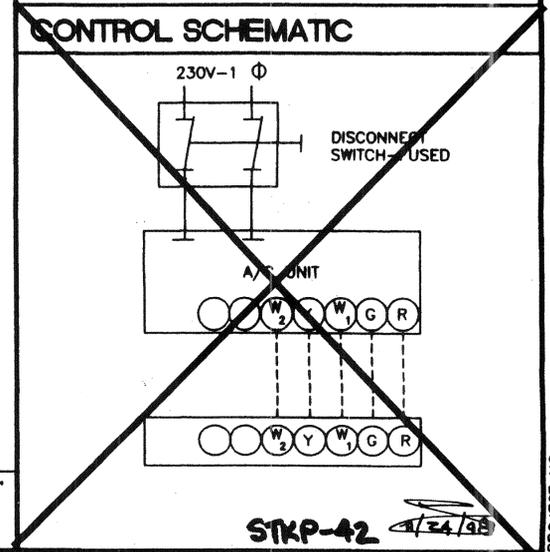
THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR, I = 1.0 AND SEISMIC ZONE, Z = 0.4

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

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 10 29
JAN 07 1999

MECHANICAL PLAN (24' X 40')

SCALE 1/4"=1'-0"



REVISED

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architect's Seal	Division of the State Architect	MODTECH INC.	PROJECT NUMBER:	MODTECH INC.	drawn by
							29 86	1997	4012-088
									05 JAN 99

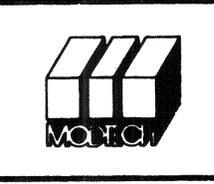
Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal
GEORGE C. EDWARDS
STATE OF CALIFORNIA
JUL 2 1997

Division of the State Architect
OFFICE OF REGULATION SERVICES
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MODTECH INC. 1997
117237
DATE 02-29-99

drawn by 4012-088
checked by 05 JAN 99
MODTECH Index No.
M1.0

MECHANICAL (HVAC) PLAN

M1.0

PROJECT NO. 2986
PC-266